

Gi5_4466747_x2732.....	guucgauucccggcgccgga.....	0
Gi1_2098525_x2672.....	Uuucgauucccggcgccgg.....	1
Gi1_2106457_x2553.....	guucgauucccggcgccggagcC.....	1
Gi5_4584884_x2359.....	ggucgauucccggcgccgg.....	0
Gi2_4550526_x2301.....	gUuucgauucccggcgccggagc.....	1
Gi3_16719768_x2271.....	ucgauucccggcgccggagcC.....	1
Gi1_2160670_x2236.....	guucgauucccggcgccgga.....	0
Gi2_4659874_x2088.....	guucgauucccggcgccgga.....	0
Gi5_4689295_x2063.....	guucgauucccggcgccggagcC.....	1
Gi2_4678540_x2059.....	guucgauucccggcgccggag.....	0
Gi5_4746918_x1924.....	ggucgauucccggcgcc.....	0
Gi5_4797320_x1809.....	guucgauucccggcgccggagc.....	0
Gi5_4829364_x1752.....	ggucgauucccggcgccggag.....	0
Gi5_4856838_x1692cucacccaacagauccgg.....	.....	0
Gi3_17723670_x1584.....	Uguucgauucccggcgccgga.....	1
Gi1_2263260_x1508.....	guucgauucccggcgccgg.....	0
Gi1_2279516_x1437.....	gGucgauucccggcgccgg.....	1
Gi3_18002792_x1423.....	ucgauucccggcgccggagc.....	0
Gi3_18114895_x1376.....	Uguucgauucccggcgccggag.....	1
Gi2_5265076_x1323.....	ucgauucccggcgccggagc.....	0
Gi3_18253831_x1317.....	Uuucgauucccggcgccgg.....	1
Gi1_2332554_x1264.....	ggucgauucccggcgccggagc.....	0
Gi1_2340050_x1226.....	guucgauucccggcgccggagc.....	0
Gi3_18631876_x1148.....	Uuucgauucccggcgccgga.....	1
Gi5_5178308_x1083.....	Uuucgauucccggcgccgg.....	1
Gi5_5191186_x1059.....	Uuucgauucccggcgccgg.....	1
Gi3_18881639_x1044.....	gUuucgauucccggcgccgga.....	1
Gi2_5612893_x1032.....	Uuucgauucccggcgccggagc.....	1
Gi3_18985137_x1003.....	Uuucgauucccggcgccggagc.....	1
Gi3_19108956_x964.....	gUuucgauucccggcgccggag.....	1
Gi5_5277356_x931.....	Uguucgauucccggcgccggagc.....	1
Gi3_19223083_x923.....	uucgauucccggcgccggagc.....	0
Gi3_19277081_x906.....	gauucccggcgccggagc.....	0
Gi2_5857907_x868.....	Uuucgauucccggcgccgg.....	1
Gi1_2480982_x805.....	ggucgauucccggcgccgg.....	0
Gi3_19615623_x803.....	Uguucgauucccggcgccgg.....	1
Gi1a_3739453_x774.....	ggucgauucccggcgccggagc.....	0
Gi2_6110175_x725.....	ggucgauucccggcgccgg.....	0
Gi3_20044512_x691.....	gGucgauucccggcgccgg.....	1
Gi3_20062420_x686.....	guucgauucccggcgccggC.....	1
Gi5_5504875_x652.....	gUuucgauucccggcgccggagc.....	1
Gi1_2562309_x634.....	ggucgauucccggcgccgga.....	0
Gi3_20331714_x633.....	Aguucgauucccggcgccggagc.....	1
Gi3_20356944_x628.....	cgauucccggcgccggagc.....	0
Gi3_20450237_x607.....	uucgauucccggcgccgga.....	0
Gi3_20477458_x603.....	uucgauucccggcgccggagcC.....	1
Gi3_20490687_x600.....	gGucgauucccggcgccgga.....	1

Gi3_20592804_x574.....gauuccggcgccggagcC.....	1
Gi3_20641249_x565.....gguucgauuccggcgccgC.....	1
Gi2_6524433_x562.....gGucgauuccggcgccggagc.....	1
Gi3_20654213_x562.....guucgaCuccggcgccggagc.....	1
Gi3_20711587_x552.....gguucgauNcccgcgccggagc.....	1
Gi3_20742876_x547.....gUuucgauuccggcgccg.....	1
Gi5_5635437_x543.....gGucgauuccggcgccg.....	1
Gi3_20766281_x542.....ucgauuccggcgccggag.....	0
Gi3_20813076_x534.....Uuucgauuccggcgccggag.....	1
Gi1_2629414_x520.....Uguucgauuccggcgccg.....	1
Gi3_20890919_x518.....ucgauuccggcgccgga.....	0
Gi3_20912056_x514.....Uguucgauuccggcgccg.....	1
Gi3_20940158_x508cucaccaacagauccg.....	0
Gi2_6718036_x497.....gauuccggcgccggagc.....	0
Gi2_6721016_x496.....gGucgauuccggcgccg.....	1
Gi3_21017851_x495.....auuccggcgccggagcC.....	1
Gi3_21069318_x486.....gguucgauuccggcgccggCgc.....	1
Gi2_6751449_x486.....Uguucgauuccggcgcc.....	1
Gi2_6769824_x481.....Uguucgauuccggcgccggag.....	1
Gi2_6779412_x478.....ucgauuccggcgccggagcC.....	1
Gi1_2664335_x471cucaccaacagauccg.....	0
Gi5_5742002_x468.....gGucgauuccggcgccg.....	1
Gi3_21241144_x461.....gGucgauuccggcgccggagc.....	1
Gi1_2686601_x437.....uucgauuccggcgccg.....	0
Gi5_5802448_x432.....Uguucgauuccggcgccg.....	1
Gi3_21433943_x429.....ggCucgauuccggcgccggagc.....	1
Gi2_7002965_x415.....Uguucgauuccggcgccg.....	1
Gi1_4132002_x412.....gguucgauuccggcgccggag.....	0
Gi3_21767117_x381.....Uguucgauuccggcgcc.....	1
Gi5_5902217_x373.....Uguucgauuccggcgccgga.....	1
Gi3_21824415_x373.....gUuucgauuccggcgccg.....	1
Gi3_21849616_x369.....cgauuccggcgccggagcC.....	1
Gi3_21850354_x369.....gguucgauuccggcgccggagcCu.....	1
Gi1_2749901_x367.....gguucgauuccggcgccggag.....	0
Gi5_5915080_x362.....gauuccggcgccggagc.....	0
Gi2_7279530_x347.....gauuccggcgccggagcC.....	1
Gi3_22045248_x341.....cagaucggguucgauucc.....	0
Gi1_2780262_x336.....gUuucgauuccggcgccg.....	1
Gi2_7348465_x332.....Aguucgauuccggcgccggagc.....	1
Gi2_7360380_x330.....gUuucgauuccggcgccggag.....	1
Gi5_6005812_x327.....gUuucgauuccggcgccg.....	1
Gi2_7428877_x314.....Uuucgauuccggcgccg.....	1
Gi3_22310260_x308.....gguucgauuccggcgccggGgc.....	1
Gi2_7451906_x308.....guucgaCuccggcgccggagc.....	1
Gi3_22313956_x308.....gUuucgauuccggcgcc.....	1
Gi3_22350015_x303.....uccggguucgauuccggcgccgga.....	0
Gi3_22369960_x301.....gGucgauuccggcgccggag.....	1

Gi1a_4343709_x299.....	gguucgauucccggcgcggagcC.....	1
Gi3_22406772_x297.....	gguucgauuccUggcgccggagc.....	1
Gi3_22426894_x295.....	Uuucgauucccggcgcgg.....	1
Gi3_22440421_x293.....	Cguucgauucccggcgcggagc.....	1
Gi3_22470199_x290.....	uucgauucccggcgcgg.....	0
Gi1_2833307_x289Uucacccaacagauccgg.....	.....	1
Gi1_2837629_x286.....	gguucgauucccggcgcggagcC.....	1
Gi2_7584647_x283.....	gUuucgauucccggcgcgg.....	1
Gi2_7604625_x280.....	uucgauucccggcgcgg.....	0
Gi2_7623265_x277.....	Uguucgauucccggcgcggga.....	1
Gi2_7633467_x275.....	gguucgauNcccggcgcggagc.....	1
Gi3_22667789_x270.....	guucgauucccggcgcggagcCu.....	1
Gi1_2865516_x267.....	guucgauucccggcgcggagcCu.....	1
Gi5_6179994_x266.....	Uuucgauucccggcgcggga.....	1
Gi1a_4422156_x265.....	gguucgauucccggcgcggga.....	0
Gi3_22715945_x265.....	agaucggguucgauucc.....	0
Gi1_2868710_x265.....	ucgauucccggcgcggagc.....	0
Gi3_22720450_x265.....	gguucgaCuuccgggcgcggagc.....	1
Gi2_7692801_x265.....	gUuucgauucccggcgcgg.....	1
Gi1_2876324_x260.....	guucgaCuuccgggcgcgg.....	1
Gi5_6222628_x254.....	agaucggguucgauucc.....	0
Gi5_6228460_x253.....	ccaacagauccggguuc.....	0
Gi3_22899164_x248.....	guucgaCuuccgggcgcggga.....	1
Gi5_6245734_x248.....	Uguucgauucccggcgcgg.....	1
Gi4_339684_x242.....	gguucgauucccggcgcgg.....	0
Gi3_22994850_x240.....	gguucgGuucccggcgcggagc.....	1
Gi1_2928825_x236.....	uucgauucccggcgcggagcC.....	1
Gi3_23052063_x235.....	caccaacagauccggguuc.....	0
Gi5_6308565_x232.....	Uguucgauucccggcgcgg.....	1
Gi5_6317809_x230.....	ucgauucccggcgcggag.....	0
Gi2_7899826_x230.....	uucgauucccggcgcggagcC.....	1
Gi1_2938596_x230.....	Cguucgauucccggcgcgg.....	1
Gi5_6326282_x228.....	ucgauucccggcgcggagc.....	0
Gi5_6331966_x226.....	guucgauucccggcgcggag.....	0
Gi2_7938475_x225.....	gguucgauucccggcgcggCgc.....	1
Gi3_23193875_x224.....	gguucgauuccUggcgccggag.....	1
Gi3_23200799_x223.....	guucgaCuuccgggcgcgg.....	1
Gi1_2963766_x219.....	gCucgauucccggcgcgg.....	1
Gi1a_4546649_x218.....	gguucgauucccggcgcgg.....	0
Gi2_7994399_x217.....	Uuucgauucccggcgcggag.....	1
Gi1a_4557874_x214.....	gguucgauucccggcgcgg.....	0
Gi5_6398702_x214.....	gUuucgauucccggcgcggga.....	1
Gi2_8017908_x214.....	uucgauucccggcgcggagc.....	0
Gi5_6417005_x211.....	ucgauucccggcgcggagcC.....	1
Gi3_23382327_x210.....	guucgauucccggcgcggA.....	1
Gi1_2985636_x210.....	Uuucgauucccggcgcggga.....	1
Gi5_6461919_x203.....	Uguucgauucccggcgcggag.....	1

Gi1_3010075_x201.....uucgauucccgcgccggagc.....	0
Gi3_23506713_x201.....caacagauccggguucgauucc.....	0
Gi2_8127732_x200.....ggCucgauucccgcgccggagc.....	1
Gi3_23516931_x200.....gguCcgauucccgcgccggagc.....	1
Gi2_8144076_x198.....Uuucgauucccgcgccgga.....	1
Gi3_23560200_x197.....gauccggguucgauucc.....	0
Gi3_23573973_x196.....gCuucgauucccgcgccggagc.....	1
Gi3_23641643_x191.....guucgauucccgUgccggag.....	1
Gi1a_4632800_x191.....guucgauucccgcgccggagcC.....	1
Gi3_23694905_x188.....Agguucgauucccgcgccggagc.....	1
Gi3_23697725_x188.....ggGucgauucccgcgccggagc.....	1
Gi1a_4644493_x187.....guucgauucccgcgccggagc.....	0
Gi5_6557180_x187.ucacccaacagauccggguu.....	0
Gi2_8259226_x185.....cccaacagauccggguuc.....	0
Gi3_23749033_x184.....gAuucgauucccgcgccggagc.....	1
Gi1a_4658536_x183.....gguucgauucccgcgcc.....	0
Gi4_367620_x179.....guucgauucccgcgccgg.....	0
Gi5_6615364_x179.....Uuucgauucccgcgccggagc.....	1
Gi1_3070143_x179.....agauccggguucgauucc.....	0
Gi5_6632435_x177.....gguucgauucccgcgccggagcCu.....	1
Gi3_23865777_x176.....cgauucccgcgccggag.....	0
Gi1_3086057_x175.....Uuucgauucccgcgccg.....	1
Gi3_23948305_x171.....guucgaCuucccgcgccggag.....	1
Gi2_8390578_x170.....gUuucgauucccgcgccgga.....	1
Gi5_6685354_x169.....gUuucgauucccgcgccgg.....	1
Gi1_3103256_x169.ucacccaacagauccgggu.....	0
Gi2_8419886_x166.....gGucgauucccgcgccg.....	1
Gi2_8436782_x165.....gguucgauucccgcgccggGgc.....	1
Gi5_6719756_x164.....gauucccgcgccggagcC.....	1
Gi1a_4721617_x163.....guucgauucccgcgccgg.....	0
Gi3_24072831_x163.....gguucgauucccgUgccggagc.....	1
Gi5_6738710_x162.....guucgaCuucccgcgccgg.....	1
Gi3_24090728_x162.....cggguucgauucccgcgccgga.....	0
Gi3_24111706_x161.....gGucgauucccgcgccg.....	1
Gi3_24113960_x161.....gguucgauCucccgcgccggagc.....	1
Gi2_8472510_x161.....ucgauucccgcgccggag.....	0
Gi5_6756601_x160.....uucgauucccgcgccgg.....	0
Gi3_24142553_x159.....gguucgauuccAgcgccggagc.....	1
Gi3_24150185_x159.ucacccaacagauccgggu.....	0
Gi5_6778507_x158.....uccggguucgauucccggc.....	0
Gi2_8512592_x157.....gguucgaCuucccgcgccggagc.....	1
Gi2_8518708_x156.....cgauucccgcgccggagcC.....	1
Gi1_3162430_x154.....gguucgauucccgcgccggagcCu.....	1
Gi5_6811730_x153.....guucgauucccgcgccggaCc.....	1
Gi1_3167020_x152.....Auucgauucccgcgccgg.....	1
Gi3_24257654_x151.....Agucgauucccgcgccggag.....	1
Gi3_24263996_x151.....gguucgauucccgcgccggagcA.....	1

Gi2_8579332_x150.....	agaucggguucgauucc.....	0
Gi3_24312302_x148.....	gguucgauuccggcgAcggagc.....	1
Gi3_24331334_x147.....	aucggguucgauuccggcgccgga.....	0
Gi1_3193841_x145.....	guucgauuNccggcgccgg.....	1
Gi3_24415889_x142.....	gguucAauuccggcgccggagc.....	1
Gi3_24417877_x142.....	guucgauuccggcgccggaC.....	1
Gi2_8670143_x142.....	Cguucgauuccggcgccggagc.....	1
Gi5_6930592_x139.....	auuccggcgccggagcC.....	1
Gi5_6938237_x139.....	guucgauuccggcgccggagcCu.....	1
Gi3_24512108_x136.....	ggAucgauuccggcgccggagc.....	1
Gi2_8736673_x136.....	gGucgauuccggcgccgga.....	1
Gi2_8744776_x135.....	guuUgauuccggcgccggag.....	1
Gi3_24551410_x134.....	ggguucgauuccggcgccggagc.....	0
Gi5_6979068_x134.....	gguucgauuUccggcgccgg.....	1
Gi5_6975584_x134.....	gUuucgauuccggcgccggag.....	1
Gi1_3244829_x134.....	Uuucgauuccggcgccggagc.....	1
Gi3_24613453_x131.....	gguuUgauuccggcgccggagc.....	1
Gi1_3258716_x131cucacccaacagauccCg.....		1
Gi5_7003636_x131.....	gGucgauuccggcgccgga.....	1
Gi5_7008202_x130.....	gUuucgauuccggcgcc.....	1
Gi5_7036657_x127.....	guucgaCuccggcgccgg.....	1
Gi1_3271991_x127.....	guCcgauuccggcgccgg.....	1
Gi3_24687352_x126.....	Aguucgauuccggcgccgga.....	1
Gi3_24694660_x126.....	gguucgauuccggcgccggagA.....	1
Gi3_24739411_x123.....	gguucgauNccggcgccgga.....	1
Gi3_24749611_x122.....	gguucgauuccggcgUggagc.....	1
Gi2_8905500_x121.....	gguCcgauuccggcgccggagc.....	1
Gi3_24812582_x119.....	caacagauccggguucga.....	0
Gi1_3311683_x118.....	Uguucgauuccggcgccggagc.....	1
Gi5_7131131_x117.....	Cguucgauuccggcgcc.....	1
Gi3_24835557_x117.....	gguucgauNccggcgccggag.....	1
Gi2_8951030_x117.....	Uguucgauuccggcgccgg.....	1
Gi3_24942169_x111.....	gguucgauuccggcgccggaCc.....	1
Gi2_9037156_x110.....	ucgauuccggcgccgga.....	0
Gi3_25015334_x107.....	ggguucgauuccggcgccggag.....	0
Gi3_25009663_x107.....	Uauuccggcgccggagc.....	1
Gi3_25019293_x107.....	guucgaCuccggcgccg.....	1
Gi1a_4940392_x105.....	uucgauuccggcgccggagc.....	0
Gi4_415438_x105.....	gguucgauuccggcgccggagc.....	0
Gi1_3372775_x105.....	gGucgauuccggcgccgga.....	1
Gi2_9109341_x104.....	gGucgauuccggcgccggag.....	1
Gi2_9115834_x103.....	gguucgGuuccggcgccggagc.....	1
Gi3_25104011_x102.....	gguAcgauuccggcgccggagc.....	1
Gi3_25119990_x101.....	gguucgCuuccggcgccggagc.....	1
Gi5_7296674_x101.....	gguucgauuccggcgccggagcgu.....	0
Gi2_9144974_x100.....	cgauuccggcgccggagcguuA.....	1
Gi1_3403571_x98.....	gUuucgauuccggcgccggagc.....	1

Gi1_3410380_x97.....	gguucgauucccgcgcccgagcU.....	1
Gi2_9186957_x97.....	guucgaCuccggcgccgg.....	1
Gi1_3412405_x96.....	gguucgauucccgcgcc.....	0
Gi1_3412885_x96.....	gguucgauucccgcgccAg.....	1
Gi3_25246829_x94.....	agaucggguucgauucc.....	0
Gi5_7369994_x94.....	gCucgauucccgcgccg.....	1
Gi3_25254537_x94.....	gguucgauucUcggcgccggagc.....	1
Gi1_3431858_x93.....	Cuucgauucccgcgccgg.....	1
Gi3_25304938_x91.....	gguucgauucccgcgUcggagc.....	1
Gi3_25293472_x91.....	.Auucgauucccgcgccgga.....	1
Gi1_3443389_x90.....	Agguucgauucccgcgccgg.....	1
Gi2_9277568_x89.....	gAuucgauucccgcgccggagc.....	1
Gi5_7424212_x89.....	acagaucggguucgauucccgcg.....	0
Gi1_3455056_x88.....	guucgGuucccgcgccgg.....	1
Gi5_7436018_x88.....	gGucgauucccgcgccggagc.....	1
Gi2_9296624_x87.....	ggGucgauucccgcgccggagc.....	1
Gi1_3464465_x86.....	Uguucgauucccgcgccg.....	1
Gi3_25413852_x85.....	cccaacagaucggguucgauucc.....	0
Gi3_25425115_x84.....	cagaucggguucgauucccgcgccgg.....	0
Gi3_25423855_x84.....	gguucgauucccgcgAccggagc.....	1
Gi3_25418899_x84.....	.Auucgauucccgcgccggagc.....	1
Gi3_25424863_x84.....	gguucgauucccgcgccAggagc.....	1
Gi5_7492827_x83.....	Aguucgauucccgcgccggagc.....	1
Gi2_9348290_x83cucacccaacagaucgg.....		0
Gi1a_5050925_x83.....	Uguucgauucccgcgccggagc.....	1
Gi1_3484149_x82.....	guucAauucccgcgccgg.....	1
Gi5_7506722_x82.....	gguucgauucccgcgccggagcguu.....	0
Gi3_25483214_x81.....	gguucgauucccgcgccggG.....	1
Gi3_25483376_x81.....	gguucgauucccgcgccAgagc.....	1
Gi1_3491081_x81.....	guucgauucccgcgccAg.....	1
Gi3_25469201_x81.....	gguucgauuccUcggcgccggagc.....	1
Gi2_9378699_x80.....	uucgauucccgcgccggag.....	0
Gi3_25486936_x80.....	ggCucgauucccgcgccgga.....	1
Gi3_25504765_x79.....	guucgauucccgcgccggGg.....	1
Gi1_3501457_x78.....	guuUgauucccgcgccgg.....	1
Gi2_9414179_x77.....	.Auucgauucccgcgccgg.....	1
Gi1_3510223_x77.....	gGucgauucccgcgccg.....	1
Gi2_9417028_x77.....	ggAucgauucccgcgccggagc.....	1
Gi5_7559961_x77.....	cgauucccgcgccggagcguuuc.....	0
Gi1_3506604_x77.....	guucUauucccgcgccgg.....	1
Gi4_442433_x77.....	guucgauucccgcgccgga.....	0
Gi3_25568178_x76.....	gguucgauucccgcgccggagU.....	1
Gi2_9443182_x75.....	gguuUgauucccgcgccggagc.....	1
Gi3_25594935_x75.....	guucgauuNccggcgccgga.....	1
Gi5_7589840_x74.....	guucgaCuccggcgccggagc.....	1
Gi3_25620397_x73.....	guucgauuNccggcgccgg.....	1
Gi3_25621492_x73.....	.Auucgauucccgcgccgg.....	1

Gi2_9477623_x72.....	cgauucccgggcgccggagcguuuc.....	0
Gi3_25652418_x72.....	gguucgauUccggcgccggagc.....	1
Gi3_25661387_x71.....	Cguucgauucccgggcgccgga.....	1
Gi1_3536125_x71.....	Uguucgauucccgggcgccgga.....	1
Gi3_25659541_x71.....	ggguucgauucccgggcgccgga.....	0
Gl1a_5110245_x71.....	cgauucccgggcgccggagcC.....	1
Gi1_3538184_x71.....	gGucgauucccgggcgccggagc.....	1
Gi2_9490621_x71.....	gCuucgauucccgggcgccggagc.....	1
Gi1_3539746_x71.....	guucgauucccgUgcccgg.....	1
Gi4_448843_x70cucacccaacagauccggguucg.....	.....	0
Gi2_9498941_x70.....	gguucgauucccgggcgAcggagc.....	1
Gl1a_5117872_x70.....	guucgauucccgggcgccg.....	0
Gi3_25690730_x70.....	guucgGuucccgggcgccgga.....	1
Gi2_9511814_x69.....	gUuucgauucccgggcgccgg.....	1
Gi3_25706398_x69.....	guucgauucccgggcgccggG.....	1
Gi3_25697014_x69.....	ggCucgauucccgggcgccggag.....	1
Gi3_25693495_x69.....	gCucgauucccgggcgccgg.....	1
Gi2_9507881_x69.....	gguucgauucccgggcgccggagA.....	1
Gi5_7667663_x68.....	Auucgauucccgggcgccg.....	1
Gi5_7659095_x68.....	gguucgauNcccggcgccggagc.....	1
Gi3_25725127_x68.....	Aguucgauucccgggcgccg.....	1
Gi2_9519724_x68.....	gguucgauucccAgcgccggagc.....	1
Gi2_9536503_x67.....	gguucgauCcccggcgccggagc.....	1
Gi5_7668269_x67.....	gguucgauucccgggcgccAg.....	1
Gi2_9546257_x66.....	gguucAauuccggcgccggagc.....	1
Gi5_7691722_x66.....	cagauccggguucgauucccgggcgccg.....	0
Gi1_3561746_x66.....	guucgauCcccggcgccgg.....	1
Gi1_3559898_x66.....	guucgauucccAgcgccgg.....	1
Gi5_7680238_x66.....	ggguucgauuccggcgccggagc.....	0
Gi5_7687168_x66.....	ucgauuccggcgccgga.....	0
Gi5_7698366_x65.....	ccggguucgauucccgggcgccgga.....	0
Gi3_25769037_x65.....	gCucgauucccgggcgccggagc.....	1
Gi3_25791259_x64.....	Cguucgauucccgggcgccggag.....	1
Gi1_3572008_x64.....	caacagauccggguucgauucccggc.....	0
Gi2_9577273_x64.....	Auucgauucccgggcgccggagc.....	1
Gi1_3573800_x64.....	guucgauucccgggcgUgg.....	1
Gi2_9578297_x64.....	cgauuccggcgccggagcguuu.....	0
Gi3_25813920_x63.....	guucgauucccgggcgccggCgc.....	1
Gi3_25805856_x63.....	gguucgauucccgggcgccggagcgcA.....	1
Gi2_9582921_x63.....	guucgaCuccggcgccg.....	1
Gi5_7721679_x63.....	gguucgauuccggcgccggagcguuu.....	0
Gi5_7726656_x63.....	Auucgauucccgggcgccgg.....	1
Gi1_3575068_x63.....	gUuucgauucccgggcgccg.....	1
Gi3_25836223_x62.....	gguucgauucccgggcgAc.....	1
Gi3_25833123_x62.....	gguucgauucccgUgccc.....	1
Gi3_25826303_x62.....	guucgGuucccgggcgccggagc.....	1
Gi3_25833619_x62.....	gguucgauucccgggcgccgAagc.....	1

Gi2_9593361_x62.....	gguucgauucccgcgcccgGg.....	1
Gi1_3588651_x61.....	cagauccggguucgauucccgcgcc.....	0
Gi1_3588041_x61.....	guucgauuccUggcgccgg.....	1
Gi1_3585662_x61.....	cacccaacagauccggguucgauucc.....	0
Gi3_25847533_x61.....	gguucgauucccgcgcccgGg.....	1
Gi2_9614597_x61.....	gguucgauuccUggcgccggagc.....	1
Gi3_25867609_x60.....	gguucgauNcccgcgccg.....	1
Gi3_25870549_x60.....	gguucgauuccAggcgccggagc.....	1
Gi5_7768413_x59.....	cgauucccgcgccggagcguuuA.....	1
Gi2_9636740_x59.....	guucgauucccgcgccggagcCu.....	1
Gi5_7785515_x58.....	gguucgauucccgcgccggCgc.....	1
Gi3_25913050_x58.....	gCucgauucccgcgccgga.....	1
Gi2_9646919_x58.....	Aguucgauucccgcgccggag.....	1
Gi2_9663188_x57.....	guucgauuNccggcgccggagc.....	1
Gi3_25956726_x56.....	Aguucgauucccgcgccgg.....	1
Gi3_25942054_x56.....	gguucgauucccgcgccggaAc.....	1
Gi2_9671918_x56.....	Uauucccgcgcccgagc.....	1
Gi3_25948550_x56.....	guCcgauucccgcgccgg.....	1
Gi2_9670686_x56.....	gCucgauucccgcgccggagc.....	1
Gi3_25940150_x56.....	guucgauucccgcgccggagcA.....	1
Gi3_25954822_x56.....	gguucgaCucccgcgccgga.....	1
Gi2_9670070_x56.....	uucgauucccgcgccgga.....	0
Gi5_7824359_x55.....	gCucgauucccgcgccgg.....	1
Gi3_25969945_x55.....	gguucgauucccgcgccUggag.....	1
Gi3_25983306_x54.....	cUauucccgcgccggagc.....	1
Gi2_9702216_x54.....	gguucgauucccggcAccggagc.....	1
Gi3_26016048_x53.....	gguucgauucccgAgccggagc.....	1
Gi3_26032808_x52.....	cgauucccgcgccggagcguuucA.....	1
Gi3_26031092_x52.....	Gcgauucccgcgccggagc.....	1
Gi3_26033432_x52.....	Cuucgauucccgcgccgga.....	1
Gi1_3633854_x52.....	guucgauucccggcAccgg.....	1
Gi5_7864261_x51.....	ggCucgauucccgcgccggagc.....	1
Gi1_3640695_x51.....	guucgauucccgcgccAgg.....	1
Gi5_7874053_x51.....	gguucgauucccgcgccggagcA.....	1
Gi3_26052100_x51.....	gguucgauucccgAcgccggagc.....	1
Gi3_26049448_x51.....	Cuucgauucccgcgccgg.....	1
Gi3_26058286_x50.....	gCuucgauucccgcgccggag.....	1
Gi1_3642664_x50.....	guucgauucUcgcgccgg.....	1
Gi3_26064286_x50.....	gguucgauNcccgcgccgg.....	1
Gi3_26077036_x50.....	guucgauuNccggcgccggagc.....	1
Gi3_26069236_x50.....	Cguucgauucccgcgccg.....	1
Gi2_9747145_x50.....	gguucgauucccgcgccAggagc.....	1
Gi3_26057686_x50.....	gguuGgauucccgcgccggagc.....	1
Gi3_26077436_x50.....	gguucgauucccgcgccggagcU.....	1
Gi3_26081820_x49.....	gAuucgauucccgcgccggag.....	1
Gi1_3647644_x49.....	auccggguucgauucccgcgccgga.....	0
Gi5_7897160_x49.....	Uauucccgcgccggagc.....	1

Gi2_9757944_x49.....	guucgauucccgcgccAga.....	1
Gi1_3647301_x49.....	gguucgauNcccgcgccgg.....	1
Gi3_26079272_x49.....	guucgGuucccgcgccgg.....	1
Gi2_9755445_x49.....	gguucgauucccgcgccggagcCu.....	1
Gi1_3652936_x49.....	gguucgauCcccgcgccgg.....	1
Gi2_9773741_x48.....	Aguucgauucccgcgcc.....	1
Gi1_3653081_x48.....	guucgauucccgcgccggagcA.....	1
Gi1_3657785_x48.....	Aguucgauucccgcgccgg.....	1
Gi2_9777389_x48.....	guCcgauucccgcgccgg.....	1
Gi3_26113280_x48.....	gguucgauCcccgcgccgga.....	1
Gi2_9772973_x48.....	gguucgCuucccgcgccggagc.....	1
Gi3_26130456_x47.....	gguucgGuucccgcgccggag.....	1
Gi2_9784714_x47.....	gguucgauucccgcgccggagU.....	1
Gi1_3662555_x47.....	guucgauucccgcgUcgg.....	1
Gi2_9784902_x47.....	guucgauucccgcgccggCgc.....	1
Gi5_7923906_x47.....	gguucgauucccCgcgccggag.....	1
Gi5_7937975_x46.....	Cuucgauucccgcgccgg.....	1
Gi3_26153651_x46.....	gguucgauUcccgcgccggag.....	1
G1a_5280140_x46.....	gUuucgauucccgcgccggagc.....	1
Gi5_7940367_x46.....	guucgGuucccgcgccg.....	1
Gi3_26152501_x46.....	gguucgauCcccgcgccggag.....	1
Gi2_9805034_x46.....	gguucgauucccgUgcggagc.....	1
Gi2_9796478_x46.....	guucgauucccgcgccggGgc.....	1
Gi3_26153973_x46.....	ggguucgauucccgcgccg.....	0
Gi5_7938021_x46.....	guucgauNcccgcgccg.....	1
Gi2_9809439_x45.....	Gcgauucccgcgccggagc.....	1
Gi5_7946502_x45.....	guCcgauucccgcgccgg.....	1
Gi2_9809574_x45.....	gguucgauucccgAcgccggagc.....	1
Gi2_9814704_x45.....	gguucgauucccgcgccUggagc.....	1
Gi3_26186901_x44.....	gguucgauucccAgcgccgga.....	1
Gi1_3679485_x44.....	guGcgauucccgcgccgg.....	1
Gi2_9825942_x44.....	gguucgauucccgcgccggagcA.....	1
G1a_5301606_x43.....	Uguucgauucccgcgccggag.....	1
Gi5_7973936_x43.....	guucgauNcccgcgccgg.....	1
Gi2_9841797_x43.....	guCcgauucccgcgccggagc.....	1
Gi5_7989610_x42.....	gguucgauucccgcgccggagcGA.....	1
Gi2_9852685_x42.....	gguucgauUcggcgccggagc.....	1
Gi5_7984822_x42.....	cacccaacagauccggguucga.....	0
Gi2_9858523_x42.....	gguucgauucccgcgccAgagc.....	1
Gi3_26228521_x42.....	guCcgauucccgcgccggagc.....	1
Gi2_9851257_x42.....	cgguucgauucccgcgccgga.....	0
Gi2_9863452_x41.....	guucgaCucccgcgccggag.....	1
Gi1_3695766_x41.....	guAcgauucccgcgccgg.....	1
Gi5_7996569_x41.....	gguucgauNcccgcgccg.....	1
Gi3_26252492_x41.....	gguucgauucccgcgccggUgc.....	1
Gi3_26260364_x41.....	auccggguucgauucccgcgccggagc.....	0
Gi5_7993863_x41.....	Aguucgauucccgcgccg.....	1

Gi3_26276010_x40.....	gguucgauAcccggcgccggagc.....	1
Gi1_3697317_x40.....	gUuucgauucccggcgccgga.....	1
Gi3_26276090_x40.....	guucgauucccggcgccAga.....	1
Gi1_3698477_x40.....	guucgauucccgAcgccgg.....	1
Gi3_26263930_x40.....	gCuucgauucccggcgccgga.....	1
Gi2_9893236_x39.....	Cuucgauucccggcgccgg.....	1
Gi3_26283693_x39.....	gguucgaCucccggcgccggag.....	1
Gi3_26299059_x39.....	.Cuucgauucccggcgccggagc.....	1
Gi5_8026280_x39.....	guucgauucccggcAccgg.....	1
Gi3_26305572_x39.....	gguucgauucAcggcgccggagc.....	1
Gi3_26305026_x39.....	agauccggguucgauucccggcgccggagcC.....	1
Gi2_9912081_x38.....	guucgaCucccggcgccgga.....	1
Gi5_8031125_x38.....	guucgauucccggcgccA.....	1
Gi2_9911093_x38.....	guucgauuNccggcgccgg.....	1
Gi3_26318608_x38.....	gguucgGuucccggcgccgga.....	1
Gi3_26320318_x38.....	gguucgauucccggcAccgg.....	1
Gi3_26311426_x38.....	gguucgauucccggcgccggCg.....	1
Gi2_9909383_x38.....	guucgGuucccggcgccggagc.....	1
Gi2_9905051_x38.....	uccggguucgauucccggcgccgga.....	0
Gi2_9913069_x38.....	gguucgauNcccgcgccggag.....	1
Gi1_3709984_x38.....	gUuucgauucccggcgccggag.....	1
Gi5_8033481_x38.....	accacagauccggguucgauucc.....	0
Gi3_26326702_x38.....	guucgauucccggUgccgg.....	1
Gi3_26345147_x37.....	ggAucgauucccggcgccgga.....	1
Gi3_26335638_x37.....	gguucgauucccggcgccA.....	1
Gi5_8046744_x37.....	gguucgauNcccgcgccgga.....	1
Gi5_8052664_x37.....	Cguucgauucccggcgccggagc.....	1
Gi2_9916965_x37.....	Aguucgauucccggcgccg.....	1
Gi3_26331161_x37.....	.Auucgauucccggcgccggag.....	1
Gi1_3717732_x37.....	guucgauucccggcgAcgg.....	1
Gi3_26349402_x37.....	gguucgauucccggcgccgAag.....	1
Gi2_9924698_x37.....	gguucgauucccggcgAc.....	1
Gi2_9923107_x37.....	gguucgauNcccgcgcc.....	1
Gi1_3715031_x37.....	guucgauucccggcgccggag.....	0
Gi3_26352767_x36.....	gguucgauucccggUgccgga.....	1
Gi3_26372855_x36.....	gguucgauucccggcgccggC.....	1
Gi3_26359031_x36.....	gguucgauucccggcAccgga.....	1
Gi5_8055436_x36.....	.....guuuccgccuuuccuucgucu.....	0
Gi2_9929187_x36.....	gguucgauucccggAgccggagc.....	1
Gi2_9939159_x36.....	gguucgauucccggcgccgAagc.....	1
Gi1_3721587_x36cucacccaacagauccggguucgauucc.....		0
Gi3_26361443_x36.....	gguCcgauucccggcgccggag.....	1
Gi5_8058424_x36cucacccCacagauccgg.....		1
Gi3_26352083_x36.....	guucgauucccggcgccggGgc.....	1
Gi2_9939771_x36.....	gguucgauucccggcgccggaAc.....	1
Gi2_9949979_x35.....	gguuGgauucccggcgccggagc.....	1
Gi3_26384355_x35.....	ggCucgauucccggcgccg.....	1

Gi5_8068229_x35.....guucgaCucccgcgccgga.....	1
Gi1_3728247_x35.....guucgauucccgAgccgg.....	1
G1a_5365600_x35.....guucgauucccgcgccgga.....	0
Gi3_26393525_x35.....guucgauuccAgcgccgg.....	1
Gi5_8077714_x35.....guucUauucccgcgccgg.....	1
Gi3_26381415_x35.....agaucggguucgauucccgcgccgagc.....	0
Gi3_26377950_x35.....guCcgauucccgcgccgga.....	1
Gi3_26394120_x35.....uccggguucgauucccgcgccg.....	0
Gi3_26394540_x35.....guucAauucccgcgccgg.....	1
Gi5_8072429_x35.....Cuucgauucccgcgccg.....	1
Gi2_9967459_x34.....gguucgauUccggcgccggagc.....	1
Gi2_9956477_x34.....gguucgauuccUcgccggagc.....	1
Gi5_8085535_x34.....guCcgauucccgcgccg.....	1
Gi2_9965147_x34.....gguucgauNcccgcgccg.....	1
Gi5_8085025_x34cGacccaacagauccgg.....	1
Gi3_26414972_x34.....guucgauucccgUgcccga.....	1
Gi2_9958755_x34.....Aguucgauucccgcgccgga.....	1
Gi3_26413068_x34.....gguucgauuccAgcgccggag.....	1
Gi3_26424136_x33.....gguCcgauucccgcgccgga.....	1
Gi1_3738717_x33.....uccggguucgauucccgcgccgga.....	0
Gi5_8097372_x33.....gguucgauucccgcgccggGgc.....	1
Gi3_26426809_x33.....Aguucgauucccgcgcc.....	1
Gi5_8105061_x33.....gguucgGuucccgcgccggagc.....	1
Gi2_9982581_x33.....gguucgauAccggcgccggagc.....	1
Gi5_8099451_x33.....guucgauucccgcgccUg.....	1
Gi3_26428129_x33.....gguucgauuccUggcgccgga.....	1
Gi2_9978951_x33.....gguucgauucccgcgccggCg.....	1
Gi3_26426050_x33.....guucUauucccgcgccgg.....	1
Gi3_26434465_x33.....guucgauucccgcgccA.....	1
Gi2_9980106_x33.....gguucgauucccgcgUcggagc.....	1
Gi3_26442022_x33.....guucgauucccgcgccAg.....	1
Gi3_26460286_x32.....gAuucgauucccgcgccgga.....	1
Gi3_26450590_x32.....guuUgauucccgcgccgga.....	1
Gi3_26446270_x32.....acagauccggguucgauucccgcgccgg.....	0
Gi5_8108550_x32.....gAuucgauucccgcgccggagc.....	1
Gi3_26457758_x32.....gguucgauAccggcgccggagc.....	1
Gi3_26466494_x32.....ggGucgauucccgcgccggag.....	1
Gi3_26457918_x32.....ggGucgauucccgcgccgga.....	1
Gi1_3745344_x32.....guucgauucccgUcgccgg.....	1
Gi3_26469278_x32.....gguucgauucccgcgccUgga.....	1
Gi5_8111366_x32cucacccaNeagauccgg.....	1
Gi3_26491728_x31.....guucgauuccUggcgccgg.....	1
Gi1_3754578_x31.....ggguucgauucccgcgccgga.....	0
Gi5_8130315_x31.....guucgauucccggcAccg.....	1
Gi2_10011860_x31.....guucgauucccgcgccgC.....	1
Gi3_26487574_x31.....gguuAgauucccgcgccggagc.....	1
Gi3_26480072_x31.....gguucgaCucccgcgccgg.....	1

Gi3_26475019_x31.....guucgauCcccggcgccgga.....	1
Gi3_26478336_x31.....guucUauucccgcgccgga.....	1
Gi3_26477902_x31.....agauccggguucgauucccgcgccggag.....	0
Gi5_8126192_x31.....gguucgaCuccggcgccggagc.....	1
Gi3_26473655_x31.....guucgauCcccggcgccgg.....	1
Gi3_26472911_x31.....guuUgauucccgcgccgg.....	1
Gi2_9999863_x31.....Cuucgauucccgcgccggagc.....	1
Gi5_8137855_x30.....guucgauuccUggcgccg.....	1
Gi2_10018675_x30.....guucgauuccAgcgccggagc.....	1
Gi3_26516520_x30.....guucgauucccgcgUcgga.....	1
Gi3_26512770_x30.....guucgauuccAgcgccgga.....	1
Gi3_26506200_x30.....gguucAauucccgcgccgga.....	1
Gi2_10028005_x30.....Cguucgauucccgcgcc.....	1
Gi1_3758705_x30cucacccaacagauccggguucga.....	0
Gi5_8141425_x30.....gguucgauucccgcgccggC.....	1
Gi1a_5399946_x30.....Uguucgauucccgcgccg.....	1
Gi1_3758915_x30.....auccggguucgauucccgcgccgg.....	0
Gi1_3756845_x30.....aacagauccggguucgauucccgcgccgg.....	0
Gi5_8148740_x29.....acccaacagauccggguucgauucc.....	0
Gi3_26542980_x29.....gguucgauucccgcgAcggag.....	1
Gi2_10032948_x29.....cagauccggguucgauucccgcgccggag.....	0
Gi3_26527030_x29.....guucgauucccgcgUgga.....	1
Gi5_8152887_x29.....guucgauuccUggcgccgg.....	1
Gi1_3764407_x29.....acccaacagauccggguucgauuccg.....	0
Gi3_26528828_x29.....guucAauucccgcgccgga.....	1
Gi3_26539645_x29.....Gucgauucccgcgccggagc.....	1
Gi2_10029874_x29.....gguCcgauucccgcgcc.....	1
Gi1_3767597_x29.....guucgauUccggcgccgg.....	1
Gi1_3764610_x29.....guucgauucccgcgccggagcgA.....	1
Gi5_8144825_x29.....guucgGuucccgcgccgg.....	1
Gi3_26538688_x29.....gguucgauucccgcgGcggagc.....	1
Gi1_3767858_x29.....guucgauucccgcgccCg.....	1
Gi3_26537209_x29.....guucgauNccggcgccggag.....	1
Gi2_10045729_x28.....guucgauuccUggcgccggagc.....	1
Gi2_10045757_x28.....gguuAgauucccgcgccggagc.....	1
Gi3_26555953_x28.....guucgauuccUggcgccggagc.....	1
Gi3_26556541_x28.....guucgauucccgcgAccgga.....	1
Gi3_26554693_x28.....gguucgauucccgcgAcgga.....	1
Gi3_26547861_x28.....guucgGuucccgcgccggag.....	1
Gi5_8162657_x28.....gCuucgauucccgcgccggagc.....	1
Gi2_10055053_x28.....gguucgauucccgcgccggG.....	1
Gi2_10046429_x28.....gguucgauuccAcggcgccggagc.....	1
Gi5_8160949_x28.....gguucgauNccggcgccggag.....	1
Gi1_3770940_x28.....Uguucgauucccgcgccggag.....	1
Gi5_8166913_x28.....gguucgauucccgcgAc.....	1
Gi3_26554441_x28cucacccaacagauccggguucgauucc.....	0
Gi5_8156945_x28.....guucgauucccgcgUcgg.....	1

Gi5_8169947_x27.....gaucggguucgauucccgcgccgga.....	0
Gi3_26592168_x27.....guucgauuccAgcgccggagc.....	1
Gi1_3776601_x27.....guucgaCucccgggcgccgga.....	1
Gi2_10067744_x27.....guucgauucccggcAccgg.....	1
Gi3_26587578_x27.....gguucgauucccgcgccAga.....	1
Gi2_10059158_x27.....guucUauucccgcgccgg.....	1
Gi3_26588604_x27.....gguucgauucccggcAccggag.....	1
Gi1_3780354_x27.....gguucgauucccgcgccgU.....	1
Gi3_26577156_x27.....guucgaGucccgggcgccggagc.....	1
Gi3_26578533_x27cucacccaacagauccggguucgauu.....	0
Gi3_26585094_x27.....ggAucgauucccgcgccggag.....	1
Gi5_8170649_x27.....guucgauCcccggcgccg.....	1
G1a_5426177_x27.....Uguucgauucccgcgccgg.....	1
Gi3_26590710_x27.....aacagauccggguucgauucccgcgccgga.....	0
Gi3_26601935_x26.....gguucgauucUcggcgccggag.....	1
Gi1_3781945_x26.....guucgauucccgcgccgA.....	1
Gi5_8186590_x26.....guucgauuccAgcgccg.....	1
Gi5_8191868_x26Gucacccaacagauccgg.....	1
Gi3_26596267_x26.....guucgauucccgcgAcgg.....	1
Gi3_26600531_x26.....acagauccggguucgauucccgcgccggagc.....	0
Gi3_26621123_x26.....Gucgauucccgcgccgga.....	1
Gi2_10076679_x26.....guucgGuucccgcgccgg.....	1
Gi5_8183444_x26.....guGcgauucccgcgccg.....	1
Gi5_8186200_x26.....guucgauucccgUgccc.....	1
Gi5_8194208_x26.....gguucgauucccgUgccc.....	1
Gi2_10097647_x25.....gguucgauucccgUgccc.....	1
Gi2_10095222_x25.....guuUgauucccgcgccggagc.....	1
Gi2_10090447_x25.....guucgauuccUggcgccgg.....	1
Gi5_8203184_x25.....gguuUgauucccgcgccggagc.....	1
Gi1_3790881_x25.....gAucgauucccgcgccgg.....	1
Gi3_26624893_x25.....guucgauucUcggcgccg.....	1
G1a_5450987_x25.....Uguucgauucccgcgccgga.....	1
Gi3_26647618_x25.....gguuUgauucccgcgccggag.....	1
G1a_5444687_x25.....gUuucgauucccgcgccggag.....	1
Gi2_10100297_x25.....aacagauccggguucgauucccgcgccg.....	0
Gi5_8207059_x25.....guucgauucccgcgccAg.....	1
Gi3_26633193_x25.....gguucgauNcccggcgcc.....	1
Gi2_10104647_x25.....guucgauucccgcgccAg.....	1
Gi3_26638018_x25.....gguucgauuccAgcgccgg.....	1
Gi3_26649193_x25.....gguucgauucccgUgcccggag.....	1
Gi2_10100072_x25.....gguucgauNcccggcgccgga.....	1
Gi3_26640343_x25.....guucgauucGcgcgccggagc.....	1
Gi3_26645368_x25.....guucgauucccggcAccgg.....	1
Gi5_8197809_x25.....Aguucgauucccgcgccgga.....	1
Gi1_3790131_x25.....guucgaCucccgggcgccg.....	1
Gi3_26621768_x25.....gguucgCuucccgcgccgga.....	1
Gi3_26674952_x24.....gguucgauucccgcgUcggga.....	1

Gi3_26663672_x24.....	gguucAuuucccggcgcggag.....	1
Gi3_26666672_x24.....	aUauccgguucgauucc.....	1
Gi3_26675528_x24.....	gguucgauucccggcgcggUg.....	1
Gi2_10115803_x24.....	gguucgauucccggcgcggagc.....	1
Gi1_3798686_x24.....	gguucgaCucccggcgcgg.....	1
Gi3_26665520_x24.....	gguucgaCucccggcgcgg.....	1
Gi5_8218584_x24.....	guucgauucccggcgcggagcguuucc.....	0
Gi3_26671712_x24.....	gguuUgauucccggcgcggga.....	1
Gi3_26658896_x24.....	guucgauucccggcgcggUcgg.....	1
Gi3_26675624_x24.....	guucgauCcccggcgcggagc.....	1
Gi5_8228700_x23.....	guucAuuucccggcgcgg.....	1
Gi4_499827_x23.....	Uguucgauucccggcgcgg.....	1
Gi3_26687529_x23.....	gguAcgauucccggcgcggag.....	1
Gi5_8231069_x23.....	guucUauucccggcgcgg.....	1
Gi3_26687230_x23.....	ggGucgauucccggcgcgg.....	1
Gi5_8229942_x23.....	Cguucgauucccggcgcgg.....	1
Gi3_26697833_x23.....	gguucgauCcccggcgcgg.....	1
Gi1_3799979_x23.....	guucgCuucccggcgcgg.....	1
Gi5_8227343_x23.....	gguucgauucccAgcgcggagc.....	1
Gi1_3800485_x23.....	guucgauucccggcgcgggaU.....	1
Gi2_10137065_x23.....	gCucgauucccggcgcgg.....	1
Gi4_499091_x23.....	gUuucgauucccggcgcgg.....	1
Gi3_26697948_x23.....	gguucgauucUcgggcgcggga.....	1
Gi3_26701122_x23.....	guucgauucccgAcgcggagc.....	1
Gi5_8222398_x23.....	guucgauucccggcgcggagcA.....	1
Gi5_8228263_x23.....	gguucgauuccUgggcgcggagc.....	1
Gi2_10128003_x23.....	guucUauucccggcgcggagc.....	1
Gi5_8223571_x23.....	guucgauucccggcgcggagcGA.....	1
Gi5_8220144_x23.....	guuUgauucccggcgcgg.....	1
Gi1_3813437_x22.....	gAuucgauucccggcgcgg.....	1
Gi2_10138452_x22.....	guuUgauucccggcgcgg.....	1
Gi5_8240427_x22.....	gguucgauNcccgcgcgg.....	1
Gi3_26727450_x22cGcaccacagauccg.....		1
Gi3_26709784_x22.....	guAcgauucccggcgcgg.....	1
Gi1_3812227_x22.....	guucgauucccggcgcggC.....	1
Gi3_26716120_x22.....	gCucgauucccggcgcggag.....	1
Gi3_26725954_x22.....	gguucgauucccggcgcAgga.....	1
Gi3_26711566_x22.....	guucgauucccAgcgcggag.....	1
Gi5_8234575_x22.....	Aguucgauucccggcgc.....	1
Gi2_10139948_x22.....	guucgauucccggcgcggG.....	1
Gi3_26730772_x22.....	gguucgauuccUgcgcggga.....	1
Gi3_26717924_x22.....	uGcgauucccggcgcggga.....	1
Gi3_26717066_x22.....	gguucgGuucccggcgcgg.....	1
Gi3_26740848_x22.....	gguCcgauucccggcgcgg.....	1
Gi3_26718166_x22.....	guAcgauucccggcgcggga.....	1
Gi2_10147758_x22.....	Cguucgauucccggcgcggag.....	1
Gi3_26731828_x22.....	gguCcgauucccggcgcgg.....	1

Gi3_26728088_x22.....	guucgauuuccggcgAgga.....	1
Gi3_26728792_x22.....	gguNcgauuuccggcgccggagc.....	1
Gi2_10140696_x22.....	guGcgauuuccggcgccgg.....	1
Gi2_10151036_x22.....	uGgauuuccggcgccggagc.....	1
Gi3_26727098_x22.....	guucAauuuccggcgccggagc.....	1
Gi3_26726196_x22.....	Cguucgauuuccggcgccgg.....	1
Gi1_3814533_x21.....	gguucgauuuccggcgccggaU.....	1
Gi2_10157743_x21.....	gguucgauuuccAggcgccggagc.....	1
Gi3_26765145_x21.....	cagaucggguucgauuuccggcgccggagcC.....	1
Gi5_8252838_x21.....	gguCcgauuuccggcgccggagc.....	1
Gi5_8253741_x21.....	guucgauuuccggcgccgC.....	1
Gi5_8251956_x21.....	ggAucgauuuccggcgccggagc.....	1
Gi3_26755716_x21.....	Uaucggguucgauuucc.....	1
Gi2_10171771_x21.....	gguucgauuuccAgcgccggag.....	1
Gi5_8254014_x21.....	gguucgauuuccggcgccggagA.....	1
Gi2_10171897_x21.....	guucgauuuccggcgUcggagc.....	1
Gi5_8257437_x21.....	gguucgauCcccggcgccggagc.....	1
Gi5_8255085_x21.....	guucgaCuuccggcgccggag.....	1
Gi5_8255211_x21.....	gguucAauuuccggcgccggagc.....	1
Gi1a_5485777_x21.....	gUuucgauuuccggcgccg.....	1
Gi2_10163098_x21.....	gguucgauuuccggcgUg.....	1
Gi1_3818985_x21Gucaccaacagauccgg.....	.....	1
Gi5_8258970_x21.....	ggGucgauuuccggcgccggagc.....	1
Gi3_26754267_x21.....	guGcgauuuccggcgccgga.....	1
Gi2_10183169_x20.....	guucgauCcccggcgccgg.....	1
Gi3_26804425_x20.....	Ugguucgauuuccggcgccggagc.....	1
Gi5_8268609_x20.....	guucgauuuccggcgAcgg.....	1
Gi2_10175769_x20.....	Aguucgauuuccggcgccgg.....	1
Gi2_10186169_x20.....	gguucgauuuccggcgccggaCc.....	1
Gi5_8276429_x20.....	guucAauuuccggcgccgg.....	1
Gi5_8271389_x20.....	guuUgauuuccggcgccg.....	1
Gi2_10173549_x20.....	guucgauuuccggcgccggagcA.....	1
Gi3_26799545_x20.....	gguucgauuuccgAcgcccga.....	1
Gi3_26802185_x20.....	gguucgCuuccggcgccggag.....	1
Gi3_26786165_x20.....	gaucggguucgauuuccggcgccgga.....	0
Gi2_10181629_x20.....	guucgauCcccggcgccggagc.....	1
Gi3_26801825_x20.....	gAucgauuuccggcgccgg.....	1
Gi2_10185989_x20.....	gguucgauuuccggcgccggagcU.....	1
Gi1_3825530_x20.....	ggCucgauuuccggcgccgg.....	1
Gi1_3821550_x20.....	guucgauAcccgcgccgg.....	1
Gi2_10187089_x20.....	ggGucgauuuccggcgccggag.....	1
Gi3_26803925_x20.....	gguucgauuuccggcgccAgag.....	1
Gi1_3823770_x20.....	gguucgauuuccggcgAcgg.....	1
Gi5_8287020_x19.....	guucgauCcccggcgccgg.....	1
Gi2_10206731_x19.....	gguucgauuAccggcgccggagc.....	1
Gi3_26808840_x19.....	gguucgauuuccggcgccAg.....	1
Gi5_8291903_x19.....	gguucgauuuccggcAccggagc.....	1

Gi1_3834930_x19.....Auucgauuucccgccgagc.....	1
Gi3_26805230_x19.....guCcgauuucccgccgag.....	1
Gi2_10199340_x19.....guucgauuucccgccgAgcg.....	1
Gi2_10199530_x19.....guAcgauuucccgccgagc.....	1
Gi3_26832894_x19.....guucgauuUcggcgccgg.....	1
Gi3_26820183_x19.....guucgauuuccgAcgccgg.....	1
Gi1_3830427_x19.ucacccaacagauccggguucga.....	0
Gi3_26819936_x19.....cUauuuccggcgccgag.....	1
Gi1_3831985_x19.....ggauucgauuuccggcgUgg.....	1
Gi3_26828410_x19.....ggauucgauuuccggcgAcg.....	1
Gi3_26815452_x19.....gAuucgauuuccggcgccg.....	1
Gi3_26830880_x19.....Cuucgauuuccggcgccgag.....	1
Gi3_26822102_x19.....guucgauuuccggcgAcgga.....	1
Gi2_10206845_x19.....ggauucGauuuccggcgcc.....	1
Gi3_26821722_x19.....guucgauuuccUggcgccgga.....	1
Gi2_10196756_x19.....guucgauuuccggcgccgCagc.....	1
Gi2_10215526_x18.....guucgauuuccggcgUcgg.....	1
Gi2_10218298_x18.....agauccggguucgauuuccggcgccgagcC.....	1
Gi3_26842750_x18.....guucgauuuccggUgcccggagc.....	1
Gi3_26859778_x18.....guucgauuuccggcgUgg.....	1
Gi3_26850778_x18.....ggauucgauuuccggcgccgCagc.....	1
Gi3_26843128_x18.....guCcgauuuccggcgccgg.....	1
Gi1_3840465_x18.....guucgauuuccggcgccggG.....	1
Gi1_3842463_x18.....Gucgauuuccggcgccgg.....	1
Gi2_10224454_x18.....gguuUgauuuccggcgccgga.....	1
Gi3_26844622_x18.....uGcgauuuccggcgccgagc.....	1
Gi5_8302311_x18.....guucgauuuccggcgUcg.....	1
Gi3_26873890_x18.....uGgauuuccggcgccgagc.....	1
Gi2_10218010_x18.....ggauucgauuuccggcgUgga.....	1
Gi1a_5511635_x18.....Uguucgauuuccggcgcc.....	1
Gi4_506352_x18.....ggauucgauuuccggcgccgagcC.....	1
Gi3_26846368_x18.....gguuUgauuuccggcgccg.....	1
Gi2_10223176_x18.....guucAauuuccggcgccgagc.....	1
Gi2_10224562_x18.....guucgauuuccggcgUgg.....	1
Gi3_26859400_x18.....ggauucgauuuccggcgccUgagc.....	1
Gi3_26866942_x18.....guucgauuuccggAgccgg.....	1
Gi3_26870074_x18.....guucgauuuccUggcgccgag.....	1
Gi3_26896844_x17.....guucgauuUccggcgccgg.....	1
Gi3_26878246_x17.....ggauucGauuuccggcgccgagc.....	1
Gi5_8318266_x17.....aUauccggguucgauuucc.....	1
Gi5_8310769_x17.....caacagauccggguucgauuuccggcgccg.....	0
Gi5_8315223_x17.....gAuucgauuuccggcgccgg.....	1
Gi1_3854747_x17.....ggauucgauuuccggUgcccgg.....	1
Gi3_26909917_x17.....guucgauuuccggcgAgg.....	1
Gi4_508099_x17.....Uuucgauuuccggcgccgg.....	1
Gi1_3850973_x17.....aUauccggguucgauuucc.....	1
Gi2_10243414_x17.....guucgauuuccUggcgccgg.....	1

Gi5_8319694_x17	.guucgauucccggcgUgg	1
Gi2_10238654_x17	.ggCucgauucccggcgc	1
Gi1_3850905_x17	.Auucgauucccggcgcgga	1
Gi2_10230664_x17	.gguucgauucccggcgcgUgc	1
Gi3_26878059_x17	.gGuucccggcgcgagc	1
Gi5_8310820_x17	.guucgauUccggcgccg	1
Gi3_26901825_x17	.gguucgauucccgAgccgga	1
Gi1_3848525_x17	.guucgauucccggcgGgg	1
Gi3_26882904_x17	.guucgauucccggcgcUga	1
Gi3_26912263_x17	.Ugguucgauucccggcgcgag	1
Gi3_26877923_x17	.guucgauAcccggcgcg	1
Gi2_10229746_x17	.gguucgauucccggcgAcg	1
Gi3_26882003_x17	.gguucgGuucccggcgcg	1
Gi2_10246083_x17	.guucgauucccggcgcAgagc	1
Gi3_26893376_x17	.guucgauucccggcgcgAa	1
Gi3_26903763_x17	.guucgauucccggcgcgagcgA	1
Gi1_3848746_x17	.guucgaCucccggcgcgagc	1
Gi3_26882054_x17	.gguucgauucccgGcccgagc	1
Gi2_10232534_x17	.gguucgauucccggcAcc	1
Gi2_10238671_x17	.guucgauucUcggcgccggagc	1
Gi2_10239453_x17	.Auucgauucccggcgcgga	1
Gi1_3846808_x17	.guucgauuAccggcgccg	1
Gi1_3862977_x16	.guucgauuccAggcgcg	1
Gi3_26935261_x16	.gguucgauucccgAcgccggag	1
Gi2_10263641_x16	.guAcgauucccggcgcg	1
Gi3_26932605_x16	.gguucgauucccggcgcggaA	1
Gi3_26943453_x16	.gguucgauCcccggcgcg	1
Gi2_10261465_x16	.gguucgauucccAgcgc	1
Gi3_26916285_x16	.gguucgauuccGggcgccggagc	1
Gi3_26946093_x16	.guucgauucccggcgcgC	1
Gi3_26920877_x16	.guucgauAcccggcgcgga	1
Gi2_10267577_x16	.Cguucgauucccggcgcg	1
Gi3_26925405_x16	.gguucgauucccgAgccg	1
Gl1a_5537341_x16	.gUuucgauucccggcgcgga	1
Gi1_3857777_x16	.gguucgCuucccggcgcg	1
Gi5_8333760_x16	.ggCucgauucccggcgcg	1
Gi3_26948301_x16	.gAuucgauucccggcgcg	1
Gi3_26919517_x16	.cUgguucgauucccggcgcgga	1
Gi5_8335584_x16	.guucgauucccgUgccg	1
Gi1_3856657_x16	.gCucgauucccggcgcgga	1
Gi2_10252361_x16	.gguucgUuucccggcgcgagc	1
Gi1_3861793_x16	.Uguucgauucccggcgc	1
Gi1_3858289_x16	.gguucgGuucccggcgcg	1
Gi2_10258249_x16	.gguucgaCucccggcgcg	1
Gi5_8323808_x16	.guucgauucUcggcgccg	1
Gi5_8337504_x16	.Aguucgauucccggcgcgag	1
Gi3_26942765_x16	.gAucgauucccggcgcgagc	1

Gi5_8331232_x16.....	Auucgauuucccgcccgga.....	1
Gi3_26941533_x16.....	.guucgauucUcggcgccgga.....	1
Gi3_26919165_x16.....	.ggCucgauuucccgcccg.....	1
Gi3_26921565_x16.....	.ggAucgauuucccgcccg.....	1
Gi2_10268377_x16.....	.guucgauuucccgcgAcgggagc.....	1
Gi2_10269849_x16.....	.guucgauuucccgcgGcgggagc.....	1
Gi1_3858945_x16.....	.ggguucgauuucccgAcgccg.....	1
Gi2_10257705_x16.....	.guucgauuucccgcgUgggagc.....	1
Gi5_8336528_x16.....	.Aguucgauuucccgcgccgg.....	1
Gi2_10256521_x16.....	.ggguucgauuucccgccAga.....	1
Gi5_8327520_x16.....	.guAcgauuucccgcccg.....	1
Gi1_3861985_x16.....	.guucgauucAcggcgccgg.....	1
Gi3_26935277_x16.....	.gAucgauuucccgcccgga.....	1
Gi2_10263561_x16.....	.ggguucgauuuccGggcgccggagc.....	1
Gi1_3870362_x15.....	.ggGucgauuucccgcccg.....	1
Gi2_10287895_x15.....	.guucAauuucccgcccg.....	1
Gi2_10287565_x15.....	.guGcgauuucccgccggagc.....	1
Gi2_10281325_x15.....	.gAaucgauuucccgcccgag.....	1
Gi3_26953060_x15.....	.guucUauuucccgccggagc.....	1
Gi2_10287145_x15.....	.guucgauuucccgcccgA.....	1
Gi3_26983810_x15.....	.ggguucgauuuccUgcccggag.....	1
Gi3_26981320_x15.....	.ggCucgauuucccgcc.....	1
Gi2_10274605_x15.....	.guCcgauuucccgcccg.....	1
Gi5_8340467_x15.....	.guucgauuucccgccCg.....	1
Gi5_8338577_x15.....	.guucgauuccAgcccg.....	1
Gi3_26985805_x15.....	.guucgauuUccggcgccggag.....	1
Gi3_26966755_x15.....	.gCuucgauuucccgcccg.....	1
Gi2_10291720_x15.....	.guucgauAcccgcccgagc.....	1
Gi5_8349707_x15.....	.guucgauucccgAgccg.....	1
Gi3_26960050_x15.....	.guucgauuAccggcgccggagc.....	1
Gi3_26977105_x15.....	.cagauccggguucgauuucccgccggagc.....	0
Gi3_26953450_x15.....	.guucgauuucccgccCg.....	1
Gi5_8354912_x15.....	.ggguucgauuucccgcgUgggagc.....	1
Gi2_10275640_x15.....	.gCucgauuucccgcccg.....	1
Gi3_26969215_x15.....	.guAcgauuucccgccggagc.....	1
Gi1a_5552324_x15.....	.gUucgauuucccgcc.....	1
Gi5_8344007_x15.....	.ggguucgauuuccggUgcccggagc.....	1
Gi3_26986465_x15.....	.guucgauuucccgccAgggagc.....	1
Gi3_26957575_x15.....	.Auucgauuucccgcccg.....	1
Gi3_26975290_x15.....	.guucgauucUcggcgccggagc.....	1
Gi5_8339057_x15.....	.ggguucgauuuccAgcccgga.....	1
Gi2_10292530_x15.....	.guucgauuucccgccAccggagc.....	1
Gi3_26978710_x15.....	.acagauccggguucgauuucccgcccgga.....	0
Gi5_8351162_x15Ccaccacagauccgg.....	.....	1
Gi1_3870317_x15.....	.gCuucgauuuccggcgcccg.....	1
Gi2_10293895_x15.....	.ggguucgGuuuccggcgccggag.....	1
Gi3_26972620_x15.....	.ggguucgauuuccAgggcgccgga.....	1

Gi3_26954470_x15.....	gguucgauuGccggcgccggagc.....	1
Gi5_8346857_x15.....	gguucgauNcccggcgcc.....	1
Gi2_10273030_x15.....	guucgGuucccgggcgccgga.....	1
Gi1a_5544824_x15.....	Uuucgauucccgggcgccggagc.....	1
Gi3_26952685_x15.....	gguucgauuUccggcgccgga.....	1
Gi2_10291690_x15.....	ggCucgauucccgggcgccggag.....	1
Gi2_10284595_x15.....	guucgauucccgUgcccgg.....	1
Gi3_27029341_x14.....	.uucgauucccgggcgccgC.....	1
Gi3_27021501_x14.....	.guGcgauucccgggcgccggag.....	1
Gi5_8372561_x14.....	.guGcgauucccgggcgccgg.....	1
Gi3_27010399_x14.....	ggNucgauucccgggcgccggagc.....	1
Gi2_10316595_x14.....	.gAuucgauucccgggcgcc.....	1
Gi3_27002125_x14.....	gguucgauucccgggcgAccg.....	1
Gi5_8368865_x14.....	ggCucgauucccgggcgcc.....	1
Gi2_10297023_x14.....	gguucgauCcccggcgccgga.....	1
Gi3_27005429_x14.....	.gCuucgauucccgggcgccgg.....	1
Gi5_8363433_x14.....	.Cuucgauucccgggcgccgga.....	1
Gi3_27000333_x14.....	gguucgauucccgggcgccCgagc.....	1
Gi2_10296631_x14.....	.guucgauuNccggcgccg.....	1
Gi3_27019345_x14.....	.guucgauuccAgggcgccgg.....	1
Gi5_8360045_x14.....	.gAuucgauucccgggcgccg.....	1
Gi3_27018169_x14.....	.guuUgauucccgggcgccggagc.....	1
Gi5_8363685_x14.....	gguucgauucccgggcgccggagU.....	1
Gi3_27015145_x14.....	gguucgauAcccgggcgccggag.....	1
Gi2_10306039_x14.....	.guucgauucccgAgccggagc.....	1
Gi5_8365253_x14.....	Cguucgauucccgggcgccgga.....	1
Gi3_27016139_x14.....	gguuGgauucccgggcgccgga.....	1
Gi2_10298059_x14.....	.guucgauuUccggcgccgg.....	1
Gi5_8356405_x14.....	gguucgauucccAgcgccg.....	1
Gi3_27000277_x14.....	.uucgauucccgggcgccggCgc.....	1
Gi5_8362635_x14.....	gguucgauucccgggcgccggGg.....	1
Gi5_8363755_x14.....	gguucAauucccgggcgccg.....	1
Gi2_10313193_x14.....	.guucgauucccgggcgccA.....	1
Gi3_27012821_x14.....	.gCucgauucccgggcgccg.....	1
Gi3_27005163_x14.....	.guucgauucccgggcgccgAagc.....	1
Gi1_3877780_x14.....	ggCucgauucccgggcgccggagc.....	1
Gi5_8358995_x14.....	.gCucgauucccgggcgccgga.....	1
Gi5_8359135_x14.....	ggCucgauucccgggcgccgga.....	1
Gi3_26999605_x14.....	gguucgauuccUggcgccgg.....	1
Gi3_26999759_x14.....	gguucgauucccgUgcccg.....	1
Gi5_8360829_x14.....	gguucgauucccUgcccggagc.....	1
Gi2_10313039_x14.....	.guucgauucccgggcgccUg.....	1
Gi3_27015621_x14.....	.guGcgauucccgggcgccggagc.....	1
Gi3_27004211_x14.....	gguucgauucccgggcgUccggag.....	1
Gi2_10316175_x14.....	.guucgauucccgggcgccgAagc.....	1
Gi1_3875372_x14.....	gguucgauucccgggcAccgg.....	1
Gi5_8363377_x14.....	gguucgCuucccgggcgccg.....	1

Gi3_27001719_x14.....gAuucgauucccgcgcc..... 1
Gi3_27022649_x14.....guucgauucccgcgGcggagc..... 1
Gi3_27000123_x14.....gguucgauucccgcgccgAa..... 1
Gi3_27009573_x14.....guucgauucccgcgAcggagc..... 1
Gi5_8383855_x13.....guucgauucUcggcgccgg..... 1
Gi5_8373858_x13.....Cguucgauucccgcgccgg..... 1
Gi5_8373910_x13.....ggGucgauucccgcgccg..... 1
Gi1_3885592_x13.....guucgauucccgcgGcgg..... 1
Gi2_10336390_x13.....gguucgauucccgcgccgCagc..... 1
Gi1_3891845_x13.....gguucgauNcccggcgccggagc..... 1
Gi2_10332919_x13.....aUauccggguucgauucc..... 1
Gi3_27046542_x13.....gguuGgauucccgcgccggag..... 1
Gi3_27063065_x13.....gguucgauucccgcgccgA..... 1
Gi2_10330592_x13.....guucgauucccgcgccggaAc..... 1
Gi3_27072802_x13.....gguucgauucccCgcgccggagc..... 1
Gi5_8389601_x13.....gguucgaCucccgcgccg..... 1
Gi5_8384674_x13.....gguucgauucccgcgAcggagc..... 1
Gi3_27062818_x13.....gguucgauuccUggcgcc..... 1
Gi1_3884643_x13.....guucgauucccAgcgccgga..... 1
Gi3_27045437_x13.....guucgauucccgcgccAgagc..... 1
Gi2_10322298_x13.....gguucgauucccgcgAccgga..... 1
Gi2_10324222_x13.....gguucgauucccgcgccAgag..... 1
Gi1_3892261_x13.....guucgauucccgcgccggU..... 1
Gi3_27062961_x13.....guucgauCcccggcgccggag..... 1
Gi3_27042083_x13.....Cguucgauucccgcgcc..... 1
Gi5_8376926_x13.....gguucgauucUcggcgccg..... 1
Gi3_27048310_x13.....gguucgauuccUggcgccg..... 1
Gi5_8373351_x13.....gguucgauucccgcgccggG..... 1
Gi3_27043669_x13.....guucgauuccAgcgccgga..... 1
Gi2_10328811_x13.....ggCucgauucccgcgccg..... 1
Gi5_8380410_x13.....guucgauucccgcgGcgg..... 1
Gi3_27077092_x13.....gguucgauucccgcgccggaUc..... 1
Gi2_10322532_x13.....gguucgauucccgcgccggagcgA..... 1
Gi4_514174_x13.....Uguucgauucccgcgccggagc..... 1
Gi1_3885540_x13.....guuNgauucccgcgccgg..... 1
Gi3_27057319_x13.....guucgCuucccgcgccggagc..... 1
Gi3_27067030_x13.....gguuAgauucccgcgccgga..... 1
Gi5_8373884_x13.....gguucgauucccgcgccAgagc..... 1
Gi3_27052301_x13.....gguucgauucccgcgAggag..... 1
Gi2_10322402_x13.....guucgauucccgcgccggagcU..... 1
Gi3_27044670_x13.....guucgauUcggcgccggagc..... 1
Gi5_8390368_x13.....guucgauucccgUcggcg..... 1
Gi5_8376679_x13.....guucgauNccggcgccgga..... 1
Gi2_10338912_x13.....guucgaGucccggcgccggagc..... 1
Gi2_10338106_x13.....gCuucgauucccgcgccggag..... 1
Gi2_10332256_x13.....gguAcgauucccgcgccggagc..... 1
Gi5_8382022_x13.....guucgauucccgcgccggCgc..... 1

Gi3_27065327_x13.....	guucgGuucccgccg	1
Gi5_8385636_x13.....	guAcgauucccgccg	1
Gi3_27059906_x13.....	gguucUauucccgccg	1
Gi4_513719_x13.....	guucgauucccgccg	0
Gi3_27039015_x13.....	gguucgauUccggccg	1
Gi2_10321648_x13.....	guucgauucccgccg	1
Gi3_27063494_x13.....	uGgauucccgccg	1
Gi3_27050338_x13.....	guucgauucccgccg	1
Gi1a_5572419_x13.....	gUuucgauucccgccg	1
Gi3_27064742_x13Gucacccaacagauccg.....		1
Gi3_27052756_x13.....	gguucgauucccgccg	1
Gi3_27043162_x13.....	gguucgauucccgccg	1
Gi3_27117285_x12.....	gguucgauucAcggccg	1
Gi3_27113469_x12.....	uUgauucccgccg	1
Gi2_10345018_x12.....	guucgauuNccggccg	1
Gi2_10367230_x12.....	guucgauucccAgccg	1
Gi3_27110877_x12.....	guucgauucccgccg	1
Gi3_27097029_x12.....	gguucgauucccgccg	1
Gi5_8404434_x12.....	gCucgauucccgccg	1
Gi3_27123429_x12.....	guucgauucccgccg	1
Gi5_8401218_x12.....	gUuucgauucccgccg	1
Gi3_27087333_x12.....	caacagauccggguucgauucccgccg	0
Gi1_3899774_x12.....	uGcgauucccgccg	1
Gi3_27118293_x12.....	guucUauucccgccg	1
Gi2_10349386_x12.....	gAucgauucccgccg	1
Gi2_10359070_x12.....	Cuucgauucccgccg	1
Gi5_8400042_x12.....	gAuucgauucccgccg	1
Gi3_27131349_x12.....	guucgauuUccggccg	1
Gi5_8393478_x12.....	gguucgCuucccgccg	1
Gi2_10354906_x12.....	guucgauucccAgccg	1
Gi2_10356202_x12.....	gGuucccgccg	1
Gi5_8394774_x12.....	guucgauucccgccg	1
Gi3_27127785_x12.....	guucgauucccgccg	1
Gi3_27088305_x12.....	gguucgauucccgccg	1
Gi3_27122361_x12.....	gguucgauuUccggccg	1
Gi2_10350382_x12.....	Auucgauucccgccg	1
Gi1_3897482_x12.....	guucgAuucccgccg	1
Gi5_8394810_x12.....	guucgauucccgAgccg	1
Gi5_8400306_x12.....	guucgauucccgccg	1
Gi1_3895370_x12.....	gguucgauucccAgccg	1
Gi5_8402034_x12.....	guucgauucccgccg	1
Gi5_8407494_x12.....	guucgauucccgccg	1
Gi3_27112941_x12.....	gguucgAuucccgccg	1
Gi5_8403234_x12.....	gguucgauucccgccg	1
Gi3_27093009_x12.....	gguucgauucccgccg	1
Gi2_10344394_x12.....	guucgauucccgccg	1
Gi2_10353190_x12.....	gguucgauuccUggcc	1

Gi2_10354426_x12.....	gguucgGuuuccggcgccgga.....	1
Gi3_27126693_x12.....	guucgauuccCgcgcggagc.....	1
Gi2_10364326_x12.....	gguucgauuccggGgccggagc.....	1
Gi1_3897854_x12.....	guucgauuccUgcgccgg.....	1
Gi5_8395722_x12.....	gguucgauuccggcgUgga.....	1
Gi2_10356154_x12.....	ggGucgauuccggcgccgga.....	1
Gi3_27117369_x12.....	gguucgauuccggcgAg.....	1
Gi5_8404902_x12.....	gguucgauuccggcgccggCg.....	1
Gi5_8407074_x12.....	gguucgauuccggcgAggagc.....	1
Gi5_8404566_x12.....	gguucgaCuccggcgccgg.....	1
Gi3_27124785_x12.....	gguucgauuccggUgccgg.....	1
Gi1_3900650_x12.....	guucgauuccCgcgccgg.....	1
Gi2_10344010_x12.....	guuUgauuccggcgccg.....	1
Gi2_10365874_x12.....	gguNcgauuccggcgccggagc.....	1
Gi5_8401914_x12.....	Uuucgauuccggcgccggag.....	1
Gi3_27096909_x12.....	guucgauuccggcgGcgg.....	1
Gi2_10363918_x12.....	gguucgCuuccggcgccggag.....	1
Gi5_8431057_x11.....	guucgauucAcggcgccg.....	1
Gi3_27151873_x11.....	guucgauuccggcgUcggagc.....	1
Gi5_8426822_x11.....	gguucgauuccggcgUg.....	1
Gi5_8420024_x11.....	gguucgauuccggcgccA.....	1
Gi2_10388832_x11.....	ggAucgauuccggcgcc.....	1
Gi1_3905453_x11.....	Aguucgauuccggcgccgga.....	1
Gi2_10385290_x11.....	gCucgauuccggcgccggag.....	1
Gi3_27186776_x11.....	uuUgauuccggcgccggagc.....	1
Gi5_8429264_x11.....	guucgauuUccggcgccg.....	1
Gi3_27168615_x11.....	ucgauuccNggcgccggagc.....	1
Gi1_3909710_x11.....	Aguucgauuccggcgccggagc.....	1
Gi2_10369868_x11.....	ucgauuccNggcgccggagc.....	1
Gi3_27167878_x11.....	guucgCuuccggcgccgg.....	1
Gi2_10381913_x11.....	Auucgauuccggcgccggag.....	1
Gi3_27142325_x11.....	ccaacagauccggguucgauuccggcgccgg.....	0
Gi1_3909963_x11.....	guucgauuccggcgccAga.....	1
Gi3_27162972_x11.....	Gccggguucgauuccggcgccgga.....	1
Gi5_8414458_x11.....	gguucgauuUccggcgccggagc.....	1
Gi5_8418066_x11.....	gCuucgauuccggcgccg.....	1
Gi3_27172443_x11.....	guucgauuccggcgccgCagc.....	1
Gi3_27173730_x11.....	guucgauuccggcgccgU.....	1
Gi3_27156955_x11cucacccaacagauccggguucgauucc.....	.....	0
Gi2_10391307_x11.....	Cuucgauuccggcgccg.....	1
Gi2_10395916_x11.....	guucgauuccggcgccggagcgA.....	1
Gi5_8419232_x11cucacccaacagGuccgg.....	.....	1
Gi3_27179593_x11.....	guucgauuAccggcgccgga.....	1
Gi2_10373432_x11.....	gguucgauuUccggcgcc.....	1
Gi5_8418286_x11.....	gguucgauuccUggcgccg.....	1
Gi2_10376468_x11.....	guucgauuccUggcgccggag.....	1
Gi1_3907752_x11.....	guucAauuccggcgccgga.....	1

Gi3_27166690_x11.....Gcgauucccgcgccgga.....	1
Gi3_27178779_x11.....gguucgauuAccggcgccggag.....	1
Gi2_10392935_x11.....gguucgaAuucccgcgccggagc.....	1
Gi2_10379944_x11.....ggGucgauucccgcgcc.....	1
Gi3_27138805_x11.....ggGucgauucccgcgcc.....	1
Gi1_3908324_x11.....guucgauucccgcgccggagcU.....	1
Gi5_8422455_x11.....gAucgauucccgcgccg.....	1
Gi2_10384201_x11.....guucgauucccgcgccAgg.....	1
Gi5_8428120_x11.Gcaccacacagaucggguu.....	1
Gi3_27157648_x11.....uGcgauucccgcgccgg.....	1
G1a_5613319_x11.....Uuucgauucccgcgccgg.....	1
Gi3_27180308_x11.....guuAgauucccgcgccgg.....	1
Gi3_27164699_x11.....gguucgauAcccgcgccgga.....	1
Gi3_27169121_x11.....gguucgauucccAgcgccgg.....	1
Gi3_27167482_x11.....gguucgauucccAgcgccg.....	1
Gi1_3907873_x11.....guucgauucccgcgccUgga.....	1
Gi3_27183982_x11.....guucgauucccgAgccggagc.....	1
Gi2_10373322_x11.....guGcgauucccgcgccg.....	1
Gi2_10394222_x11.....gguucgaCuucccgcgccgga.....	1
Gi5_8420310_x11.....guucgauucccgcgccgA.....	1
Gi3_27178009_x11.....Ugguucgauucccgcgccgga.....	1
Gi3_27144360_x11.....aUaucggguucgauucc.....	1
Gi5_8423874_x11.....guucgauucccgAcgccgga.....	1
Gi2_10393540_x11.....gguucgauucccgcgccUc.....	1
Gi2_10376281_x11.....guucgauucccgcgccggCg.....	1
Gi1_3909952_x11.....gguucgauuccUggcgccgg.....	1
Gi2_10397588_x11.....gguucgauCcccgcgcc.....	1
Gi3_27183586_x11.....guucgauucccggcAccggag.....	1
Gi2_10371342_x11.....guucgauucccgUgcccga.....	1
Gi3_27167427_x11.....guucgauucccgUcgccgga.....	1
Gi3_27177382_x11.....guucgauuNccggcgccg.....	1
Gi1_3905156_x11.....gguucgauucccgcgccAgg.....	1
Gi5_8419903_x11.....guuUgauucccgcgccgga.....	1
Gi2_10405312_x10.....guucgauucccgcgccAggagc.....	1
Gi5_8452576_x10.....gguucgauucccgAgccggagc.....	1
Gi5_8447786_x10.....gguucgauucccgAcgcccggagc.....	1
Gi5_8435356_x10.....gguCcgauucccgcgccg.....	1
Gi5_8434636_x10.....ggAucgauucccgcgccg.....	1
Gi5_8447406_x10.....guucgCuucccgcgccg.....	1
Gi1_3916754_x10.....gguucAauucccgcgccgg.....	1
Gi3_27204082_x10.....guucgauucccgcgccUggagc.....	1
Gi3_27209772_x10.....gguucgauucccggcAccg.....	1
Gi2_10412472_x10.....gguucAauucccgcgcc.....	1
Gi3_27210902_x10.....guucgauAcccgcgccggagc.....	1
Gi2_10411892_x10.....guucgGuucccgcgccg.....	1
Gi3_27239182_x10.....Gcgauucccgcgccggag.....	1
Gi3_27204172_x10.....gguucAauucccgcgccg.....	1

Gi3_27240502_x10.....Cuucgauucccgcgccg.....	1
Gi5_8447646_x10.....guucgauucAcggcgccgg.....	1
Gi3_27206282_x10.....gguucgauucccgAcgccg.....	1
Gi3_27197082_x10.....guAcgauucccgcgccggag.....	1
Gi4_520909_x10.....gGucgauucccgcgccgg.....	1
Gi3_27204492_x10.....guucgauucccgAcgccgga.....	1
Gi5_8449856_x10.....gguucgGuucccgcgccg.....	1
Gi2_10409622_x10.....gguucgauucccgcgccggC.....	1
Gi1_3923774_x10.....gguucgauUccggcgccgg.....	1
Gi2_10403512_x10.....gguucgauucccgcgccggUagc.....	1
Gi2_10419612_x10.....cUauucccgcgccggagcguuu.....	1
Gi1_3928104_x10cGcaccacagauccgg.....	1
Gi3_27191172_x10.....gguucgCuucccgcgccgg.....	1
Gi2_10412292_x10.....gguucgUuucccgcgccggag.....	1
Gi2_10397762_x10.....guucgauUccggcgccggagc.....	1
Gi5_8452316_x10.....guucgauNccggcgccggagc.....	1
Gi2_10404252_x10.....gguucgauUccggcgccgga.....	1
Gi5_8448436_x10.....guucgauucccgcgccggGgc.....	1
Gi2_10417302_x10.....gguucgauucccgcgccGggagc.....	1
Gi2_10410772_x10.....gguucgauucccgcgUcggga.....	1
Gi2_10403522_x10.....gguucgCuucccgcgcc.....	1
Gi3_27217412_x10.....gguucgauuccAggcccgag.....	1
Gi2_10401452_x10.....guucgauucccgccAccg.....	1
Gi2_10403692_x10.....guucgauucccgAcgccg.....	1
Gi3_27190712_x10.....gguucgauucAcggcgccgga.....	1
Gi3_27220262_x10.....guucgauucccgcgccC.....	1
Gi3_27209272_x10.....guucgauucccgcgccggUgc.....	1
Gi2_10409192_x10.....gguuUgauucccgcgcc.....	1
Gi3_27220922_x10.....gguucgauuccUgcggcg.....	1
Gi1_3923174_x10.....guucgaAuucccgcgccgg.....	1
Gi3_27233622_x10.....gCguucgauucccgcgccggagc.....	1
Gi3_27205472_x10.....guuUgauucccgcgccggag.....	1
Gi1_3921274_x10.....guCcgauucccgcgccg.....	1
Gi2_10407042_x10.....gguucgauuccUggcgccggag.....	1
Gi3_27226722_x10.....guucgauucccgccAccggagc.....	1
Gi2_10413142_x10.....guucgauucccgcgccggGg.....	1
Gi2_10407172_x10.....guucgauucccgAcgccggagc.....	1
Gi2_10427882_x10.....gguucgauucccgcgccCgagc.....	1
Gi2_10419012_x10.....gCuucgauucccgcgcc.....	1
Gi3_27192892_x10.....guucgauucccgUcggcg.....	1
Gi3_27188212_x10.....guucgCuucccgcgccgga.....	1
Gi1_3920724_x10.....aacagauccggguucgauucccgcgccggagc.....	0
Gi2_10434306_x9.....gguucgauucccgcgccggUc.....	1
Gi3_27283429_x9.....guucgauucccgAgccgga.....	1
Gi2_10438842_x9.....guucgauucccgcgUcggga.....	1
Gi5_8459643_x9.....gguucgGuucccgcgccgg.....	1
Gi5_8453325_x9cucaccUaacagauccgg.....	1

Gi5_8476581_x9.....	.guucgauuuccAgcgccgga.....	1
Gi1_3931120_x9.....	.ucgauuuccggcgccggagcC.....	1
Gi5_8458428_x9.....	.gguucgauuuccggcgccgC.....	1
Gi2_10448607_x9.....	.guucgauuuccggcgAcg.....	1
Gi1_3932884_x9.....	.gCucgauuuccggcgccggagc.....	1
Gi3_27260965_x9.....	.guucgauuuccAgcgccg.....	1
Gi3_27256195_x9.....	.gguucgauuuccggcgccgUagc.....	1
Gi3_27281638_x9.....	.Ggauuccggcgccggagc.....	1
Gi2_10457346_x9.....	.gguucgauCcccggcgccg.....	1
Gi3_27290737_x9.....	.gguucgauuuccGggcgccgga.....	1
Gi2_10447860_x9.....	.guucgauuuccAgcgccgg.....	1
Gi5_8460930_x9.....	.guucgauuuccggcgccgUgga.....	1
Gi3_27297991_x9.....	.ggAucgauuuccggcgccgg.....	1
Gi2_10443045_x9.....	.guucgauuuccggcgccggagA.....	1
Gi5_8470668_x9.....	.gguucgauuuccggcgccggaCc.....	1
Gi4_521253_x9.....	.guucgauuuccggcgccggagc.....	0
Gi2_10443882_x9.....	.gguucAauuccggcgccggag.....	1
Gi1_3936475_x9.....	.gguucgauNcccggcgccg.....	1
Gi3_27271405_x9.....	.guucgauuuccCcgccgg.....	1
Gi3_27296749_x9.....	.ggguucgauuuccggcgccggagcC.....	1
Gi3_27268903_x9.....	.ggGcgauuuccggcgccggagc.....	1
Gi5_8472180_x9.....	.gguucgauuuccUggcgccgg.....	1
Gi5_8469930_x9.....	.gguucgauuuccggcAccgga.....	1
Gi2_10447644_x9.....	.gguucgCuuccggcgccg.....	1
Gi1_3932146_x9.....	.gguucgauuuccggcgccggagcgA.....	1
Gi3_27247375_x9.....	.gguucgauuuccggcCccggagc.....	1
Gi1_3936016_x9.....	.guuUgauuuccggcgccgga.....	1
Gi3_27245107_x9.....	.ggGucgauuuccggcgccgg.....	1
Gi5_8467230_x9.....	.gguucgCuuccggcgccggag.....	1
G1a_5648809_x9.....	.acccaacagauccggguucgauuucc.....	0
Gi2_10446852_x9.....	.gguucgauuuccggUgccc.....	1
Gi5_8467374_x9.....	.guucgauuuccCcgccgg.....	1
Gi5_8458752_x9.....	.gguucgauuuccggcgccAga.....	1
Gi3_27263017_x9.....	.guucgauuuccCcgccggga.....	1
Gi2_10450506_x9.....	.Cguucgauuuccggcgccgga.....	1
Gi2_10434270_x9.....	.gguucgauuuccCcgccggagc.....	1
Gi5_8454351_x9.....	.ggGucgauuuccggcgccgg.....	1
Gi3_27302113_x9.....	.gguuAgauuuccggcgccggag.....	1
Gi5_8463774_x9.....	.gGuuccggcgccggagc.....	1
Gi2_10458642_x9.....	.gguucgauuuccggAgccc.....	1
Gi2_10432020_x9.....	.guucAauuccggcgccgga.....	1
Gi3_27249112_x9.....	.guGcgauuuccggcgccg.....	1
Gi5_8469489_x9.....	.guucgauAcccgcgccg.....	1
Gi5_8461218_x9.....	.ggGucgauuuccggcgcc.....	1
Gi3_27288757_x9.....	.guucAauuccggcgccggag.....	1
Gi5_8454072_x9.....	.Ggauccggguucgauuucc.....	1
G1a_5644426_x9.....	.guucgauuuccggcgccggag.....	0

Gi5_8461515_x9.....	.guucUauucccggcgccga.....	1
Gi2_10437555_x9.....	.guucgauucccggcgccCg.....	1
Gi5_8461047_x9.....	Uguucgauucccggcgccgagcgu.....	1
Gi5_8466123_x9.....	.guucgauucccgAgccg.....	1
Gi5_8464125_x9.....	.Gucgauucccggcgccg.....	1
Gi1_3947309_x8.....	.guucgauucccggcgccgGgc.....	1
Gi3_27320697_x8.....	.guucgauucccgGgccg.....	1
Gi4_525296_x8.....	.gUuucgauucccggcgccgagc.....	1
Gi5_8497897_x8.....	.guucgGuucccggcgccgagc.....	1
Gi3_27331577_x8.....	.gguucgCuucccggcgcc.....	1
Gi3_27360993_x8.....	.guucgauucccggcgccgUg.....	1
Gi2_10487602_x8.....	.guucgauuccAggcgccg.....	1
Gi2_10483890_x8.....	.ggCucgauucccggcgccga.....	1
Gi4_526408_x8.....	.gguucgauucccggcgccga.....	0
Gi5_8493065_x8.....	.gguucgauucUcggcgccgagc.....	1
Gi3_27359665_x8.....	.gguucgauuccGggcgccg.....	1
Gi5_8496041_x8.....	.gguucgauucccggcgAcgga.....	1
Gi2_10487410_x8.....	.gguucgauucUcggcgcc.....	1
Gi5_8490161_x8.....	.ggGucgauucccggcgccgag.....	1
Gi5_8481609_x8.....	.....Uuuucccgccuuccuucgucu.....	1
Gi3_27362081_x8.....	.guucgauucccggcgcGgga.....	1
Gi2_10466082_x8.....	.gguucgauucccggcgcUcg.....	1
Gi3_27374497_x8.....	.gAucgauucccggcgccgag.....	1
Gi3_27328017_x8.....	.guucgaGuucccggcgccga.....	1
Gi3_27328089_x8.....	.guucgauucAcggcgccg.....	1
Gi1_3942421_x8.....	.gguucgauucUcggcgccg.....	1
Gi2_10487194_x8.....	.Gucgauucccggcgccg.....	1
Gi3_27342481_x8.....	.gguucgauuccAggcgccg.....	1
Gi5_8488025_x8.....	.ggAucgauucccggcgccga.....	1
Gi2_10472418_x8.....	.gguCcgauucccggcgccgag.....	1
Gi3_27346385_x8.....	.guucgauucccggcgccCgagc.....	1
Gi2_10492594_x8.....	.guucgauCcccggcgccgga.....	1
Gi1_3955053_x8.....	.gguucgauucccggcgccgagcA.....	1
Gi5_8496129_x8.....	.ggCucgauucccggcgccg.....	1
Gi2_10495786_x8.....	.guucgauucAcggcgccgagc.....	1
Gi2_10494178_x8.....	.gguucgauuccggcAccgag.....	1
Gi2_10479218_x8.....	.gguucgauuccggcAcgga.....	1
Gi2_10479466_x8.....	.guucgauuccCgcgccgagc.....	1
Gi5_8493233_x8.....	.gCuucgauucccggcgccg.....	1
Gi2_10487810_x8.....	.guCcgauucccggcgccgag.....	1
Gi3_27356329_x8.....	.....gauuccAcgcgccgagc.....	1
Gi5_8479537_x8.....	.gguucgauucccgAgccgga.....	1
Gi3_27359369_x8.....	.guucgauucccggcgccggaAc.....	1
Gi1_3943421_x8.....	.gguucgauucccggcgccgU.....	1
Gi3_27363793_x8.....	.guucgauuccggcGccgga.....	1
Gi2_10486802_x8.....	.....ucgauucUcggcgccgagc.....	1
Gi3_27364521_x8.....	.gguucgauucccgAgccgag.....	1

Gi3_27335497_x8.....cgUuucccgggcgccggagc.....	1
Gi3_27320833_x8.....cgauucccgggcgccggCgc.....	1
Gi5_8486097_x8.....guuUgauucccgggcgccggagc.....	1
Gi2_10494842_x8.....ucgauucccgggcgccggGgc.....	1
Gi5_8481825_x8.....ggCucgauucccgggcgccggag.....	1
Gi2_10472842_x8.....guucgauuNccggcgccgga.....	1
Gi3_27348209_x8.....gguuUgauucccgggcgcc.....	1
Gi2_10486738_x8.....gguucgauucccgggcgGcggagc.....	1
Gi1_3946141_x8.....gguCcgauucccgggcgccgg.....	1
Gi2_10476746_x8.....gguucgauNccggcgccgg.....	1
Gi5_8501385_x8.....gguucgauuccAgggcgccggagc.....	1
Gi2_10478338_x8.....gguucgauucccgggAgcc.....	1
Gi1_3947829_x8.....gguuUgauucccgggcgccgg.....	1
Gi2_10481186_x8.....gguucgauucUcggcgccggag.....	1
Gi5_8494609_x8.....gguucgauucccgggcgUc.....	1
Gi5_8493593_x8.....gguucgauucccgggcgUcgga.....	1
Gi2_10477890_x8.....gguuUgauucccgggcgccg.....	1
Gi3_27310729_x8.....gguucgauucccgggcgccgCag.....	1
Gi2_10467834_x8.....guucgauucccgggCccggagc.....	1
Gi2_10475850_x8.....gguucAauucccgggcgccgga.....	1
Gi2_10497218_x8.....guucgauucccAgcgccgga.....	1
Gi5_8476993_x8.....agauccggNuucgauucc.....	1
Gi5_8479161_x8cucGcccaacagauccgg.....	1
Gi5_8486489_x8.....gGucgauucccgggcgccggag.....	1
Gi2_10469946_x8.....guucgUuucccgggcgccgg.....	1
Gi2_10464722_x8.....gguucgGuucccgggcgccg.....	1
Gi2_10482586_x8.....guucgauucccgggcgccUgagc.....	1
Gi2_10466818_x8.....Cuucgauucccgggcgccgga.....	1
Gi2_10480930_x8.....gguucgCuucccgggcgccgga.....	1
Gi5_8487297_x8.....guucgauuccAgggcgccg.....	1
Gi2_10480546_x8.....gguucgauucccgggUgcccga.....	1
Gi1_3943365_x8.....gguucgauucccgggcgccggagU.....	1
Gi2_10474298_x8.....gguucgauucccgggcgccggagG.....	1
Gi2_10469098_x8.....gguucgauucccgggcgccA.....	1
Gi5_8487249_x8.....guucgauucccgggcgccggG.....	1
Gi2_10467634_x8.....guucgauucccgUcgccggagc.....	1
Gi2_10472362_x8.....gguucgauucccAgcgccgga.....	1
Gi5_8493825_x8.....ggGucgauucccgggcgccgga.....	1
Gi2_10486098_x8.....gguucgaCuuccggcgccgg.....	1
Gi1_3945037_x8.....gguucgauucccgggcgccggG.....	1
Gi5_8498865_x8.....guucgUuucccgggcgccg.....	1
Gi2_10488730_x8.....gguucgauucccgggcAccgg.....	1
Gi5_8482345_x8.....gAuucgauucccgggcgcc.....	1
Gi5_8477785_x8.....guCcgauucccgggcgccgga.....	1
Gi2_10493754_x8.....guucgauuAccggcgccggagc.....	1
Gi1a_5671057_x8.....Aguucgauucccgggcgccggagc.....	1
Gi1_3943805_x8.....guucgUuucccgggcgccgg.....	1

Gi2_10471362_x8.....aacagauccggguucgauucccgcgcccg.....	0
Gi3_27324385_x8.....Gucgauucccgcgcccg.....	1
Gi5_8523577_x7.....guucgauucccgcgccUg.....	1
Gi2_10523505_x7.....uGcgauucccgcgcccg.....	1
Gi3_27407679_x7.....gguucgauucccgcgccGggag.....	1
Gi3_27409758_x7.....ucgGuucccgcgccggagc.....	1
Gi5_8527161_x7.....Ugguucgauucccgcgccggagc.....	1
Gi2_10524779_x7.....gguucgauucccgUgcccggag.....	1
Gi1_3957976_x7.....Cuucgauucccgcgccgga.....	1
Gi2_10517688_x7.....gguucgauCcccggcgccggag.....	1
Gi3_27441874_x7.....guucAauucccgcgccg.....	1
Gi2_10525038_x7.....guucUauucccgcgccg.....	1
Gi2_10501994_x7.....guucgCuucccgcgccgg.....	1
Gi5_8514904_x7.....Auucgauucccgcgccggagc.....	1
Gi5_8506868_x7.....gguucgCuucccgcgccgga.....	1
Gi5_8521162_x7.....gguucgauucccgcgccggUgc.....	1
Gi3_27427111_x7.....guucgauucccgcgccGggagc.....	1
Gi2_10501630_x7.....guucgauucccgUgcccggag.....	1
Gi3_27446081_x7.....gguucgauuccAgggcgc.....	1
Gi3_27426285_x7.....guucgauuccUggcgccg.....	1
Gi2_10535055_x7.....ucgauUcccggcgccggagc.....	1
Gi3_27420545_x7.....gguucgauGcccggcgccggagc.....	1
Gi1_3962561_x7.....ggAucgauucccgcgcccg.....	1
Gi2_10499642_x7.....Gucgauucccgcgccggagc.....	1
Gi1_3963688_x7.....guuAgauucccgcgcccg.....	1
Gi3_27444233_x7.....guucgauuccAgcgcgccgga.....	1
Gi3_27405824_x7.....gguucgauucccgcgccGcgga.....	1
Gi5_8506252_x7.....gguucgauucccgcgccgAagc.....	1
Gi1_3967076_x7.....gguucgauucccgcgccggGgc.....	1
Gi1_3958641_x7.....gguucgauucccgcgccAccggagc.....	1
Gi1a_5688204_x7.....gGucgauucccgcgccggagc.....	1
Gi5_8515569_x7.....guucgauucccgUgcccgga.....	1
Gi3_27386308_x7.....gguucgauucccgUcccggagc.....	1
Gi1a_5682142_x7.....gguucgauNcccggcgccggagc.....	1
Gi3_27414959_x7.....gguucgCuucccgcgccg.....	1
Gi3_27423527_x7.....cgauucccNggcgccggagc.....	1
Gi3_27447873_x7.....gguucgauucccgcgccCa.....	1
Gi5_8529632_x7.....ggAucgauucccgcgcccg.....	1
Gi5_8507155_x7.....Gcgauucccgcgccggagc.....	1
Gi5_8514484_x7.....gguucgauucccgcgccAccg.....	1
Gi3_27445787_x7.....gguucgauucccgcgccUg.....	1
Gi5_8521729_x7.....gCuucgauucccgcgccggag.....	1
Gi2_10499586_x7.....gguucgauucccgcgccUgcccggag.....	1
Gi3_27405733_x7.....guucgAGucccgcgcccg.....	1
Gi2_10525598_x7.....gguucgauucccgcgccC.....	1
Gi5_8526216_x7cucacUcaacagauccgg.....x7cucacUcaacagauccgg.....	1
Gi2_10522161_x7.....gguCcgauucccgcgccg.....	1

Gi2_10509813_x7.....guuUgauuucccggcgcgga..... 1
Gi3_27442532_x7.....gguucgauuucAcggcgccg..... 1
Gi2_10534873_x7.....guucCauuucccggcgcg..... 1
Gi2_10516162_x7.....Cguucgauuucccggcgcg..... 1
Gi3_27396451_x7.....guucgCuucccggcgcg..... 1
Gi1_3962540_x7.....gguAcgauuucccggcgcg..... 1
Gi3_27425508_x7.....guCcgauuucccggcgcg..... 1
Gi5_8521813_x7.....gguucgauCcccggcgccg..... 1
Gi5_8519272_x7.....gguCcgauuucccggcgcg..... 1
Gi1_3973922_x7.....uuUgauuucccggcgcg..... 1
Gi2_10536210_x7.....gguucgauuucccgUgcccg..... 1
Gi2_10507881_x7.....guCcgauuucccggcgcgga..... 1
Gi3_27447943_x7.....uucgauuucNcggcgcgagc..... 1
Gi5_8505811_x7.....guucgauuucccgAcgccc..... 1
Gi3_27453277_x7.....gguucgauuucUcggcgcg..... 1
Gi5_8511859_x7.....gguucgauuucccggcgAcg..... 1
Gi5_8516486_x7.....guucgauuucccggcgcgC..... 1
Gi1_3961980_x7.....gguuGgauuucccggcgcg..... 1
Gi1_3961497_x7.....gUuucgauuucccggcgc..... 1
Gi3_27381107_x7.....gguucgauuucccggcgUcgg..... 1
Gi3_27382605_x7.....uucgauuucccggcgcAgagc..... 1
Gi5_8521939_x7.....guucgauuucccggcgGcg..... 1
Gi2_10514692_x7.....guuAgauuucccggcgcg..... 1
Gi3_27451499_x7.....guucgauuucccgUgcccg..... 1
Gi3_27446438_x7.....guucgauuAccggcgccc..... 1
Gi3_27379581_x7.....gguucgauuucccggcgUc..... 1
Gi2_10517387_x7.....ggGucgauuucccggcgcg..... 1
Gi3_27449252_x7.....guucgauuucccggcgcggaC..... 1
Gi2_10525304_x7.....gguucgauuucccggcgCg..... 1
Gi5_8512132_x7.....guuAgauuucccggcgcg..... 1
Gi3_27451051_x7.....gguCcgauuucccggcgc..... 1
Gi3_27381044_x7.....guucgauuucccggcgcAggag..... 1
Gi1_3967965_x7.....guucgauuucccggcgcUg..... 1
Gi2_10529371_x7.....gguucgaCuucccggcgcgag..... 1
Gi1_3960671_x7.....guucCauuucccggcgcg..... 1
Gi3_27448888_x7.....gguucgauuucccggcgcgagG..... 1
Gi3_27434055_x7.....gguucgauuucccggcgcgagcg..... 0
Gi2_10509617_x7.....guucgauuuccUggcgccgga..... 1
Gi3_27424451_x7cucacccaNcagauccg..... 1
Gi3_27418193_x7.....Nguucgauuucccggcgcgagc..... 1
Gi5_8523892_x7.....guucgauuucccggcgcAgagc..... 1
Gi2_10529735_x7.....guucUauuucccggcgcgag..... 1
Gi5_8528449_x7.....gguucgauuuccAgcgc..... 1
Gi3_27407525_x7.....guucgauuucccggcgcgCg..... 1
Gi3_27425942_x7.....guucgauuucccggcgcgagcC..... 1
Gi3_27448104_x7.....ucgaCuucccggcgcgagc..... 1
Gi5_8507673_x7.....guucAauuucccggcgcgagc..... 1

Gi5_8530185_x7.....Uguucgauucccgcgccggagcguu..... 1
Gi1_3973369_x7.....gguucgauucccgcgccggCgc..... 1
Gi2_10522343_x7.....uGcgauucccgcgccggagc..... 1
Gi3_27447810_x7.....gguucgauucUcgcgccg..... 1
Gi3_27386875_x7.....guucgauucccgcgccggaA..... 1
Gi2_10512207_x7.....guucgauucccgcgccCgagc..... 1
Gi5_8508282_x7.....gguucgauucccgAcgcccga..... 1
Gi5_8504460_x7.....gguuUgauucccgcgccg..... 1
Gi1a_5701007_x7.....gguucgauucccgUgcc..... 1
Gi2_10503373_x7.....ucgaCucccgcgccggagc..... 1
Gi3_27382640_x7.....guucgauucccgcgccUg..... 1
Gi5_8512580_x7.....gguucgGuucccgcgccggag..... 1
Gi2_10508350_x7.....gguucgauuccUcgccggag..... 1
Gi2_10515833_x7.....gguucgauuccUggcgccg..... 1
Gi3_27423296_x7.....guuUgauucccgcgccg..... 1
Gi3_27411417_x7.....guucgauucAcgcgccggagc..... 1
Gi3_27416485_x7.....gguucgauuccggAgcc..... 1
Gi3_27394498_x7.....gguucgauucccgAgccgg..... 1
Gi1_3967475_x7.....ggCucgauucccgcgccgga..... 1
Gi5_8503165_x7.....guucgauuAcccgcgccg..... 1
Gi5_8529464_x7.....Uguucgauucccgcgccggagcguuu..... 1
Gi5_8503200_x7.....guucgCuucccgcgccg..... 1
Gi3_27445290_x7.....guucgauucccgcgccCga..... 1
Gi2_10568933_x6.....gguucgauucccgGgcc..... 1
Gi2_10549907_x6.....guucgauuccgAcgcccga..... 1
Gi5_8550985_x6.....gguucgauucccgcgccUgg..... 1
Gi3_27511798_x6.....guucgauucccgcgccUcggg..... 1
Gi5_8541073_x6.....guucgauucccgUcgccg..... 1
Gi2_10569353_x6.....cUcaacagauccggguuc..... 1
Gi2_10583597_x6.....gguCcgauucccgcgccgga..... 1
Gi3_27511150_x6.....gguuGgauucccgcgccg..... 1
Gi1_3988279_x6.....Gucgauucccgcgccggagc..... 1
Gi5_8558725_x6.....gguucgauuccUcgccgg..... 1
Gi5_8532871_x6.....gguucgauucccgcgccAg..... 1
Gi1_3992917_x6.....ucgauuAcccgcgccggagc..... 1
Gi3_27459346_x6.....gguucgauuccGggcgccggag..... 1
Gi3_27520444_x6.....gaCucccgcgccggagc..... 1
Gi2_10587971_x6.....gguucgauucAcgcgccggag..... 1
Gi2_10574765_x6.....gguucgauucccgcgccA..... 1
Gi1_3981253_x6.....guuGgauucccgcgccgg..... 1
Gi5_8554057_x6.....gguGcgauucccgcgccg..... 1
Gi2_10551425_x6.....cgauucccgcgccggagc..... 0
Gi3_27521662_x6.....gguucgGuucccgcgcc..... 1
Gi2_10574453_x6.....gguCcgauucccgcgccgg..... 1
Gi2_10558439_x6.....cgauucccgcgccggagcguuG..... 1
Gi3_27542590_x6.....ucgauucccgcgccggGgc..... 1
Gi3_27525220_x6.....uucgauucccgcgccggC..... 1

Gi5_8535757_x6.....Cguucgauucccggcgccggag..... 1
Gi5_8545987_x6.....gguAcgauucccggcgccggagc..... 1
Gi5_8551537_x6.....gguucgauucccAgcgccgg..... 1
Gi2_10567661_x6.....guucgauCcccggcgcgg..... 1
Gi1_3993187_x6.....gCucgauucccggcgcgg..... 1
Gi1_3986059_x6.....guucgauucccggcgccgU..... 1
Gi3_27501688_x6.....uGgauucccggcgccgga..... 1
Gi3_27507706_x6.....guAcgauucccggcgcgg..... 1
Gi3_27484174_x6.....gguucgauucccggcgccU..... 1
Gi1_3980503_x6.....gguucgauCcccggcgcggagc..... 1
Gi5_8549311_x6.....gguuAgauucccggcgccggagc..... 1
Gi1_3980479_x6.....guucgauucccggcgccA..... 1
Gi2_10585691_x6.....gguucgauucccggcgcAgga..... 1
Gi1_3992587_x6.....guAcgauucccggcgccgga..... 1
Gi5_8533621_x6.....guucgauCcccggcgcggga..... 1
Gi5_8554297_x6.....gguucgauucccggcgccggaAc..... 1
Gi1_3985861_x6.....guCcgauucccggcgccggagc..... 1
Gi5_8536891_x6.....gguucAauucccggcgcgg..... 1
Gi1_3992161_x6.....guucgauucccggcAccgga..... 1
Gi3_27495448_x6Ccaccacaacagauccgg..... 1
Gi1_3984025_x6.....guucgauuNccggcgccgga..... 1
Gi5_8550685_x6.....ucUggguucgauucccggc..... 1
Gi5_8542951_x6cucaccaacagaCccgg..... 1
Gi1_3984469_x6.....guuUgauucccggcgccggagc..... 1
Gi2_10566755_x6.....guucgauucccUgcgccggagc..... 1
Gi2_10575779_x6.....gAucgauucccggcgccgga..... 1
Gi3_27488302_x6.....ucgauucccggcgccggCgc..... 1
Gi1_3986503_x6.....Aguucgauucccggcgcgg..... 1
Gi3_27527164_x6.....gguucgauucccgAcgccgg..... 1
Gi2_10576583_x6.....ggAucgauucccggcgccggag..... 1
Gi3_27510196_x6.....gguucgauucccAgcgcc..... 1
Gi5_8545291_x6Ucaccacaacagauccgg..... 1
Gi2_10569701_x6.....gguucgauucccggcAccg..... 1
Gi3_27477280_x6.....Ugguucgauucccggcgccg..... 1
Gi2_10556015_x6.....guucgauucccggcAccggag..... 1
Gi2_10578713_x6.....Gagauccggguucgauucc..... 1
Gi3_27464092_x6.....guucgauucccggcgcAg..... 1
Gi3_27541582_x6.....uucgauucNccggcgccgga..... 1
Gi3_27536362_x6.....guucgauucccggcgccUg..... 1
Gi3_27521374_x6.....guucgauucccggcCccgga..... 1
Gi3_27470788_x6.....gguucgaGuccggcgccggagc..... 1
Gi3_27525706_x6.....guucgauucccUgcgccgg..... 1
Gi3_27518572_x6.....gguucgauuAccggcgccgga..... 1
Gi1_3988993_x6.....gguucgauucccggcgccCg..... 1
Gi5_8531353_x6.....gguucgauucAcggcgccggagc..... 1
Gi5_8543503_x6.....gguucgauAcccggcgccggagc..... 1
Gi3_27509530_x6.....acagauccggguucgauucccggcgccggagcC..... 1

Gi3_27482182_x6.....	gguucgauucccggcgccgU.....	1
Gi3_27463690_x6.....	gguucgAuucccggcgccgga.....	1
Gi5_8532547_x6.....	gguuUgauucccggcgccggagcguu.....	1
Gi5_8548093_x6.....	guucgauucccggcAccgga.....	1
Gi2_10561487_x6.....	guucUauucccggcgccgga.....	1
Gi3_27487786_x6.....	gguucUauucccggcgccgga.....	1
Gi5_8543557_x6cuUacccaacagauccg.....		1
Gi2_10544189_x6.....	gguuGgauucccggcgccg.....	1
Gi5_8555773_x6.....	gguucgauucccggcAccggag.....	1
Gi3_27472150_x6.....	guucgauucccggUcgccggagc.....	1
Gi3_27548074_x6.....	cgauucccggcgccAgagc.....	1
Gi2_10580399_x6.....	guucgauucccggcgccAg.....	1
Gi2_10562117_x6.....	gguucgauucccAgcgccg.....	1
Gi1_3991867_x6.....	guucgauucccggUgcccga.....	1
Gi5_8562331_x6.....	guucgauucccCgcccg.....	1
Gi3_27509992_x6.....	guucgauuccAgcgccggagc.....	1
Gi1_3991351_x6.....	gauucccggcgccggagc.....	0
Gi5_8533807_x6.....	gguucgauucccggcgccgAa.....	1
Gi2_10580027_x6.....	Gcgauucccggcgccggag.....	1
Gi2_10567193_x6.....	gguucgauucccggcgAccggag.....	1
Gi2_10574429_x6.....	Ccgauucccggcgccggagc.....	1
Gi5_8561839_x6.....	gCuucgauucccggcgccgga.....	1
Gi1_3985681_x6.....	guNcgauucccggcgccgg.....	1
Gi3_27511738_x6.....	guucgauucccggcAccg.....	1
Gi2_10590599_x6.....	gguucgauucccUgcccg.....	1
Gi3_27501868_x6.....	gguucgauucccggGgcccggag.....	1
Gi3_27465052_x6.....	guucgauucccggcgccggU.....	1
Gi5_8560213_x6.....	gUuucgauucccggcgccggagcguuu.....	1
Gi3_27535378_x6.....	gguuGgauucccggcgccgg.....	1
Gi1_3993481_x6.....	guucgauucccggcgUcg.....	1
Gi2_10546109_x6.....	gguucgauucccggcgccUgagc.....	1
Gi2_10548545_x6.....	guucgauuccAgcgccggagc.....	1
Gi5_8547775_x6.....	guucgauAcccggcgccgg.....	1
Gi5_8548675_x6.....	guucgauucccggGgccc.....	1
Gi3_27478264_x6.....	guucUauucccggcgccg.....	1
Gi3_27531694_x6.....	guuGgauucccggcgccggagc.....	1
Gi2_10549547_x6.....	gguucgauucccggcgccggaA.....	1
Gi3_27484798_x6.....	uCcgauucccggcgccgga.....	1
Gi5_8562223_x6.....	guucgaGucccggcgccgg.....	1
Gi1_3980713_x6.Gcaccacaacagauccggu.....		1
Gi5_8556733_x6.....	gguucgauuccUggcgccgga.....	1
Gi2_10578299_x6.....	cUauucccggcgccggagcguuuc.....	1
Gi5_8547289_x6.....	gguucgauucccggAgccc.....	1
Gi3_27469624_x6.....	Gagauccggguucgauuccc.....	1
Gi2_10558097_x6.....	gguucgauucccggcgUggag.....	1
Gi5_8563561_x6.....	gguuUgauucccggcgccggag.....	1
Gi1_3975169_x6.....	Cuucgauucccggcgccg.....	1

Gi3_27515596_x6.....gauucccgGgccggagc.....	1
Gi2_10589573_x6.....guucgauucccgUcgccgg.....	1
Gi1_3975235_x6.....guucgauucccgcgccggCgc.....	1
Gi5_8558587_x6cucacccaCcagauccgg.....	1
Gi5_8544295_x6.....ccUaacagauccggguuc.....	1
Gi2_10569563_x6.....guucgauucccgcgccggC.....	1
Gi2_10585175_x6.....gguucgauucccgcgccU.....	1
Gi1_3982381_x6.....guucgauuccUggcgccg.....	1
Gi5_8548669_x6.....gguuUgauucccgcgccgga.....	1
Gi2_10565009_x6.....gguucgauucccgUcgccgga.....	1
Gi5_8534767_x6.....guucgUuucccgcgccgg.....	1
G1a_5702458_x6.....Cguucgauucccgcgccggag.....	1
G1a_5719582_x6.....Uuucgauucccgcgccg.....	1
Gi2_10576511_x6.....gCuucgauucccgcgccgga.....	1
Gi2_10563647_x6.....gguuUgauucccgcgccggag.....	1
Gi1_3978103_x6.....Cguucgauucccgcgccggagc.....	1
Gi5_8531137_x6.....gguucgGuucccgcgccgga.....	1
Gi1_3990205_x6.....Aguucgauucccgcgccggag.....	1
Gi4_530649_x6.....Uuucgauucccgcgccgga.....	1
Gi5_8550865_x6.....guucgaGuucccgcgccg.....	1
Gi3_27509242_x6.....aacagauccggguucgauucccgcgccggagc.....	0
Gi2_10545881_x6.....guucgauucccgcgUcg.....	1
Gi5_8555503_x6.....guucgauuccAgcgccggagc.....	1
Gi2_10542875_x6.....guucgauucccgcgUgga.....	1
Gi2_10630340_x5.....gguuGgauucccgcgccggag.....	1
Gi2_10622855_x5.....gguucgauucccgcgccgCag.....	1
Gi2_10599780_x5.....gguucgauucccgcgCaggag.....	1
Gi1_4014305_x5.....guucgauuGccggcgccgg.....	1
Gi2_10598525_x5.....guucgauucccgcgccggUgc.....	1
Gi3_27655387_x5.....Gaacagauccggguucgauucc.....	1
Gi2_10602855_x5.....guuAgauucccgcgccggagc.....	1
Gi2_10622310_x5.....gCuucgauucccgcgccg.....	1
Gi3_27599387_x5.....uucgauucccgcgccggG.....	1
G1a_5735567_x5.....guCcgauucccgcgccgg.....	1
Gi5_8597282_x5cucacccaacagCuccgg.....	1
Gi2_10594165_x5.....gguucgauuccAgcgcc.....	1
Gi2_10645415_x5.....guucAauucccgcgccg.....	1
Gi5_8594042_x5.....gguucgauucccgUgcccga.....	1
Gi3_27611272_x5.....guucgUuucccgcgccgga.....	1
Gi2_10613545_x5.....ucgauucccgcgccggUgc.....	1
Gi3_27654967_x5.....gguucgauucccgcgccCga.....	1
Gi5_8575022_x5.....gguucgaCuucccgcgccggag.....	1
Gi5_8575227_x5.....guucgaAuucccgcgccg.....	1
Gi3_27622827_x5.....gguucgauucccgcgCccgga.....	1
Gi3_27653367_x5.....uucgaCuucccgcgccggagc.....	1
Gi1_4003445_x5.....gguucgauNcccgcgccggag.....	1
Gi3_27650387_x5.....gguNcgauucccgcgccgga.....	1

Gi2_10604695_x5.....	..gguucgauucccgGgcccggag.....	1
Gi2_10630375_x5.....	..gguucgauCcccggcgccgg.....	1
Gi3_27635117_x5.....	..gguucAauucccgcgcc.....	1
Gi3_27601762_x5.....	..gguucgauucccgGgcccgga.....	1
Gi5_8592097_x5.....	..gguuGgauucccgcgcccggagc.....	1
Gi3_27551832_x5.....	..gguucgauCcccggcgcc.....	1
Gi1_4017635_x5.....	..guucgauucccgcgcccggC.....	1
Gi3_27555052_x5.....	..agauccggguucgauucccgcgcccgg.....	0
Gi3_27644187_x5.....	..guucgUuucccgcgcccggag.....	1
Gi3_27641547_x5.....	..ucUauucccgcgcccggag.....	1
Gi3_27608742_x5.....	..ggAucgauucccgcgcc.....	1
Gi5_8577467_x5.....	..guAcgauucccgcgcccggagc.....	1
Gi1_4015470_x5.....	..guucgauucGcgcgcccgg.....	1
Gi5_8576632_x5cucaccaGcagauccgg.....	.....	1
Gi1_4009640_x5.....	..ucgauuccNgcgcccggagc.....	1
Gi1a_5760217_x5.....	..ggCucgauucccgcgcccggagc.....	1
Gi2_10596120_x5.....	..guucgCuucccgcgcccggagc.....	1
Gi3_27610652_x5.....	..ucgauucUcgcgcccggagc.....	1
Gi5_8594457_x5.....	..guucgauuccUggcgcccgga.....	1
Gi2_10614235_x5.....	..guucgauucccgUgcccg.....	1
Gi5_8565527_x5.....	..cccaacagNuccggguuc.....	1
Gi2_10617540_x5.....	..uUgauucccgcgcccggagc.....	1
Gi3_27574032_x5..	Gacccaacagauccggguuc.....	1
Gi1_3998275_x5.....	..guucgauucccgcgAcgga.....	1
Gi5_8601592_x5.....	..guucgauucccgcgccc.....	1
Gi4_536278_x5.....	..gguucgauucccgcgcccg.....	0
Gi2_10606795_x5.....	..gguucgauuccUggcgcccgga.....	1
Gi5_8571622_x5.....	..gguucgauCcccggcgcccggag.....	1
Gi5_8594797_x5.....	..guAcgauucccgcgcccgga.....	1
Gi3_27584367_x5.....	..gguucgauucccgCcgcccggagc.....	1
Gi1_3995530_x5.....	..gguucgauucccgcgAcgagc.....	1
Gi5_8591757_x5.....	..gguucgauucccgGcAccgg.....	1
Gi2_10627645_x5.....	..guucgauAcccgcgcccgg.....	1
Gi2_10602770_x5.....	..gguucgauucccgUcgcccggagc.....	1
Gi1_4006125_x5.....	..guucgauucccgcgcccGaa.....	1
Gi2_10624170_x5.....	..gguucgauucccgGcccAg.....	1
Gi1_4011340_x5.....	..gguucgCuucccgcgcccg.....	1
Gi1_4005055_x5.....	..agUuccggguucgauucc.....	1
Gi3_27595842_x5.....	..gguucgUuucccgcgcccgga.....	1
Gi5_8598442_x5.....	..guucgaGucccggcgcccggagc.....	1
Gi3_27566502_x5.....	..ggguucgauucccgGcgUcg.....	1
Gi1_4008040_x5.....	..guucgauucccgGcgGcggagc.....	1
Gi2_10615215_x5.....	..gguucgauucccgCcgcccggagc.....	1
Gi2_10626655_x5.....	..gguucgauucccgGgcccgga.....	1
Gi3_27640812_x5.....	..cccaacagaGccggguucgauucc.....	1
Gi5_8592172_x5.....	..gguucgauucccgGcgcccggU.....	1
Gi1_4012755_x5.....	..uGcgauucccgcgcccggagc.....	1

Gi2_10626120_x5.....	gguGcgauucccgcgcccgagc.....	1
Gi3_27572302_x5.....	gguucgauucccUgcgcc.....	1
Gi2_10616180_x5.....	guucgauucccgUcgccg.....	1
Gi5_8582857_x5.....	gguucgauuAccggcgccggagc.....	1
Gi1_4000445_x5.....	gguucgauucccgcgccgA.....	1
Gi5_8566167_x5.....	gUguucgauucccgcgccggagc.....	1
Gi2_10628225_x5.....	gguucgaGucccgcgccggagc.....	1
Gi3_27642202_x5.....	gguAcgauucccgcgccgga.....	1
Gi5_8602037_x5.....	ucaccaacGgauccggguu.....	1
Gi5_8588572_x5.....	acagauccggguucgauucccgcgccggagcC.....	1
Gi2_10591920_x5.....	gguucgauucccgcgccUgg.....	1
Gi3_27567322_x5.....	gauucccgcgcccgCgc.....	1
Gi2_10630885_x5.....	ucgauucccgcgcccgCgc.....	1
Gi5_8586612_x5.....	gguucgauucccgUgcccg.....	1
Gi5_8584982_x5.....	gguucgauucccgUgccc.....	1
Gi5_8575312_x5.....	guucgauuccUggcgccggagc.....	1
Gi3_27593912_x5.....	gguucgauuUccggcgcc.....	1
Gi5_8600352_x5.....	guucgauCcccggcgccggagc.....	1
Gi3_27574737_x5.....	guucgauucccgcgccgCa.....	1
Gi5_8589032_x5.....	gguucgauucccgcgccggagcU.....	1
Gi1_4002880_x5.....	guucgauucccgcgUcgggagc.....	1
Gi3_27607117_x5.....	ucgauucccgcgccgAagc.....	1
Gi1_4017240_x5.....	guucgauuNccggcgccggagc.....	1
Gi5_8596607_x5.....	ggAucgauucccgcgccc.....	1
Gi2_10627080_x5.....	guucgauucccgAgccc.....	1
Gi3_27550742_x5.....	guucgaAucccgcgccggagc.....	1
Gi1_3994800_x5.....	cucaccaacagGucccg.....	1
Gi1_4011460_x5.....	aUagauccggguucgauucc.....	1
Gi1a_5753682_x5.....	gguuUgauucccgcgccggagc.....	1
Gi3_27618362_x5.....	Gcaccaacagauccggguuc.....	1
Gi3_27581747_x5.....	gguucgauucccgcgccAgg.....	1
Gi1a_5763772_x5.....	gGucgauucccgcgccc.....	1
Gi2_10642120_x5.....	guucgauucccgcgccGggagc.....	1
Gi3_27589007_x5.....	guucgauucccgUcgccggag.....	1
Gi3_27586067_x5.....	gUguucgauucccgcgccggag.....	1
Gi3_27595807_x5.....	ucgauucccgUgcccggagc.....	1
Gi5_8591027_x5.....	guucgauucccgcgcccggU.....	1
Gi5_8579392_x5.....	guucgauuAccggcgcccg.....	1
Gi5_8581037_x5.....	gguucgauCcccggcgcc.....	1
Gi2_10634505_x5.....	guucgauucccgcgAcgga.....	1
Gi3_27623577_x5.....	gguucgauucccgUcccga.....	1
Gi3_27651732_x5.....	guucgauucccgAgcccggag.....	1
Gi2_10645020_x5.....	gguucgauuUccggcgccggag.....	1
Gi2_10631330_x5.....	gguucgauucccgGgccc.....	1
Gi3_27619017_x5.....	gguucgauucccgcgcccCg.....	1
Gi1_3995685_x5.....	Gcgauucccgcgccggagc.....	1
Gi3_27559772_x5.....	cagauccgggGucgauucc.....	1

Gi2_10642000_x5.....ggNucgauucccgccgagc.....	1
Gi2_10615105_x5.....agUuccggguucgauucc.....	1
Gi2_10623165_x5.....gCucgauucccgccgga.....	1
Gi2_10646650_x5.....cUggauucgauucccgccgga.....	1
Gi1_3999215_x5.....uucgauucNcgccgagc.....	1
Gi1_4001215_x5.....gguucgauucccgccgagc.....	1
Gi1_4010650_x5.....guucgauucccgccgagc.....	1
Gi5_8577237_x5.....cGcaacagauccggguuc.....	1
Gi3_27591427_x5.....ucgauuccNggcgccgga.....	1
Gi2_10643425_x5.....guucgauucccgccggaCc.....	1
Gi2_10642580_x5.....gAucgauucccgccgagc.....	1
Gi1_4015505_x5.....guucgauucccgccgagc.....	1
Gi3_27621692_x5.....gguuUgauucccgccgagc.....	1
Gi5_8590282_x5.....gguCcgauucccgccgagc.....	1
Gi3_27651257_x5.....gguucAauucccgccgagc.....	1
Gi5_8597617_x5.....gguucgauucccgccgagc.....	1
Gi1a_5752867_x5.....gguucgauucccgccgagc.....	1
Gi3_27612727_x5.....gguucgauucGcgccgagc.....	1
Gi3_27549482_x5.....gCuucgauucccgccgagc.....	1
Gi2_10605435_x5.....ucgauuccNggcgccgagc.....	1
Gi1_3996520_x5.....guucUauucccgccgagc.....	1
Gi3_27577512_x5.....guucgauucccgccgagc.....	1
Gi5_8569292_x5.....gguucgaCucccgccgagc.....	1
Gi5_8592012_x5.....Cuucgauucccgccgagc.....	1
Gi2_10604880_x5.....gguucgauucccgccgagc.....	1
Gi5_8568342_x5.....gUuucgauucccgccgagc.....	1
Gi5_8571147_x5.....guucgauucccgccgagc.....	1
Gi1_4003015_x5.....guucgauucccgccgagc.....	1
Gi3_27588207_x5.....agUuccggguucgauucc.....	1
Gi2_10638655_x5.....guucgauucccgccgagc.....	1
Gi3_27613417_x5.uGacccaacagauccggguuc.....	1
Gi1_3995375_x5.....gguucgauucccgccgagc.....	1
Gi1_4005155_x5.....gguucgauNcccgccgagc.....	1
Gi5_8590502_x5.....gguucgauucccgccgagc.....	1
Gi1_3996170_x5.....gguucgauucccgccgagc.....	1
Gi2_10633035_x5.....guAcgauucccgccgagc.....	1
Gi2_10592830_x5.....guucgUuucccgccgagc.....	1
Gi3_27581737_x5.....guucgauucccgccgagc.....	1
Gi1_4010410_x5.....Auucgauucccgccgagc.....	1
Gi3_27574422_x5.....uucgauucccgccgagc.....	1
Gi5_8590737_x5.....gAuucgauucccgccgagc.....	1
Gi3_27588697_x5.....guucgauucccgAcgccgagc.....	1
Gi3_27600652_x5.....ucgauuccNggcgccgagc.....	1
Gi3_27678893_x4.....guucgauucccgccgagc.....	1
Gi3_27681081_x4.....ucgauuccUggcgccgagc.....	1
Gi5_8623915_x4.....gguucgauucccgAgccgagc.....	1
Gi1_4046500_x4cucacccaacGauccgg.....	1

Gi2_10693463_x4.....	gguucgauuccAgggcccg.....	1
Gi4_538906_x4.....	guucgauucccgcgccggagcCu.....	1
Gi1_4042944_x4.....	gguucgauucccgcgccAggagc.....	1
Gi2_10655231_x4.....	gguucgauucccgcgUccggagc.....	1
Gi3_27766557_x4.....	cgUuucccgggcgccggag.....	1
Gi1_4033416_x4.....	ggguucgauucccgcgcccg.....	0
Gi3_27696305_x4.....	guucgauucccgAgccg.....	1
Gi2_10659599_x4.....	guucgauuAccggcgcccg.....	1
Gi3_27735613_x4.....	guucgauucccgcgUggag.....	1
Gi3_27771121_x4.....	Cgguucgauucccgcgccggagc.....	1
Gi3_27721721_x4.....	gguucgauuGccggcgccggag.....	1
Gi1_4026548_x4.....	guGcgauucccgcgccggagc.....	1
Gi3_27791545_x4.....	guucgauuccGggcgccgga.....	1
Gi5_8616915_x4.....	gauucccgNcgccggagc.....	1
Gi2_10706091_x4.....	ggAucgauucccgcgccg.....	1
Gi3_27701357_x4.....	Ggauccggguucgauucc.....	1
Gi3_27739361_x4.....	Uguucgauuccggcgccggagc.....	1
Gi1_4028852_x4.....	guucgGuucccgcgccgga.....	1
Gi5_8631527_x4.....	uGcgauucccgcgcccg.....	1
Gi3_27731089_x4.....	Ccgauucccgcgccggagc.....	1
Gi5_8604751_x4.....	gguucgauucccgUccg.....	1
Gi2_10688451_x4.....	guucgauucccgcgGcgg.....	1
Gi4_539122_x4.....	guucgauucccgcgccggagcC.....	1
Gi3_27743185_x4.....	uucgauucccgcgccggagcCu.....	1
Gi1_4028916_x4.....	gguucgauucccgcgccA.....	1
Gi5_8623479_x4.....	gguCcgauucccgcgccggag.....	1
Gi1a_5801486_x4.....	cagauccggguucgauucccgcgccggag.....	0
Gi3_27772357_x4.....	guucgCuucccgcgccggag.....	1
Gi3_27667689_x4.....	caacagauNcggguucga.....	1
Gi2_10677995_x4.....	gguucgauucccgAcgccg.....	1
Gi2_10653131_x4.....	guGcgauucccgcgccgga.....	1
Gi3_27761817_x4.....	guucgauucccgGgccgga.....	1
Gi2_10695131_x4.....	gguucgauucccgAcgccgga.....	1
Gi2_10703143_x4.....	gguucgauucccgcgCccggagc.....	1
Gi1_4029416_x4.....	uGgauucccgcgccggagc.....	1
Gi5_8635099_x4cucacccaaUagauccg.....	.....	1
Gi1_4037048_x4.....	guucgauCcccggcgccggagc.....	1
Gi3_27730749_x4.....	Auuuccggcgccggagc.....	1
Gi2_10711727_x4.....	guucAauuccggcgccggag.....	1
Gi5_8619295_x4.....	guucgauucAcggcgccggagc.....	1
Gi2_10681647_x4.....	gguucCauuccggcgccggagc.....	1
Gi1a_5790914_x4.....	gguucgGuucccgcgccggagc.....	1
Gi5_8640951_x4cucacccaacGgauccg.....	.....	1
Gi2_10689443_x4.....	gguucUauuccggcgccggagc.....	1
Gi2_10695635_x4.....	ucgauucccgUgccggagc.....	1
Gi1_4035960_x4.....	agauccggguucgCuucc.....	1
Gi1_4030560_x4.....	Cguucgauucccgcgccg.....	1

Gi5_8629787_x4.....gguucgauucccUgcgccga..... 1
Gi1_4039608_x4.....ucgauucccgcgccggagcCu..... 1
G1a_5767494_x4.....gguucgauNcccgcgccgg..... 1
Gi2_10665975_x4.....gguucgauucUcgccgccga..... 1
Gi5_8650211_x4.....gguucgauuccAgcgccg..... 1
Gi3_27795865_x4.....gguucgauucccgcgccCgag..... 1
Gi1_4043420_x4.....gguucgCuucccgcgccggagc..... 1
Gi1_4017968_x4.....gguucgauuAcccgcgccgg..... 1
Gi3_27739557_x4.....gguucgauucccgcgccC..... 1
Gi3_27753053_x4.....caUcagauccggguucgauucc..... 1
Gi1_4047284_x4.....guucgGuucccgcgccggagc..... 1
Gi2_10684211_x4.....gguucgauuccUggcgccgg..... 1
Gi5_8627359_x4.....gguucgauucccgAgcc..... 1
Gi2_10660771_x4.....guucgauucccgAgccgg..... 1
Gi2_10670415_x4.....Gccggguucgauucccgcgccgga..... 1
Gi3_27779217_x4.....guucgauAcccgcgccggag..... 1
Gi3_27773113_x4.....gUguucgauucccgcgccgga..... 1
Gi1_4031772_x4.....guucgauucccgcgccgCagc..... 1
Gi5_8647743_x4.ucaccaacagauccgggCu..... 1
Gi1_4025808_x4.....guucgauuccAgcgccg..... 1
Gi2_10712155_x4.....ucgaGucccgcgccggagc..... 1
Gi1_4023416_x4.cCaccaacagauccgg..... 1
Gi5_8620595_x4.....gguAcgauucccgcgccg..... 1
Gi3_27792825_x4.....guucCauucccgcgccgg..... 1
Gi3_27769641_x4.....gguucUauucccgcgccggag..... 1
Gi3_27764721_x4.....gauucccgcgCUggagc..... 1
Gi2_10685383_x4.....gguucgauucccgAgccggag..... 1
Gi3_27668109_x4.....guucgauucccgcgCag..... 1
Gi5_8632635_x4.....gguucgauucccgcgccU..... 1
Gi5_8633523_x4.....guucAauucccgcgccgga..... 1
Gi3_27680801_x4.....gguucgauucccgCccggag..... 1
G1a_5776354_x4.....gguucgauucccgcgccggagcCu..... 1
Gi3_27734441_x4.....cgauucccgcgccggagcA..... 1
Gi3_27749101_x4.....uucgauCcccgcgccgga..... 1
Gi5_8607155_x4...Gccaacagauccggguuc..... 1
Gi2_10666835_x4.....Acgauucccgcgccggagc..... 1
Gi2_10704539_x4.....Agguucgauucccgcgccggagc..... 1
Gi2_10661863_x4.....guucgauuAcccgcgccg..... 1
Gi2_10697727_x4.....guucgauuccCcgccgg..... 1
Gi3_27664693_x4.....cGgauccggguucgauucccgcgccgg..... 1
Gi3_27778965_x4cuUaccaacagauccgg..... 1
Gi2_10718583_x4.....ggAucgauucccgcgccgga..... 1
Gi5_8623607_x4.....guucgauucccgcgCggagc..... 1
Gi2_10678799_x4.....uuUgauucccgcgccgg..... 1
Gi3_27787413_x4.....ucgauucccgAgccggagc..... 1
Gi3_27683097_x4.....guNcgauucccgcgccgga..... 1
Gi5_8648907_x4.....guucgauucccgcgCgG..... 1

Gi3_27778913_x4.....guucgauuucccgGcg.....	1
G1a_5786382_x4.....guucgaCucccgcgccgga.....	1
Gi5_8633619_x4.....guucgauuucccgcgccggagcU.....	1
Gi3_27730345_x4.....gguucgauuAccggcgccgg.....	1
G1a_5807290_x4.....guucgauuucccgcgccggCgc.....	1
Gi3_27795609_x4.....uCcgauuucccgcgccggagc.....	1
Gi2_10706115_x4.....gguucgauuucccgAcgccc.....	1
G1a_5812030_x4.....guucgaCucccgcgccc.....	1
Gi5_8622683_x4.....guCcgauuucccgcgccggagc.....	1
Gi2_10687567_x4.....guucCauuucccgcgccgg.....	1
Gi1_4022432_x4.....gguucgauuucccgcgccGgg.....	1
Gi5_8639583_x4.....gguuUgauuucccgcgccgg.....	1
Gi3_27746029_x4.....gguucgUuucccgcgccggag.....	1
Gi1_4024384_x4.....gauuucccgcgccggagcC.....	1
G1a_5787674_x4.....ggGucgauuucccgcgccc.....	1
Gi5_8624019_x4.....guucgauuUcggcgccggagc.....	1
Gi5_8602619_x4.....guucgGuuucccgcgccgga.....	1
Gi1_4039752_x4cucaccaNcagauccgg.....	1
Gi2_10670995_x4.....guucgGuuucccgcgccggag.....	1
Gi2_10681731_x4.....guucgauuuccUgcccgg.....	1
Gi1_4031176_x4.....guucgauuuccAgcggccggagc.....	1
Gi3_27771089_x4.....gguucgauAcccgcgccg.....	1
Gi3_27695869_x4.....gguucCauuucccgcgccggagc.....	1
Gi3_27753009_x4.....cGacagauccggguucgauuucc.....	1
G1a_5768570_x4.....Aguucgauuucccgcgccggag.....	1
Gi2_10657263_x4.....guucgauuucccgAcgccc.....	1
Gi1_4034080_x4.....guucgauuNccggcgccc.....	1
G1a_5784282_x4.....gguucgauNcccgcgccggag.....	1
Gi3_27778521_x4.....guucgauuuccggcgccUgagc.....	1
Gi2_10682415_x4.....guucgauuUccggcgccgga.....	1
Gi5_8624351_x4.....gguucgauuucccgcgccggUg.....	1
Gi2_10666019_x4.....guucgauuuccggcgccAgga.....	1
Gi1_4028676_x4.....gguucgauuuccAgcgcccgg.....	1
Gi5_8623143_x4.....gguCcgauuucccgcgccc.....	1
Gi5_8638887_x4.....guucgauuUccggcgccgga.....	1
Gi3_27685973_x4.....agaucggNuucgauuucc.....	1
Gi2_10700483_x4.....gguucgauuUcggcgccc.....	1
Gi5_8603079_x4.....gguucgauuuccCcgccc.....	1
Gi1_4036324_x4.....gCuucgauuucccgcgccgga.....	1
Gi3_27784853_x4.....gguucgauuAccggcgccc.....	1
Gi5_8619903_x4.....gguGgauuucccgcgccc.....	1
Gi1_4037176_x4.....gguCcgauuucccgcgccggagc.....	1
Gi3_27752297_x4.....guucgauuuccggcgccGg.....	1
Gi1_4025512_x4.....guucgauuuccUgcccggagc.....	1
Gi1_4046608_x4.....gguucgauAcccgcgcccgg.....	1
Gi5_8611723_x4.....gauccggguucgauuucc.....	0
Gi5_8642475_x4.....gguucgauuucccgcgccgA.....	1

Gi1_4047016_x4.....	gguucgauucccgcgUggagc.....	1
Gi1_4039380_x4.....	guucgauucccgcgccggagU.....	1
Gi5_8605199_x4cucaccaacCgauccgg.....		1
Gi2_10677467_x4.....	gAucgauucccgcgccg.....	1
Gi3_27763597_x4.....	cagaucggguucgGuuccc.....	1
Gi5_8608147_x4cucaccGacagauccgg.....		1
Gi5_8614263_x4.....	gguucgauucccgcgAcgg.....	1
Gi1_4043404_x4.....	guucgauucccgCcgccgg.....	1
Gi2_10660663_x4.....	uucgauucNcggcgccgg.....	1
Gi5_8612051_x4cucaccaacagauccAg.....		1
Gi5_8609459_x4.....	gguucgCuucccgcgccgg.....	1
Gi3_27685073_x4.....	gguucgauuAccggcgccg.....	1
Gi1_4033656_x4.....	agaucggNuucgauucc.....	1
Gi5_8611627_x4.....	guucgauucccgcgccgAa.....	1
Gi3_27781409_x4.....	ucgauucccgcgccAga.....	1
Gi3_27694377_x4.....	guucgauucUcgcgccggag.....	1
Gi3_27715681_x4.....	gguucgauucccgAcgcc.....	1
Gi1_4032704_x4.....	gguucgauucccgAgccggagc.....	1
Gi2_10672991_x4.....	guAcgauucccgcgccgga.....	1
Gi1_4043464_x4.....	ggCucgauucccgcgccg.....	1
Gi1_4025668_x4.....	guucgauucccgcgUcgga.....	1
Gi1_4022416_x4.....	gguucgauuccAgcgccggagc.....	1
Gi3_27713285_x4.....	Gggguucgauucccgcgccgga.....	1
Gi2_10721295_x4.....	cagaucggguucgauucccgcgccgga.....	0
Gi5_8632475_x4.....	gguuUgauucccgcgcc.....	1
Gi3_27672645_x4.....	gauuUcggcgccggagc.....	1
Gi3_27790573_x4.....	guucgaGucccggcgccggag.....	1
Gi3_27735701_x4.....	guucgauuccGggcgccgg.....	1
Gi2_10685011_x4.....	gAuucgauucccgcgccg.....	1
Gi2_10690695_x4.....	gguucgGuucccgcgccgg.....	1
Gi3_27683689_x4.....	ucgGuucccgcgccgga.....	1
Gi2_10723707_x4.....	ucgauuccUggcgccggagc.....	1
Gi1_4026372_x4.ucaccaacagauccgggC.....		1
Gi3_27718133_x4.....	gguucgauAcccgcgcc.....	1
Gi2_10700555_x4.....	gguucgauucccgcgccgAag.....	1
Gi2_10657371_x4.....	guucgauucccgcgccAgag.....	1
Gi2_10717623_x4.....	gguucgauuGccggcgccggagc.....	1
Gi3_27754773_x4.....	uUgauucccgcgccgga.....	1
Gi3_27745305_x4.....	gguucgaGucccggcgccgga.....	1
Gi2_10702083_x4.....	gguAcgauucccgcgccggag.....	1
Gi2_10683207_x4cGacccaacagauccgg.....		1
Gi3_27737637_x4.....	gguucgauucccgcgccggaC.....	1
Gi2_10669571_x4.....	ggguucgauucccgcgccggagc.....	0
Gi1_4040124_x4.....	guCcgauucccgcgccgga.....	1
Gi1_4018196_x4.....	uucgauucccgcgUgg.....	1
Gi5_8615995_x4.....	gAuucgauucccgcgccggag.....	1
Gi5_8625803_x4.....	gguucgCuucccgcgcc.....	1

Gi2_10724311_x4.....	gguucgauucccAgcgccgg.....	1
Gi2_10693895_x4.....	guucgauucccgcgUcggag.....	1
Gi3_27780217_x4.....	Ccgauucccgcgccgga.....	1
Gi5_8638219_x4.....	guucgaAucccgcgccg.....	1
Gi5_8644247_x4.....	gguuGgauucccgcgccg.....	1
Gl1a_5773650_x4.....	Uuucgauucccgcgccgga.....	1
Gi3_27937088_x3.....	Nuucgauucccgcgccggagc.....	1
Gi5_8685113_x3.....	guucgauucccgcgccggaAc.....	1
Gi3_27970415_x3.....	uGcggguucgauucccgcgccgga.....	1
Gi3_27834023_x3.....	guuNgauucccgcgccgga.....	1
Gi3_27933464_x3.....	ucgauucccgcgccggagcCu.....	1
Gi3_27888362_x3.....	gguucgauucccgCcgccgg.....	1
Gi2_10795600_x3.....	gguucgauucccgcgccUgag.....	1
Gi2_10730596_x3.....	guucgauucccgcgccC.....	1
Gi3_27804551_x3.....	gguucgauucccgGgccc.....	1
Gl1a_5875426_x3.....	gguCcgauucccgcgccgg.....	1
Gi2_10765123_x3.....	guucCauucccgcgccgga.....	1
Gi1_4074720_x3.....	auccggguucgauucccgcgccAg.....	1
Gi1_4063590_x3.....	guucgauucccgcgccCga.....	1
Gi3_27870452_x3.....	gguucgauucccgcgccU.....	1
Gi1_4075323_x3.....	ucgauucccgcgccggag.....	0
Gi2_10794589_x3.....	ucgauucccgcgccgAagc.....	1
Gi5_8664269_x3.....	gguucgauuccUggcgccggag.....	1
Gi3_27912119_x3.....	aacagauccggguucgauucccgcgccggagcC.....	1
Gi3_27835121_x3.....	uucgauucccgAcgcccggagc.....	1
Gi3_27893261_x3.....	guucgauuAccggcgccggag.....	1
Gi5_8686355_x3.....	aacagauccggguucgauucccgcgccggagc.....	0
Gi5_8675351_x3.....	gguucgauuccAcggcgccgga.....	1
Gi5_8661461_x3.....	Auucgauucccgcgccggag.....	1
Gi2_10781692_x3.....	guucgauuccUcggcgccggag.....	1
Gi2_10786429_x3.....	uGgauucccgcgccggag.....	1
Gi2_10790677_x3.....	guucgauucccgGgcccggagc.....	1
Gi3_27917921_x3.....	ggguucgauucccgcgccgg.....	0
Gi1_4056333_x3.....	gguucgauuccUggcgccg.....	1
Gi3_27849311_x3.....	guucgauucccgcgccggagG.....	1
Gi2_10779409_x3.....	guucgCuucccgcgccggag.....	1
Gi5_8699609_x3.....	ucgauucccgAcgcccgga.....	1
Gi5_8673644_x3.....	gguucgauucccgcgccAggag.....	1
Gi2_10803289_x3.....	gguucgauuccAcggcgccg.....	1
Gi5_8656658_x3.....	gguNcgauucccgcgccggagc.....	1
Gi2_10779490_x3.....	guucgaGucccggcgccgg.....	1
Gi5_8669315_x3.....	ccaacagauccggguCc.....	1
Gi3_27967724_x3.....	ucUauucccgcgccgga.....	1
Gi5_8717162_x3Aucaccaacagauccgg.....	ucUauucccgcgccgga.....	1
Gi2_10748152_x3.....	Gucgauucccgcgccggag.....	1
Gi3_27829070_x3.....	gguucgauucccgcgUccggag.....	1
Gi1_4057449_x3.....	gguucgauucccgcgccAgagc.....	1

Gi2_10792240_x3.....gguucgauuucccgcgccgA..... 1
Gi2_10794754_x3.....gguucAauucccgcgccg..... 1
Gi2_10798258_x3.....gguucgauuucccgcgGcgg..... 1
Gi5_8675369_x3.....Gcgauucccgcgccgga..... 1
Gi3_27949205_x3.....guucgauAcccgcgccg..... 1
Gi5_8709440_x3.....gguucgauAcccgcgccg..... 1
Gi1_4085742_x3.....guucUauucccgcgccggagc..... 1
Gi5_8666963_x3.....gguucgauucccgcgccggaUc..... 1
Gi1_4076667_x3.....guucgauucccgAgccg..... 1
Gi3_27818741_x3.....guucgUuucccgcgccggagc..... 1
Gi5_8669591_x3.....gguucgauucccgAgccg..... 1
Gi2_10730764_x3.....uCcgauucccgcgccg..... 1
Gi1_4075806_x3.....Nuucgauucccgcgccg..... 1
Gi2_10761703_x3.....guucgauucccgcgGgga..... 1
Gi2_10749778_x3.....gguAcgauucccgcgccgga..... 1
Gi3_27911471_x3.....gUguucgauucccgcgccggagc..... 1
Gi5_8698340_x3.....gguucgauucccgcgccCg..... 1
Gi3_27886430_x3.....guuGgauucccgcgccgga..... 1
Gi5_8680985_x3.....gGuucccgccuuccuugcu..... 1
Gi5_8658599_x3.....cgauucccgcgccggagcCu..... 1
Gi1_4083423_x3.....gguucgauucccgUgcccggagc..... 1
Gi5_8663858_x3.....gguucgauCcccgcgccgga..... 1
Gi3_27948005_x3.....guucgauucccgGgcccggagc..... 1
Gi5_8652935_x3.....guucgauuccAggcccggga..... 1
Gi2_10767859_x3.....Nguucgauucccgcgccggagc..... 1
Gi3_27975029_x3.....gUuucccgcgccggagc..... 1
Gi2_10816255_x3.....cccaacagaCccggguuc..... 1
Gi4_550752_x3.....ggGucgauucccgcgccg..... 1
Gi3_27925016_x3.....gguucgauuGcccggccgga..... 1
Gi3_27849674_x3.....gguucgauuGcccggccg..... 1
Gi1_4067886_x3.....auccggguucgauuccAggcccgg..... 1
Gi3_27859577_x3.....uccggguucgauucccgcgccgAa..... 1
Gi5_8679263_x3.....gguucgauuUcggcgcc..... 1
Gi5_8653355_x3.....gguucgauuAcccgcgccgga..... 1
Gi2_10750684_x3.....gguucgauucccgAgccgga..... 1
Gi3_27877115_x3.....Nuucgauucccgcgccggag..... 1
Gi5_8652497_x3.....guucgauucccgcgccCga..... 1
Gi5_8682884_x3.....cagauccgggCucgauucccgcgccg..... 1
Gi5_8672801_x3.....gguucgauucccgAcgcccg..... 1
Gi3_27936176_x3.....gauucccgAcgcccgagc..... 1
Gi5_8712632_x3.....guuNgaucccgcgccg..... 1
Gi5_8678831_x3.....gguucgaAuucccgccg..... 1
Gi1_4082253_x3.....guucgauCcccggccgga..... 1
Gi5_8676506_x3.Acaccaacagauccgggu..... 1
Gi1_4058463_x3.....guucgauucccgUcggccgga..... 1
Gi3_27911921_x3.....gguucgauGcccggccg..... 1
Gi2_10783765_x3.....guucgauucccgcgccgU..... 1

Gi2_10800736_x3.....gguucCauucccggcgcccgag.....	1
Gi3_27926360_x3.....Aucgauucccggcgccggagc.....	1
Gi1_4085529_x3.....guuUgauucccggcgccg.....	1
Gi5_8708984_x3.....Ccgauucccggcgccggagc.....	1
Gi1_4076907_x3.....gguucgauucccggUgccgga.....	1
Gi3_27845336_x3cucacccaacagGuccgg.....	1
Gi1_4051002_x3.....guucgauuccGggcgccgg.....	1
Gi3_27922640_x3.....ucgauucccggUgccgga.....	1
Gi3_27911900_x3.....guucCauucccggcgcccgga.....	1
Gi2_10756783_x3.....gguucgauAcccggcgcc.....	1
Gi5_8684030_x3.ucacccaacagauccgggGu.....	1
Gi3_27867647_x3.....Nguucgauucccggcgccggag.....	1
G1a_5836006_x3.....gguucgauucccggcAccggagc.....	1
Gi2_10762363_x3.....uucgaCucccggcgccggagc.....	1
Gi3_27875945_x3.....agaucggguCcgauucc.....	1
Gi2_10811437_x3.....guucgauuccAcggcgccg.....	1
Gi2_10759840_x3.....ucUauucccggcgccggagc.....	1
Gi3_27937673_x3.....Uauccggguucgauucccggcgccgga.....	1
Gi4_547647_x3.....gguucgauucccggcgccggag.....	0
Gi3_27827708_x3.....guucgUuucccggcgccgg.....	1
Gi2_10761202_x3.....gguucgauuccUcggcgccg.....	1
Gi3_27821375_x3.....ucgauCcccggcgccggagc.....	1
Gi1_4082823_x3.....gAuucgauucccggcgccgga.....	1
G1a_5840212_x3.....gguucgGuucccggcgcc.....	1
Gi2_10743808_x3.....Gcgauucccggcgccgga.....	1
Gi3_27869762_x3.....gauucccgNcgccggagc.....	1
Gi5_8672123_x3.....gguucgauuccUcggcgccg.....	1
Gi3_27896120_x3.....uucgauuccUggcgccgga.....	1
G1a_5850052_x3.....guucgaCucccggcgccggagc.....	1
Gi3_27905309_x3.....cagaucggNguucgauucc.....	1
Gi5_8693288_x3.....gauucccggcgccggGgc.....	1
Gi5_8657537_x3.....Gcgauucccggcgccggag.....	1
Gi3_27890375_x3.....cggguucgauucccggcgccgC.....	1
G1a_5853931_x3.....guucgGuucccggcgccggagc.....	1
Gi3_27813977_x3.....ucgaCucccggcgccgga.....	1
Gi3_27887441_x3cucacccGacagauccgg.....	1
Gi1_4048029_x3.....gguucgauucccggcgccggagA.....	1
G1a_5858230_x3.....gGucgauucccggcgccgg.....	1
Gi1_4080300_x3.....gguuAgauucccggcgccgg.....	1
Gi3_27821048_x3.....gguucgauucccgUcggccggagc.....	1
Gi3_27884132_x3.....guucgaAuucccggcgccgga.....	1
Gi1_4088190_x3.....gguucgauuccUcggcgccgga.....	1
Gi2_10779472_x3.....gguucgauucccggcgccAg.....	1
Gi1_4057824_x3.....guucgauCcccggcgccg.....	1
Gi1_4088490_x3.....gguucgauucccggcgccggGg.....	1
Gi3_27834674_x3.....aUauccggguucgauucccggcgccggagc.....	1
Gi5_8658845_x3.....gguucgauuccUggcgcc.....	1

Gi5_8663273_x3.....Uuucgauucccgcgccggagcguuucc..... 1
Gi1_4081971_x3.....ggGucgauucccgcgccggagc..... 1
Gi2_10824061_x3.....gguucgauucAcggcgcc..... 1
Gi5_8671412_x3.....ccggguucgauucccgcgccggC..... 1
Gi2_10804873_x3.....gguucgauucccgggcAcgg..... 1
Gi2_10796326_x3.....gUuucccgcgccggagc..... 1
Gi3_27883871_x3.....uucgauucccgcgccggagcGA..... 1
Gi2_10791523_x3.....gguucgauuUccggcgccgg..... 1
Gi2_10726432_x3.....gguucgauucGcggcgccggagc..... 1
Gi5_8656268_x3.....guGcgauucccgcgccggagc..... 1
Gi5_8701292_x3.....guucgauuccUcgccgg..... 1
Gi3_27830687_x3.....gguucgauucccCgcgccgga..... 1
Gi2_10736971_x3.....gguucgauucccgcgccggC..... 1
Gi5_8683811_x3.....gCuucgauucccgcgcc..... 1
Gi2_10784854_x3.....gguucgauAucccgcgccg..... 1
Gi5_8658503_x3.....ggAucgauucccgcgccggag..... 1
Gi5_8698208_x3cucAGccaacagauccgg..... 1
Gi2_10785745_x3.....gguucgauucccgcgccGgga..... 1
Gi5_8672588_x3.....gguucgauucccCgcgccggagc..... 1
Gi5_8657915_x3.....gguucgauuccUcgccgg..... 1
Gi3_27955169_x3.....gguucUauucccgcgccg..... 1
Gi1_4089084_x3.....guucgauuUccggcgccg..... 1
Gi5_8692604_x3cucUcccaacagauccgg..... 1
Gi5_8714339_x3.....ucUauucccgcgccggagc..... 1
Gi5_8695913_x3.....gguucgauucccgcgccgCa..... 1
Gi1_4079901_x3.....ggAucgauucccgcgccggagc..... 1
Gi3_27941390_x3.....uucgauCcccggcgccggagc..... 1
Gi3_27818801_x3.....guucgauuccAggcgccg..... 1
Gi5_8715362_x3.....guucgauucccgcgUcgga..... 1
Gi3_27931829_x3.....ucgauuUccggcgccggag..... 1
Gi2_10811659_x3.....gguucgauucccgcgGc..... 1
Gi5_8684414_x3.....agauccgggGucgauucc..... 1
Gi3_27828017_x3.....aUauccggguucgauucccgcgccggag..... 1
G1a_5854144_x3.....gguucgauucccgcgccggCgc..... 1
Gi2_10779790_x3.....gguucgauuccggcCccggag..... 1
Gi5_8688299_x3.....guucgCuucccgcgccggagc..... 1
Gi2_10746955_x3.....guucgAGuccggcgccgga..... 1
Gi2_10745776_x3.....gguuAgauucccgcgccgga..... 1
Gi4_544908_x3.....gguucgauNcccggcgccgg..... 1
Gi5_8702387_x3cucaccaacagauUgg..... 1
Gi1_4073718_x3.....guucgauuUccggcgccggagc..... 1
Gi2_10743196_x3.....guucgauCcccggcgccggag..... 1
Gi5_8673065_x3.....ucgauucccgcgccggagcCu..... 1
Gi5_8673704_x3.....gguucgauucccgcgccggagcCu..... 1
Gi5_8711294_x3.....gguucgauucccgcgccAgag..... 1
Gi1_4065948_x3.....gguCcgauucccgcgccg..... 1
Gi2_10751776_x3.....guucgauucccgcgccggU..... 1

Gi3_27958253_x3.....uUgauuucccggcgcggag.....	1
Gi1_4074957_x3.....guucgauucccCgcgcgga.....	1
Gi3_27892247_x3.....gguucgauucccggcgcGgga.....	1
Gi2_10746802_x3.....gAuucgauucccggcgcgga.....	1
Gi3_27836450_x3.....guucgauucccggcgcgUag.....	1
Gi3_27812366_x3.....gguucgauucGcggcgccggag.....	1
Gi5_8666495_x3.ucacccaGcagaucggguu.....	1
Gi5_8680913_x3.....guucgauucccgUgcccggagc.....	1
Gi5_8688164_x3.....guucgauucUcggcgccgga.....	1
Gi2_10816390_x3.....guuNguuucccggcgcggagc.....	1
Gi3_27813704_x3.....uccgggCucgauucccggcgcgga.....	1
Gi3_27838577_x3.....uuccggcgccggagcCu.....	1
Gi1_4079502_x3.....uucgaCucccggcgcgg.....	1
Gi5_8676110_x3.....ucgauuccNggcgccggag.....	1
Gi5_8711684_x3.....gguucAuuucccggcgcgga.....	1
Gi2_10796617_x3.....guucgauucccggcgcGgg.....	1
Gi5_8694449_x3.....gguucgauucccggcgcCgagc.....	1
Gi5_8697125_x3.....guucgauucccgUcggcgagc.....	1
Gi2_10803223_x3.....guuGgauucccggcgcgga.....	1
Gi2_10769323_x3.....auuccggcgccggagcCu.....	1
Gi3_27813083_x3.....cggguucgNuucccggcgcgga.....	1
Gi2_10753882_x3.....gguucgauucccggcgcggaC.....	1
Gi2_10822213_x3.....cgauuccNgcgcggagcguu.....	1
Gi3_27932771_x3.....gguucgauucccCgcgcg.....	1
Gi5_8705831_x3.....gAuucgauucccggcgcgga.....	1
Gi4_552126_x3.....guucgaCucccggcgcggagc.....	1
Gi1_4071663_x3.....gguucgauucccggcgcUgga.....	1
Gi3_27947888_x3.....gguucgauucccgCcgccg.....	1
Gi1_4048947_x3cuUacccaacagaucgg.....	1
Gi2_10804204_x3.....guucgauucccggcgcgUagc.....	1
Gi1a_5872276_x3.....gguucgaCucccggcgcggagc.....	1
Gi3_27876740_x3.....guuAgauucccggcgcgga.....	1
Gi5_8713547_x3.....guucgauuGccggcgccgg.....	1
Gi1_4063098_x3.....gguucgauuccGggcgccgg.....	1
Gi1_4071303_x3cucacccaacagaucUgg.....	1
Gi1a_5855329_x3.....Aguucgauucccggcgcg.....	1
Gi1_4078809_x3.....gguucgauucccggcgcggagcCuu.....	1
Gi2_10755211_x3...cGcaacagaucggguuc.....	1
Gi3_27939230_x3.....ggguucgauucccggcgcggCgc.....	1
Gi3_27963530_x3.....gguucgauucccggcgcA.....	1
Gi3_27940733_x3.....gguuAgauucccggcgc.....	1
Gi3_27874355_x3.....uccggguuNguuucccggcgcgga.....	1
Gi2_10822219_x3.....gguucgauucccggcgcggagc.....	0
Gi3_27944972_x3.....ucUauucccggcgcggagc.....	1
Gi1_4077564_x3.....gguucgGuucccggcgcggagc.....	1
Gi3_27881726_x3.....gguucgauucccgUcggcgag.....	1
Gi5_8716589_x3.....guucgauucccgAgccgga.....	1

Gi3_27822023_x3.....auUcggguucgauucccgcgccgga..... 1
Gi3_27846707_x3.....Acgauucccgcgccgga..... 1
Gi3_27843638_x3.....ggUAcgauucccgcgccgga..... 1
Gi1_4057752_x3.....gguucgaCucccgcgccgga..... 1
Gi1_4087377_x3.....gAuucgauucccgcgccgga..... 1
Gi2_10791622_x3.....gguuAgauucccgcgccgga..... 1
Gi1_4059540_x3.....gguucAauucccgcgccg..... 1
Gi2_10790146_x3.....gguucgauucccgcgccgAa..... 1
Gi5_8701718_x3.....Gccggguucgauucccggc..... 1
Gi3_27913643_x3.....agauccggguucgUuucc..... 1
Gi5_8700377_x3.....uuUgauucccgcgccg..... 1
Gi2_10776085_x3.....gguucUauucccgcgcc..... 1
Gi3_27864263_x3.....guucgauucccgcgccU..... 1
Gi1_4072857_x3.....guucgauucccgcgccCa..... 1
Gi3_27820343_x3.....ucAauucccgcgccgga..... 1
Gi3_27864914_x3.....uucgaCucccgcgccg..... 1
Gi1_4054593_x3cucacccGacagaucgg..... 1
Gi1_4075113_x3.caccaaacagaucgggGucgauucc..... 1
Gi3_27950240_x3.....aGccggguucgauucccgcgccgga..... 1
Gi5_8669648_x3.....guucgauucccgcgccUgagc..... 1
Gi1_4073901_x3.....uUgauucccgcgccgga..... 1
Gi2_10813018_x3.....ccUaacagaucggguuc..... 1
Gi1_4060719_x3.....gguucgauucAcggcgccg..... 1
Gi2_10745017_x3.....gguucgauucccgcgccCgag..... 1
Gi3_27869522_x3.....guucgauucccgCcgccg..... 1
Gi2_10743235_x3.....gguucgauucccgcgccGggag..... 1
Gi5_8653064_x3.....Cauucccgcgccgga..... 1
Gi5_8658149_x3.....guGcgauucccgcgccgga..... 1
Gi1_4089273_x3.....gguucgaCucccgcgccg..... 1
Gi5_8706995_x3.....gguucgauucccgcgccA..... 1
Gi1_4063026_x3.....gAucgauucccgcgccgga..... 1
Gi2_10828222_x3.....gguucgauuccCcgccgga..... 1
Gi3_27892118_x3.....guuNgauucccgcgccg..... 1
Gi3_27816947_x3.....ggNucgauucccgcgcc..... 1
Gi1_4057833_x3.....gguucgauuccUgcgccg..... 1
Gi3_27954461_x3.....gguuAgauucccgcgccg..... 1
Gi2_10785715_x3.....ucgauucAcggcgccgga..... 1
Gi3_27914537_x3.....guucgauuccUgcgccgga..... 1
Gi3_27868535_x3.....cagaucggguCcgauucc..... 1
Gi5_8653847_x3.....uCcgauucccgcgccg..... 1
Gi3_27909551_x3.....uucgauuccUggcgccgga..... 1
Gi3_27935387_x3.....Cauucccgcgccgga..... 1
Gi3_27827657_x3.....gAucgauucccgcgccg..... 1
Gi2_10776802_x3.....guucgauucccgAgccgga..... 1
Gi2_10778767_x3.....gguucgauuccAgcgccgga..... 1
Gi5_8660549_x3.....guucgauuccAgcgccg..... 1
Gi2_10821682_x3.....gguucgauuccUgcgcc..... 1

Gi1_4055508_x3.....	gguucgauucccgAcgccgg.....	1
Gi2_10823227_x3.....	.guucgauucccAgcgcggag.....	1
Gi3_27834272_x3.....	.guuAgauucccggcgcggagc.....	1
Gi2_10784119_x3.....	.gguAcgauucccggcgcgg.....	1
Gi3_27814679_x3.....	.ucgauucccggcgcAggagc.....	1
Gi3_27954134_x3.....	.guucgauucccUgcgcggagc.....	1
Gi3_27925910_x3.....	.cgauuccUgggcgcggagc.....	1
Gi1a_5845960_x3.....	.guucgauucccggcgcggagcCu.....	1
Gi3_27851090_x3.....	.Gggguucgauucccggcgcggag.....	1
Gi3_27906098_x3.....	.uucgauuUccggcgcggga.....	1
Gi5_8680364_x3.....	.gguucgauucUcggcgcgg.....	1
Gi1_4087308_x3.....	.guucgGuucccggcgcgg.....	1
Gi2_10783159_x3.....	.guucgauuccGggcgcgg.....	1
Gi2_10790641_x3.....	.gguucgauuUccggcgcgg.....	1
Gi1_4068717_x3.....	.gguucgauucccggcgcUcgga.....	1
Gi2_10780225_x3.....	.Aauucccggcgcggagc.....	1
Gi5_8716610_x3.....	.gguucgauucccggcgcU.....	1
Gi5_8692454_x3.....	.gguucgauucccgUgcggag.....	1
Gi2_10801846_x3.....	.guucgaAuucccggcgcggagc.....	1
Gi3_27842411_x3.....	.gguucgauuccGggcgcgg.....	1
Gi3_27964262_x3.....	.gguucgauucccggcgcUa.....	1
Gi3_27913328_x3.....	.caacagauNcggguucgauucc.....	1
Gi5_8655605_x3.....	.guucgauucccggcgcAga.....	1
Gi3_27884855_x3.....	.uucgauuUccggcgcggagc.....	1
Gi1_4073733_x3.....	.uuUgauucccggcgcggagc.....	1
Gi2_10795651_x3.....	.gguucgauuAccggcgcggga.....	1
Gi4_548499_x3.....	.gguucgauucccggcgc.....	0
Gi2_10788475_x3.....	.ucgauucccggcgcAgagc.....	1
Gi5_8652128_x3.....	.guucgauucccgUcgcggga.....	1
Gi3_27819824_x3.....	.gguuAgauucccggcgcgg.....	1
Gi1_4065504_x3.....	.guucAauucccggcgcgg.....	1
Gi5_8655893_x3.....	.guucCauucccggcgcgg.....	1
Gi5_8653148_x3.....	.guucgauucccggcgcAggagc.....	1
Gi1_4048995_x3.....	.gguucgaCuucccggcgcggagc.....	1
Gi2_10822114_x3.....	.gguuGgauucccggcgcggga.....	1
Gi2_10753012_x3.....	.ggguucgauucccggcgcggagcC.....	1
Gi1_4128985_x2.....	.Cuuccggguucgauucccggcgcgg.....	1
Gi3_28231734_x2.....	.cgauucccggcgcGcggagc.....	1
Gi3_28114184_x2.....	.cagaucggguucgauuUcc.....	1
Gi5_8808605_x2.....	.ucacAcaacagaucggguu.....	1
Gi5_8777695_x2.....	.gguucgauuccGggcgcgg.....	1
Gi3_28086514_x2.....	.cagaucggguucgauCccc.....	1
Gi2_10975085_x2.....	.ucgauucccggcgcggG.....	1
Gi3_28062226_x2.....	.guucgauucccggcgcGcggag.....	1
Gi5_8800855_x2.....	.guucgauuAcccggcgcggagc.....	1
Gi1a_5955404_x2.....	.uucgGuucccggcgcggagc.....	1
Gi2_10883591_x2.....	.ucgauucccggcgcUga.....	1

Gi2_10905121_x2.....cgauucccgAcgccggagcguuu..... 1
Gi1_4140307_x2.....guucgauucccgAcgccg..... 1
Gi1_4147109_x2cucacccaacagauccgA..... 1
Gi5_8808483_x2.....gguucgaGucccggcgcg..... 1
Gi4_560646_x2.....gguucgauuccUcgcccg..... 1
Gi2_10932017_x2cucacccaacGgauccgg..... 1
Gi3_28146306_x2.....cgauucccggcgcggGgc..... 1
Gi5_8759113_x2.....cUauucccggcgcggagcguuuc..... 1
Gi5_8718575_x2.....gguucgauucccggcgcggagG..... 1
Gi1_4153047_x2.....guAcgauucccggcgcggagc..... 1
Gi3_28144720_x2cucacccaacagaucUgg..... 1
Gi5_8732521_x2.....uccggguucgGuucccg..... 1
Gi1_4111627_x2.....gguucgauucccgUgccc..... 1
Gi2_10858823_x2.....guucgauucUcggcgcg..... 1
Gi3_28057976_x2.....auccUggguucgauucccggcgcgga..... 1
Gi5_8785603_x2.....ucgauucccgAcgccggag..... 1
Gi5_8729459_x2.....guucgauuccAggcgcgcgagc..... 1
Gi3_28212126_x2.....gauucccgAcgccggagc..... 1
Gi2_10832883_x2.....guucgauGccggcgcgg..... 1
Gi5_8826375_x2.....Nuucgauucccggcgcgg..... 1
Gi2_10882565_x2.....gauucccggcgcUggagc..... 1
Gi5_8812831_x2.....guucgauucccgAcgccggagc..... 1
Gi1_4133053_x2.....ggGucgauucccggcgcg..... 1
Gi2_10984659_x2.....guucgauucccggcgcggagG..... 1
Gi3_28067814_x2.....gguucgauucccggcGcggag..... 1
Gi5_8745705_x2.....gguucgauuAccggcgcggag..... 1
Gi5_8793103_x2.....cgauucccggcgcggagcC..... 1
Gi2_10981085_x2.....guucgauucccggcgccUg..... 1
Gi5_8829199_x2.....Ccgauucccggcgcggag..... 1
G1a_5959402_x2.....ggCucgauucccggcgcg..... 1
Gi1_4152497_x2cucaccUaacagauccgg..... 1
Gi2_10908019_x2.....gguucgauuccAggcgcgg..... 1
Gi2_10838901_x2.....guucgauucccgAcgccggag..... 1
Gi5_8782019_x2.....gguucAauucccggcgcggag..... 1
Gi3_28079716_x2.....gguucgauucccggcgcGgg..... 1
Gi3_27984986_x2.....agauccggguucAauucc..... 1
Gi3_27993194_x2.....gguucgaGucccggcgcggag..... 1
Gi3_28173668_x2.....uucgauucccggcUcgga..... 1
Gi1_4114517_x2.....gAucgauucccggcgcggagc..... 1
Gi4_565016_x2_cucacccaNcagauccggguucg..... 1
Gi3_28023594_x2..Uaccacaacagauccggguuc..... 1
Gi3_28013354_x2.....uucgauuccAgcgcggga..... 1
Gi3_27989860_x2....cccaacagNuccggguucgauucc..... 1
Gi5_8797229_x2.....gguucgauucccggcAcc..... 1
Gi2_10851903_x2.....gguAcgauucccggcgcgg..... 1
Gi2_10893279_x2.....agauccgggAucgauucc..... 1
Gi5_8719757_x2.....gguuUgauucccggcgcggagcgu..... 1

Gi1_4119445_x2.....uucgauuccUggcgcccg.....	1
Gi1_4129275_x2.....gguucgauuccCgcgcccggagc.....	1
Gi2_10911591_x2.....gauucccgUcgcgggagc.....	1
Gi1_4147021_x2.....guucgauucccgcgAg.....	1
Gi5_8754843_x2.....agUuccggguucgauucc.....	1
Gi1_4106429_x2Aucaccaacagauccg.....	1
Gi2_10980421_x2.....guucgCuucccgggcgcgga.....	1
Gi3_28154320_x2.....caacagauccggguucgCuucc.....	1
Gi5_8738921_x2.....guucgauucccgcgAgcggagc.....	1
Gi3_28167666_x2.....cagauccggguucgauuccU.....	1
Gi3_28073120_x2.....uccggguucgauucccgAgcgcgga.....	1
Gi1_4097929_x2.....guucgauucccgAgcgcgga.....	1
Gi5_8775529_x2cucacccUacagauccg.....	1
Gi3_28053262_x2.....Cucgauucccgggcgcgga.....	1
Gi5_8772669_x2.....uucgauucccgcgcccggagcC.....	1
Gi1_4138577_x2.....guucgauuccUggcgcccga.....	1
Gi1_4106031_x2cucacccaNcagauccggguucga.....	1
Gi1_4106033_x2.....gguucgauuccAgcgcccga.....	1
Gi4_564836_x2.....gguucgauucccgcgcccggCgc.....	1
Gi5_8789299_x2.....guucCauucccgcgcccg.....	1
Gi2_10928843_x2.....uucgauucccgcgcgAgg.....	1
Gi3_28146416_x2.....gguucgauucccgcgcccggagcAu.....	1
Gi3_28174612_x2.....gauucccgcgcccggagcCu.....	1
Gi1a_5925080_x2.....gguucgauuccAgcgcccggagc.....	1
Gi5_8819591_x2.....gguucgauucccgAgccccggag.....	1
Gi1_4125299_x2.....ucgauucccgcgcccgggaU.....	1
Gi3_28027990_x2.....cgauucccgcgcccAgag.....	1
Gi1a_5929114_x2.....gguucgauuccAgcgcccggag.....	1
Gi5_8757575_x2.....gguucgauuccUgcgcccggag.....	1
Gi2_10977695_x2.....guucgauucccgcgcccgggaA.....	1
Gi5_8811325_x2.....guucgauuccGggcgcccg.....	1
Gi1_4141445_x2.....gguucgUuucccgcgcccggagc.....	1
Gi5_8742179_x2.....gguucgauAcccgcgcccggag.....	1
Gi3_28016178_x2.....ccaacagauccggguucgauucccgcgcccga.....	0
Gi2_10861221_x2.....guucgauGcccggcgcccggagc.....	1
Gi1a_5905292_x2.....gguucgauucccgcgcccgc.....	1
Gi3_28096670_x2cuUacccaacagauccggguucgau.....	1
Gi3_28169190_x2.....uuUgauucccgggcgcgga.....	1
Gi1a_5954434_x2.....gGucgauucccgcgcccggag.....	1
Gi3_28096924_x2.....guucgauuccAgcgcccgc.....	1
Gi5_8822577_x2.....gguucgauuccAgcgcccgc.....	1
Gi5_8757095_x2.....Ggauucccgcgcccggagcguuuc.....	1
Gi3_28028530_x2cucacccaacagauccggguCcgau.....	1
Gi2_10991491_x2.....gguuAgauucccgggcgcg.....	1
Gi1_4149379_x2.....gguucgauucccgAgcgc.....	1
Gi1_4107127_x2.....Gccggguucgauucccgcgcccga.....	1
Gi2_10886403_x2.....guucgauAcccgcgcccga.....	1

Gi3_28084158_x2.....Cgguucgauucccgccgag.....	1
Gi1_4148397_x2cucaccaacagCuccgg.....	1
Gi3_28038396_x2.....ucgauucccgccgGggagc.....	1
Gi3_28134604_x2.....cGacagauccggguucga.....	1
Gi5_8721603_x2.....uGgauucccgccgag.....	1
Gi3_28026106_x2.....Cgauccggguucgauucc.....	1
Gi3_28141704_x2.....guucgauuccAgggccgag.....	1
Gi3_28001584_x2Gucaccaacagauccggguucgauu.....	1
Gi5_8812521_x2.....guucgauuccAcggccgga.....	1
Gi5_8745639_x2.....gguucgauucccgccgGccgagc.....	1
Gi1_4129793_x2.....gguucgCuucccgccgag.....	1
Gi3_28218068_x2.....gguucgaAucccgccgag.....	1
Gi1_4134587_x2.....guucgauucccgccUga.....	1
G1a_5953700_x2.....guucgauucccgccUcggagc.....	1
Gi5_8812953_x2.....gaCucccgccgagc.....	1
Gi5_8827803_x2.....gauuccAgccgagc.....	1
Gi3_28194368_x2.....gguucgauucccgccgagcG.....	1
Gi5_8730235_x2.....ucgauuccNggccgagc.....	1
Gi3_28210346_x2.....gguucgauucccgGccg.....	1
Gi1_4123847_x2.....Gaacagauccggguucgauucccgcc.....	1
G1a_5934562_x2.....gguucUauucccgcc.....	1
G1a_5976424_x2.....gguucgCuucccgccg.....	1
Gi2_10922353_x2.....cgauucccgccgag.....	0
Gi2_10988729_x2.....cgauUccggccgagcguuc.....	1
Gi5_8745417_x2.....gguucgauucccgAcgcc.....	1
Gi2_10840491_x2.....guucgauucccgAgccgag.....	1
Gi1_4095373_x2.....ucgauCcccgccgagc.....	1
Gi1_4118757_x2.....Cucgauucccgccgagc.....	1
Gi5_8817329_x2.....cccaacGgauccggguuc.....	1
Gi3_28241752_x2.....cagauccgAguucgauucc.....	1
Gi3_28076800_x2..caccacagauccggguCc.....	1
Gi1_4151871_x2.....ggguucgaNuucccgccgga.....	1
Gi3_28000816_x2.....guucgauucccgccgUa.....	1
Gi1_4134717_x2.....guucgauucccgUgccc.....	1
Gi1_4123089_x2cucaGccaacagauccgg.....	1
Gi3_28181902_x2.....gguucgauucccgccUg.....	1
Gi2_10964051_x2.....guucgauucccgccgUg.....	1
Gi2_10974063_x2.....uccggguuNgauucccgccgga.....	1
Gi5_8731855_x2.....Gcagauccggguucgauucccgcc.....	1
Gi2_10926921_x2.....guucgauucccgccCga.....	1
Gi4_554144_x2 cGaccaacagauccggguucg.....	1
Gi5_8808045_x2cucaccaacagauAcgg.....	1
Gi3_27997574_x2.....gauucccgccgagU.....	1
Gi3_28241054_x2.....uucgauucccgccAga.....	1
Gi5_8765215_x2.....guuNgauucccgccg.....	1
Gi5_8763795_x2.....gguucgauucccgAcgcc.....	1
Gi1_4120257_x2.....ggguucgauCcccgccgga.....	1

Gi3_28051586_x2.....ucgauucccgccgcccgaA..... 1
Gi2_10835117_x2.....ucgauCcccggcgccggagc..... 1
Gi3_28251356_x2.....cgauCcccggcgccggagc..... 1
Gi3_28236582_x2.....guucgauCcccggcgccg..... 1
Gi3_28021150_x2.....gNucgauucccgccgcccga..... 1
Gi2_10836725_x2.....gauucccgNcgccggagc..... 1
Gi3_27980764_x2Uucacccaacagauccgg..... 1
Gi5_8746429_x2cucacccaacagauUcgg..... 1
Gi3_28162802_x2.....gauucAcggcgccggagc..... 1
Gi1_4153353_x2.....ggGucgauucccgccgcccga..... 1
Gi3_28199080_x2.....gguucgauucccgccgcccUgag..... 1
Gi3_28016184_x2.....Nguucgauucccgccgcccga..... 1
Gi3_28108166_x2.....ucgauucccgccgcccggagcU..... 1
Gi2_10831301_x2.....guucgauucAcggcgcccga..... 1
Gi2_10913593_x2.....agauccggguCcgauucc..... 1
G1a_5954188_x2.....guucgGuucccgccgcccg..... 1
Gi3_28094734_x2.ucacccaNagauccggguuc..... 1
Gi2_10890015_x2.....guGcgauucccgccgcccgag..... 1
G1a_5954946_x2.....gguucgGuucccgccgcccga..... 1
Gi1_4145965_x2cucacccaacagauAgg..... 1
Gi1_4153575_x2.....ucgauucccgccgcccggCgc..... 1
Gi3_28194068_x2.....ucgauucccgccgAcggagc..... 1
Gi1_4138575_x2.....guucgauucAcggcgcccga..... 1
G1a_5965278_x2.....gguucgauucccgccgUcggagc..... 1
Gi3_28022676_x2.....uucgauucccgccgcccggagcA..... 1
Gi1_4152189_x2.....gguucgauucccUgcgcccg..... 1
Gi1_4093929_x2.....guucUauucccgccgcccg..... 1
G1a_5955874_x2.....gguucgauucccgccgcccgCg..... 1
Gi2_10960141_x2.....uucgauucccgccAccgga..... 1
Gi2_10854593_x2.....Cgguucgauucccgccgcccg..... 1
Gi3_28012736_x2.....ggNucgauucccgccgcccg..... 1
Gi3_28178876_x2cAcacccaacagauccgg..... 1
Gi5_8811253_x2.....cgUuucccgccgcccggagcguuuc..... 1
Gi1_4148939_x2.....guGcgauucccgccgcccga..... 1
Gi3_28140802_x2.....gguucCauucccgccgcccga..... 1
Gi3_28002086_x2.....guucgauucccgccgGccggag..... 1
Gi2_10886137_x2.....gAuucgauucccgccgcccg..... 1
G1a_5974960_x2.....ggCucgauucccgccgcccggag..... 1
Gi1_4106883_x2cucacccaCagauccgg..... 1
Gi1_4150583_x2.....guucgauucccgAcgcccga..... 1
G1a_5889316_x2.....guucgCucccgccgcccg..... 1
Gi5_8756105_x2.....Uauccggguucgauucccgccgcccga..... 1
Gi5_8791119_x2.....Gcgguucgauucccgccgcccga..... 1
Gi2_10873443_x2.....gguucgUuucccgccgcccg..... 1
Gi1_4123129_x2.cacccaacNgaucggguucgauucc..... 1
Gi3_28198142_x2.....uucgauucccgccgcccga..... 1
Gi3_28117386_x2.....gguucgauucccgccUccg..... 1

Gi1_4147217_x2.....guucgauucccgUgccggagc.....	1
Gi3_28017590_x2.....gauccgggNucgauuccc.....	1
Gi1a_5966336_x2.....gguucgauucccgccAgagc.....	1
Gi4_554608_x2.....guucgaCucccgccgcccgg.....	1
Gi5_8770651_x2.....guucgauucccgccgAagc.....	1
Gi2_10947541_x2...Uccaacagauccggguuc.....	1
Gi2_10964813_x2.ucaccaacagauccggguu.....	0
Gi3_28119816_x2.....Cucgauucccgccgcccggagc.....	1
Gi2_10924103_x2.....uucgauucNcgccgcccggagc.....	1
Gi3_28247670_x2.....cagauccAgguucgauuccc.....	1
Gi1_4156275_x2.ucaccaacagaCccgggu.....	1
Gi2_10952571_x2.....guucgauucccgccgcccggaUc.....	1
Gi3_28150320_x2.....gguucgauucccgccgcccggaA.....	1
Gi3_28229644_x2.....cgauucccgccgcccggagcCu.....	1
Gi1_4121371_x2.....gguucgauucccgccAgag.....	1
Gi4_558418_x2.....gguucgauucccgAgccgg.....	1
Gi5_8765217_x2.....guucgauucccgCccgccc.....	1
Gi5_8719451_x2.....gguucgauucccgccgGccgga.....	1
Gi4_557714_x2.....guucgauCcccgccgcccgg.....	1
Gi3_28078074_x2.....guucgauUcccgccgcccgg.....	1
Gi3_27994084_x2.....uucgCuucccgccgcccgga.....	1
Gi5_8798343_x2.....gguucgauUcccgccgcccgga.....	1
Gi3_28107384_x2.....ucgauucccgccCccggagc.....	1
Gi3_28018856_x2.....guucgaAucccgccgcccgg.....	1
Gi5_8764685_x2.....guucgauAcccgccgcccgga.....	1
Gi2_10830241_x2.....gguucgauucccgccUccggag.....	1
Gi1_4118337_x2..caUccaacagauccggguucgauucc.....	1
Gi2_10973233_x2.....guucgauucccgGgcccgg.....	1
Gi1a_5894674_x2.....gguucgauucccgccgUc.....	1
Gi3_28229778_x2.....gggGucgauucccgccgcccggagc.....	1
Gi3_28130614_x2.....agauccggguucgCuuccc.....	1
Gi5_8763973_x2.....gguucgauucccgccgcccggagcAu.....	1
Gi5_8724119_x2.....Nguucgauucccgccgcccggagc.....	1
Gi5_8780981_x2.....gguucgauucccgccgGccg.....	1
Gi3_28185408_x2.....uucgauucUccgcccgg.....	1
Gi1_4135867_x2.....Cguucgauucccgccgcccgga.....	1
Gi2_10869407_x2.....guucCauucccgccgcccggagc.....	1
Gi3_28051810_x2.....gguucgauucccgccgcccUga.....	1
Gi5_8803327_x2.....agaucUggguucgauuccc.....	1
Gi1_4120567_x2.....guucgauucccgccgAgga.....	1
Gi3_28204358_x2.....cgaCucccgccgcccggagc.....	1
Gi2_10952191_x2.....gguucgauucccgccgcccCg.....	1
Gi3_28149672_x2.....gggGucgauucccgccgcccgg.....	1
Gi4_556180_x2.....Auucgauucccgccgcccgg.....	1
Gi1_4145737_x2.....cgguucgauucccgccgcccgg.....	0
Gi2_10831105_x2.....uGcgauucccgccgcccgga.....	1
Gi5_8730009_x2.....gguucgauAcccgccgcccgg.....	1

Gi3_27984222_x2.....guucgauucccgcgccggaU..... 1
Gi5_8826953_x2.....uGgauucccgcgccggagc..... 1
Gi5_8762963_x2.....gguucgauucccgcgccAgga..... 1
Gi3_28169138_x2.....uAcgauucccgcgccggagc..... 1
Gi4_560504_x2.....gguCcgauucccgcgccggagc..... 1
Gi2_10935317_x2.....guucgauucccgcgccgAag..... 1
Gi3_28154844_x2.....cgguucgauucccAgcgccgga..... 1
Gi3_28204134_x2.....ucgauucccgcgccggagU..... 1
Gi3_28152912_x2.....gguucgauucccCgcgccggag..... 1
Gi1_4103481_x2.....gguucgauucccgcgccU..... 1
Gi2_10912907_x2.....gguNcgauucccgcgcc..... 1
Gi5_8754887_x2.....uucgaCucccgcgccgg..... 1
Gi1_4091359_x2.....Cuucgauucccgcgccggagc..... 1
Gi2_10919851_x2.....gauucccgcgccggagcCu..... 1
G1a_5966242_x2.....uucgaCucccgcgccggagc..... 1
Gi1_4153439_x2.....gguucgauucccgAcgccgga..... 1
Gi5_8748139_x2.....Gagaucggguucgauucccgcgccg..... 1
Gi2_10914825_x2.....uUgauucccgcgccggag..... 1
Gi3_28160534_x2.....uucgGuucccgcgccggagc..... 1
Gi3_28140736_x2.....ucgaGuucccgcgccggag..... 1
Gi2_10869631_x2.....gguucgauucccgGgcccggag..... 1
Gi3_28226426_x2.....uucgauucccgcgccgGcgga..... 1
Gi3_28236300_x2.....Guuccggguucgauucccgcgccggagc..... 1
Gi2_10925471_x2.....gguucgauucccgcgccCga..... 1
G1a_5952986_x2.....guucgauucccgcgccggagU..... 1
G1a_5909814_x2.....gguucgauucccgcgccggC..... 1
Gi3_28141006_x2.....ggguCcgauucccgcgccg..... 1
Gi5_8766929_x2.....cagaucgggGucgauucccgcgccg..... 1
Gi3_28053326_x2.....gguucgauucccgCcgccgga..... 1
Gi2_10976811_x2.....gguucgauucccgcgccUga..... 1
Gi2_10890847_x2.....guucgauucccgcgccCgag..... 1
Gi5_8810763_x2.....gguuGgauucccgcgccgg..... 1
Gi1_4135311_x2.....gguucgauNcccggcgcc..... 1
Gi3_28166684_x2.....guucgauucccgUcgccg..... 1
Gi5_8785053_x2.....gguuGgauucccgcgccgga..... 1
Gi2_10922863_x2.....guucgauAcccgcgccg..... 1
Gi2_10921797_x2.....uuUgauucccgcgccgga..... 1
Gi5_8752639_x2.....ggGucgauucccgcgccggagcguu..... 1
Gi1_4095171_x2.....gguucgauuccUggcgccggagc..... 1
Gi1_4106855_x2.....gguucgauucccgcgAcg..... 1
Gi1_4158449_x2.....gguucgauCcccggcgccgga..... 1
G1a_5936950_x2.....Cguucgauucccgcgccgga..... 1
Gi1_4142901_x2.....gguuUgauucccgcgccgga..... 1
Gi3_28175422_x2.....uucgauucccgcgccUggagc..... 1
Gi3_28108420_x2.....cagaucgggCucgauucc..... 1
Gi3_28254678_x2.....Ugauucccgcgccggagc..... 1
Gi2_10990005_x2.....gguucgauuccGggcgcc..... 1

Gi3_28180718_x2.....aCaucggguucgauucc.....	1
Gi2_10897531_x2.....guucgauAccggcgccggag.....	1
Gi5_8774561_x2.....gguucgauNccggcgccggagcgu.....	1
Gi3_28224872_x2.....uucAauuccggcgccggagc.....	1
Gi3_28083252_x2.....guucgauucAcggcgccggag.....	1
Gi5_8739787_x2.....guuGgauuccggcgccgg.....	1
Gi2_10969409_x2.....guuGgauuccggcgccgg.....	1
Gi5_8820787_x2.....gguucgauuccggcgUcggag.....	1
Gi1_4104675_x2.....gguucgauuccggcgccggCg.....	1
Gi5_8824933_x2.....gguucgauCccggcgccgg.....	1
Gi5_8730799_x2.....guucgauucGcggcgccg.....	1
Gi3_28014692_x2..cacccaacNgauccggguuc.....	1
Gi3_28133342_x2.....ucgauuccggcgccgCagc.....	1
Gi4_560328_x2 cuUaccaacagauccggguucg.....	1
Gi4_564144_x2 ..guucgauuccggcgccggagcA.....	1
Gi5_8718507_x2.....guucgauuccggcgccggagA.....	1
Gi1a_5938360_x2.....gguNcgauuccggcgccg.....	1
Gi5_8741773_x2.....uucgauuccggcgccggagc.....	0
Gi3_28150636_x2.....gaGucccggcgccggagc.....	1
Gi1_4131383_x2.....guucgauuccggcgAcggagc.....	1
Gi3_28247674_x2.....uucgauuccggcgccgAa.....	1
Gi3_28130308_x2.....cAuuccggcgccggagc.....	1
Gi5_8731359_x2.....gguucgauuccggcgccC.....	1
Gi1_4099341_x2.....gguucgauuccUggcgccgga.....	1
Gi5_8790799_x2.....guucUauuccggcgccggag.....	1
Gi2_10883617_x2.....ggAucgauuccggcgccgg.....	1
Gi1_4101425_x2.....gguucgauuccggcgGcgg.....	1
Gi1_4107525_x2.....uCcgauuccggcgccgg.....	1
Gi1_4155703_x2.....guucgauuUccggcgccgga.....	1
Gi3_28166900_x2.....cgauucAcggcgccggagc.....	1
Gi2_10871971_x2.....guucgauuccggcgccgCag.....	1
Gi3_28174380_x2.....ucgauuccggcgAccgga.....	1
Gi2_10940445_x2.....guuNgauuccggcgccgg.....	1
Gi3_28115858_x2.....uUcggguucgauuccggcgccgga.....	1
Gi5_8801793_x2.....ggCucgauuccggcgccggagcguu.....	1
Gi2_10904063_x2.....gauuccggUgccggagc.....	1
Gi4_559956_x2 ..guucgauuccggcgUcgg.....	1
Gi5_8795627_x2.....caacagaucggguucgauuccggcgccggagc.....	0
Gi1_4143387_x2.....gguuGgauuccggcgccg.....	1
Gi1_4156181_x2.....guucgauuccggcgccUgagc.....	1
Gi2_10869777_x2.....guucgauucGcggcgccggagc.....	1
Gi5_8822741_x2.....guucgauuccggcgccgCa.....	1
Gi2_10906983_x2.....gguucgauuccggcgUcc.....	1
Gi3_27992666_x2.....guucgauuccggcgccggagcAu.....	1
Gi3_28128564_x2.....uucgauuccggcgccggag.....	0
Gi3_28091478_x2cucaccaacCgauccgg.....	1
Gi3_28132424_x2.....gauccggguucgGuucc.....	1

Gi5_8746507_x2.....guucgauucccgGcCccggagc..... 1
Gi5_8753995_x2.....guucgauucccgCcgccgg..... 1
G1a_5885002_x2.....ggAucgauucccgGcCccggagc..... 1
Gi3_28006938_x2.....cAgguucgauucccgGcCccggga..... 1
Gi3_28147408_x2.....cagGuccggguucgauucc..... 1
Gi1_4141471_x2.....guucgauucccgGcCccggagA..... 1
Gi5_8808217_x2.....gguucgauucccgGcCccggag..... 1
Gi1_4148503_x2.....UuucgauucccgGcCccggag..... 1
Gi1_4142627_x2.....gguucgauucccAgcgcCcgga..... 1
Gi3_28234392_x2.....gguucgauucccgGcCccgggaU..... 1
Gi1_4108265_x2.....gCuucgauucccgGcCccggagc..... 1
Gi3_28174226_x2.....gauucccgGcCccgAagc..... 1
Gi1_4132611_x2.....ucgGuucccgGcCccggagc..... 1
Gi3_28239860_x2.....gauccggguucgaCucc..... 1
Gi5_8743865_x2.....AauucccgGcCccggagc..... 1
Gi5_8784921_x2.....guucgauucccgGcCccggagcgC..... 1
Gi1_4118663_x2.....gguucgauucccgGcCccgga..... 1
Gi3_28079074_x2.....ucgauuccAggCcgccgga..... 1
Gi2_10888181_x2.....gguucgUuucccgGcCccgga..... 1
Gi3_28147456_x2.....uuUgauucccgGcCccgg..... 1
Gi3_28168954_x2.....agauccggguucgauCccc..... 1
Gi5_8738045_x2.....uUgauucccgGcCccggagc..... 1
Gi2_10853421_x2.....cggguucgauucccgGcCccggagc..... 0
Gi5_8779869_x2.....gguucgGuucccgGcCcc..... 1
Gi1_4100149_x2cAcacccaacagauccgg..... 1
Gi3_28164796_x2.....gguucgauuccGggcgcc..... 1
Gi5_8735137_x2.....guucgauucccgGcCccggagc..... 1
Gi5_8723867_x2.....gguucgauucccgCcgccggagc..... 1
Gi1_4151121_x2.ucacccaaNagauccgggu..... 1
Gi3_28147466_x2.....ucgauucccgGcCcgUggagc..... 1
Gi1_4154003_x2.....guucgauAcccgGcCccggagc..... 1
Gi3_28078132_x2.....gauAcccgGcCccggagc..... 1
G1a_5911486_x2.....gguucgauucccgGcCccggUgc..... 1
Gi2_10846981_x2.....ucgauucccgGcCccggagc..... 1
Gi2_10929055_x2.....guucgauucccgGcCccggag..... 1
Gi2_10950493_x2.....gguucgauucccgGgcccgg..... 1
Gi3_28048188_x2.....gguucCauucccgGcCccgg..... 1
Gi3_28233852_x2.....gUguucgauucccgGcCccg..... 1
Gi1_4142341_x2.....guucgauucccgGcCccAgag..... 1
Gi1_4145897_x2..acccaacaNauccggguucgauucccg..... 1
Gi3_28104480_x2.....uucgauucccAgcgcCccggagc..... 1
Gi3_28231186_x2.....ucgauAcccgGcCccggagc..... 1
Gi2_10847523_x2.....guucgauucccgCcgccggagc..... 1
Gi5_8801251_x2.....uucccgGcCccggagcCu..... 1
G1a_5921074_x2.....gguucgauucccgGcCccggagA..... 1
Gi3_28230940_x2.....ucgauucccgCcgccggagc..... 1
Gi3_28077110_x2.....ucgauAcccgGcCccgga..... 1

Gi3_28040844_x2.....ucgauucccggcgcggaAc.....	1
Gi1_4094027_x2.....gguucgauucccggcgcU.....	1
Gi5_8744671_x2.....guucgauucccggcgAcgga.....	1
Gi2_10948143_x2.....Cgguucgauucccggcgcgagc.....	1
Gi3_28139806_x2.....Gacagauccggguucgauucccggcgcgga.....	1
Gi3_28217236_x2.....uucgauucccgAgccgga.....	1
Gi3_28052776_x2cucacccaaUagauccgg.....	1
Gi1_4118677_x2.....guucgauucccgUcgcg.....	1
G1a_5930474_x2.....gguucgauucccggcgAc.....	1
Gi3_28164826_x2.....guucgauucGcggcgccgga.....	1
Gi2_10948229_x2.....auucccggcgcgagcgA.....	1
G1a_5882038_x2.....Auucgauucccggcgcgagc.....	1
Gi4_556122_x2.....guucgauuNccggcgccg.....	1
Gi3_28065536_x2.....agauUggguucgauucc.....	1
Gi2_10924427_x2.....guucgCuucccggcgcg.....	1
Gi2_10991033_x2.....gguuGgauucccggcgc.....	1
Gi1_4127477_x2.....uucgauuccAgcgcg.....	1
Gi1_4139407_x2.....gguucgauucccggcgUcgg.....	1
Gi2_10918135_x2.....gguucgauucccggcgUcgg.....	1
Gi1_4140105_x2.....cgauucccggcgcgagc.....	1
Gi3_28005272_x2.....guucgauucccggcUccg.....	1
Gi2_10833539_x2.....guucgauucUcggcgccgga.....	1
Gi5_8754285_x2.....gguucgauucccgGgcg.....	1
Gi1_4148309_x2.....caGcagauccggguucgauu.....	1
Gi3_28024186_x2.....gguucgauuccUgcgcg.....	1
Gi1_4100751_x2.....gguucgauucccggcgcgAa.....	1
Gi1_4100873_x2.....guucgauucccggcAccggagc.....	1
Gi3_28041284_x2.....cgauucccggcgcggaAc.....	1
Gi3_28203820_x2.....cgauucccggcgcGggagc.....	1
Gi2_10980637_x2.....uccggguucgauucccggc.....	0
G1a_5913426_x2.....Gucgauucccggcgcgagc.....	1
Gi3_28171068_x2.....gguucgauucccggcgGcg.....	1
Gi2_10947365_x2.....guucgauuAccggcgccgag.....	1
Gi3_28150738_x2.....guuAgauucccggcgcgag.....	1
Gi4_553470_x2.....guucgauucccggcgcAg.....	1
Gi3_28089238_x2.....uucgauucAcggcgccgga.....	1
Gi3_28051960_x2.....gguucgauucUcgggc.....	1
Gi2_10897681_x2.....uuUgauucccggcgcgag.....	1
Gi1_4131255_x2.....uucgauucccggcgcgCgc.....	1
Gi3_28239946_x2.....ucgauucccggcgcgC.....	1
Gi5_8789659_x2.....guucgaAuucccggcgcgga.....	1
Gi2_10978487_x2.....gaAuucccggcgcgagc.....	1
Gi2_10858249_x2.....uucgauucccggcgcgCg.....	1
Gi2_10868905_x2.....gguucgauucccggcgcgU.....	1
G1a_5911236_x2.....uGcgauucccggcgcgagc.....	1
Gi5_8772665_x2.....agauccggguucgCuucc.....	1
Gi1_4116277_x2.....uucgauucccggcgcggaU.....	1

Gi2_10922609_x2.....gauucccgggcgccggagU..... 1
 Gi2_10831947_x2.....Gucgauucccgggcgccgga..... 1
 Gi2_10959617_x2.....gauucccgggcgccggUgc..... 1
 Gi3_28254224_x2.....guucgaGucccgggcgccg..... 1
 G1a_5904370_x2.....gCucgauucccgggcgccgg..... 1
 Gi2_10853099_x2.....ucgauucccgCcgccggag..... 1
 Gi3_28063662_x2cGcaccacaacagauccggguucgauu..... 1
 Gi2_10868073_x2.....guucgauuccAggcgcccggag..... 1
 Gi1_4138259_x2.....gguucgauuccUgcgcccga..... 1
 Gi2_10945881_x2.....uucgaCucccgggcgccgg..... 1
 G1a_5930724_x2.....ggGucgauucccgggcgccggagc..... 1
 G1a_5899828_x2.....gguuUgauucccgggcgccgg..... 1
 Gi5_8718193_x2.....auucccgggcgccggagcA..... 1
 Gi5_8823847_x2...acccaacaNauccggguucgauucc..... 1
 Gi2_10856589_x2.....cgauucccgggcgccggagcgCuuc..... 1
 Gi2_10940653_x2.....Cucgauucccgggcgccggagc..... 1
 Gi1_4153405_x2.....agauccgggCucgauucc..... 1
 Gi1_4118443_x2.....uucgGuucccgggcgccgg..... 1
 Gi3_28135542_x2.....guucgauucGcggcgccgg..... 1
 Gi3_28098530_x2.....cgauucccgggcgccggGg..... 1
 Gi5_8732703_x2.....gguucgauucccgggcgccAgg..... 1
 G1a_5897474_x2.....guucgauucccgggcgccUggagc..... 1
 Gi1_4112609_x2.....gguucgauucccgggcgUcggagc..... 1
 Gi5_8802831_x2.....gguuAgauucccgggcgccg..... 1
 Gi5_8782065_x2.....uucgauucccgggcgccggagcCu..... 1
 Gi5_8728773_x2.....guucgauucccgggcgccGgg..... 1
 Gi5_8723713_x2.....gUuucccgggcgccggagc..... 1
 Gi3_28190458_x2.....guucgauucccgggcgccGgg..... 1
 Gi5_8823089_x2.....uUcggguucgauucccggc..... 1
 Gi2_10984877_x2...cccaacGgauccggguuc..... 1
 Gi5_8745723_x2.....gguucgauAcccgggcgc..... 1
 Gi3_28160030_x2.....Gcagauccggguucgauucc..... 1
 Gi2_10951235_x2.....ucgauucccgggcgccggagU..... 1
 Gi3_28145154_x2.....cggguucgGuucccgggcgccgga..... 1
 Gi3_28175786_x2.....Ggauccggguucgauucc..... 1
 G1a_5977690_x2.....gguucgauNcccgggcgccgga..... 1
 Gi5_8748009_x2.ucacccaacagUuccgggu..... 1
 Gi3_28243286_x2.....ucgauucccgggcgccAgga..... 1
 Gi5_8747675_x2.....gguucgauucAcggcgccgg..... 1
 Gi3_28030324_x2.....ucgauucccgggcgccggagcgA..... 1
 Gi1_4145445_x2.....uucgauucUcggcgccgg..... 1
 Gi5_8789839_x2.....cggguucgauucccgUgccc..... 1
 Gi1_4124623_x2cucacccaacagUuccgg..... 1
 Gi3_28071682_x2.....gguGcgauucccgggcgccg..... 1
 Gi3_28133844_x2.....gNucgauucccgggcgccggagc..... 1
 Gi2_10884795_x2.....ucgauucccgggcgAcggagc..... 1
 Gi2_10852143_x2.....cgauucccgggcgccggGgcguu..... 1

Gi1_4122019_x2.....uucgauucccgcgccgga.....	0
Gi3_28146992_x2.....caacagauccggguucgauuccA.....	1
Gi2_10872295_x2.....gCuucgauucccgcgccgg.....	1
Gi1a_5951118_x2.....gguucgauucccgAgccggagc.....	1
Gi1a_5946596_x2.....gguucgauucccgcgAg.....	1
Gi2_10830341_x2.....ggGucgauucccgcgccgg.....	1
Gi1_4092719_x2.....gguucgauucccgcgccUg.....	1
Gi2_10858231_x2.....uccgAguucgauucccgcgccgga.....	1
Gi2_10973467_x2.....caacagauccggguucgauucc.....	0
Gi1_4143113_x2.....uucgauucNcgcgccggagc.....	1
Gi1a_5900034_x2.....Aguucgauucccgcgccgga.....	1
Gi5_8734655_x2.....gguucgauucccgcgccgAag.....	1
Gi3_28056430_x2.....uucgGuucccgcgccgg.....	1
Gi2_10965185_x2.....ucgGuucccgcgccggagc.....	1
Gi3_28034016_x2.....gguucgUuucccgcgcc.....	1
Gi3_28059142_x2.....cgauucccAgcgccggag.....	1
Gi3_28211802_x2.....aucggguucgauucccgcg.....	0
Gi3_28028268_x2.....uuGgauucccgcgccgg.....	1
Gi1_4096007_x2.Gcaccacaacagauccggguucga.....	1
Gi3_28253028_x2.....gggCucgauucccgcgccggag.....	1
Gi4_564000_x2.....gCucgauucccgcgccgga.....	1
Gi2_10850305_x2.....guucgaGuucccgcgccg.....	1
Gi3_28162628_x2.....gguuGgauucccgcgcc.....	1
Gi3_28257636_x2.....guuNgauucccgcgccg.....	1
Gi3_28128796_x2cucacccaacagaCccgg.....	1
Gi3_28038154_x2.....caacagauccggUuucga.....	1
Gi5_8737139_x2.....gguucgauucccgcgccgCagc.....	1
Gi4_562044_x2.....ggCucgauucccgcgccgg.....	1
Gi5_8788193_x2.....gguuAgauucccgcgccgga.....	1
Gi1_4114789_x2.....gguuUgauucccgcgccggagc.....	1
Gi1_4118461_x2.....ggAucgauucccgcgccgga.....	1
Gi3_28236100_x2.....caacagauccggguucAauucc.....	1
Gi1_4127809_x2.....guucgauucUcggcgccgga.....	1
Gi2_10893647_x2.....gguucgaAuucccgcgccgga.....	1
Gi3_28257730_x2.....gguGcgauucccgcgccgga.....	1
Gi4_553262_x2.....gguucgauNcccgcgccggagc.....	1
Gi3_28149006_x2Aucacccaacagauccgg.....	1
Gi5_8731585_x2.....guucgaAuucccgcgccggagc.....	1
Gi3_28086048_x2.....cgauucccgAgccggagc.....	1
Gi2_10955977_x2.....uucgaCuucccgcgccgga.....	1
Gi2_10982175_x2.....Cucgauucccgcgccgg.....	1
Gi1_4091203_x2.....guucgauucccgcgCccgga.....	1
Gi3_28096882_x2.....guucgauucccgcgccUgag.....	1
Gi5_8759301_x2.....guucgauuccUcggccg.....	1
Gi5_8722591_x2.....ucgauucccgcgccggCgc.....	1
Gi3_27997186_x2.....cagauccggguucgauucUc.....	1
Gi1_4125441_x2.....guucgauucccgcgCcgga.....	1

Gi1_4143699_x2.....	agaucgguucgauucc.....	0
Gi5_8770111_x2.....	guucUauucccgcgccggagc.....	1
Gi1_4129393_x2.....	auUcggguucgauucccgcgccgga.....	1
Gi2_10973301_x2.....	guucgauucccgcgGcg.....	1
Gi1_4118543_x2.....	guucgauucccgcgccC.....	1
Gi4_555552_x2.....	Uuucgauucccgcgccg.....	1
Gi2_10849895_x2.....	agaucggNuucgauucc.....	1
Gi1_4110277_x2.....	gguucgauucccgcgccggC.....	1
Gi3_28207296_x2.....	gguNcgauucccgcgccggag.....	1
Gi3_27995030_x2.....	.....gauucccgcgccgUagc.....	1
Gi3_28240662_x2.....	gguNcgauucccgcgccgg.....	1
Gi3_28146482_x2.....	guucgauuccUgcgccg.....	1
Gi5_8766899_x2.....	gCucgauucccgcgccggag.....	1
Gi1_4101387_x2.....	gguucgauucccgcgccggA.....	1
Gi1a_5898620_x2.....	gguucgauuccUgcgccggagc.....	1
Gi5_8950806_x1.....	guucgauUccgcgccggagc.....	1
Gi5_8916664_x1.....	caccaacagauccAgguucga.....	1
Gi2_11323640_x1.....	gUguucgauucccgcgccggag.....	1
Gi1_4174174_x1.....	caacagUuccggguucgauucccggc.....	1
Gi5_8868571_x1.....	guuNgauucccgcgccgga.....	1
Gi1_4325900_x1.....	caacagGuccggguucgauucccggc.....	1
Gi2_11157373_x1.....	agaucgggCucgauucc.....	1
Gi1_4244347_x1.....	Uauucccgcgccggagc.....	1
Gi2_11031798_x1.....	gguucgauucccgcgccG.....	1
Gi2_11338905_x1.....	gguucgauucccgcgccGg.....	1
Gi1a_6027245_x1.....	gguuAgauucccgcgccg.....	1
Gi3_28607525_x1.....	ggguucgauucccgcgAcggagc.....	1
Gi3_28525479_x1.....	aGcagauccggguucgauucc.....	1
Gi3_28920241_x1.....	caacagauccggguucGuucc.....	1
Gi3_28596304_x1.....	uucgauucccgcgccggUgc.....	1
Gi2_11158769_x1.....	uucgauucccgcgccAga.....	1
Gi2_11337343_x1.....	gguucgauucGcgccgcc.....	1
Gi3_28519263_x1.....	cagauccggguucgauucccggcAccgg.....	1
Gi5_9138174_x1.....	ggguucgauucccgcgAcg.....	1
Gi3_28979015_x1.....	Gucgauucccgcgccggag.....	1
Gi1_4323646_x1.....	Nuucgauucccgcgccgga.....	1
Gi3_28321592_x1.....	Accggguucgauucccgcgccgga.....	1
Gi1_4352148_x1.....	gguucgauCcccggcgccg.....	1
Gi5_9075623_x1.....	guucgaCucccgcgccggagcgu.....	1
Gi2_11354537_x1.....	ucgauuccAgcgccggagc.....	1
Gi1_4274271_x1.....	uucgauucccgcgccggagcA.....	1
Gi1a_6038980_x1.....	gguucgauucccgUgcggagc.....	1
Gi3_28923891_x1.....	Ugauccggguucgauucc.....	1
Gi3_28548837_x1.....	cgggCucgauucccgcgccgga.....	1
Gi5_8834483_x1.....	gguucgauucccgGcgccggag.....	1
Gi1_4167359_x1.....	gUguucgauucccgcgccgg.....	1
Gi3_28845590_x1.....	ggguuUgauucccgcgccg.....	1

Gi2_11400291_x1.....uccgggCucgauucccgcgccgga..... 1
Gi4_576983_x1.....guucAauucccgcgccgg..... 1
Gi5_9026824_x1.....agauAcggguucgauucc..... 1
Gi1_4366842_x1cGcacccaacagauccggguucga..... 1
Gi5_8842286_x1.....gguucgauuccAggcgcggagcguu..... 1
Gi5_8887075_x1.....gguucgUuucccgcgccgg..... 1
Gi5_8960424_x1.....gguucgauucAcggcgcc..... 1
Gi3_28281794_x1.....ggguucgauuccUggcgccgga..... 1
Gi2_11193403_x1.....cccaacagCuccggguuc..... 1
Gi3_28870627_x1.....guucCauucccgcgccggagc..... 1
Gi3_28516877_x1.....agauccggguCcgauucccgcgccggag..... 1
Gi3_28488094_x1.....Gagauccggguucgauucccgcgccgg..... 1
Gi2_11144500_x1.....guucgauucccgGgcccggag..... 1
Gi3_28668874_x1.....caacagauccggguucgauucccgcgccggagc..... 0
Gi3_28552813_x1.....guuNgauucccgcgccggag..... 1
G1a_6330265_x1.....gguucgauucccgcgccUgga..... 1
Gi2_11263507_x1.....gguucUauucccgcgccg..... 1
Gi5_8941812_x1.....gguucgauucccgcgccggagcguuC..... 1
Gi1_4192941_x1.....Aaacagauccggguucgauucccggc..... 1
G1a_6343388_x1.....gguucUauucccgcgccg..... 1
Gi5_9018245_x1.....gguucgauucccgcgccAgagcguu..... 1
Gi3_28440405_x1.....cgNuucccgcgccggagc..... 1
Gi2_11201441_x1.....guucgauucccgcgccgUag..... 1
Gi3_28500151_x1.....ggguucgauucccgcgga..... 1
G1a_6330986_x1.....guucgauuccCgcccg..... 1
Gi3_28771493_x1.....caGcagauccggguucgauucc..... 1
Gi4_597138_x1.....guucgauucccgUgcccga..... 1
Gi2_11361890_x1.....ccggguucgauucccgcgccUcgga..... 1
Gi3_28625165_x1cucacccaacagauUcgg..... 1
Gi2_11235190_x1.....guucgauucccgcgccUgag..... 1
Gi1_4224993_x1cucacccaacagauccggguucg..... 0
Gi3_28819375_x1.....agauccgggCucgauucc..... 1
Gi3_28766235_x1.....caacagauccggguucgC..... 1
Gi3_28311531_x1.....Aagauccggguucgauucc..... 1
Gi3_28336392_x1.....cccaacCgauccggguucgauucc..... 1
Gi2_11375064_x1.....ccaacagaNccggguucgauucccgcgccggagc..... 1
Gi2_11271302_x1.....Uggguucgauucccgcgcc..... 1
Gi3_28572412_x1.....guucgauuGccggcgccgga..... 1
Gi2_11127044_x1.....ucgauucccgcgccggagcA..... 1
G1a_6047477_x1.....gCuucgauucccgcgccggag..... 1
Gi3_28789606_x1.....gguucgauuccggcUcc..... 1
Gi1_4284495_x1.....ucgauucccgcgccggagU..... 1
Gi3_28767525_x1.....ucgCuucccgcgccggagc..... 1
Gi1_4358312_x1.ucaccCacagauccgggu..... 1
Gi1_4237244_x1.....uucgauucccgcgccAg..... 1
Gi3_28573061_x1.....uccggguucgauucccggcAccgga..... 1
Gi3_28888618_x1.....ucgauucccggcAccggagc..... 1

Gi2_11055804_x1.....aacagauccggguucgauCcccggcgccg..... 1
Gi1_4342867_x1.....cgauucccgcgccggagcU..... 1
Gi4_584974_x1.....Cuucgauucccgcgccgg..... 1
Gi3_28709223_x1.....Acgauucccgcgccggag..... 1
Gi3_28822165_x1.....guuGgauucccgcgccgg..... 1
Gi4_585899_x1.....Aguucgauucccgcgccggagc..... 1
Gi3_28876647_x1.....aAuccggguucgauucccgcgccggag..... 1
Gi1_4257203_x1.....Ugguucgauucccgcgccggag..... 1
Gi4_572180_x1.....gguucgauucccgcgGcggagc..... 1
Gi1_4373113_x1.....cccaacUgauccggguuc..... 1
Gi3_28329919_x1..cUcccaacagauccggguuc..... 1
Gi5_8997540_x1.ucUcccaacagauccggguu..... 1
Gi5_9062050_x1.....gguucgauucUcggcgccggagcgu..... 1
Gi3_28582943_x1.....ggguucgauucccgAgccgga..... 1
Gi5_8956571_x1.....ggguucgauuccUggcgccggagc..... 1
G1a_6322399_x1.....gguucgGuucccgcgccg..... 1
G1a_6169776_x1.....gguucgaCucccgcgccgga..... 1
Gi1_4330992_x1.....guucgaGuucccgcgccg..... 1
Gi3_28493974_x1..cacccaacagGuccggguuc..... 1
Gi5_9122889_x1.....gguGcgauucccgcgccggagc..... 1
Gi4_606205_x1.....guucgauucccgcgAgg..... 1
G1a_6035669_x1.....ggguucgauuccUcggcgccgga..... 1
Gi1_4179955_x1.....gguucgauucccgcgUg..... 1
Gi3_28590145_x1.....guucgauuGccggcgccggag..... 1
Gi5_8992512_x1.....gguucgauuccGggcgccgga..... 1
Gi3_28489770_x1.....uucgauuccAgcgccgga..... 1
Gi3_28587312_x1.....gauucccgcgccggUgc..... 1
Gi3_28971467_x1.....ucgauucccgcgccCga..... 1
Gi5_9077938_x1.....gauucccgcgccggagcCu..... 1
Gi1_4375213_x1.....guucgauucccgcgccggagcg..... 0
Gi2_11072067_x1.....ggguucgauucccgcgccg..... 0
Gi1_4215423_x1.ucacccaacagauccgCgu..... 1
Gi2_11119670_x1.....uCcgaucccgcgccggagc..... 1
Gi3_28276348_x1.....ucgaCuucccgcgccggag..... 1
Gi3_28963298_x1.....cgauucccgcgUcggagc..... 1
Gi3_28280924_x1.....guucgauucccgcgCccggagc..... 1
Gi2_11394025_x1.....uucgauucccgcgccgA..... 1
Gi3_28428452_x1.....ucgaGuucccgcgccggagc..... 1
Gi5_9079622_x1.....cccaacagauccgggCuc..... 1
Gi1_4348091_x1.....gguucgauucccgcgccCga..... 1
Gi3_28954306_x1.....ucgauucUcggcgccggag..... 1
Gi3_28833541_x1.....cgauGcccggcgccggagc..... 1
Gi4_608663_x1.....gguucgauucccgcgccgA..... 1
Gi3_28746704_x1.....aCauccggguucgauucccgcgccgg..... 1
Gi3_28721884_x1..cacccaacagauccAgguuc..... 1
G1a_6296102_x1.....gguAcgauucccgcgccggagc..... 1
Gi3_28419247_x1.ucacccaacagauccggguuU..... 1

Gi3_28438278_x1.....gauucccgggcgcggagcU.....	1
Gi1_4171949_x1.....uucgauucccgAcgcgg.....	1
G1a_6183397_x1.....guucgauucccgcgccggagcU.....	1
Gi5_8848946_x1.....ucgauucUcggcgccggag.....	1
Gi5_8932518_x1.....ggguucgauuUcggcgccggagc.....	1
Gi5_9053971_x1.....acagauccggguucgauucGcggcgc.....	1
Gi4_610398_x1 cucaccaacagauccggguCcg.....	1
Gi5_9051740_x1.....uucgauucccgUgcccg.....	1
Gi5_8875925_x1.....Cucgauucccgcgccggag.....	1
Gi5_9038163_x1.....gguucCauucccgcgccggagc.....	1
Gi3_28361222_x1.....Ugauccggguucgauucccgcgccggag.....	1
Gi3_28781900_x1.....acagauccggguucgauucccgcgccggG.....	1
Gi3_28331776_x1.....ucgauucccgcgGcggag.....	1
Gi1_4169482_x1.....guucgauuccUgcgcgc.....	1
G1a_6055536_x1.....gguucgauucccgAcgcc.....	1
Gi5_9075210_x1.ucaccaacagauccggguC.....	1
Gi2_11309983_x1.....Ugauucccgcgccggagc.....	1
Gi3_28770490_x1.....guucgauucccgcgGggag.....	1
Gi3_28940332_x1.....Ugauccggguucgauucc.....	1
Gi3_28332991_x1.....aucUggguucgauucccgcgccggagc.....	1
G1a_6328472_x1.....uucgauucNcggcgccggagc.....	1
Gi1_4206857_x1.....uucgauucccgGgcgg.....	1
G1a_6201526_x1.....gAuucgauucccgcgccggag.....	1
Gi1_4172732_x1.....Ucagauccggguucgauucc.....	1
Gi5_9107136_x1.....ucAgguucgauucccgcgccg.....	1
G1a_6346247_x1.....gguucgauucccgAcgcgg.....	1
Gi1_4380338_x1.....guucgaGucccgcgccggagc.....	1
Gi1_4202460_x1.....uccAgguucgauucccgcgccgga.....	1
Gi1_4159212_x1.....Ggauccggguucgauucc.....	1
Gi2_11330651_x1.....uccggguucgauucccgcgUcggga.....	1
Gi1_4388966_x1.....ucgauucccgcgUcggagc.....	1
G1a_6100783_x1.....gguucgauucccgAcgcgc.....	1
G1a_6004502_x1.....ggguucgauucccgUgc.....	1
Gi3_28962457_x1...Gccaacagauccggguucgauucc.....	1
Gi1_4380831_x1.....guucCauucccgcgccgga.....	1
Gi5_8892467_x1...cUcaacagauccggguuc.....	1
Gi3_28426008_x1.....ucgauuAccggcgccggagc.....	1
Gi1_4170449_x1.....ucgaCuucccgcgccggagc.....	1
Gi2_11284605_x1.....cagauccggCuucgauucccgcgccggag.....	1
G1a_6115971_x1.....Auucgauucccgcgccgga.....	1
Gi3_28599906_x1.....aucggguNcgauccggcg.....	1
Gi1_4349058_x1.....guucgGuucccgcgccggag.....	1
Gi5_9084857_x1.....uGcggguucgauuccggc.....	1
Gi5_9035518_x1.....ggguucgauucccgcgcc.....	0
Gi1_4241720_x1.....gguucgauucUcggcgccggagc.....	1
Gi2_11379186_x1.....cgauucccgcgccggagcguuuA.....	1
Gi5_9116559_x1.....guucgauuccUgcgcggagc.....	1

Gi1a_6256295_x1.....guucgauucUcggcgccgga.....	1
Gi3_28552136_x1.....ucgauuccggcgccggU.....	1
Gi5_8834311_x1.....guucgauuccggcgccggagU.....	1
Gi1_4237845_x1cucacccaacagauccAgguucgauucc.....	1
Gi1_4280231_x1.....guucgauGcccgcgccg.....	1
Gi5_9027678_x1...accaacagauccggAuucgauucc.....	1
Gi3_28375014_x1.....guucgauuccggcgccggagcg.....	0
Gi5_9025560_x1.....gguucgauuccggcgccggaC.....	1
Gi3_28728018_x1.....ggguucgauucAcggcgccggagc.....	1
Gi2_11180345_x1.....Ugguucgauuccggcgccggagc.....	1
Gi5_9067346_x1.....guucgauuccggcgGcgga.....	1
Gi3_28367049_x1.....caacagauccgAguucga.....	1
Gi1_4326623_x1.....guucgauAcccgcgccg.....	1
Gi2_11136551_x1.....guucgaAuuccggcgccggag.....	1
Gi4_571954_x1.....guAcgauuccggcgccgg.....	1
Gi1a_6020043_x1.....guucgauCcccgcgccggagc.....	1
Gi4_603804_x1cucacccaacagauccgg.....	0
Gi2_11097809_x1.....uucgauucAcggcgccgg.....	1
Gi5_9015306_x1.....guucgauGcccgcgccgg.....	1
Gi1_4266472_x1.....ucgaGuuccggcgccggagc.....	1
Gi1_4259666_x1.....gguucgauuccggcUccgg.....	1
Gi3_28864523_x1.....ucgauuccggAgccgga.....	1
Gi5_8872085_x1.....gguucgauuccggUcgccggag.....	1
Gi5_9130071_x1.....agauccggguCcgauucc.....	1
Gi5_9005679_x1.....gguucgauuccggcgccggagcgAu.....	1
Gi3_28941386_x1cucacccaacagauccgggCucgau.....	1
Gi5_8916686_x1.....uucgauuccggcgccAg.....	1
Gi1_4234736_x1.....gguucgauuccggcgccgCagc.....	1
Gi3_28565667_x1.....auuccggcgccggagcCu.....	1
Gi5_8884803_x1.....guucgauuccggcgccggagcAuuucc.....	1
Gi2_11398309_x1cucacccaacagaCccgg.....	1
Gi3_28519129_x1.....cgauAcccgcgccggagc.....	1
Gi4_577047_x1.....gguucgauNcccgcgcc.....	1
Gi3_28343661_x1.....uucgaCuuccggcgccggag.....	1
Gi2_10999928_x1.....gguucgauuccGggcgccgga.....	1
Gi3_28682260_x1.....gguucgauucGggcgccg.....	1
Gi2_11031964_x1.....gguucgauucccgCcgccgg.....	1
Gi3_28608323_x1.....gGuccggguucgauucccgcgccgga.....	1
Gi2_11146961_x1.....gguucgauuccggcgccggagcgC.....	1
Gi1_4347531_x1.....uucgauuccggcgccggagcU.....	1
Gi5_8935087_x1.....gguAcgauuccggcgccgg.....	1
Gi2_11061560_x1.....gguucgauuccggcgccggagcAu.....	1
Gi3_28269161_x1...ccaacagauccggguucgCuucc.....	1
Gi2_10994031_x1.....gguucgauuccggcgCagg.....	1
Gi5_8902831_x1.....cagauccggguucgauCcccgcgccg.....	1
Gi1_4340501_x1.....gguNcgauuccggcgccg.....	1
Gi5_9011318_x1.....gguucgauuccggcgccgUagc.....	1

Gi3_28774530_x1.....uccgAguucgauucccgcgcccgga.....	1
Gi3_28860126_x1....cccaacagauccggguucgauuGcc.....	1
Gi5_8877369_x1.....guucgauucccgcgccgU.....	1
Gi5_8956102_x1.....cgauucccgcgccggagcA.....	1
Gi2_11193724_x1.....gauuccAggcgccggagc.....	1
Gi3_28322090_x1.....ggguucgauuccGggcgccgga.....	1
Gi2_11018820_x1.....uAcgauucccgcgccggagc.....	1
Gi4_610798_x1.....gguucgauucccgcgccgC.....	1
Gi3_28584641_x1.....ggguucgauucccgcgcc.....	0
Gi5_8840835_x1.....uccggguucgauucUcggc.....	1
Gi5_9056090_x1.....aacagauccgggCucgauucccgcgccggagc.....	1
Gi3_28405878_x1.....cagauccggguucgauucccgcgccg.....	0
Gi5_9049110_x1.ucacccaacagauccAgguu.....	1
Gi3_28349661_x1.ucacccaacagauccggAuuc.....	1
Gi1a_6177820_x1.....uucgauucccgcgccgAagc.....	1
Gi2_11266359_x1.....cgauucccgcgccggagcCu.....	1
Gi1_4282852_x1.....ggAucgauucccgcgccggag.....	1
Gi3_28920230_x1cGcacccaacagauccggguucgauucc.....	1
Gi5_8935297_x1.....guucgauuccCcgccgga.....	1
Gi3_28893665_x1.....cggguucgaCucccgcgccgga.....	1
Gi2_11024313_x1.....gguucgauucccgcgccggagcguuA.....	1
Gi1_4212124_x1.....aacagauccggguucgCuucccgcgccgg.....	1
Gi2_11088551_x1.....cgauucccgcgccggagcU.....	1
Gi3_28755984_x1cucacccaacagauccAgg.....	1
Gi2_11088895_x1.....Nuucgauucccgcgccggagc.....	1
Gi3_28845316_x1....acccaGcagauccggguucgauucc.....	1
Gi3_28281122_x1.....uucgauucccgcgccUgg.....	1
Gi2_11357110_x1.....uucgGuucccgcgccgg.....	1
Gi2_11021314_x1.....ucgauucccAgcgccggagc.....	1
Gi3_28630962_x1.....Nuucgauucccgcgccgg.....	1
Gi1_4306787_x1cucacccaGcagauccggguucga.....	1
Gi1a_6325166_x1.....ggAucgauucccgcgccggag.....	1
Gi3_28606103_x1....Gcaacagauccggguucgauucccgcgccggagc.....	1
Gi5_8867078_x1....cccGacagauccggguuc.....	1
Gi1_4325094_x1.....guAcgauucccgcgccg.....	1
Gi2_11100270_x1.....cagaGccggguucgauucccgcgccggag.....	1
Gi1a_6021407_x1.....gguucgauucccgcgccggagU.....	1
Gi2_11020624_x1.....guucgauuccAggcgccgga.....	1
Gi3_28815093_x1.....ucgauGcccgcgccggag.....	1
Gi1_4361395_x1.....uucgauucccggcUccgg.....	1
Gi1_4241313_x1.....cCgauccggguucgauucccgcgcc.....	1
Gi1_4380293_x1cucacccaacGgauccggguucgauucc.....	1
Gi5_9087436_x1.....auucccgcgccggagcGA.....	1
Gi1_4213027_x1.....gguucgauucccgcgccggaCc.....	1
Gi5_9127316_x1....cccaacagauccggguucgau.....	0
Gi1a_6278848_x1.....gguucgauucccggcCccggagc.....	1
Gi5_8857528_x1.....gguucgGuucccgcgccggagcguu.....	1

Gi3_28478583_x1.....ccGacagauccggguucgauucccgcgcccg..... 1
Gi5_9048280_x1.....guucgGuucccgcgccggag..... 1
Gi3_28900399_x1.....auccggguucgaGucccgcgccgga..... 1
Gi5_8849782_x1.....gguucgauucccgcgccggGgCGuuu..... 1
G1a_6020147_x1.....gguucgauuccAggcgcccggag..... 1
Gi2_11395991_x1.....ucgauucccgUgcccggag..... 1
Gi4_592464_x1.....guucgauucccgcgccgA..... 1
Gi2_11014138_x1.....guucgauucccgUcgcggag..... 1
G1a_6295680_x1.....uucgauucccgcgccggagcCu..... 1
Gi3_2840335_x1.....aUauccggguucgauucccgcgccgg..... 1
G1a_6002738_x1.....gCuucgauucccgcgccgg..... 1
Gi5_9106722_x1.....cgauucccgcgUggagcguuuc..... 1
Gi4_570145_x1.....gGucgauucccgcgccgga..... 1
Gi2_11279226_x1.....cgauuccAgcgcggagcguu..... 1
Gi4_587679_x1.....gauucccgcgccggagcC..... 1
Gi5_9077616_x1.....uucgauucccgcgccggagcguuucc..... 0
Gi1_4261491_x1.....gguucgauuccUggcgcccggag..... 1
Gi1_4353672_x1.....agauAcggguucgauucc..... 1
Gi2_10997619_x1.....ucgauucccgcgccggagcU..... 1
Gi5_9125235_x1.....guuuccgccCuccuucgucu..... 1
Gi1_4240444_x1.....gguucgauucccgcgAcggag..... 1
G1a_5996456_x1.....ggguucgauucccgcgccggagcC..... 1
Gi5_8944125_x1.....ggguucgauucccgcgA..... 1
Gi2_11278841_x1.....gguGcgauucccgcgccggag..... 1
Gi3_28973498_x1.....ucgauuccGggcgcccggagc..... 1
Gi5_8862066_x1.....uGgauucccgcgccgga..... 1
Gi5_8935263_x1.....cccaacagauUcggguuc..... 1
Gi1_4296745_x1.....gguucgauucccgcgccggaC..... 1
Gi3_28968747_x1.....uucgauuccggcAccgga..... 1
Gi4_570127_x1.....guCcgauucccgcgccg..... 1
Gi3_28579118_x1.....ucgauuccAgcgcggagc..... 1
G1a_6159216_x1.....gguucgauuccAgcgcggag..... 1
Gi1_4327807_x1.ucaNccaacagauccgggu..... 1
Gi2_11138380_x1.....ucgauucccgcgGggagc..... 1
G1a_6071562_x1.....Aguucgauucccgcgccg..... 1
G1a_6235090_x1.....gguucgauucccgcgAccgg..... 1
Gi5_8950064_x1.....gguuGgauucccgcgcc..... 1
Gi1_4240262_x1.....uucgauuccGggcgcccgg..... 1
Gi5_9125988_x1.....guCcgauucccgcgcccggag..... 1
Gi3_28392848_x1.....gguucgauucccgcgccggagcUu..... 1
Gi1_4301381_x1.....guucgauucccgcgccggaCc..... 1
Gi1_4359562_x1.....caCcagauccggguucgauucccggc..... 1
Gi2_11129664_x1.....ggguucgauucccgcgAcgga..... 1
G1a_6114946_x1.....guucgauucccgcgccgA..... 1
Gi1_4165188_x1.cucaccaacaAauccgg..... 1
Gi2_11000175_x1.....gguucUauucccgcgcccggag..... 1
Gi5_8973379_x1.....ucgauucccgcgAcggagc..... 1

Gi3_28475828_x1.....cagauccggguucgCuuccc.....	1
Gi5_8848803_x1.....guGcgauucccgcgccggag.....	1
Gi2_11231128_x1.....agaucggguucgauucccgcgccggag.....	0
Gi5_8970092_x1.....uucgauucccgcgccgUgg.....	1
Gi2_11275391_x1.....ucgauucccgcgccggagA.....	1
Gi2_11061990_x1.....ucgauuccNggcgccgga.....	1
Gi5_9135537_x1.ucacccGacagauccggguu.....	1
Gi2_11366978_x1.....ucgauAcccgcgccggagc.....	1
G1a_6320710_x1.....guAcgauucccgcgccgg.....	1
Gi1_4382342_x1.....agauccggguucgauCccc.....	1
Gi5_9062397_x1.....ucgauucccgUgcccggag.....	1
Gi5_8952778_x1.....gguucgauucccgcgccUgag.....	1
Gi2_11319370_x1.....ucgGuucccgcgccggag.....	1
Gi3_28795804_x1cucGcccaacagauccgg.....	1
Gi5_9026658_x1.....aGagauccggguucgauucccgcgcc.....	1
G1a_6176978_x1.....gguucgauCcccgcgccgga.....	1
G1a_6274430_x1.....gguucgCuucccgcgccggagc.....	1
Gi5_9067315_x1.....ccaacagauccgAguuc.....	1
Gi1_4327164_x1.....aucggguucgauucccgcgccggU.....	1
Gi5_9051218_x1.ucacccaacaAauccggguu.....	1
Gi2_11037821_x1.....uucAauucccgcgccggag.....	1
Gi2_11045741_x1.....guucgauucccgcgccgAa.....	1
Gi1_4365740_x1.....ucgUuucccgcgccggagc.....	1
Gi4_612542_x1.....gauucccgcgccggagc.....	0
Gi5_8837373_x1.....Nuucgauucccgcgccg.....	1
Gi3_28872991_x1.....guucgauucccgcgUccgga.....	1
Gi5_9056183_x1..accaacagauccggguucgauCcc.....	1
Gi2_11133986_x1.....cggguucgauucccAgcgccgga.....	1
Gi3_28428151_x1.....guucgauucccgCcgccgga.....	1
Gi5_8977529_x1.....gguucgauUccggcgcc.....	1
Gi3_28524515_x1.....uccggguucUauucccgcgccgga.....	1
Gi1_4162336_x1.....uccggguucgauucccgcgccgg.....	0
Gi2_11246227_x1.....gguNcgauucccgcgccg.....	1
Gi3_28339293_x1.ucacccUacagauccggguuc.....	1
Gi1_4371333_x1.....uucgauuccUggcgccggagc.....	1
Gi4_598390_x1.....gguucgauucccgGgcccgg.....	1
Gi5_9112221_x1.....gguucgauucccgcgccggCgcggu.....	1
Gi2_11066010_x1.....uucgauucccgcgAcggagc.....	1
Gi1_4191855_x1Gucacccaacagauccggguucgauucc.....	1
Gi3_28680340_x1.....Nuucgauucccgcgccg.....	1
Gi5_9129461_x1.....gguucgauucccgCcgcccgg.....	1
Gi5_8843127_x1.....Ucagauccggguucgauucccgcgcc.....	1
Gi3_28652401_x1.....ucgauucccgcgccggagA.....	1
Gi2_10996523_x1.....gguucgauucccCgcccgg.....	1
Gi1_4271575_x1.....gAuucgauucccgcgccggag.....	1
Gi5_8892905_x1.....agauccggguucgaCuucc.....	1
Gi5_9070968_x1.....ucgaCuucccgcgccggagc.....	1

Gi5_8895369_x1.....gauucccgcgAggagc.....	1
Gi3_28467228_x1.....gguucgauucccgCcgccggag.....	1
Gi2_11273501_x1.....gguucgauucccgCcgccggag.....	1
Gi4_574948_x1.....gguucgauCcccgcgccggagc.....	1
Gi1_4389669_x1.....gguucUauucccgcgccgg.....	1
Gi3_28778243_x1....cccaacagaucUggguucgauucc.....	1
Gi3_28336947_x1.....guucgauucccgcgccgAag.....	1
Gi1_4272720_x1.....gCuucgauucccgcgccg.....	1
Gi2_11248818_x1.....aacUgaucggguucgauucccgcgccg.....	1
Gi3_28381888_x1.....ucgauucccUgcgccggagc.....	1
Gi1_4234834_x1.....aucggguucgauucccgcgUgga.....	1
Gi3_28712821_x1.....guucgauucccCcgccg.....	1
Gi2_11189622_x1.....uucgauucccgcgUcgg.....	1
Gi2_11268373_x1.....ucgauucccgcgccggaAc.....	1
Gi2_11180185_x1...Gccaacagauccggguuc.....	1
Gi5_9122369_x1.ucaccaacagauccgCguu.....	1
Gi1_4271800_x1cucaccaacUgaucgg.....	1
Gi4_604592_x1.....gguucgauUccggcgccgg.....	1
Gi3_28676654_x1...cGcaacagauccggguucgauucc.....	1
Gi5_8885001_x1.....Uuucgauucccgcgccggagcguu.....	1
Gi3_28294130_x1.....guucgauucccgcgccgCag.....	1
Gi5_8913613_x1...caccgaGcagauccggguucga.....	1
Gi5_8866384_x1.....ucgauucccgcgccggC.....	1
Gi3_28447617_x1.....uucgauucccgAcgcccga.....	1
Gi3_28686517_x1cucaccaacagauccUg.....	1
Gi1_4214623_x1.....cgauucccgcgccggagcguuuc.....	0
Gi2_11154278_x1.....gguucgauAccggcgccg.....	1
Gi5_8902008_x1.ucacUcaacagauccggguu.....	1
Gi3_28821354_x1.....cggguucgauucccgcgccggagcA.....	1
Gi1_4301285_x1.....gguucgauUccggcgccggagc.....	1
Gi2_11077824_x1.....aUcagauccggguucgauucccgcgccg.....	1
Gi2_11396827_x1.....guucgauucccCcgccggag.....	1
Gi5_8997089_x1.....ccggguucgGuucccgcgccgga.....	1
Gi5_8873427_x1cucaccaacagauccUg.....	1
Gi3_28459116_x1.....uucNauucccgcgccgga.....	1
Gi5_8925876_x1.....gguucgauucccgcgccgGggagc.....	1
Gi3_28446139_x1.....Uggguucgauucccgcgccggagc.....	1
Gi4_579019_x1.....gGucgauucccgcgccggagc.....	1
Gi1a_6250668_x1.....guucgauucccgUgcccg.....	1
Gi3_28881241_x1.....gauucccgcgccggagG.....	1
Gi1_4175616_x1.....gguCcgauucccgcgccgga.....	1
Gi1_4159385_x1.....aGccggguucgauucccgcgccgga.....	1
Gi3_28481643_x1.....Cccggguucgauucccgcgccgga.....	1
Gi5_9045279_x1.....gAuucgauucccgcgccggagcguuu.....	1
Gi3_28538480_x1.....gguucgauucccgcgCc.....	1
Gi3_28644290_x1.....gggGucgauucccgcgccgga.....	1
Gi2_11308489_x1.....cgUuucccgcgccggagcguuuc.....	1

Gi2_11039943_x1.....guucgauucccUgcgccg.....	1
Gi2_11154360_x1.....Ggauucccggcgcggagcguuuc.....	1
Gl1a_5986143_x1.....gCuucgauucccgcgcc.....	1
Gl1a_6321473_x1.....uucgauucccgAgcgggagc.....	1
Gi1_4240077_x1.....cagaucgNguucgauucccgcgcc.....	1
Gi2_11130540_x1.....ucgauucccgAcgccgga.....	1
Gi3_28586589_x1.....uccggguucgauucccggcgcggagc.....	0
Gi5_9103529_x1.....guucgauucGcggcgccgg.....	1
Gi1_4241493_x1.....aucggguCcgauucccgcgccgg.....	1
Gl1a_6104029_x1.....gguucgauucccCgcgcgggagc.....	1
Gi5_9017302_x1.....Ucggguucgauucccgcgccgga.....	1
Gi1_4175261_x1.....gguucgauucccggcgcgAag.....	1
Gi2_11241331_x1.....auucccggcgcggagcC.....	1
Gi5_9101242_x1.....uccggguucgauuccUggc.....	1
Gi3_28319896_x1Gucacccaacagaucggguucgauucc.....	1
Gl1a_6186067_x1.....gguuAgauucccggcgcggagc.....	1
Gi3_28448279_x1.....guucCauucccggcgcggag.....	1
Gi3_28683435_x1.....acagaucggguucgauCcccggcgccggagc.....	1
Gi1_4368857_x1.....ggNucgauucccggcgcgg.....	1
Gi2_11056791_x1.....agaucggAuucgauucc.....	1
Gi4_609748_x1.....gguucgauucccggcgcggagcCu.....	1
Gi2_11294708_x1Ccacccaacagaucgg.....	1
Gi3_28439530_x1.....uccggguucgauCcccgggcggga.....	1
Gi2_11383158_x1.....guucgauucccggcgcgUa.....	1
Gi2_11016792_x1.....cagaucggguucgauucc.....	0
Gi3_28970858_x1.....ucgauucccggcgcUgga.....	1
Gi2_11295088_x1.....gguNcgauucccggcgcggga.....	1
Gi1_4295070_x1.....caacagaucggguucgauuccUggc.....	1
Gi3_28361274_x1.....agaucggguucgauucUc.....	1
Gi2_11365551_x1.....gauuccUggcgccggagc.....	1
Gi5_9011185_x1.....ucgauCcccggcgccggagc.....	1
Gi3_28723782_x1.....Aggguucgauucccggcgcggga.....	1
Gi5_8884316_x1.....cggguucgauucccgUgc.....	1
Gi3_28914915_x1.....cggguucgauucccggcAccgga.....	1
Gi2_11289243_x1.....gguucgauucccgCcgcc.....	1
Gl1a_6154963_x1.....uuUgauucccggcgcggagc.....	1
Gi3_28607845_x1.....cggNucgauucccggcgcggga.....	1
Gi1_4222424_x1.....guucgauuccAggcgcggagc.....	1
Gi2_11082774_x1.....guuGgauucccggcgcggag.....	1
Gi4_567782_x1Gucacccaacagaucggguucg.....	1
Gi5_8942041_x1.....acagGuccggguucgauucccggcg.....	1
Gi5_9097109_x1.....aUagaucggguucgauucccggcg.....	1
Gi3_28883816_x1.....gguucgauucccgNgccggagc.....	1
Gi2_11151932_x1.....uccggguucgauuccUggcgccgga.....	1
Gi2_11321425_x1.....agaucggguucUauucc.....	1
Gi3_28350522_x1.....agaucggguucUauucccggcgcgg.....	1
Gi4_572457_x1.....gguucgCuucccggcgcgg.....	1

Gi3_28353381_x1.....uccggguucgauucccggcUccgga.....	1
Gi3_28917137_x1.....ucgauucGcggcgccggagc.....	1
Gi1_4332510_x1.....gguucgaGucccgcgccgga.....	1
Gi2_11222279_x1.....gauUccggcgccggagc.....	1
Gi2_11107148_x1.....aacagaucggguuAgaucuccggcgccg.....	1
Gi3_28480317_x1.....uucgauucccgAcgccgg.....	1
Gi5_9001980_x1.....guucgauGcccgcgccg.....	1
Gi2_11282668_x1.....uccgggAucgauucccggcgcccga.....	1
Gi4_593486_x1.....Cguucgauucccggcgcccg.....	1
Gi5_8901041_x1.....gguucgauucccggcgcccGag.....	1
Gi3_28425353_x1.....caacagaucgggCucgauuccc.....	1
Gi3_28399980_x1.....guucgauucccCgcgcccggag.....	1
Gi3_28897627_x1.....cagaucUggguucgauuccc.....	1
Gi3_28348367_x1.....gguucgaAucccggcgcc.....	1
Gi2_11013948_x1.....guucgauGcccgcgcccga.....	1
Gi2_11405600_x1.....cggguucgauucccggcgcccG.....	1
Gi5_8873261_x1cucaUccaacagaucgg.....	1
Gi5_9120349_x1.....ucgauAcccgcgcccggagc.....	1
Gi2_11333413_x1.....guucgaAucccggcgcccga.....	1
Gi5_8890193_x1.....guucgauucccggcgcccGg.....	1
Gi1_4217158_x1cucaccaacagaucggguucAa.....	1
Gi3_28943427_x1.....caacagaucUggguucgauuccc.....	1
Gi2_11331612_x1.....uucAauucccggcgcccg.....	1
Gi2_11314643_x1.....uucgauucccggcgcccGg.....	1
Gi3_28806175_x1.....ggguucgGuucccggcgcccga.....	1
Gi2_11038569_x1.....gguucgauucccggcgcccUa.....	1
Gi3_28585848_x1.....Uuccggguucgauucccggcgcccga.....	1
Gi3_28813952_x1.....ucgGuucccggcgcccggag.....	1
Gi3_28489861_x1.....agaucggguuAgaucuccggcgcccggag.....	1
Gi3_28332252_x1.....aCaucggguucgauucccggcgcccggag.....	1
Gi3_28446037_x1.....cccaacagGuccggguucgauuccc.....	1
Gi3_28369938_x1.....gaucUggguucgauuccc.....	1
Gi3_28547069_x1.....gauucccUgcgcccggagc.....	1
Gi3_28435967_x1.....caacagaucgggGucga.....	1
Gi3_28271680_x1.....gguucgauucccgGgcc.....	1
Gi3_28987072_x1.....aaUagaucggguucgauucc.....	1
Gi5_8965334_x1.....gguucgauUccggcgcccggagcguu.....	1
Gi3_28897993_x1.....gaGccggguucgauuccc.....	1
Gi5_9076870_x1.....uucgauucccggcgcccC.....	1
Gi5_8857640_x1.....gguucgUuucccggcgcccggag.....	1
Gi3_28502031_x1.....ucgauucccggcgcccGg.....	1
Gi5_8937867_x1.....guucCauucccggcgcccggag.....	1
Gi3_28584321_x1.....agaucggguucgauucccggcgcccGg.....	1
Gi1_4364029_x1cucaccaacagaucggguucgauuUc.....	1
Gi2_11168535_x1.....uucgauucccggcgcccUga.....	1
Gi1_4278672_x1.....caGcagaucggguucgauucccggc.....	1
Gi1_4324906_x1.....cagaucggguucgCuucccggcgcc.....	1

Gl1_6152621_x1.....Cguucgauucccgcgccgg.....	1
Gi1_4221503_x1.....agauccggguucgauucccgcgccggagc.....	0
Gi2_11261593_x1.....cagaucggguucgauucccgcgccggagc.....	0
Gi3_28328436_x1..cGcccaacagauccggguuc.....	1
Gi3_28449308_x1.....uucgaCucccgggcgcggga.....	1
Gl1_6005304_x1.....uucgauuccUggcgccggagc.....	1
Gi3_28712356_x1.....guucgauuccGggcgccggag.....	1
Gi2_11319089_x1.....gguucgauucccCgcgccggag.....	1
Gi1_4313092_x1.....gguucgauucccAgcgcggag.....	1
Gi3_28890204_x1.....ucAgggguucgauucccgcgccggga.....	1
Gi2_11288815_x1.....gguAcgauucccgcgcc.....	1
Gi3_28572390_x1.....gguucgauAcccgcgccgg.....	1
Gi2_11397560_x1.....guucgauucccgcgGcgga.....	1
Gi1_4201107_x1.....guucgauuccUggcgccggagc.....	1
Gi1_4186633_x1.uGaccaacagauccgggu.....	1
Gi1_4159395_x1.....guuNgauucccgcgccggagc.....	1
Gi3_28501653_x1.....cUacagauccggguucga.....	1
Gi3_28759870_x1.....agauccggguucgauuccU.....	1
Gi1_4225088_x1.....gguucgauucccgAgccg.....	1
Gi3_28362273_x1.cucaGcccaacagauccgg.....	1
Gl1_6355749_x1.....guucgauAcccgcgccggagc.....	1
Gi2_11199524_x1.....Gggguucgauucccgcgccggga.....	1
Gi1_4323896_x1.....auccggAuucgauucccgcgccgg.....	1
Gi2_11133795_x1.....gauucAcggcgccggagc.....	1
Gi3_28662191_x1.....acagauccggguucgauuccgUcgccgg.....	1
Gi5_9103469_x1.....aCauccggguucgauucc.....	1
Gi3_28439206_x1.....cagaucggguucgauuGcc.....	1
Gi5_8933169_x1..caccGacagauccggguucga.....	1
Gl1_6220951_x1.....uAcgauucccgcgccggagc.....	1
Gi1_4364403_x1.ucUcccaacagauccgggu.....	1
Gi4_574850_x1.....guucgGuucccgcgccggga.....	1
Gi1_4336294_x1.....gguuAgauucccgcgccggag.....	1
Gi3_28426142_x1.....uccggguucgCuucccgcgccggga.....	1
Gi2_11358108_x1.....agauccggguucgGuucc.....	1
Gi2_11210225_x1.....ucAauucccgcgccggagc.....	1
Gi3_28868060_x1.....cagaGccggguucgauucc.....	1
Gl1_6201313_x1.....uucgauucccgcgccggCgc.....	1
Gi3_28284791_x1.....gauccgAguucgauucc.....	1
Gi3_28659909_x1.....uucgauucNcgcgccgg.....	1
Gi5_9017239_x1.....guucUauucccgcgccggagcguuucc.....	1
Gi3_28519252_x1.cucacccaNcagauccggguucgau.....	1
Gi3_28529026_x1.....guucgauGcccggcgccggga.....	1
Gi3_28494870_x1.....ggguucgauucccgcgccggGgc.....	1
Gi2_11384950_x1.....agaCccggguucgauucc.....	1
Gi1_4331175_x1.....gguucgauucccgcgccUga.....	1
Gi5_8887625_x1.....caacagauccgggCucgauucccgcgccg.....	1
Gi5_8877325_x1.....guucgUuucccgcgccggagc.....	1

Gi5_9128815_x1.....guucgauucccgAgccggagc.....	1
Gi1_4249212_x1.....gguucgaCucccgcgccggag.....	1
Gi3_28473247_x1.....uUcggguucgauucccgcgccg.....	1
Gi3_28714050_x1.....cagauccggguucgaCucccgcgccgg.....	1
Gi2_11386665_x1.....ucgauucccgGgcccga.....	1
Gi5_8925769_x1.....guucgaAucccgcgccggagcguuu.....	1
Gi1_4376981_x1.....uucgGuucccgcgccggagc.....	1
Gi2_11311669_x1.....gauucccgcgGggagc.....	1
Gi1_4339970_x1.....guucgauucccgcgccAgagc.....	1
Gi1_4158953_x1.....gguucgGuucccgcgccg.....	1
Gi5_8888853_x1.....guucgauucccgcgGcggagc.....	1
Gi5_8940077_x1.....uucgauucccgcgccggagc.....	0
Gi5_9000256_x1.....cgauucccgcgccggagcguu.....	0
Gi2_11325663_x1.....uGcggguucgauucccgcgccggagc.....	1
Gi1_4248954_x1.ucaccUacagauccgggu.....	1
Gi3_28940951_x1.....uccggguucgauuccAgcgccggagc.....	1
Gi2_11368171_x1.....gguucgauAucccgcgccggag.....	1
Gi2_11302589_x1.....cggguucgauuccAgcgccggagc.....	1
Gi3_28643184_x1.....uucgauucccgcgGcggagc.....	1
Gi5_9104398_x1.cUccaacagauccggguucga.....	1
Gi5_9019263_x1.....gguucgauuccUcggcgccggagc.....	1
Gi1_4264589_x1.....ucgauucccgUgcccggagc.....	1
Gi5_9011958_x1.....aacagauccggguucgauucccgcgccgg.....	0
Gi1_4191986_x1.....aCccggguucgauucccgcgccgg.....	1
Gi2_11291518_x1.cucacccaacagauccgC.....	1
Gi3_28714124_x1..caccacagauccgAguuc.....	1
Gi3_28603845_x1.....uccggguucgauucccgccg.....	0
Gi3_28580361_x1.....ucgauucccgcgccggagcA.....	1
Gi4_598994_x1.....gguucgauucccgUgcccgg.....	1
Gi2_11000590_x1.....gauuAccggcgccggagc.....	1
Gi5_9124832_x1.....gguucgauucccgGgcccggagc.....	1
Gi1_4201748_x1.....uucgauucccgcgccggagcA.....	1
Gi1a_6053965_x1.....gguucgGuucccgcgccgg.....	1
Gi5_9133714_x1.....ucgauucccgUgcccggagc.....	1
Gi3_28910686_x1.....Auccggguucgauucccgcgccggag.....	1
Gi4_595660_x1.cucacccaacagauccggguucA.....	1
Gi5_8970024_x1.....acagauccggguucgauucccgAgc.....	1
Gi5_9051916_x1.....guNcgauucccgcgccggagc.....	1
Gi4_569927_x1.....gguucgauucccgcgccggagcA.....	1
Gi3_28792058_x1.....guucgaAucccgcgccg.....	1
Gi2_11237360_x1.....gguucgauGccggcgccggag.....	1
Gi1a_6096632_x1.....Uuucgauucccgcgccggag.....	1
Gi4_589114_x1.....gguucgauucccgcgccggagAc.....	1
Gi5_9053569_x1.....guNcgauucccgcgccg.....	1
Gi3_28630680_x1.....guucgauucccgcgccgUagc.....	1
Gi1_4324529_x1.....gguucAauucccgcgccggagc.....	1
Gi3_28846220_x1.....ggguucgaNuucccgcgccggagc.....	1

Gi3_28529579_x1.....uucgauuAccggcgccggagc..... 1
Gi1_4225951_x1.ucacAcaacagauccgggu..... 1
Gi3_28527212_x1.....gguucCauucccgcgcc..... 1
Gi1_4215116_x1.....gguucgauucccgGgcccga..... 1
Gi3_28509361_x1.....gCucgauucccgcgccggagcg..... 1
Gi5_9110155_x1.....gguucgauucUcggcgccggag..... 1
G1a_6286866_x1.....Cguucgauucccgcgccg..... 1
Gi3_28555333_x1.....ucgauucccgcgccgggaC..... 1
Gi3_28783069_x1.....ucgauucccggcUccggagc..... 1
Gi1_4365183_x1cucacccaacagauccggguucgauU..... 1
Gi3_28795788_x1.....gaAuucccgcgccggagc..... 1
Gi2_11372011_x1.....cgauucccgUgcccggagcguu..... 1
Gi5_8909169_x1.....gauucccgcgccgAagc..... 1
Gi2_11103065_x1....cccaacagauccggguGc..... 1
Gi3_28427369_x1.ucacccaacagGuccggguuc..... 1
Gi3_28376183_x1.....gguucgUuucccgcgccgg..... 1
Gi3_28376579_x1.....guucgauUccggcgccg..... 1
Gi3_28335349_x1.....acagauccNggauucgauucccgcgccgga..... 1
Gi3_28378752_x1.....gauccggguucgauuccA..... 1
Gi3_28684600_x1.....uucgauuUccggcgccgg..... 1
Gi1_4202196_x1.....cgauucccgcgccggag..... 0
Gi2_11226528_x1.....agGuccggguucgauucc..... 1
Gi4_585429_x1.....Aguucgauucccgcgccgg..... 1
Gi3_28311070_x1.....ucgauucccgcgcgUggag..... 1
G1a_6327152_x1.....gguucgauuccUggcgccgga..... 1
Gi2_11022829_x1....cccaCcagauccggguuc..... 1
Gi5_9097006_x1.....gguucgUuucccgcgccgga..... 1
Gi3_28420422_x1.....agauccggguucgauucccgcgccggaA..... 1
Gi5_9129558_x1.....gguucgaGucccgcgccgga..... 1
Gi3_28419933_x1.....agauccggNuucgauucc..... 1
Gi3_28381752_x1.....ucgauucccgAgcccggag..... 1
Gi4_592725_x1.....guucgauucGcggcgccggagc..... 1
G1a_6024901_x1.....gguucgauuAccggcgccggag..... 1
G1a_6126895_x1.....guucgauuNccggcgccgg..... 1
Gi2_11377995_x1.....guucgauuccGggcgccg..... 1
Gi3_28282524_x1.uUacccaacagauccggguuc..... 1
Gi2_11361035_x1.....guucgauuGccggcgccg..... 1
Gi1_4277007_x1.....guucgauucccggcUccgg..... 1
Gi1_4316704_x1.....gguucgauucccgcgccgUag..... 1
Gi5_9001791_x1.....cUauucccgcgccggagcguuucc..... 1
Gi2_11135237_x1.....guucgauuccUggcgccg..... 1
Gi2_11121073_x1.....gguucgauucccgAcgcc..... 1
Gi5_8841715_x1....Accaacagauccggguucgauucc..... 1
Gi5_8921644_x1.....guucgauucccgcgccUggag..... 1
G1a_6212261_x1.....guucgauucccgcgAcg..... 1
Gi2_11051947_x1....cccaacaUauccggguuc..... 1
Gi5_8920249_x1.....gguucgauucccgCccggagc..... 1

Gi1_4311669_x1.....gguucgauuccAggcgccg..... 1
Gi5_9047258_x1.....gguucgauucccgAcgccggagcgu..... 1
Gi1_4264243_x1.....uccggguucgauuccAgcgcgccga..... 1
Gi3_28467549_x1.....gguucgUuuccggcgccg..... 1
Gi3_28782586_x1.....guucgaAuuccggcgccggag..... 1
Gi2_11114347_x1.....cAuucccgcgccggagcguu..... 1
Gi3_28901503_x1.....caacagauccggguCcga..... 1
Gi3_28618792_x1.....gguucgauucAcggcgcc..... 1
Gi5_8940859_x1.....gaGuuccggcgccggagc..... 1
G1a_6044083_x1.....guucAauucccgcgccggag..... 1
Gi3_28269762_x1..caccacaacagauccgggGuc..... 1
Gi3_28872324_x1.....ucUggguucgauuccggcgccgga..... 1
Gi1_4312696_x1.....uucccgcgccggagcgA..... 1
Gi5_8974423_x1..caccacaacagauccgggAucga..... 1
Gi1_4185539_x1.....gauuccggcgccggagU..... 1
Gi3_28846649_x1.....cgauuccggcgccggagcgC..... 1
Gi5_8953659_x1.....guucgauuccUgcgccgga..... 1
Gi5_8834769_x1..aGccaacagauccggguucgauucc..... 1
Gi2_11000963_x1.....guucgauGccggcgccggagc..... 1
Gi3_28495574_x1.....agauGcggguucgauucc..... 1
Gi3_28646600_x1.....uucgauAcccgcgccgga..... 1
Gi1_4175368_x1.....gguucgauucccggcAccggag..... 1
Gi5_9118019_x1.....uccggguucgauucccgA..... 1
Gi4_568672_x1.....gUuucgauucccgcgccgga..... 1
Gi1_4199628_x1.....guucgauuccggcgccCgagc..... 1
Gi3_28368155_x1.....ggNucgauucccgcgccgga..... 1
Gi1_4323736_x1.....cgauuccggcgccggagcguuA..... 1
Gi1_4274502_x1.....caacUgauccggguucgauucccggc..... 1
Gi4_589084_x1.....gguucgauucccggcAccgg..... 1
Gi3_28923520_x1.....cAuucccgcgccggag..... 1
Gi5_8956080_x1.....gguucgauucccggcCccgga..... 1
Gi1_4289002_x1cucacccaacagaucGgg..... 1
Gi5_8964200_x1.....ggNucgauuccggcgccg..... 1
G1a_6158177_x1.....gguucgauucccgcgccAgga..... 1
Gi1_4351216_x1.....gguAcgauucccgcgccggagc..... 1
Gi1_4229021_x1.....ucgauucccgcgccggGgc..... 1
Gi4_595029_x1.....guucgauucccgcgAcgg..... 1
Gi4_586628_x1 cucacccaacagGuccggguucg..... 1
Gi1_4253110_x1.....guucAauuccggcgccggagc..... 1
Gi2_11373735_x1.....Acgauuccggcgccggag..... 1
Gi1_4315660_x1.....cUggguucgauuccggcgccg..... 1
Gi1_4269826_x1..cGccaacagauccggguucgauucc..... 1
Gi3_28297674_x1.....guNcgauuccggcgccg..... 1
Gi1_4214366_x1.....gguucgauuAccggcgccggag..... 1
Gi5_8891075_x1cucacccaaAagauccgg..... 1
Gi3_28874542_x1.....gguucgauucAcggcgccg..... 1
Gi1_4388420_x1.....gguucgaAuuccggcgccg..... 1

Gi3_28716628_x1.....uucgauuucccgccUgagc..... 1
Gi3_28868449_x1.....aucgggCucgauuuccggcgccgga..... 1
Gi2_11031774_x1.....cAauucccgccgagcguuuc..... 1
Gi3_28318453_x1.....gguNcgauuuccggcgccg..... 1
Gi2_11295613_x1.....guuGgauuuccggcgccgagc..... 1
Gi2_11350215_x1.....gguucgauuuccggUgcccggagcguu..... 1
Gi5_9030840_x1.....gauuucccgccgagA..... 1
Gi1_4179217_x1.....agauccggguCcgauucc..... 1
Gi5_8959505_x1.....guucgauuuccggcgGgga..... 1
Gi3_28742968_x1....cccNacagauccggguucgauucc..... 1
Gi5_8988260_x1.ucacccaNagauccggguu..... 1
G1a_6130507_x1.....gguucgauuuccggcAccg..... 1
Gi2_11311502_x1.....uccggguucgCuuccggcgccgga..... 1
Gi3_28605773_x1.....gguGcgauuuccggcgccgag..... 1
Gi2_11024176_x1.....ggguucgauuuccggUgcc..... 1
Gi5_8915546_x1.....gguucgUuuccggcgccgagc..... 1
Gi3_28573501_x1.ucacccaGcagauccggguuc..... 1
Gi1_4261801_x1.....guucgauuuccggAgccggagc..... 1
Gi5_8877020_x1.....uucgauuuccggcgccgagcA..... 1
Gi5_8843088_x1.....Agguucgauuuccggcgccg..... 1
Gi3_28403797_x1.....agauccggguucgauGc..... 1
Gi5_8949105_x1.....gguucgauuuccggcgccgGcgguuu..... 1
Gi5_8884712_x1.....uucgauuAccggcgccg..... 1
Gi3_28335134_x1.....caacagGuccggguucga..... 1
G1a_6024655_x1.....guucgauuuccggcgccgC..... 1
Gi5_9020591_x1.....acagauccgAguucgauuuccggcg..... 1
Gi3_28323193_x1.....Cauccggguucgauucc..... 1
Gi2_11157678_x1.....gguucgauuuccgUcgccgag..... 1
Gi1_4194882_x1.....uGcggguucgauuuccggcgccgga..... 1
Gi3_28438328_x1.....ucgauuuccggcgccgagc..... 1
Gi2_11282194_x1.....uucgauuuccggcgccgag..... 1
Gi5_8863732_x1.....gguucgauuuccggcgccgagcguC..... 1
Gi5_8975422_x1.....guucgaCuccggcgccgagcguu..... 1
Gi1_4308261_x1.....gguucgauuuccAgcgccg..... 1
Gi3_28411947_x1.....cggguucgauuuccggcgccgCa..... 1
G1a_6305575_x1.....guucgauuuccgCcgccg..... 1
Gi5_9012390_x1.....gguucgauuuccggcgUggagcguu..... 1
Gi5_8965890_x1.....Agauuuccggcgccgagcguuuc..... 1
Gi5_9114512_x1.....gguucgauuuccggcgccgagcguu..... 1
Gi4_604906_x1.....guucgauuuccAgcgccg..... 1
Gi5_9003046_x1.....guucgauuuccggcgccUga..... 1
Gi4_609235_x1.....Gcgauuuccggcgccgagc..... 1
Gi4_612632_x1.....gGuucgauuuccggcgccg..... 1
Gi3_28418808_x1.....guucgauuuccGggcgccg..... 1
Gi2_11326604_x1.....Nguucgauuuccggcgccg..... 1
Gi5_8934544_x1.....guucgauCcccggcgccgag..... 1
Gi2_11234487_x1.....ucgauuuccggcgccgUagc..... 1

Gi3_28941279_x1.....gguucgauucccgcgccgUag..... 1
Gi5_8880505_x1.....ucgauucccgUgcccga..... 1
Gi3_28715958_x1.....ggguCcgauucccgcgccggag..... 1
Gi2_11271529_x1.....cagauccggguucgCuucccgcgccggag..... 1
Gi5_8861140_x1.....uccggguucgauucccCgc..... 1
Gi2_11009016_x1.....uGcgauucccgcgccggag..... 1
Gi5_9110145_x1.....gguucgauuccAgcgcccgga..... 1
Gi3_28983925_x1.....agauccggAuucgauucccgcgccggagc..... 1
G1a_6317276_x1.....gguucgauucccgAgccg..... 1
Gi2_11381308_x1.....guucgauucccgcgccU..... 1
Gi3_28670617_x1....cccaacagauccggguuc..... 0
Gi1_4165399_x1.....Nuucgauucccgcgccggagc..... 1
Gi5_8876818_x1....cccaacagaucGggguuc..... 1
Gi5_8872269_x1.....guucgauucccgcgUcgag..... 1
Gi3_28594514_x1.....ggguucgauucccgcgccggG..... 1
Gi3_28557731_x1.....cagauccggguucgaCuccc..... 1
Gi5_9050029_x1.....gauccggguucgauucccgUgcccga..... 1
Gi3_28395763_x1.....caacagaCccggguucga..... 1
Gi1_4247162_x1.....gguucgauucccgAgccggag..... 1
Gi3_28534528_x1.....aUagauccggguucgauu..... 1
G1a_6015802_x1.....gguucgauucccgcgUcg..... 1
Gi1_4313075_x1.....guucgauucccgAcg..... 1
Gi2_11284343_x1.....ucgaAuucccgcgccggagc..... 1
Gi3_28951653_x1.....agauccAgguucgauucc..... 1
Gi3_28912144_x1.....auccggguuAgauucccgcgccgga..... 1
Gi1_4194051_x1.....guGcgauucccgcgccg..... 1
Gi5_8990492_x1.....gguCcgauucccgcgccggagcguu..... 1
Gi1_4242195_x1.....ggguucgauucccgcgccgU..... 1
Gi2_11053413_x1.....ggCucgauucccgcgccgg..... 1
Gi5_8840570_x1.....guucgauucccgcgGcggag..... 1
Gi3_28943001_x1.....auccggguucgauucccgAcggga..... 1
Gi1_4207462_x1.....uucgauucccgcgccggagcCu..... 1
Gi4_594417_x1 cucacccaacagauccggguUg..... 1
Gi5_8852998_x1.....gguucAauucccgcgcc..... 1
Gi5_8899033_x1.....uccggguuNgauuccggc..... 1
G1a_6239732_x1.....gguucgauucccgcgccUgagc..... 1
Gi4_582858_x1.....ggAucgauucccgcgccgg..... 1
Gi5_9045643_x1.....agauccggguucgUuuccc..... 1
Gi5_8908215_x1.....gguucgUuuucccgcgccg..... 1
Gi5_8862734_x1.....guucgauucccgcgccAgag..... 1
Gi1_4369953_x1.....gguucgauuccAgcgccggagc..... 1
Gi3_28434038_x1cucacccaacagauccAg..... 1
G1a_6031264_x1.....guucgauucccgcgAggagc..... 1
Gi1_4193613_x1.....gguucgauucccgcgccgAagc..... 1
Gi3_28876879_x1.....Aguucgauucccgcgccggagc..... 1
Gi5_8872509_x1.....ggguucgCuucccgcgccggagc..... 1
Gi3_28469741_x1.....Nguucgauucccgcgcc..... 1

Gi1_4323888_x1	.....gGucgauucccgcgccggag	1
Gi5_8911690_x1	.....caacagauccggguucgauucccgcgccgg	0
Gi2_11403150_x1	.....cgauucccgggcgccggagcguuC	1
Gi5_8897780_x1	.....gguuAgaaucccgcgcc	1
Gi3_28593613_x1	.....Ncgauucccgggcgccggagc	1
Gi3_28615613_x1	.....Ugauccggguucgauucccgcgccgg	1
Gi1_4176742_x1	.....aacagauccggguucgauucccgUgcccgg	1
Gi5_9013166_x1	.....Cgauccggguucgauuccc	1
Gi1_4248429_x1	.....guucgauuccGggcgccg	1
Gi4_582552_x1	.....gguCcgauucccgcgccgg	1
Gi5_9086160_x1	.....uucgauucccgcgccggagcAu	1
Gi3_28737614_x1	.....ucAauucccgggcgccgga	1
Gi3_28725190_x1	.....guucgauuGccggcgccg	1
Gi2_11218470_x1	.....ggguucgauucccgggcgccggagcgaA	1
Gi5_9128802_x1	.....gguucgauucccgCcgccgga	1
Gi5_9131642_x1	.....gguucgauucccgcgccggaA	1
Gi2_11007588_x1	.....guucgaGucccgggcgccggag	1
Gi1_4172795_x1	.....guucgUuucccgcgccg	1
Gi3_28552848_x1	.....guucgauucccgUccg	1
Gi1_4290332_x1	.....guucgauucccgcgccggaC	1
Gi5_8952807_x1	.....uucgauCcccggcgccgg	1
Gi3_28467988_x1	.....cgauucccgggcgccggagcguu	0
Gi3_28555814_x1	.....uucgauuUcggcgccggagc	1
Gi3_28987564_x1	.....gguucgauGcccggcgcc	1
Gi5_8899476_x1	.....gguucgauucccgcgUcg	1
Gi1_4297345_x1	.....uucgauucccgcgccggGgc	1
Gi3_28838892_x1	.....auccgAguucgauucccgggcgccgga	1
Gi1_4186097_x1	.....agauccggguucgaCuccc	1
Gi1_4264100_x1	.....aacagauccggguucgauuccAgcgccgg	1
Gi3_28743439_x1	.....acagauccggguucgauucccgcgccgAa	1
Gi3_28366159_x1	.....gauccggguucgauucccgggcgccggagcC	1
Gi2_11292939_x1	.....guucgauuUccggcgccggag	1
Gi3_28827616_x1	.....agauccggguAcgauuccc	1
Gi2_11264536_x1	.....gauucccgggcgccgAagc	1
Gi2_11351729_x1	.....uccggguucgauucccgggcgUgga	1
Gi2_11301148_x1	.....uucAauucccgggcgccggagc	1
Gi5_9030671_x1	.....gguucgauucccgGgcc	1
Gi1_4388547_x1	.....Gacagauccggguucgauucccgcgccgg	1
Gi3_28968230_x1	ucacccaacCgauccggguuc	1
Gi1_4202183_x1	.....ucgauuccAgcgccggagc	1
Gi4_598497_x1	.....gguucgauucccgAcgcccgg	1
Gi3_28756476_x1	.....gguucgauucccgCcgcc	1
Gi2_11144303_x1	.....guucCauucccgggcgccggag	1
Gi3_28608683_x1	.....Cgguucgauucccgggcgccg	1
Gi3_28975968_x1	.....auccggguucAauuccggcgccgga	1
Gi1_4338121_x1	.....auccggguucGuucccgcgccgg	1
Gi2_11016230_x1	.....uucgauucccgggcgccAg	1

Gi2_11376939_x1.....ggNucgauucccggcgccgga..... 1
 Gl1a_6302868_x1.....aucggguucgaCucccggc..... 1
 Gi2_11403411_x1cucacccaacUgaucgg..... 1
 Gi5_9007389_x1.....guucgauucccggcgccgUagc..... 1
 Gi1_4171915_x1.....guucgauucUcggcgcg..... 1
 Gi2_11304308_x1.....guucgauuGccggcgccggag..... 1
 Gi5_8979444_x1.....Cucgauucccggcgccg..... 1
 Gi3_28282996_x1.....gguucgauucccggcUccgg..... 1
 Gi5_9077290_x1.....uucgaCucccggcgccggagc..... 1
 Gi1_4341708_x1.....gguucgauucccggcgccggagcgG..... 1
 Gi5_9000220_x1.....guucgaCucccggcgccggagcguuuc..... 1
 Gi5_9035748_x1.....gNuucgauucccggcgccggagc..... 1
 Gl1a_6271337_x1...Gcccaacagauccggguucgauucc..... 1
 Gi1_4280151_x1.....guucgUuucccggcgccgga..... 1
 Gi1_4333951_x1.....gAucgauucccggcgcg..... 1
 Gi3_28323073_x1...cccaacagauccgggCucgauucc..... 1
 Gi2_11075509_x1.....uucgaAucccggcgccggag..... 1
 Gi2_11311014_x1.....uucgauucccggcgccUgag..... 1
 Gl1a_6322424_x1.....ucgauucccggcgccggagcCu..... 1
 Gi3_28369503_x1.....aucggguucgauucccggcUccgga..... 1
 Gi2_11212311_x1.....gguucgauuccGggcgccggag..... 1
 Gi3_28851276_x1...caacagauccggguucAa..... 1
 Gi5_8994404_x1.....Cuucgauucccggcgccggag..... 1
 Gi2_11258334_x1...cccaacagauGcgguuc..... 1
 Gi5_9116846_x1.....guuucccgccuuccuucgCcu..... 1
 Gi3_28665053_x1...agauccggguucgauuAcc..... 1
 Gi5_8916156_x1.....guucgauuNccggcgccggag..... 1
 Gi2_11239010_x1.....guucgauucccCgcgccgga..... 1
 Gi2_11071155_x1cucacccaacagauccCg..... 1
 Gi2_11387804_x1.....gaCucccggcgccggagc..... 1
 Gi4_591759_x1.....guucgauucccggcgccC..... 1
 Gi3_28554081_x1.....ggguucgGuucccggcgccg..... 1
 Gi3_28681081_x1...caacagauccggguucgGuucccggcgccg..... 1
 Gi5_9000909_x1.....guucgauucccggcgccggaUc..... 1
 Gi5_9096651_x1...acccaacagauccggguucgaCuccc..... 1
 Gi2_11297972_x1.....ggNucgauucccggcgccggag..... 1
 Gi3_28578239_x1...caccacagauccAgggguuc..... 1
 Gi4_569785_x1 cCaccacagauccggguucg..... 1
 Gi1_4275504_x1.....gguucgauucccgAcgcc..... 1
 Gi3_28759523_x1.....gAguucgauucccggcgccggagc..... 1
 Gi5_8903697_x1.....gguucgauucccggcUccggagc..... 1
 Gi2_11168067_x1.....gNucgauucccggcgccggagc..... 1
 Gl1a_6262994_x1.....gguAcgauucccggcgccggag..... 1
 Gi2_11086499_x1.....cggguucgaGuucccggcgccgga..... 1
 Gi5_9092387_x1.....gguucgauucccgCcgccg..... 1
 Gi2_11219074_x1...cccaacagGuccggguuc..... 1
 Gi3_28544967_x1.....Guccggguucgauucccggcgccgga..... 1

Gi1_4224178_x1	.....gguucgauucccCgcgccg	1
Gi2_11055791_x1	.....gUucgauucccgccgagcguu	1
Gi1_4328204_x1	.....gguucgauucccCgcgcc	1
G1a_6153473_x1	.....gguucgauucAcggcgccgga	1
Gi2_11271428_x1	.....gguucgaGucccgccg	1
Gi1_4374162_x1	...accaacagaucggguucgauucUcg	1
Gi1_4283066_x1	.....gAuucgauucccgccg	1
Gi3_28845642_x1	.....agaucAgguucgauucc	1
G1a_6138565_x1	.....gguucgauucccgccgagcU	1
Gi2_11390964_x1	.....aacagaucggguucgGuucccgccg	1
Gi2_11274941_x1	.....guucgauucccgccCccgga	1
Gi2_11294474_x1	.....uucgauucccgccAccg	1
Gi2_11394664_x1	.....gguucgauuccGggcgccg	1
Gi2_11204160_x1	.....gguucgauucccCgcgccg	1
Gi5_8968586_x1	.....gguucgauGcccgccg	1
Gi3_28725258_x1	cucacccaNcagaucggguucgauucc	1
Gi3_28383338_x1	.....cgUguucgauucccgccg	1
Gi3_28593556_x1	.....auccAgguucgauucccgccgga	1
G1a_6029100_x1	.....gguucgauucccAgcgccg	1
G1a_6258115_x1	.....Auucgauucccgccg	1
Gi3_28658183_x1	.....cggguucgauucccgccgG	1
Gi3_28671000_x1	.....gguucgauucccgccgagcgG	1
Gi4_572129_x1	.....gguuAgauucccgccgagc	1
Gi1_4234343_x1	.....gguucUauucccgccg	1
Gi5_9087095_x1	.....gguucgCuucccgccgagcg	1
Gi3_28344005_x1	...cccaacagaucUgguucgauucc	1
Gi3_28420742_x1	cucacccaacagaucggC	1
Gi5_8850989_x1	.....gguucgauucccgccgUggag	1
G1a_6104292_x1	.....gguucgauuccUggcgcc	1
G1a_6280602_x1	.....gguucgGuucccgccgag	1
Gi5_9038510_x1	.....gguucgaAuucccgccg	1
Gi1_4367709_x1	.....cGgaucggguucgauucccgcc	1
Gi2_11388017_x1	.....gNucgauucccgccg	1
Gi3_28394896_x1	.....uucgauucccUgcgcca	1
Gi3_28516924_x1	.....gaucggguucgauCccc	1
Gi4_600480_x1	.....guucgUuucccgccg	1
Gi5_9104674_x1	.....guucgauucccgCcgccgga	1
Gi5_8971807_x1	.....cagaucgNguucgauucccgccg	1
Gi1_4236171_x1	.....aAuuccggguucgauucc	1
Gi2_11132369_x1	.....gauucUcggcgccgagc	1
Gi5_9022843_x1	...cccaacagaucAgguuc	1
Gi3_28724358_x1	...caccGacagaucggguuc	1
Gi3_28505496_x1	.....Uaacagaucggguucga	1
Gi1_4217533_x1	.....gguCcgauucccgcc	1
Gi2_11039119_x1	.....aucggguucgauucccgccgagc	0
Gi3_28584662_x1	.....gauuccAgggcgccgagc	1
Gi2_11134767_x1	cucacccaacagGuccg	1

Gi4_575170_x1	.....ggCucgauucccgcgccggagc	1
Gi4_590903_x1	.....gguucgaCucccgcgccgg	1
Gi2_11099575_x1	.....guucgauuccAgggcgccg	1
Gi5_9001238_x1	.....gguNcgauucccgcgccg	1
Gi3_28444929_x1	.....uGcggguucgauucccgcgccg	1
Gi5_8913058_x1	.....ucgauucccgcgccggGg	1
Gi2_11301120_x1	.....cgauucccNgcgcccggagcguuuc	1
Gi5_9045519_x1	.....aacagauccgggGucgauucccgcgccggagc	1
Gi2_11168775_x1	.....cccaacagauccgggCuc	1
Gi3_28921023_x1	.....uucAauucccgcgccgga	1
Gi2_11330095_x1	.....gguGcgauucccgcgccgga	1
Gi3_28441267_x1	.....uucgauucccAgcgccgg	1
Gi2_11252634_x1	.....gguucgauucccgcgccU	1
Gi3_28931829_x1	.....caacagauccUgguucgauucc	1
Gi1_4218397_x1	.....uccggguucgauGcccgcgccgga	1
Gi2_11106519_x1	ucacccaacagauccggguuc	0
Gi5_9080958_x1	.....gCuucgauucccgcgccggagcgu	1
Gi3_28617586_x1	.....uccggguucgauucccgcgccggC	1
Gi5_8968028_x1	.....gguucgauuccGggcgccggagc	1
G1a_6301306_x1	.....gguucgauCcccgcgccggagc	1
Gi5_9082997_x1	.....guucgauucccgcgccggagcg	0
G1a_6044462_x1	.....ucgauucccgcgccggagc	0
Gi3_28471226_x1	.....cggAuucgauucccgcgccgga	1
Gi2_11358279_x1	.....guucgauucccgcgccggagcgC	1
Gi3_28803494_x1	.....gauccggguucgauucAc	1
Gi1_4354265_x1	.....guuucccgccuuccuucgucuu	0
Gi4_583134_x1	.....guucgauuccUggcgccgg	1
Gi5_8981725_x1	.....Gucgauucccgcgccggagc	1
Gi1_4329538_x1	.....guucgauuccAgggcgccg	1
Gi3_28344517_x1	.....caccacaacUgauccggguuc	1
G1a_6026247_x1	.....guucUauucccgcgccgg	1
Gi2_11112269_x1	.....agauccGggguucgauucc	1
Gi1_4211252_x1	.....gUguucgauucccgcgccgga	1
Gi2_11120609_x1	.....ucgauuccAgggcgccggag	1
Gi3_28831761_x1	.....Aauccggguucgauucccgcgccgga	1
Gi3_28955418_x1	.....gauuAccggcgccggagc	1
Gi1_4267734_x1	.....auccgAguucgauucccgcgccgg	1
Gi3_28809496_x1	.....cgauucccAgcgccggagc	1
Gi5_9106455_x1	.....auccggguucgauucccgcgccggagc	0
Gi3_28310326_x1	.....gauccggguCcgauucc	1
Gi2_11303749_x1	.....guucgaAuucccgcgccgg	1
Gi3_28558286_x1	.....guucgauucccgAcgccc	1
Gi3_28692740_x1	cucacccaacaAauccgg	1
Gi1_4319907_x1	.....guuNgauucccgcgccgga	1
Gi1_4347019_x1	.....guucgauuAccggcgccg	1
Gi3_28281105_x1	cucacccaacagauccAgguucgauu	1
Gi2_11077411_x1	cAcacccaacagauccgg	1

Gi1_4193508_x1.....caacagauccggguucgauucUcggc.....	1
Gi5_9073493_x1.....cagauccggguucgauucccgAgccg.....	1
Gi2_11053440_x1.....ucgauucccggcgcUggagc.....	1
Gi3_28955718_x1.caUccaacagauccggguuc.....	1
G1a_6016120_x1.....uucgauucccggcgcgcGgc.....	1
Gi2_11222589_x1.....ucgauucccAgcgcggga.....	1
Gi4_595506_x1.....gguuUgauucccggcgcgg.....	1
Gi1_4338588_x1.....cagauccggguucgauucc.....	0
Gi3_28383516_x1.....gguucgauucccCgcgcgg.....	1
Gi1_4320439_x1.....auccAgguucgauucccggcgcgg.....	1
Gi3_28964329_x1.....ggguGcgauucccggcgcgg.....	1
Gi1_4220275_x1.....guuGgauucccggcgcggagc.....	1
Gi2_11059354_x1.....gguucgaAuuccgggcgc.....	1
Gi3_28283115_x1.....aAauccggguucgauucc.....	1
Gi5_8985201_x1.....gGuccggguucgauucccggcgcggga.....	1
Gi2_11185963_x1.....gguucgauucccggcgcgcggagcAuuuc.....	1
Gi2_11218958_x1.....gauuccggcAccggagc.....	1
Gi2_11328523_x1.....cagauccgNguucgauucc.....	1
Gi5_8957435_x1.....guucgauuccGggcgcgg.....	1
Gi5_9099443_x1.....acagauccggguucAauucccggcgc.....	1
Gi5_8984487_x1.Uaccaacagauccggguucga.....	1
Gi2_11059842_x1.....gguucgauucccggcgcgcCa.....	1
Gi3_28633401_x1.....ggguucgauucccgGgcggga.....	1
Gi2_11134506_x1.....cccaacagauccgggGuc.....	1
G1a_6047473_x1.....guucgauucccggcgcgcCagc.....	1
Gi2_11294532_x1.....uucgauucccgAgcgcggga.....	1
G1a_6170784_x1.....guucgauucccggcgcAg.....	1
Gi1_4205118_x1.....guucgauucccgUcgccggagc.....	1
Gi3_28636057_x1.....gggCucgauucccggcgcgg.....	1
Gi2_11407350_x1.....ucgauucccCgcgcgggagc.....	1
Gi2_11222338_x1.....guNcgauucccggcgcggagc.....	1
Gi5_9119606_x1.ucaccUaacagauccggguu.....	1
Gi3_28827725_x1.....uccggguucgauAcccggcgcggga.....	1
G1a_6160626_x1.....gAuucgauucccggcgcgggagc.....	1
Gi4_581032_x1.....gCuucgauucccggcgcggagc.....	1
Gi3_28784225_x1.....uucgUuucccggcgcgg.....	1
Gi5_8958892_x1.....ucgGuucccggcgcggag.....	1
Gi3_28816522_x1.....uAcgauucccggcgcgg.....	1
Gi5_9050165_x1.....guuAgauucccggcgcgg.....	1
Gi5_9084990_x1.....guucgauucccggcgcggCagc.....	1
Gi1_4376683_x1.....gguucgauUccgggcgg.....	1
Gi1_4308228_x1.....Agguucgauucccggcgcgg.....	1
Gi3_28627834_x1.....uNcgauucccggcgcgggagc.....	1
G1a_6100600_x1.....gguucgauucccAgcgcgg.....	1
G1a_6353152_x1.....gguucAauucccggcgcggagc.....	1
Gi4_604495_x1.....gGuucccggcgcgggagc.....	1
Gi2_11033012_x1.....cgaCuucccggcgcgggagcguu.....	1

Gi3_28596156_x1.....cgaNucccggcgccggagc.....	1
Gi5_8941816_x1.....gguucUauucccgcgccgg.....	1
Gi1_4308627_x1.....guucgauucccgGgccg.....	1
Gi1_4374259_x1cucaccAaacagauccgg.....	1
Gi2_11312496_x1.....ucgauAcccgggcgccggag.....	1
Gi5_8840045_x1.....ucgauucccgcgccgAa.....	1
Gi1_4358284_x1.....gguuAgauucccgcgccg.....	1
Gi1_4335481_x1.....gguNcgauucccgcgccgg.....	1
Gi3_28284425_x1.....acagauccggguucgaCucccgggcgccgg.....	1
Gi3_28402350_x1.....auccggguNcgauucccgcgccggagc.....	1
Gi2_11303602_x1.....gguucgauucccgggcgccggagcguuu.....	0
Gi3_28546806_x1.....cgauucccgAcgccggagc.....	1
Gi1_4217748_x1cucacccaaAagaucgg.....	1
Gi2_11100601_x1.....ucgauucccggcUccggag.....	1
Gi1_4257778_x1.....gguucgauucccgcgcgAg.....	1
Gi1_4201497_x1.....aacaUauccggguucgauucccgcgccgg.....	1
Gi3_28686905_x1.....uucgauucccggcAccgg.....	1
Gi5_8876071_x1.....guucgaGucccgcgccgga.....	1
Gi2_11269785_x1.....guucgauucccgcgGcggag.....	1
Gi5_8904963_x1.....cgauucccgcgccggagcg.....	0
Gi3_28748580_x1.....cgauuccggcgccggagU.....	1
Gi5_8865448_x1.....uccggguucgauuAccggc.....	1
Gi3_28563903_x1.....ggguucgauucccgggcgccggGg.....	1
Gi3_28682632_x1cucacccaacagauccGg.....	1
Gi3_28559884_x1....ccUaacagauccggguucgauucc.....	1
Gi5_9095907_x1.....guNcgauucccgcgccgg.....	1
Gi3_28341037_x1.....guucgauucccgCcgccggagc.....	1
Gi1_4247730_x1.....uucgCuucccgcgccgg.....	1
Gi3_28576477_x1.....ucAauuccggcgccggag.....	1
Gi3_28960986_x1.....ucgauucAcggcgccggag.....	1
Gi3_28782911_x1.....ggguucgGuuccggcgccggag.....	1
Gi1_4218610_x1.....uucgauuccAggcggccgg.....	1
Gi3_28584570_x1.....Cucgauuccggcgccgg.....	1
Gi2_11218230_x1.....gguucgauucccgAgccgg.....	1
Gi1_6151198_x1.....gguucgauuUccggcgccggagc.....	1
Gi3_28604818_x1.....ucgauCcccggcgccggag.....	1
Gi2_11300518_x1.....Gagauccggguucgauuccggcgccggag.....	1
Gi5_8867507_x1.....acagaucGggguucgauucccgcgcc.....	1
Gi1_4377282_x1.ucacccaacagauccggAu.....	1
Gi3_28346100_x1.....auccggguucgauuccggcgC.....	1
Gi5_9066493_x1.....guucgauucccgcgccgUa.....	1
Gi3_28337109_x1.....guucgauGcccggcgccgg.....	1
Gi2_11238491_x1.....guucgauuccggcgccggagC.....	1
Gi5_9119065_x1..acccaacagauccgggCucgauucc.....	1
Gi2_11298164_x1.....uGgauuccggcgccggag.....	1
Gi5_8974533_x1....cccaacagCuccggguuc.....	1
Gi3_28352573_x1.....Ggauuccggcgccggag.....	1

Gi2_11299054_x1.....ucgauuAccggcgcccgagc..... 1
 Gi2_11164530_x1.....guucgauucccUgcgcgga..... 1
 Gi5_8895238_x1.....gguucgauCcccggcgccggagcguuu..... 1
 Gi2_11231686_x1.....gauuccggcgcccgCgc..... 1
 Gi1a_6308753_x1.....guucgauuNccggcgccggagc..... 1
 Gi3_28728177_x1.....agauccgggCucgauucc..... 1
 Gi2_11092858_x1.....guucgauucccgUccgga..... 1
 Gi1_4307504_x1.....Aucgauucccgcgccgg..... 1
 Gi2_11275583_x1.....cagaucggguucgauucccgcgccggCg..... 1
 Gi5_8878709_x1cucaccaacagauccCg..... 1
 Gi2_11182677_x1.....Uggguucgauucccgcgccggagc..... 1
 Gi2_11311702_x1.....guucgauucccgUcgcgga..... 1
 Gi5_9082065_x1.....gguucgauuGccggcgccgg..... 1
 Gi1_4171366_x1.....gguucgauucccgcgCgAgga..... 1
 Gi4_606396_x1.....guucgaGucccggcgccgg..... 1
 Gi1_4364259_x1.....gguucgauucAcggcgccggag..... 1
 Gi1_4228899_x1.....gguucgauuccGggcgccggag..... 1
 Gi4_594121_x1.....gguucgaCucccgcgccggagc..... 1
 Gi1a_6344008_x1.....gguucgauucccgcgcca..... 1
 Gi2_11273164_x1.....uucgauucccgcgccgC..... 1
 Gi3_28647113_x1.....ggguucgauucccgcgUcggga..... 1
 Gi3_28688297_x1.....gguAcgauucccgcgcc..... 1
 Gi5_8946289_x1.uGaccaacagauccggguu..... 1
 Gi5_9082625_x1.....uucgCuucccgcgccgg..... 1
 Gi5_8865141_x1.....guuNgauucccgcgccggagc..... 1
 Gi3_28562024_x1.....uucgauuccAggcgcggagc..... 1
 Gi2_11144917_x1.....cgauuccggcgccggaAcguuu..... 1
 Gi5_8889832_x1.....guucgauuccCgcgcggagc..... 1
 Gi4_575202_x1.....cgauuccggcgccggagcC..... 1
 Gi3_28526016_x1.....cgauuccggcgUcggag..... 1
 Gi1_4368827_x1.....gguucgauucccgcgccCgagc..... 1
 Gi5_8893376_x1.....gguuGgauucccgcgccggag..... 1
 Gi3_28482553_x1.Ccaccaacagauccggguuc..... 1
 Gi2_11278047_x1.....ccCgguucgauucccgcgccggagc..... 1
 Gi3_28459091_x1.....uucgGuuccggcgccgga..... 1
 Gi3_28619795_x1.....cgguucgauuGccggcgccgga..... 1
 Gi1a_6174982_x1.....gguucgauuccCgcgcggag..... 1
 Gi3_28530015_x1.....ccaacagauccggguucgauucccgcgccggagc..... 0
 Gi1_4257465_x1.....gguucgauAcccgcgccggag..... 1
 Gi3_28663955_x1.....caUcagauccggguucgauucccgcgccgg..... 1
 Gi3_28876102_x1.....uccggguucgauucccgUgcgga..... 1
 Gi3_28881903_x1.....Cccggguucgauucccgcgccg..... 1
 Gi5_9126598_x1.....ccaGcagauccggguucgau..... 1
 Gi3_28984545_x1.ucaccaacagauccgAguuc..... 1
 Gi2_11058683_x1.....cagaucggguucgauucccgcgccggagcC..... 1
 Gi5_9120741_x1.....gguNcgauucccgcgcc..... 1
 Gi3_28577470_x1.....agauccggguuAgauccc..... 1

Gi1a_6310241_x1.....Cuucgauucccgcgccg.....	1
Gi5_9124154_x1.....guuAgaucccgcgccgga.....	1
Gi4_573755_x1.....uucgauucccgcgccg.....	0
Gi3_28709885_x1.....guucgauuGccggcgccggagc.....	1
Gi2_11209690_x1.....guucgauuccGggcgccgga.....	1
Gi2_11130143_x1.....cagaucggguucgauucccgcgccAgag.....	1
Gi3_28545311_x1.....aacagaucggguucgauucccgcgccUcgga.....	1
Gi2_11244713_x1.....ucgauucccgcgccAga.....	1
Gi3_28373286_x1.....aucgggGucgauucccgcgccgga.....	1
Gi3_28963190_x1cucacccaacGgaucgg.....	1
Gi5_8994262_x1.....ggguucgauucccgcgccggagcC.....	1
Gi5_9069420_x1.ucacccUacagaucggguu.....	1
Gi1_4355106_x1.....gCuucgauucccgcgccgga.....	1
Gi4_569538_x1.....guucUauucccgcgccgga.....	1
Gi3_28740307_x1.....gauucccgcgccggagcgA.....	1
Gi2_11010459_x1.....ucgaCucccgcgccgga.....	1
Gi5_9119908_x1.....uucgauucccgcgccAgg.....	1
Gi3_28908752_x1cucacccaCcagaucgg.....	1
Gi4_570039_x1.....guucgauucccggcAccggag.....	1
Gi3_28423031_x1.....cagaucggguucgauucccgcgccgC.....	1
Gi5_8961465_x1.....gguuUgauucccgcgccggagcguuu.....	1
Gi5_9107189_x1cAcacccaacagaucgg.....	1
Gi2_11358228_x1.....ucgauuccGggcgccggagc.....	1
Gi3_28905466_x1cucUcccaacagaucgg.....	1
Gi1_4278280_x1cucacccaacagaucggguucgauucA.....	1
Gi1a_6202501_x1.....gguucgauNcccgcgcc.....	1
Gi5_8985112_x1.....ucgauucccgAgccggag.....	1
Gi2_11285736_x1.....cgauucccgcgccggCgcguuu.....	1
Gi3_28313780_x1....cccaacagaucggguucgauucUc.....	1
Gi2_11287437_x1.....gaucggguucgauucccgcgccgga.....	0
Gi1_4266129_x1.....gguucgauucccggcCccggagc.....	1
Gi1a_6079268_x1.....gguucgauuAcccgcgccggagc.....	1
Gi3_28903629_x1.....uccggguucgaCucccgcgccgga.....	1
Gi3_28552888_x1cucacccaacagaucGgg.....	1
Gi2_11046574_x1.....gguucgauGcccgcgcc.....	1
Gi2_11362987_x1.....gguucgauucccCgcgcc.....	1
Gi2_11060389_x1.....uucgauucccgcgccGcgagc.....	1
Gi2_11009191_x1....cccaacagNuccggguuc.....	1
Gi2_11160678_x1.....uccggguucgauucccgcgccggagc.....	0
Gi3_28507336_x1.....ucgauucccgcgccAggga.....	1
Gi5_8948057_x1.....Cgguucgauucccgcgccggagc.....	1
Gi5_8907107_x1.....gguuAgaucccgcgccgg.....	1
Gi5_8907632_x1.ucacccaCcagaucggguu.....	1
Gi1_4218050_x1.....gguucgauucccgcgccgCag.....	1
Gi2_11037431_x1.....agaucggguucgCuucc.....	1
Gi1_4350415_x1.....uucgauucccgcgccAgagc.....	1
Gi1_4295786_x1.....guuAgaucccgcgccgga.....	1

Gi1_4316550_x1	.....gguucgauAcccggcgccggagc	1
Gi3_28688159_x1	.....cAauuccggcgccggag	1
Gi5_9017324_x1	..cacccaaUagauccggguucga	1
Gi1_4317254_x1	.....gguuAgaauccggcgccggagc	1
Gi5_9019155_x1	.....uucgauucccggcgcgA	1
G1a_6108774_x1	.....gguucgauGcccggcgccgga	1
Gi2_11059441_x1	.....gguucgauucAcggcgccgg	1
Gi3_28890051_x1	.....guucgauucccUgcgccggag	1
Gi1_4175714_x1	.....gguucgauucccggcgGcggagc	1
Gi3_28765865_x1	.....gauucccgUcgcggagc	1
Gi2_11000074_x1	.....ucgaGucccggcgccggag	1
Gi2_11111681_x1	.....guucgauuccGggcgccggagc	1
Gi5_8838262_x1	.....gguucgauAcccggcgcgga	1
G1a_6035510_x1	.....guucgaCucccggcgccggag	1
Gi3_28543581_x1	.....caacGgaucggguucga	1
Gi5_9038197_x1	.....gguucUauucccggcgcc	1
Gi2_11215724_x1	.....guuNgauuccggcgccggag	1
Gi1_4202829_x1	.....gguuGgauucccggcgccggagc	1
Gi3_28609483_x1	.....ucgauuccggcgccggUgc	1
Gi5_8857226_x1	.....guucgauucccggcgccggagcgu	0
Gi2_11360205_x1	.....cgauuccggcgUggagcguuu	1
Gi1_4275075_x1	.....cagaucgggCucgauucccggcgcc	1
Gi3_28915508_x1	.....gauuccggcgccAgagc	1
Gi4_594361_x1	Aucaccaacagauccggguucg	1
G1a_6084214_x1	.....gguucgauucccggcgUcggag	1
Gi3_28565650_x1	.....caacagauccggguucgauCccc	1
Gi5_9127215_x1	.....gguucUauuccggcgccg	1
Gi3_28873117_x1	cucGcccaacagauccggguucgauu	1
Gi5_9107706_x1	.....guucgauuccGggcgccgga	1
Gi3_28987095_x1	.....cccaacagauccggguucgaCuccc	1
Gi1_4262903_x1	.....guucgCuuccggcgccggagc	1
Gi1_4228821_x1	cGcacccaacagauccggguucgauucc	1
Gi3_28405141_x1	.....aucggguCcgauuccggcgccggagc	1
Gi1_4191676_x1	.....ucgauucccggcgcgga	0
Gi5_8902325_x1	.....Agguucgauuccggcgccggag	1
Gi3_28492981_x1	.....uccggguucgGuuccggcgccg	1
Gi5_9063088_x1	.....guucgauuccggcCccgga	1
G1a_6087353_x1	.....gguucgauucccCgcgcgga	1
Gi1_4220382_x1	.....guuAgaauccggcgccggagc	1
Gi3_28550482_x1	cucaUccaacagauccgg	1
Gi5_8923941_x1	cucacAcaacagauccgg	1
Gi3_28370921_x1	.....gguuAgaauccggcgccggagc	1
Gi4_586758_x1	.....gguucgauucUcggcgccgg	1
Gi3_28412858_x1	.....cgauuccggcgccggagcU	1
Gi3_28702826_x1	.....cgGuuccggcgccggag	1
Gi2_11122381_x1	.....uucgauucccgUgcggag	1
Gi5_9048020_x1	.....gguucgauucccgUcgcggagc	1

Gi2_11114223_x1.....Ggaucggguucgauucc.....	1
Gi2_11272735_x1.....cgguucgauCccggcgccgga.....	1
Gi3_28628330_x1.....uccggguucgauucccgggcgccggG.....	1
Gi3_28751554_x1.....Acgauuccggcgccggagc.....	1
Gi2_11134309_x1.....cgggGucgauucccgggcgccgga.....	1
Gi1_4166191_x1cucacccaacagauccggguucgG.....	1
Gi2_11164250_x1.....gguucgauucccgggcgccggaU.....	1
Gi5_9018585_x1.....gguucgaAucccggcgcccggag.....	1
Gi2_11228306_x1.....ucAauuccggcgccggag.....	1
Gi2_11227077_x1.....guucgauucccgggcgccGg.....	1
Gi2_11289923_x1.....ucgNuuccggcgccggagc.....	1
Gi3_28538696_x1.....gauccggguucgauAccc.....	1
Gi5_8915832_x1...cccaacagauccggguAc.....	1
Gi5_8833470_x1.....acUgauccggguucgauucccggcg.....	1
Gi5_8891167_x1cucacccaUcagauccgg.....	1
Gi5_8947925_x1.....guucgauucccggcgcccAag.....	1
Gi5_8906643_x1.....gauccggguucgCuuccggcgcccga.....	1
Gi3_28962402_x1.....ucgauucccgggcgcccGg.....	1
Gi1_4367466_x1..accaacaAauccggguucgauucc.....	1
Gi3_28324364_x1.....gguucgauucccgggcgccGg.....	1
Gi4_583265_x1.....guucgauucUcggcgcccga.....	1
Gi3_28767597_x1.....gauuccggcgUcggagc.....	1
Gi4_595786_x1.....guucgCuuccggcgcccg.....	1
Gi5_9068058_x1.....cgauuccCgcgcccggagcguuuc.....	1
Gi2_11372612_x1.....gauccggguucgauucc.....	0
Gi2_11022110_x1.....cgauuccUggcgcccggagcguuuc.....	1
Gi1a_6299274_x1.....gguucgauuccUcgccccggag.....	1
Gi1a_6130492_x1.....guucUauucccggcgcccggagc.....	1
Gi1_4195490_x1.....guucgauucccggcgcccgaAc.....	1
Gi2_11261799_x1.....gguucgauuAccggcgcccggag.....	1
Gi2_11237992_x1.....uucgauuccUggcgcccggagc.....	1
Gi5_9088187_x1.....ccggguucgauucccggcgcccGgU.....	1
Gi3_28973006_x1.....cagauccgggGucgauuccggcgcccgg.....	1
Gi2_11070776_x1.....ucgauucccggcgcccUgag.....	1
Gi1_4323829_x1.....gguucgauGcccggcgcccga.....	1
Gi3_28378571_x1.....ggguucgGuuccggcgcccggagc.....	1
Gi3_28466710_x1.....Nguucgauuccggcgcccg.....	1
Gi2_11324069_x1.....cAgguucgauucccggcgcccgga.....	1
Gi3_28985193_x1.....ggguucgauuccggcgcccggaCc.....	1
Gi3_28678017_x1.....ggguucgauuccggcgcccAgagc.....	1
Gi5_9129758_x1.....gguucgauuccggcgcccGg.....	1
Gi3_28742472_x1.....gauuccGggcgcccggagc.....	1
Gi3_28632715_x1cucacccaacagauccggCu.....	1
Gi2_11386878_x1.....guucgauucGcggcgcccg.....	1
Gi1_4278256_x1.....guucgauuGcccggcgcccggagc.....	1
Gi4_588102_x1.....guucgauuccggcgcccggag.....	0
Gi2_11115133_x1.....gguuAgaucccggcgccc.....	1

Gi1_4274785_x1.....caacagauccgAguucgauucccggc.....	1
Gi2_11355533_x1.....uccggguucgauAcccggcgcgcgga.....	1
Gi1_4352544_x1...ccaacagauccggguuc.....	0
Gi3_28628149_x1.....gUuucgauucccggcgcgcggagcg.....	1
Gi5_8921422_x1...accaacagGuccggguucgauucc.....	1
Gi3_28944552_x1.....Aucgauucccggcgcgcgga.....	1
Gi3_28980890_x1.....agGuccggguucgauuccc.....	1
Gi1_4160066_x1.....gguucgUuucccggcgcgcggag.....	1
Gi5_8982493_x1.....gguucgauucccggcgcGcg.....	1
Gi3_28440888_x1.....cagauccggguucgauucccggcgcGcgg.....	1
Gi2_11291313_x1.....gguucgauucccggcCccgga.....	1
G1a_6239905_x1.....gguucgauuccUggcgcgcggagc.....	1
Gi2_11005910_x1.....caUauccggguucgauucccggcgcgcgga.....	1
Gi5_8947288_x1.....gguucgaAuucccggcgcgcggagc.....	1
Gi2_11054287_x1.....gguucgauucccgUcgccg.....	1
Gi5_9045459_x1.....Agguucgauucccggcgcgcggagc.....	1
Gi5_8857061_x1.....guucgauucccggcgcgcggCg.....	1
Gi5_8907661_x1.....Aguucgauucccggcgcgcggagcguu.....	1
Gi5_8906375_x1cucaccaacagauccgA.....	1
Gi3_28837471_x1.....gauCcccggcgcgcggagc.....	1
Gi5_8893444_x1.....ucgauucccggcgcgcCagc.....	1
Gi3_28787178_x1.....ucgauuAccgggcgcgcggag.....	1
Gi2_11271538_x1.....ucgauucAcgggcgcgcgga.....	1
Gi2_11390696_x1.....agauccggguucAauucc.....	1
Gi1_4354254_x1.....guucgCuucccggcgcgcg.....	1
Gi5_9050629_x1...accCacagauccggguucgauuccc.....	1
Gi2_11110040_x1.....guucgauucccgGgccg.....	1
Gi1_4250698_x1.....cagauccggguucgauucccggcAc.....	1
Gi5_8981188_x1.....guucgauuGccgggcgcgcggagc.....	1
Gi1_4390598_x1.....guucgauGcccggcgcgcgg.....	1
Gi3_28689156_x1.....ucgauucccgAcgcccggag.....	1
Gi3_28424338_x1.....gauccggguucgauucccgGU.....	1
Gi2_11089352_x1.....Cauuccgggcgcgcggagc.....	1
G1a_6183164_x1.....Aguucgauucccggcgcgc.....	1
Gi5_9048238_x1.....gguucgaAuucccggcgcgcgga.....	1
Gi3_28398881_x1.ucaccaacagauccggguCc.....	1
Gi4_592962_x1.....gAuucgauucccggcgcgcggagc.....	1
Gi3_28624239_x1cCaccaacagauccggguucgauucc.....	1
Gi2_11362498_x1.....gguucgauuccUgcgcgcg.....	1
Gi5_9023466_x1.....gguucgauuccAggcgcgcg.....	1
G1a_6272640_x1.....guCcgauucccggcgcgcggagc.....	1
Gi4_575011_x1.....auucccggcgcgcggagcC.....	1
Gi2_11276863_x1cucacccaaUagauccgg.....	1
G1a_6340938_x1.....gguCcgauucccggcgcgcggagc.....	1
G1a_6280899_x1.....gguucgauucccggcgcgcggagcA.....	1
Gi1_4190703_x1.....agauccggguucgauuAcc.....	1
G1a_6098600_x1.....gguucgauucccggcAcc.....	1

Gi2_11365591_x1.....ucgauucccggcgcggGg.....	1
Gi3_28728864_x1.....Agguucgauucccggcgcggga.....	1
Gi3_28582693_x1.....Uggguucgauucccggcgcggag.....	1
Gi5_8886831_x1.....gguucgauuccUggcgccggagcguu.....	1
Gi3_28399065_x1.....uccggguuUgauucccggcgcggga.....	1
Gi2_11271890_x1.....ucgauucccggcgcggAa.....	1
Gi2_11386236_x1.....agaNccggguucgauucc.....	1
Gi3_28974909_x1.....uucgauucccgAgccgggagc.....	1
Gi3_28835913_x1.....uccggguucgauucccggcgcgAga.....	1
Gl1_6216070_x1.....Cguucgauucccggcgcg.....	1
Gi5_8878632_x1cucaccaacaAauccgg.....	1
Gi1_4374816_x1.....Ccgauucccggcgcgggagc.....	1
Gi3_28625718_x1.....ggguucgaCucccggcgcggag.....	1
Gi1_4295209_x1.....gguGcgauucccggcgcgg.....	1
Gi2_11124518_x1.....gguucgauAucccggcgcggga.....	1
Gi3_28607644_x1cucaccaacUgauccgg.....	1
Gi3_28652680_x1.....cgauucccggcgcggCg.....	1
Gi1_4356054_x1cucaccaacagauccggguucgauuccU.....	1
Gi1_4346213_x1.....guucgaAucccggcgcg.....	1
Gi1_4356775_x1.....guuAgaucccggcgcg.....	1
Gi2_11015154_x1..accaacagauccggguucgauucc.....	0
Gi3_28528581_x1.....cAauucccggcgcgggagc.....	1
Gi3_28851294_x1..caccUaacagauccggguuc.....	1
Gi1_4203173_x1Nucaccaacagauccgg.....	1
Gi1_4207197_x1.....gguucgauCcccggcgcggag.....	1
Gi3_28462976_x1.....gguuNgaucccggcgcgggagc.....	1
Gi5_9135834_x1.....guucgauGccgcgcggga.....	1
Gi5_8853453_x1.....guucgauucccgUcgccggag.....	1
Gi1_4186427_x1.....guucAauucccggcgcggag.....	1
Gl1_6336195_x1.....gGucgauucccggcgcggga.....	1
Gi5_8957526_x1.....aacagauccggAuucgauucccggcgcgggagc.....	1
Gi2_11173314_x1.....gNuucgauucccggcgcgggagc.....	1
Gi2_11118619_x1.....cgUuucccggcgcgggagcguu.....	1
Gi1_4321648_x1..caccacagauccggguucgCuucc.....	1
Gi1_4223970_x1.....guucgauucccggcgcGgga.....	1
Gi3_28811273_x1.....gguucCauucccggcgcgggag.....	1
Gi2_11041101_x1.....gguucgauucAcggcgccggga.....	1
Gi5_8965383_x1.....gguucgauuccUcgcc.....	1
Gi1_4349061_x1.....Gcagauccggguucgauucc.....	1
Gi1_4316738_x1.....uucccggcgcgggagcCu.....	1
Gi5_9020413_x1..accaacagauccggguucgauuccUc.....	1
Gi3_28865077_x1.....agauccgggAucgauucc.....	1
Gi1_4343697_x1cucaccaacagauccggU.....	1
Gi3_28439388_x1.....gNuucgauucccggcgcgggagc.....	1
Gi4_596185_x1.....ucgauucccggcgcgggagc.....	1
Gi5_9112113_x1.....ccgggCucgauucccggcgcggga.....	1
Gi1_4280852_x1.....uccggguucgaCucccggcgcggga.....	1

Gi4_612650_x1	.....guucgauucccgcgUcggA.....	1
Gi1_4378852_x1	.....agauccggguucgauucUc.....	1
Gi1_4195659_x1	.....Uuccggguucgauucccgcgccgga.....	1
Gi3_28418507_x1	.....uucgauuGccggcgcccgagc.....	1
Gi2_11150518_x1	.....gguucgauucccgcgGcggag.....	1
Gi5_9082398_x1	.....uucgGuucccgcgccgg.....	1
Gi1_4329162_x1	.....Guccggguucgauucccgcgccgga.....	1
Gi5_8871802_x1	cucacccaacagauccAgg.....	1
Gi3_28829414_x1	cucacccaacagauccgA.....	1
Gi3_28675635_x1	.....caacagauccAgguucga.....	1
Gi3_28419469_x1	.....uccggguucgauucccgAgccgga.....	1
Gi3_28686329_x1	.....agCuccggguucgauucc.....	1
Gi5_8918949_x1	.....ucgGuucccgcgcccgagc.....	1
G1a_6037754_x1	.....gguucgauucccgcgccgAag.....	1
Gi3_28391790_x1	.....Uguucgauucccgcgcccgagcguu.....	1
Gi2_11295437_x1	.....aacagauccggguAcgauucccgcgccg.....	1
Gi4_571218_x1	.....gguucgauucccgcgca.....	1
Gi3_28333127_x1	.....Ucagauccggguucgauucc.....	1
Gi2_11264212_x1	.....gguucgauucccgcgcccgUg.....	1
G1a_6083325_x1	.....gguucgauucccgAgccgg.....	1
G1a_6330116_x1	.....guucgauucccgcgGcggagc.....	1
Gi3_28632935_x1	ucaccUaacagauccggguuc.....	1
Gi3_28310905_x1	.....ucgauucUcggcgccgga.....	1
Gi3_28315274_x1	.....cagaGccggguucgauucccgcgccgg.....	1
G1a_6289377_x1	.....gguucgauucccgcgcccgGg.....	1
Gi2_11034387_x1	.....uccggguucgaCucccgcgccgga.....	1
Gi3_28972842_x1	.....gauuccCgcgcccgagc.....	1
Gi2_11062455_x1	.....guucgauucccgcgcccgagcg.....	0
Gi3_28293012_x1	.....ucgauuccAgggcgccggag.....	1
Gi2_11331587_x1	.....guNcgauucccgcgccgg.....	1
Gi2_11346832_x1	.....agauccggguucgCuucc.....	1
Gi5_8954286_x1	.....gauucccgcgccggaUc.....	1
G1a_6279999_x1	.....guucgauuccAgcgccggagc.....	1
Gi2_11299356_x1	.....agauccgAguucgauucc.....	1
Gi1_4328694_x1	.....cgauucccgcgcccgagc.....	0
Gi2_11043616_x1	.....guucgUuucccgcgccgga.....	1
Gi5_9068649_x1	.....gguucgauucGcggcgccggagc.....	1
Gi3_28912503_x1	.....gauucccgcgccggaAc.....	1
Gi2_11223709_x1	.....ucgauuUccggcgccggag.....	1
Gi2_11161412_x1	cucacccaacagauccAg.....	1
Gi3_28458350_x1	.....guucgauuccggcUccggag.....	1
Gi4_591325_x1	.....guucgauucUcggcgccgg.....	1
Gi1_4197287_x1	.....auucccgcgccggagcU.....	1
Gi2_11340941_x1	.....uucgCuucccgcgccgg.....	1
G1a_6257853_x1	.....gguucgauCcccggcgccggag.....	1
Gi5_9086464_x1	.....Aguucgauucccgcgccggagcgu.....	1
Gi3_28894200_x1	cucacccaGcagauccgg.....	1

Gi2_3883487_x4338	.....gguucgauuccggcgcc	0
Gi5_4133188_x4096	.....gguucgauuccggcgccg	0
Gi3_15101518_x4074	.....uccggcguaguauaacggcuag	0
Gi1_1995350_x4001	.....uccggcguaguauaacggcuag	0
Gi3_15217882_x3936	.....gguucucacccaacagauccg	0
Gi5_4205184_x3893	.....uccggcguaguauaacggcua	0
Gi5_4228222_x3725	.....uccggcguaguauaacgg	0
Gi3_15427175_x3678	.....uccggcguaguauaacggcuagaau	0
Gi5_4301044_x3513	.....uccggcguaguauaacggcuagaau	0
Gi3_15580261_x3458	.....gguucgauuccggcgcc	0
Gi2_4129219_x3450	.....gguucgauuccggcgccg	0
Gi5_4325292_x3416	.....uccggcguaguauaacggc	0
Gi5_4342263_x3360	.....gguucgauuccggcgccgga	0
Gi1_2046517_x3321	.....ugguucucacccaacagauccg	0
Gi1_2049838_x3306	.....guucucacccaacagauccg	0
Gi1_2059731_x3261	.....uucucacccaacagauccg	0
Gi2_4175715_x3240	.....Uguucgauuccggcgccggagc	1
Gi3_15854949_x3080	.....uucucacccaacagauccg	0
Gi2_4263674_x3014	.....uccggcguaguauaacggc	0
Gi2_4266688_x3008	.....guucgauuccggcgccg	0
Gi1_2084611_x2882	.....uucucacccaacagauccg	0
Gi3_16166426_x2766	.....uccggcguaguauaacgA	1
Gi2_4338576_x2763	.....gguucgauuccggcgccgga	0
Gi3_16196749_x2745	.....guucgauuccggcgccg	0
Gi5_4464014_x2733	.....uucucacccaacagauccg	0
Gi5_4466747_x2732	.....guucgauuccggcgccgga	0
Gi1_2098525_x2672	.....Uuucgauuccggcgccgg	1
Gi1_2106457_x2553	.....guucgauuccggcgccggagcC	1
Gi3_16419246_x2520	.....uccggcguaguauaacggcuagaa	0
Gi1_2118934_x2435	.....uccggcguaguauaacggcua	0
Gi5_4584884_x2359	.....gguucgauuccggcgccgg	0
Gi2_4550526_x2301	.....gUuucgauuccggcgccggagc	1
Gi3_16719768_x2271	.....ucgauuccggcgccggagcC	1
Gi1_2160670_x2236	.....guucgauuccggcgccgga	0
Gi1_2162906_x2212	.....gguucucacccaacagauccg	0
Gi2_4595781_x2187	.....uccggcguaguauaacggcua	0
Gi2_4659874_x2088	.....guucgauuccggcgccgga	0
Gi5_4689295_x2063	.....guucgauuccggcgccggagcC	1
Gi2_4678540_x2059	.....guucgauuccggcgccggag	0
Gi1_2196056_x1931	.....uccggcguaguauaacggcuaga	0
Gi5_4746918_x1924	.....gguucgauuccggcgcc	0
Gi3_17173976_x1910	.....guucucacccaacagauccg	0
Gi3_17258833_x1863	.....uucucacccaacagauccg	0
Gi5_4797320_x1809	.....guucgauuccggcgccggagc	0
Gi5_4829364_x1752	.....gguucgauuccggcgccggag	0
Gi1_2219646_x1714	.....guucucacccaacagauccg	0
Gi2_4889877_x1702	.....uccggcguaguauaacgg	0

Gi5_4856838_x1692.....	.cucacccaacagauccgg.....	0
Gi3_17723670_x1584.....	.Uguucgauucccgccgcca.....	1
Gi2_5042785_x1544.....	.gguucucacccaacagauccg.....	0
Gi1_2263260_x1508.....	.guucgauucccgccgcca.....	0
Gi2_5126744_x1455.....	.uccggcguaguauaacggcuag.....	0
Gi5_4974773_x1454.....	.ugguucucacccaacagauccg.....	0
Gi1_2279516_x1437.....	.gGucgauucccgccgcca.....	1
Gi3_18002792_x1423.....	.ucgauucccgccgcca.....	0
Gi2_5159750_x1419.....	.uccggcguaguauaacggcuaga.....	0
Gi2_5190590_x1386.....	.uucucacccaacagauccg.....	0
Gi3_18114895_x1376.....	.Uguucgauucccgccgcca.....	1
Gi1_2308841_x1354.....	.ugguucucacccaacagauccg.....	0
Gi3_18209951_x1340.....	.Gccggcguaguauaacggcuaga.....	1
Gi2_5265076_x1323.....	.ucgauucccgccgcca.....	0
Gi3_18253831_x1317.....	.Uuucgauucccgccgcca.....	1
Gi2_5286105_x1300.....	.guucucacccaacagauccg.....	0
Gi1_2332554_x1264.....	.gguucgauucccgccgcca.....	0
Gi5_5082952_x1247.....	.guucucacccaacagauccg.....	0
Gi1_2340050_x1226.....	.guucgauucccgccgcca.....	0
Gi3_18631876_x1148.....	.Uuucgauucccgccgcca.....	1
Gi5_5178308_x1083.....	.Uuucgauucccgccgcca.....	1
Gi5_5191186_x1059.....	.Uuucgauucccgccgcca.....	1
Gi3_18881639_x1044.....	.gUuucgauucccgccgcca.....	1
Gi2_5612893_x1032.....	.Uuucgauucccgccgcca.....	1
Gi3_18985137_x1003.....	.Uuucgauucccgccgcca.....	1
Gi5_5228053_x994.....	.uccggcguaguauaacggcuaga.....	0
Gi2_5713753_x968.....	.uccggcguaguauaacggcuaga.....	0
Gi3_19108956_x964.....	.gUuucgauucccgccgcca.....	1
Gi3_19131046_x956.....	.ugguucucacccaacagauccg.....	0
Gi1_2424457_x950.....	.uccggcguaguauaacggc.....	0
Gi5_5277356_x931.....	.Uguucgauucccgccgcca.....	1
Gi3_19223083_x923.....	.uucgauucccgccgcca.....	0
Gi3_19277081_x906.....	.gauucccgccgcca.....	0
Gi2_5857907_x868.....	.Uuucgauucccgccgcca.....	1
Gi5_5341340_x840.....	.ucucacccaacagauccg.....	0
Gl1_3705913_x820.....	.uccggcguaguauaacggcuaga.....	0
Gi2_5947887_x817.....	.ugguucucacccaacagauccg.....	0
Gi1_2480982_x805.....	.gguucgauucccgccgcca.....	0
Gi3_19615623_x803.....	.Uguucgauucccgccgcca.....	1
Gl1_3739453_x774.....	.gguucgauucccgccgcca.....	0
Gi3_19734571_x772.....	.guucucacccaacagauccg.....	0
Gi2_6110175_x725.....	.gguucgauucccgccgcca.....	0
Gi5_5431764_x722.....	.Uguucucacccaacagauccg.....	1
Gi5_5453834_x702.....	.uucucacccaacagauccg.....	0
Gi3_20044512_x691.....	.gGucgauucccgccgcca.....	1
Gi3_20062420_x686.....	.guucgauucccgccgcca.....	1
Gi2_6221840_x679.....	.uccggcguaguauaacgA.....	1

Gi5_5504875_x652.....	.gUuucgauucccgccgaggc.....	1
Gi1_2562309_x634.....	.gguucgauucccgccgaggc.....	0
Gi3_20331714_x633.....	.Aguucgauucccgccgaggc.....	1
Gi3_20356944_x628.....	.cgauucccgccgaggc.....	0
Gl1a_3873470_x626.....	.uccggcguaguauaacggcuag.....	0
Gi3_20450237_x607.....	.uucgauucccgccgaggc.....	0
Gi3_20477458_x603.....	.uucgauucccgccgaggcC.....	1
Gi3_20490687_x600.....	.gGucgauucccgccgaggc.....	1
Gi3_20592804_x574.....	.gauucccgccgaggcC.....	1
Gi3_20641249_x565.....	.gguucgauucccgccgaggc.....	1
Gi3_20654213_x562.....	.guucgaCucccgccgaggc.....	1
Gi2_6524433_x562.....	.gGucgauucccgccgaggc.....	1
Gi3_20695535_x555.....	.uGcggcguaguauaacggcuaga.....	1
Gi3_20711587_x552.....	.gguucgauNcccgccgaggc.....	1
Gi3_20742876_x547.....	.gUuucgauucccgccgaggc.....	1
Gi5_5635437_x543.....	.gGucgauucccgccgaggc.....	1
Gi3_20766281_x542.....	.ucgauucccgccgaggc.....	0
Gi1_2621476_x538.....	.uccggcguaguauaacggcuagaau.....	0
Gi3_20813076_x534.....	.Uuucgauucccgccgaggc.....	1
Gi1_2629414_x520.....	.Uguucgauucccgccgaggc.....	1
Gi3_20890919_x518.....	.ucgauucccgccgaggc.....	0
Gi3_20912056_x514.....	.Uguucgauucccgccgaggc.....	1
Gi5_5680282_x510.....	.gUuucucacccaacagauccg.....	1
Gi3_20940158_x508.....	.cucacccaacagauccg.....	0
Gi1_2635580_x506.....	.uccggcguaguauaacggcu.....	0
Gi2_6718036_x497.....	.gauucccgccgaggc.....	0
Gi2_6721016_x496.....	.gGucgauucccgccgaggc.....	1
Gi3_21017851_x495.....	.auucccgccgaggcC.....	1
Gi3_21069318_x486.....	.gguucgauucccgccgaggcCg.....	1
Gi2_6751449_x486.....	.Uguucgauucccgccgaggc.....	1
Gi2_6769824_x481.....	.Uguucgauucccgccgaggc.....	1
Gi2_6779412_x478.....	.ucgauucccgccgaggcC.....	1
Gi1_2664335_x471.....	.cucacccaacagauccg.....	0
Gi3_21175959_x470.....	.ucucacccaacagauccg.....	0
Gi5_5742002_x468.....	.gGucgauucccgccgaggc.....	1
Gi5_5754997_x462.....	.Uuucucacccaacagauccg.....	1
Gi3_21241144_x461.....	.gGucgauucccgccgaggc.....	1
Gi3_21272709_x455.....	.Uguucucacccaacagauccg.....	1
Gi1_2680859_x446.....	.ucucacccaacagauccg.....	0
Gi1_2686601_x437.....	.uucgauucccgccgaggc.....	0
Gi5_5802448_x432.....	.Uguucgauucccgccgaggc.....	1
Gi3_21433943_x429.....	.ggCucgauucccgccgaggc.....	1
Gi5_5815709_x425.....	.uccggcguaguauaacggcu.....	0
Gi3_21502240_x419.....	.uccggcguaguauaacAgcuaga.....	1
Gi2_7002965_x415.....	.Uguucgauucccgccgaggc.....	1
Gi3_21540181_x414.....	.uccggcguaguauaacggcu.....	0
Gl1a_4132002_x412.....	.gguucgauucccgccgaggc.....	0

Gi3_21582156_x408	ucUggcguaguauaacggcuaga	1
Gi3_21603665_x404	uccggcguaguauaacggcuGga	1
Gi1_2728696_x387	uccggcguaguauaacggcuagG	0
Gi3_21757565_x383	uccggcguaguauaacggcuagG	1
Gi3_21767117_x381	Uguucgauucccgcgcc	1
Gi3_21824415_x373	gUuucgauucccgcgccgg	1
Gi5_5902217_x373	Uguucgauucccgcgccgga	1
Gi3_21849616_x369	cgauucccgcgccggagcC	1
Gi3_21850354_x369	gguucgauucccgcgccggagcCu	1
Gi1_2749901_x367	gguucgauucccgcgccggag	0
Gi5_5915080_x362	gauucccgcgccggagc	0
Gi3_21945585_x355	ugguucucacccaacagauc	0
Gi3_21982977_x351	Gccggcguaguauaacggcua	1
Gi1_2772066_x347	Uuucucacccaacagauccg	1
Gi2_7279530_x347	gauucccgcgccggagcC	1
Gi3_22011911_x347	ccggcguaguauaacggc	0
Gi3_22045248_x341	cagauccggguucgauucc	0
Gi1_2780262_x336	gUuucgauucccgcgccgg	1
Gi5_5989302_x333	gguucucacccaacagauccg	0
Gi2_7348465_x332	Aguucgauucccgcgccggagc	1
Gi2_7360380_x330	gUuucgauucccgcgccggag	1
Gi5_6005812_x327	gUuucgauucccgcgccg	1
Gi3_22176246_x324	uccggcguaguauaacggcCaga	1
Gi3_22209728_x320	uccggcguaguauaacggcuaA	1
Gi2_7428877_x314	Uuucgauucccgcgccg	1
Gi3_22313956_x308	gUuucgauucccgcgcc	1
Gi3_22310260_x308	gguucgauucccgcgccggGgc	1
Gi2_7451906_x308	guucgaCucccgcgccggagc	1
Gi1_2813435_x304	uccggcguaguauaacgA	1
Gi3_22350015_x303	uccggguucgauucccgcgccgga	0
Gi3_22355469_x303	gUuucucacccaacagauccg	1
Gi3_22369960_x301	gGucgauucccgcgccggag	1
Gi1a_4343709_x299	gguucgauucccgcgccggagcC	1
Gi3_22406772_x297	gguucgauuccUggcgccggagc	1
Gi3_22426894_x295	Uuucgauucccgcgccg	1
Gi3_22440421_x293	Cguucgauucccgcgccggagc	1
Gi3_22470199_x290	uucgauucccgcgccg	0
Gi1_2833307_x289	Uucacccaacagauccg	1
Gi1_2837629_x286	gguucgauucccgcgccggagcC	1
Gi2_7584647_x283	gUuucgauucccgcgcc	1
Gi3_22550896_x282	Gccggcguaguauaacgg	1
Gi2_7604625_x280	uucgauucccgcgccg	0
Gi2_7623265_x277	Uguucgauucccgcgccgga	1
Gi3_22591439_x277	Gccggcguaguauaacggc	1
Gi2_7633467_x275	gguucgauNcccgcgccggagc	1
Gi3_22625362_x274	uccggcguNguauaacggcuaga	1
Gi3_22667789_x270	guucgauucccgcgccggagcCu	1

Gi1_2865516_x267	.....guucgauucccgcgccggagcCu.....	1
Gi5_6179994_x266	.....Uuucgauucccgcgccgga.....	1
Gi3_22720450_x265	.....gguucgaCucccgcgccggagc.....	1
Gi3_22715945_x265	.....agauccggguucgauucc.....	0
Gi1a_4422156_x265	.....gguucgauucccgcgccgga.....	0
Gi2_7692801_x265	.....gUuucgauucccgcgccg.....	1
Gi1_2868710_x265	.....ucgauucccgcgccggagc.....	0
Gi2_7696235_x264	.....Gccggcguaguauaacggcuaga.....	1
Gi1_2876324_x260	.....guucgaCucccgcgccgg.....	1
Gi5_6222628_x254	.....agauccggguucgauucc.....	0
Gi5_6228460_x253	.....cccaacagauccggguuc.....	0
Gi1_2891471_x253	.....Uguucucacccaacagauccg.....	1
Gi5_6235510_x251	.....ucucacccaacagauccg.....	0
Gi3_22899164_x248	.....guucgaCucccgcgccgga.....	1
Gi5_6245734_x248	.....Uguucgauucccgcgcc.....	1
Gi1_2903961_x247	.....uUguucucacccaacagauccg.....	1
Gi5_6257064_x245	.....ccggcguaguauaacggcuag.....	0
Gi4_339684_x242	.....gguucgauucccgcgccgg.....	0
Gi3_22994850_x240	.....gguucgGuucccgcgccggagc.....	1
Gi1_2928825_x236	.....uucgauucccgcgccggagcC.....	1
Gi3_23052063_x235	.....cacccaacagauccggguuc.....	0
Gi3_23081319_x233	.....uccggcguaguauaacgAcuaga.....	1
Gi5_6308565_x232	.....Uguucgauucccgcgccgg.....	1
Gi5_6317809_x230	.....ucgauucccgcgccggag.....	0
Gi2_7899826_x230	.....uucgauucccgcgccggagcC.....	1
Gi1_2938596_x230	.....Cguucgauucccgcgccgg.....	1
Gi5_6326282_x228	.....ucgauucccgcgccggagc.....	0
Gi5_6331966_x226	.....guucgauucccgcgccggag.....	0
Gi3_23176138_x225	.....uUcggcguaguauaacggcuaga.....	1
Gi2_7938475_x225	.....gguucgauucccgcgccggCgc.....	1
Gi3_23193875_x224	.....gguucgauuccUggcgccggag.....	1
Gi3_23200799_x223	.....guucgaCucccgcgccgg.....	1
Gi5_6359700_x221	.....ccggcguaguauaacggcua.....	0
Gi1a_4538766_x220	.....uucucacccaacagauccg.....	0
Gi1_2963766_x219	.....gCucgauucccgcgccgg.....	1
Gi1a_4546649_x218	.....gguucgauucccgcgccgg.....	0
Gi1a_4549477_x217	.....guucucacccaacagauccg.....	0
Gi2_7994399_x217	.....Uuucgauucccgcgccggag.....	1
Gi1_2970519_x216	.....uccggcguaguauaacggcuagaa.....	0
Gi3_23309690_x215	.....uccggcguaguauaGcggcuaga.....	1
Gi3_23304530_x215	.....ucucacccaacagauccg.....	0
Gi2_8017908_x214	.....uucgauucccgcgccggagc.....	0
Gi1a_4557874_x214	.....gguucgauucccgcgccgg.....	0
Gi5_6398702_x214	.....gUuucgauucccgcgccgga.....	1
Gi5_6408310_x213	.....Gccggcguaguauaacggcuag.....	1
Gi5_6417005_x211	.....ucgauucccgcgccggagcC.....	1
Gi3_23359579_x211	.....ccggcguaguauaacggcuaga.....	0

Gi1_2985636_x210.....	Uuucgauucccgcgccgga.....	1
Gi3_23382327_x210.....	guucgauucccgcgccgA.....	1
Gi3_23458130_x204.....	uccggcguGguauaacggcuaga.....	1
Gi5_6461919_x203.....	Uguucgauucccgcgccggag.....	1
Gi5_6465567_x202.....	ugguucucacccaacagauccgggu.....	0
Gi1_3010075_x201.....	uucgauucccgcgccggagc.....	0
Gi3_23506713_x201.....	caacagauccggguucgauucc.....	0
Gi2_8127732_x200.....	ggCucgauucccgcgccggagc.....	1
Gi3_23516931_x200.....	gguCcgauucccgcgccggagc.....	1
Gi2_8144076_x198.....	Uuucgauucccgcgccgga.....	1
Gi3_23560200_x197.....	gauccggguucgauucc.....	0
Gi3_23573973_x196.....	gCuucgauucccgcgccggagc.....	1
Gi3_23572013_x196.....	uccggcguaguGuaacggcuaga.....	1
Gi5_6501422_x196.....	gguucucacccaacagauc.....	0
Gi3_23604809_x194.....	uGcggcguaguauaacggcua.....	1
Gi5_6522813_x193.....	Gccggcguaguauaacggcuaga.....	1
Gi3_23634928_x192.....	gguucucacccaacagaucc.....	0
Gi5_6534139_x191.....	gGucucacccaacagauccg.....	1
G1a_4632800_x191.....	guucgauucccgcgccggagcC.....	1
Gi3_23641643_x191.....	guucgauucccgGgccggag.....	1
Gi3_23661655_x190.....	Uuucucacccaacagauccg.....	1
Gi2_8225747_x189.....	Uguucucacccaacagauccg.....	1
Gi3_23694905_x188.....	Agguucgauucccgcgccggagc.....	1
Gi3_23697725_x188.....	ggGucgauucccgcgccggagc.....	1
G1a_4644493_x187.....	guucgauucccgcgccggagc.....	0
Gi5_6557180_x187.....	ucacccaacagauccggguu.....	0
Gi3_23707837_x187.....	Cccggcguaguauaacggcuaga.....	1
Gi3_23739640_x185.....	uccggcguaguauaacggA.....	1
Gi2_8259226_x185.....	cccaacagauccggguuc.....	0
Gi3_23749033_x184.....	gAuucgauucccgcgccggagc.....	1
G1a_4658536_x183.....	gguucgauucccgcgcc.....	0
Gi1_3057106_x183.....	gguucucacccaacagauccgg.....	0
Gi4_367620_x179.....	guucgauucccgcgccgg.....	0
Gi1_3070143_x179.....	agauccggguucgauucc.....	0
Gi5_6615364_x179.....	Uuucgauucccgcgccggagc.....	1
Gi5_6612679_x179.....	ggcguaguauaacggcuag.....	0
Gi1_3071396_x179.....	gUuucucacccaacagauccg.....	1
Gi3_23840974_x178.....	uugguucucacccaacagaucc.....	0
Gi5_6632435_x177.....	gguucgauucccgcgccggagcCu.....	1
Gi3_23865777_x176.....	cgauucccgcgccggag.....	0
Gi5_6646480_x175.....	ugguucucacccaacagauccg.....	0
Gi1_3086057_x175.....	Uuucgauucccgcgccg.....	1
Gi1_3085182_x175.....	Uuucucacccaacagauccgg.....	1
Gi3_23894898_x174.....	gguucucacccaacagauccgggu.....	0
Gi1_3095764_x172.....	Ggguucucacccaacagauccgg.....	1
Gi3_23948305_x171.....	guucGaCucccgcgccggag.....	1
Gi2_8390578_x170.....	gUuucgauucccgcgccgga.....	1

Gi3_23962653_x170.....ucUggcguaguauaacggcua.....	1
Gi5_6685354_x169.....gUuucgauucccggcgcgcg.....	1
Gi1_3103256_x169.....ucaccaacagauccgggu.....	0
Gi3_24013811_x167.....uccgUcguaguauaacggcuaaga.....	1
Gi2_8419886_x166.....gGucgauucccggcgcg.....	1
Gi3_24044896_x165.....uccggcguaguauaacggcuaAa.....	1
Gi2_8436782_x165.....gguucgauucccggcgcgGgc.....	1
Gi5_6719756_x164.....gauucccggcgcgagcC.....	1
Gi3_24072831_x163.....gguucgauucccgUgcccggagc.....	1
Gi1a_4721617_x163.....guucgauucccggcgcg.....	0
Gi5_6738710_x162.....guucgaCucccggcgcg.....	1
Gi3_24090728_x162.....cggguucgauucccggcgcgga.....	0
Gi3_24111706_x161.....gGucgauucccggcgcg.....	1
Gi2_8472510_x161.....ucgauucccggcgcgag.....	0
Gi3_24113960_x161.....gguucgauCcccgggcgcgagc.....	1
Gi5_6747445_x161.....uucucaccaacagauccgggu.....	0
Gi5_6756601_x160.....uucgauucccggcgcg.....	0
Gi5_6755161_x160.....Uuucucaccaacagauccgg.....	1
Gi3_24132052_x160.....gguucucaccaacagauccgg.....	0
Gi1_3143858_x159.....gGucucaccaacagauccg.....	1
Gi3_24150185_x159.....ucaccaacagauccggguuc.....	0
Gi3_24143030_x159.....uccggcguaguauaaUggcuaaga.....	1
Gi3_24142553_x159.....gguucgauuccAgcgcgagc.....	1
Gi5_6778507_x158.....uccggguucgauucccggc.....	0
Gi2_8512592_x157.....gguucgaCucccggcgcgagc.....	1
Gi1a_4740628_x157.....ucucaccaacagauccg.....	0
Gi2_8518708_x156.....cgauucccggcgcgagcC.....	1
Gi1_3155014_x156.....guucucaccaacaCauccgg.....	1
Gi1_3162430_x154.....gguucgauucccggcgcgagcCu.....	1
Gi5_6811730_x153.....guucgauucccggcgcggaC.....	1
Gi3_24232226_x153.....uccggcguagCauaacggcuaaga.....	1
Gi1_3167020_x152.....Auucgauucccggcgcg.....	1
Gi3_24258258_x151.....uccggUguaguauaacggc.....	1
Gi3_24263996_x151.....gguucgauucccggcgcgagcA.....	1
Gi3_24257654_x151.....Aguucgauucccggcgcgag.....	1
Gi2_8579332_x150.....agauccggguucgauucc.....	0
Gi3_24312302_x148.....gguucgauucccggcgAcgagc.....	1
Gi2_8603634_x148.....agaaugguugguucucacc.....	0
Gi3_24331334_x147.....aucggguucgauucccggcgcgga.....	0
Gi1_3193841_x145.....guucgauuNccgggcgcg.....	1
Gi2_8651444_x144.....Uuucucaccaacagauccg.....	1
Gi1_3205093_x143.....ccggcguaguauaacggcua.....	0
Gi3_24417877_x142.....guucgauucccggcgcggaC.....	1
Gi3_24415889_x142.....gguucAauucccggcgcgagc.....	1
Gi2_8670143_x142.....Cguucgauucccggcgcgagc.....	1
Gi1_3216716_x141.....Gccggcguaguauaacgg.....	1
Gi2_8681736_x141.....ugguucucaccaacagaucc.....	0

Gi1a_4799734_x141.....	.uccggcguaguauaacgg.....	0
Gi3_24449273_x140.....	.guucucacccaacagauccggg.....	0
Gi5_6930592_x139.....	.....auucccggcgcgggagcC.....	1
Gi2_8698787_x139.....	.uccggcguaguauaacggcuaAaa.....	1
Gi5_6938237_x139.....	.....guucgauucccggcgcgggagcCu.....	1
Gi3_24512108_x136.....	.....ggAucgauucccggcgcgggagc.....	1
Gi2_8736673_x136.....	.....gGucgauucccggcgcggga.....	1
Gi2_8744776_x135.....	.....guuUgauucccggcgcgggag.....	1
Gi3_24559584_x134.....	.....uucucacccaacagauccggguuc.....	0
Gi5_6979068_x134.....	.....gguucgauUccgggcgcgg.....	1
Gi3_24551410_x134.....	.....ggguucgauucccggcgcgggagc.....	0
Gi1_3244829_x134.....	.....Uuucgauucccggcgcgggagc.....	1
Gi5_6975584_x134.....	.....gUuucgauucccggcgcgggag.....	1
Gi1_3250029_x133.....	.....ccggcguaguauaacggcuaga.....	0
Gi3_24613453_x131.....	.....gguuUgauucccggcgcgggagc.....	1
Gi5_7003636_x131.....	.....gGucgauucccggcgcggga.....	1
Gi1_3258716_x131.....	.....cucacccaacagauccGg.....	1
Gi5_7008202_x130.....	.....gUuucgauucccggcgcgc.....	1
Gi1a_4841853_x129.....	.uccggcguaguauaacggc.....	0
Gi3_24642742_x129.....	.uccggcguaguauCacggcuaga.....	1
Gi1_3271991_x127.....	.....guCcgauucccggcgcgg.....	1
Gi5_7036657_x127.....	.....guucgaCucccggcgcgg.....	1
Gi3_24687352_x126.....	.....Aguucgauucccggcgcggga.....	1
Gi3_24694660_x126.....	.....gguucgauucccggcgcgggagA.....	1
Gi5_7068052_x124.....	.....ccggcguaguauaacggcuaga.....	0
Gi3_24739411_x123.....	.....gguucgauNcccggcgcggga.....	1
Gi3_24759981_x122.....	.....uGcggcguaguauaacggc.....	1
Gi3_24749611_x122.....	.....gguucgauucccggcgcUggagc.....	1
Gi2_8905500_x121.....	.....gguCcgauucccggcgcgggagc.....	1
Gi5_7102542_x121.....	.....uugguucucacccaacagauccg.....	0
Gi1_3298259_x121.....	.....ccggcguaguauaacggc.....	0
Gi5_7117155_x119.....	.....Gccggcguaguauaacgg.....	1
Gi3_24812582_x119.....	.....caacagauccggguucga.....	0
Gi1_3311683_x118.....	.....Uguucgauucccggcgcgggagc.....	1
Gi3_24828166_x118.....	.....guucucacccaacagauccgggu.....	0
Gi4_406299_x117.....	.uccggcguaguauaacggcuaga.....	0
Gi2_8951030_x117.....	.....Uguucgauucccggcgcgg.....	1
Gi3_24835557_x117.....	.....gguucgauNcccggcgcgggag.....	1
Gi5_7131131_x117.....	.....Cguucgauucccggcgcgc.....	1
Gi3_24857697_x116.....	.uccggUguaguauaacggcuaga.....	1
Gi3_24876850_x115.....	.uccggcguGguauaacggcua.....	1
Gi1_3326847_x115.....	.....Gucucacccaacagauccg.....	1
Gi5_7166130_x114.....	.....Gccggcguaguauaacggc.....	1
Gi1_3331080_x114.....	.....Gccggcguaguauaacggcuag.....	1
Gi3_24942169_x111.....	.....gguucgauucccggcgcgggaCc.....	1
Gi2_9037156_x110.....	.....ucgauucccggcgcggga.....	0
Gi5_7202873_x110.....	.....uUguucucacccaacagauccg.....	1

Gi3_24965152_x110.....	uGcggcguaguauaacgg.....	1
Gi5_7222001_x108.....	Gccggcguaguauaacggcuagaau.....	1
Gi5_7223837_x108.....	Gucucacccaacagauccg.....	1
Gi3_24998583_x108.....	uccggcguaguauaacggUuaga.....	1
Gi3_24991239_x108.....	Gccggcguaguauaacggcuagaau.....	1
Gi1_3358450_x107.....	Gucucacccaacagauccgg.....	1
Gi3_25019293_x107.....	guucgaCucccggcgccg.....	1
Gi3_25009663_x107.....	Uauucccggcgccggagc.....	1
Gi5_7233480_x107.....	uGcggcguaguauaacggcuaga.....	1
Gi3_25015334_x107.....	ggguucgauucccggcgccggag.....	0
Gi2_9076486_x106.....	aguccggcguaguauaacgg.....	0
Gi4_415438_x105.....	gguucgauucccggcgccggagc.....	0
Gi1a_4940392_x105.....	uucgauucccggcgccggagc.....	0
Gi5_7247474_x105.....	ucucacccaacagauccgggu.....	0
Gi1_3372775_x105.....	gGucgauucccggcgccgga.....	1
Gi2_9109341_x104.....	gGucgauucccggcgccggag.....	1
Gi5_7261905_x104.....	Gccggcguaguauaacggcua.....	1
Gi3_25095319_x103.....	ccggcguaguauaacggcuag.....	0
Gi3_25091096_x103.....	Gccggcguaguauaacggcuag.....	1
Gi2_9115834_x103.....	gguucgGuucccggcgccggagc.....	1
Gi3_25104011_x102.....	gguAcgauucccggcgccggagc.....	1
Gi3_25119990_x101.....	gguucgCuucccggcgccggagc.....	1
Gi5_7296674_x101.....	gguucgauucccggcgccggagcgu.....	0
Gi2_9144974_x100.....	cgauucccggcgccggagcguuA.....	1
Gi3_25149226_x100.....	uccggcguaguauaacggcuagC.....	1
Gi2_9150774_x100.....	uGcggcguaguauaacggcuaga.....	1
Gi3_25155666_x99.....	Gucucacccaacagauccg.....	1
Gi1_3403571_x98.....	gUuucgauucccggcgccggagc.....	1
Gi3_25180281_x98.....	ggcguaguauaacggcuaga.....	0
Gi1_3407858_x97.....	uUguucucacccaacagauccg.....	1
Gi3_25193808_x97.....	uGcucacccaacagauccg.....	1
Gi1_3410380_x97.....	gguucgauucccggcgccggagcU.....	1
Gi2_9186957_x97.....	guucgaCucccggcgccgg.....	1
Gi1_3412405_x96.....	gguucgauucccggcgcc.....	0
Gi1_3412885_x96.....	gguucgauucccggcgccAg.....	1
Gi3_25219584_x95.....	uccggcguaguaCaacggcuaga.....	1
Gi5_7369994_x94.....	gCucgauucccggcgccg.....	1
Gi3_25254537_x94.....	gguucgauucUcggcgccggagc.....	1
Gi3_25246829_x94.....	agauccggguucgauucc.....	0
Gi1_3431858_x93.....	Cuucgauucccggcgccgg.....	1
Gi3_25280139_x92.....	gGucucacccaacagauccg.....	1
Gi3_25304938_x91.....	gguucgauucccggcgUcggagc.....	1
Gi3_25293472_x91.....	Auucgauucccggcgccgga.....	1
Gi1_3443389_x90.....	Agguucgauucccggcgccgg.....	1
Gi3_25328468_x89.....	Uuucacccaacagauccgg.....	1
Gi5_7424212_x89.....	acagauccggguucgauucccggcg.....	0
Gi2_9277568_x89.....	gAuucgauucccggcgccggagc.....	1

Gi1_3455056_x88.....	.....guucgGuucccggcgcgg.....	1
Gi3_25349424_x88.....	.....uccggcguaguauaacggcuagaaA.....	1
Gi5_7436018_x88.....	.....gGucgauucccggcgcgggagc.....	1
Gi1_3460306_x87.....	.....ggcguaguauaacggcuag.....	0
Gi5_7437946_x87.....	.....uGcggcguaguauaacggcuag.....	1
Gi1_3459958_x87.....	.....gGucucacccaacagauccgg.....	1
Gi2_9296624_x87.....	.....ggGucgauucccggcgcgggagc.....	1
Gi3_25380784_x86.....	.....uccggcgCaguauaacggcuaga.....	1
Gi1_3464465_x86.....	.....Uguucgauucccggcgcgg.....	1
Gi2_9316258_x86.....	.....cggcguaguauaacggcua.....	0
Gi3_25413852_x85.....	.....cccaacagauccggguucgauucc.....	0
Gi3_25408497_x85.....	.....uccggcguaguauaacggcuagaaU.....	1
Gi2_9323159_x85.....	.....Gccggcguaguauaacggc.....	1
Gi1a_5035827_x85.....	.....uccggcguaguauaacggcua.....	0
Gi3_25425115_x84.....	.....cagauccggguucgauucccggcgcgg.....	0
Gi3_25418899_x84.....	.....Auucgauucccggcgcgggagc.....	1
Gi3_25424863_x84.....	.....gguucgauucccggcgcAggagc.....	1
Gi3_25423855_x84.....	.....gguucgauucccggcAccggagc.....	1
Gi4_435328_x83.....	.....uugguucucacccaacaga.....	0
Gi2_9348290_x83.....	.....cucacccaacagauccgg.....	0
Gi1a_5050925_x83.....	.....Uguucgauucccggcgcgggagc.....	1
Gi3_25442693_x83.....	.....Gccggcguaguauaacggcuagaa.....	1
Gi5_7492827_x83.....	.....Aguucgauucccggcgcgggagc.....	1
Gi1_3484149_x82.....	.....guucAauucccggcgcgg.....	1
Gi5_7506722_x82.....	.....gguucgauucccggcgcgggagcguu.....	0
Gi1_3491081_x81.....	.....guucgauucccggcgcAg.....	1
Gi3_25469201_x81.....	.....gguucgauucccUgcgcgggagc.....	1
Gi3_25483376_x81.....	.....gguucgauucccggcgcAgagc.....	1
Gi3_25483214_x81.....	.....gguucgauucccggcgcggG.....	1
Gi3_25500696_x80.....	.....ucUggcguaguauaacggc.....	1
Gi2_9378699_x80.....	.....uucgauucccggcgcgggag.....	0
Gi3_25486936_x80.....	.....ggCucgauucccggcgcggga.....	1
Gi2_9385499_x80.....	.....gUuucucacccaacagauccg.....	1
Gi3_25504765_x79.....	.....guucgauucccggcgcggGg.....	1
Gi3_25536986_x78.....	.....uUguucucacccaacagauccg.....	1
Gi1_3506059_x78.....	.....uGcucacccaacagauccg.....	1
Gi1_3501457_x78.....	.....guuUgauucccggcgcgg.....	1
Gi1_3501301_x78.....	.....uccggcguaguauaacggcuagaaU.....	1
Gi1_3510223_x77.....	.....gGucgauucccggcgcgg.....	1
Gi5_7559961_x77.....	.....cgauucccggcgcgggagcguuuc.....	0
Gi4_442433_x77.....	.....guucgauucccggcgcggga.....	0
Gi1_3506604_x77.....	.....guucUauucccggcgcgg.....	1
Gi2_9414179_x77.....	.....Auucgauucccggcgcgg.....	1
Gi2_9417028_x77.....	.....ggAucgauucccggcgcgggagc.....	1
Gi3_25563010_x76.....	.....Cguucucacccaacagauccg.....	1
Gi2_9423957_x76.....	.....uccggcguaguauaacggcu.....	0
Gi1_3511686_x76.....	.....uGcucacccaacagauccgg.....	1

Gi3_25568178_x76	.....gguucgauucccgcgccggagU	1
Gi3_25594935_x75	.....gguucgauuNccggcgccgga	1
Gi2_9443182_x75	.....gguuUgauucccgcgccggagc	1
Gi2_9445432_x75	.....cgggcguaguauaacggcuaga	0
Gi5_7589840_x74	.....guucgaCucccgcgccggagc	1
Gi5_7588434_x74	.....cgggcguaguauaacggcuaga	0
Gi3_25627916_x73	.....uccggcguUguauaacggcuaga	1
Gi3_25620397_x73	.....gguucgauuNccggcgccgg	1
Gi2_9465654_x73	.....uccggcguaguauaacggcuGga	1
Gi5_7599143_x73	.....uccggcguaguauaacggcuagG	1
Gi3_25621492_x73	.....Auucgauucccgcgccgg	1
Gi3_25652418_x72	.....gguucgauuUccggcgccggagc	1
Gi5_7616829_x72	.....uucucacccaacagauccggguuc	0
Gi3_25641906_x72	.....ucUggcguaguauaacgg	1
Gl1a_5103639_x72	.....uccggcguaguauaacggcuagaa	0
Gi5_7618053_x72	.....ggcguaguauaacggcuaga	0
Gi3_25636938_x72	.....ggcguaguauaacggcuag	0
Gi3_25635066_x72	.....ugguucucacccaacagauccgg	0
Gi2_9477623_x72	.....cgauucccgcgccggagcguuuc	0
Gi3_25652994_x72	.....uccggcguNguauaacggcua	1
Gi3_25661387_x71	.....Cguucgauucccgcgccgga	1
Gi1_3536906_x71	.....uccggcguaguauaacggcuagaU	1
Gi2_9490621_x71	.....gCuucgauucccgcgccggagc	1
Gi1_3536125_x71	.....Uguucgauucccgcgccgga	1
Gi1_3538184_x71	.....gGucgauucccgcgccggagc	1
Gi1_3539746_x71	.....gguucgauucccgUgccgg	1
Gi3_25659541_x71	.....ggguucgauucccgcgccgga	0
Gl1a_5110245_x71	.....cgauucccgcgccggagcC	1
Gi4_448843_x70	.....cucacccaacagauccggguucg	0
Gi2_9500831_x70	.....guucucacccaacagauccgg	0
Gi1_3542696_x70	.....ggcguaguauaacggcua	0
Gi3_25690730_x70	.....gguucgGuucccgcgccgga	1
Gi2_9499641_x70	.....uucucacccaacagauccgg	0
Gi2_9498941_x70	.....gguucgauucccgcgAcggagc	1
Gi5_7641508_x70	.....gguucucacccaacagauccggguu	0
Gl1a_5117872_x70	.....gguucgauucccgcgccg	0
Gi3_25682750_x70	.....uccggcguCguauaacggcuaga	1
Gl1a_5115352_x70	.....uccggcguaguauaacggcuagaa	0
Gi5_7642558_x70	.....uccggcguaguauaacggcuGga	1
Gi1_3541786_x70	.....Gccggcguaguauaacggcua	1
Gi5_7651960_x69	.....Aguucucacccaacagauccg	1
Gi2_9507881_x69	.....gguucgauucccgcgccggagA	1
Gi2_9515471_x69	.....ucUggcguaguauaacggcuaga	1
Gi3_25693495_x69	.....gCucgauucccgcgccgg	1
Gi5_7645819_x69	.....uGcggcguaguauaacggcuagaa	1
Gi3_25706398_x69	.....gguucgauucccgcgccggG	1
Gi2_9511814_x69	.....gUuucgauucccgcgccg	1

Gi1_3549294_x69	.Gccggcguaguauaacggcuaga	1
Gi3_25697014_x69	.ggCucgauucccggcgcggag	1
Gi3_25713635_x68	.uccggcguaguauaacggcuUga	1
Gi5_7667663_x68	.Auucgauucccggcgcgcg	1
Gi5_7659095_x68	.gguucgauNcccggcgccggagc	1
Gi2_9519724_x68	.gguucgauucccAgcgccggagc	1
Gi5_7664807_x68	.Ggguucucacccaacagauccg	1
Gi3_25725127_x68	.Aguucgauucccggcgcgcg	1
Gi2_9536503_x67	.gguucgauCcccggcgccggagc	1
Gi5_7668269_x67	.gguucgauucccggcgcgcAg	1
Gi3_25740233_x67	.Accggcguaguauaacggcuaga	1
Gi2_9542198_x67	.ccggcguaguauaacggcu	0
Gi5_7691722_x66	.cagaucggguucgauucccggcgcgcg	0
Gi1_3559898_x66	.guucgauucccAgcgccgg	1
Gi2_9546257_x66	.gguucAauucccggcgcgcggagc	1
Gi1_3561746_x66	.guucgauCcccggcgccgg	1
Gi5_7680238_x66	.ggguucgauucccggcgcgcggagc	0
Gi5_7687168_x66	.ucgauucccggcgcgcgga	0
Gi2_9554639_x66	.Gccggcguaguauaacggcu	1
Gi1_3561548_x66	.Ggguucucacccaacagauccg	1
Gi3_25773912_x65	.uccAgcguaguauaacggcuaga	1
Gi2_9562796_x65	.gGucucacccaacagauccg	1
Gi3_25769037_x65	.gCucgauucccggcgcgcggagc	1
Gi5_7698366_x65	.ccggguucgauucccggcgcgcgga	0
Gi3_25791259_x64	.Cguucgauucccggcgcgcggag	1
Gi5_7709861_x64	.cggcguaguauaacggcuag	0
Gi1_3572008_x64	.caacagauccggguucgauucccggc	0
Gi2_9578297_x64	.cgauucccggcgcgcggagcguuu	0
Gi2_9577273_x64	.Auucgauucccggcgcgcggagc	1
Gi2_9571449_x64	.aguccggcguaguauaacggcuaga	0
Gi2_9571513_x64	.uucucacccaacagauccggguucg	0
Gi1_3573800_x64	.guucgauucccggcgcgcUgg	1
Gi5_7726656_x63	.Auucgauucccggcgcgcgg	1
Gi3_25805856_x63	.gguucgauucccggcgcgcggagcga	1
Gi1_3575068_x63	.gUuucgauucccggcgcgcg	1
Gi2_9582921_x63	.guucgaCucccggcgcgcg	1
Gi5_7721679_x63	.gguucgauucccggcgcgcggagcguuu	0
Gi3_25815684_x63	.ggcguaguauaacggcu	0
Gi3_25813101_x63	.uccggcguaguauaacggcuaga	1
Gi3_25813920_x63	.guucgauucccggcgcgcggCgc	1
Gi3_25833619_x62	.gguucgauucccggcgcgcgAagc	1
Gi3_25833123_x62	.gguucgauucccggcgcgcgUgcc	1
Gi2_9593361_x62	.gguucgauucccggcgcgcggGg	1
Gi3_25836223_x62	.gguucgauucccggcgcgcAc	1
Gi3_25826303_x62	.guucgGuucccggcgcgcggagc	1
Gi3_25822955_x62	.uccggcguGguauaacgg	1
Gi3_25830829_x62	.uccggcguaguauaacggcuCga	1

Gi1a_5165112_x62.....	uucucacccaacagauccgg.....	0
Gi5_7745403_x61.....	ggcguaguauaacggcuagaau.....	0
Gi1_3588651_x61.....	.....cagaucggguucgauuccggcgcc.....	0
Gi5_7741133_x61.....	.....cggcguaguauaacggcuagaau.....	0
Gi1_3588041_x61.....	.....guucgauuccUggcgccgg.....	1
Gi1_3585662_x61.....	.....caccacagauccggguucgauucc.....	0
Gi3_25847533_x61.....	.....gguucgauuccggcgccggGg.....	1
Gi5_7750771_x61.....	.....gGucucacccaacagauccgg.....	1
Gi3_25845764_x61.....	.....uccggcguaguauaacggcCa.....	1
Gi5_7750649_x61.....	.....ggCucucacccaacagauccg.....	1
Gi2_9613011_x61.....	.....uccggcguaguauaacggcuagG.....	1
Gi3_25842104_x61.....	.....uccggcguaguauaGcggcua.....	1
Gi2_9614597_x61.....	.....gguucgauuccUggcgccggagc.....	1
Gi3_25870549_x60.....	.....gguucgauuccAgggcgccggagc.....	1
Gi5_7764076_x60.....	.....uGcucacccaacagauccg.....	1
Gi5_7760416_x60.....	.....ucUggcguaguauaacggcuaga.....	1
Gi3_25867609_x60.....	.....gguucgauNccggcgccg.....	1
Gi2_9637625_x59.....	.....Gccggcguaguauaacgg.....	1
Gi5_7768413_x59.....	.....cgauuccggcgccggagcguuuA.....	1
Gi2_9636740_x59.....	.....guucgauuccggcgccggagcCu.....	1
Gi3_25881254_x59.....	.....uccggcguGguauaacggc.....	1
Gi2_9631725_x59.....	.....uccggcguNguauaacggcuaga.....	1
Gi3_25895650_x59.....	.....cggcguaguauaacggcuaga.....	0
Gi2_9646919_x58.....	.....Aguucgauuccggcgccggag.....	1
Gi3_25900812_x58.....	.....Gucucacccaacagauccgg.....	1
Gi5_7786211_x58.....	.....uccggcguNguauaacggcuag.....	1
Gi3_25908468_x58.....	.....uccgAcguaguauaacggcuaga.....	1
Gi3_25913050_x58.....	.....gCucgauuccggcgccggga.....	1
Gi5_7785515_x58.....	.....gguucgauuccggcgccggCgc.....	1
Gi5_7790155_x58.....	.....ucUggcguaguauaacggcuag.....	1
Gi2_9663188_x57.....	.....guucgauuNccggcgccggagc.....	1
Gi1_3611657_x57.....	.....uGcggcguaguauaacgg.....	1
Gi2_9655550_x57.....	.....uUguucacccaacagauccg.....	1
Gi3_25948550_x56.....	.....guCcgauuccggcgccgg.....	1
Gi2_9670070_x56.....	.....uucgauuccggcgccggga.....	0
Gi2_9670686_x56.....	.....gCucgauuccggcgccggagc.....	1
Gi2_9671918_x56.....	.....Uauuccggcgccggagc.....	1
Gi3_25954822_x56.....	.....gguucgaCuccggcgccggga.....	1
Gi3_25942054_x56.....	.....gguucgauuccggcgccgggaAc.....	1
Gi3_25956726_x56.....	.....Aguucgauuccggcgccgg.....	1
Gi3_25940150_x56.....	.....guucgauuccggcgccggagcA.....	1
Gi5_7823094_x55.....	.....uGcggcguaguauaacgg.....	1
Gi3_25969945_x55.....	.....gguucgauuccggcgccUggag.....	1
Gi5_7824359_x55.....	.....gCucgauuccggcgccgg.....	1
Gi1_3622888_x55.....	.....uGcggcguaguauaacggcuag.....	1
Gi3_25976215_x55.....	.....uccggcguNguauaacgg.....	1
Gi1_3627210_x54.....	.....uccggcguGguauaacggcuag.....	1

Gi2_9702216_x54.....	..gguucgauucccggcAccggagc.....	1
Gi2_9697464_x54.....	..Gucucacccaacagauccg.....	1
Gi3_25983306_x54.....	..cUauucccggcgcggagc.....	1
Gi3_26015306_x53.....	..Cuccggcguaguuaaacggcua.....	1
Gi3_26000095_x53.....	..cggcguaguuaaacggcuagaau.....	0
Gi3_25997127_x53.....	..uccggcguaguGuaaacggcua.....	1
Gi3_26016048_x53.....	..gguucgauucccgAgccggagc.....	1
Gi3_26031092_x52.....	..Gcgauucccggcgcggagc.....	1
Gi1_3633854_x52.....	..guucgauucccggcAccgg.....	1
Gi3_26032808_x52.....	..cgauucccggcgcggagcguuucA.....	1
Gi3_26033432_x52.....	..Cuucgauucccggcgcggga.....	1
Gi3_26030988_x52.....	..Ggguucucacccaacagauccg.....	1
Gi5_7864261_x51.....	..ggCucgauucccggcgcggagc.....	1
Gi5_7872115_x51.....	..guCucacccaacagauccg.....	1
Gi5_7874053_x51.....	..gguucgauucccggcgcggagcA.....	1
Gi1_3640695_x51.....	..guucgauucccggcgcAgg.....	1
Gi3_26052100_x51.....	..gguucgauucccgAcgccggagc.....	1
Gi3_26049448_x51.....	..Cuucgauucccggcgcgg.....	1
Gi1_3642664_x50.....	..guucgauucUcgggcgg.....	1
Gi3_26067836_x50.....	..ugguucucacccaUcagauc.....	1
Gi2_9747145_x50.....	..gguucgauucccggcgcAggagc.....	1
Gi3_26069236_x50.....	..Cguucgauucccggcgcgg.....	1
Gi3_26057686_x50.....	..gguuGgauucccggcgcggagc.....	1
Gi3_26077436_x50.....	..gguucgauucccggcgcggagcU.....	1
Gi3_26058286_x50.....	..gCuucgauucccggcgcggag.....	1
Gi3_26077036_x50.....	..guucgauuNccgggcgcggagc.....	1
Gi3_26076736_x50.....	..uccggcguNguauaacggc.....	1
Gi3_26064286_x50.....	..gguucgauNccgggcgcgg.....	1
Gi3_26057186_x50.....	..Aguucucacccaacagauccg.....	1
Gi3_26079272_x49.....	..guucgGuucccggcgcgg.....	1
Gi2_9757944_x49.....	..guucgauucccggcgcAga.....	1
Gi1_3652936_x49.....	..gguucgauCccgggcgcgg.....	1
Gi3_26081820_x49.....	..gAuucgauucccggcgcggag.....	1
Gi5_7894955_x49.....	..guaguuaaacggcuagaau.....	0
Gi2_9755445_x49.....	..gguucgauucccggcgcggagcCu.....	1
Gi1_3647644_x49.....	..auccggguucgauucccggcgcggga.....	0
Gi5_7897160_x49.....	..Uauucccggcgcggagc.....	1
Gi3_26081134_x49.....	..uccggcguaguauGacggcuaga.....	1
Gi5_7894759_x49.....	..uccggcguaguuaacAgcuaga.....	1
Gi1_3647301_x49.....	..gguucgauNccgggcgcgg.....	1
Gi3_26116112_x48.....	..uccggcguaguuaacAgc.....	1
Gi3_26110784_x48.....	..uccggcguaguCuaaacggcuaga.....	1
Gi3_26101520_x48.....	..uccggcguaguuaUcggcuaga.....	1
Gi3_26103488_x48.....	..uccggcguaguauCacggcua.....	1
Gi2_9772973_x48.....	..gguucgCuucccggcgcggagc.....	1
Gi2_9777389_x48.....	..guCcgauucccggcgcgg.....	1
Gi3_26097632_x48.....	..uccggcguaguuaacAgcua.....	1

Gi2_9775181_x48.....	uccggcguaguauaacAgcuaga.....		1
Gi2_9773741_x48.....		Aguucgauucccggcgcc.....	1
Gi3_26113280_x48.....		gguucgauCcccggcgccgga.....	1
Gi1_3657785_x48.....		Aguucgauucccggcgccgg.....	1
Gi1_3653081_x48.....		guucgauucccggcgccggagcA.....	1
Gi2_9784902_x47.....		guucgauucccggcgccggCgc.....	1
Gi1_3662555_x47.....		guucgauucccggcgcUcgg.....	1
Gi3_26130456_x47.....		gguucgGuucccggcgccggag.....	1
Gi2_9784714_x47.....		gguucgauucccggcgccggagU.....	1
Gi5_7923906_x47.....		gguucgauucccCgcgccggag.....	1
Gi2_9786124_x47.....	Gccggcguaguauaacggcuag.....		1
Gi3_26125662_x47.....		gGucucacccaacagauccgg.....	1
Gi2_9805034_x46.....		gguucgauucccgUgcgccgagc.....	1
Gi5_7940367_x46.....		guucgGuucccggcgccg.....	1
Gi3_26145785_x46.....	uccggcguaguauaGcggc.....		1
Gi2_9796478_x46.....		guucgauucccggcgccggGgc.....	1
Gi5_7931489_x46.....	uGcggcguaguauaacggc.....		1
Gi1a_5280140_x46.....		gGuucgauucccggcgccggagc.....	1
Gi3_26153651_x46.....		gguucgauuUccgggcgccggag.....	1
Gi5_7937975_x46.....		Cuucgauucccggcgccgg.....	1
Gi3_26142795_x46.....	uGcggcguaguauaacggcuag.....		1
Gi3_26153973_x46.....		ggguucgauucccggcgccg.....	0
Gi5_7938021_x46.....		guucgauuNccgggcgccg.....	1
Gi3_26152501_x46.....		gguucgauCcccggcgccggag.....	1
Gi3_26161378_x45.....	uccggcguaguauCacgg.....		1
Gi2_9814704_x45.....		gguucgauucccggcgcUggagc.....	1
Gi5_7946502_x45.....		guCcgauucccggcgccgg.....	1
Gi2_9812634_x45.....	uccggcguaguauaacggcuagC.....		1
Gi2_9809439_x45.....		Gcgauucccggcgccggagc.....	1
Gi3_26169523_x45.....	uccggcguaguauaacggcuG.....		1
Gi2_9809574_x45.....		gguucgauucccgAcgccggagc.....	1
Gi3_26181005_x44.....	uccggcguaguauaacggcuagU.....		1
Gi1_3679485_x44.....		guGcgauucccggcgccgg.....	1
Gi3_26186901_x44.....		gguucgauucccAgcgcgccga.....	1
Gi5_7956443_x44.....		Cucucacccaacagauccg.....	1
Gi2_9825942_x44.....		gguucgauucccggcgccggagcA.....	1
Gi2_9830694_x44.....	uccggcguaguauaGcggcuaga.....		1
Gi2_9841797_x43.....		guCcgauucccggcgccggagc.....	1
Gi5_7971399_x43.....	uccggcguaguauaacggcCaga.....		1
Gi5_7973936_x43.....		guucgauuNccgggcgccg.....	1
Gi5_7971012_x43.....	uccggcguNguauaacggcuaga.....		1
Gi1a_5301606_x43.....		Uguucgauucccggcgccggag.....	1
Gi2_9846570_x43.....	uccggcguaguauaacggcCaga.....		1
Gi5_7984822_x42.....		cacccaacagauccggguucga.....	0
Gi2_9852685_x42.....		gguucgauuUcgggcgccggagc.....	1
Gi3_26228227_x42.....	uccgUcguaguauaacggcua.....		1
Gi5_7990408_x42.....	uccggcguaguauaacgAcua.....		1

Gi3_26226589_x42	.....uGcggcguaguauaacggcuagaau.....	1
Gi2_9855499_x42	.....Gccggcguaguauaacggcuagaau.....	1
Gi2_9856885_x42	.....uccggcguGguauaacggc.....	1
Gi2_9858523_x42	.....gguucgauucccggcgccAgagc.....	1
Gi2_9851257_x42	.....cggguucgauucccggcgccgga.....	0
Gi5_7979992_x42	.....uGcggcguaguauaacggcua.....	1
Gi2_9849745_x42	.....ggcguaguauaacggcuaga.....	0
Gi3_26229739_x42	.....uccggcguaguauaGcgg.....	1
Gi3_26228521_x42	.....guCcgauucccggcgccggagc.....	1
Gi1_3688259_x42	.....ugguucucNcccaacagauccgg.....	1
Gi2_9855625_x42	.....uccggUguaguauaacggcuagaa.....	1
Gi5_7989610_x42	.....gguucgauucccggcgccggagcgA.....	1
Gi5_8004564_x41	.....gguucucaccccCacagauccg.....	1
Gi5_8000628_x41	.....Cccggcguaguauaacggcuag.....	1
Gi3_26256018_x41	.....uccggcguagCauaacggcua.....	1
Gi5_7998250_x41	.....gguucucacccaacGgauccg.....	1
Gi5_7996774_x41	.....aguccggcguaguauaacggcuagaugg.....	0
Gi1_3695561_x41	.....ccggcguaguauaacggcu.....	0
Gi3_26241340_x41	.....Cccggcguaguauaacggcua.....	1
Gi5_7996569_x41	.....gguucgauNcccggcgccg.....	1
Gi5_7993863_x41	.....Aguucgauucccggcgccg.....	1
Gi1_3695766_x41	.....guAcgauucccggcgccgg.....	1
Gi3_26260364_x41	.....auccggguucgauucccggcgccggagc.....	0
Gi2_9863452_x41	.....guucgaCucccgcgccggag.....	1
Gi3_26252492_x41	.....gguucgauucccggcgccggUgc.....	1
Gi5_7993658_x41	.....guucucaccccCacagauccg.....	1
Gi2_9877330_x40	.....Ggguucucacccaacagauccg.....	1
Gi3_26276090_x40	.....guucgauucccggcgccAga.....	1
Gi1_3697317_x40	.....gUuucgauucccggcgccgga.....	1
Gi3_26276010_x40	.....gguucgauAcccggcgccggagc.....	1
Gi1_3698477_x40	.....guucgauucccgAcgcccgg.....	1
Gi3_26266650_x40	.....uUcggcguaguauaacggc.....	1
Gi3_26263370_x40	.....uUguucucacccaacagauc.....	1
Gi5_8014854_x40	.....uccggcguaguauaacggcCag.....	1
Gi3_26263930_x40	.....gCuucgauucccggcgccgga.....	1
Gi3_26275650_x40	.....uUcggcguaguauaacgg.....	1
Gi3_26282010_x40	.....uccggAguaguauaacggcuaga.....	1
Gi5_8026280_x39	.....guucgauucccggcAccgg.....	1
Gi3_26299059_x39	.....Cuucgauucccggcgccggagc.....	1
Gi1_3704321_x39	.....guugguucucacccaacagauccgggu.....	0
Gi3_26283693_x39	.....gguucgaCucccgcgccggag.....	1
Gi3_26305026_x39	.....agauccggguucgauucccggcgccggagcC.....	1
Gi2_9893236_x39	.....Cuucgauucccggcgccgg.....	1
Gi3_26305572_x39	.....gguucgauucAcggcgccggagc.....	1
Gi3_26327082_x38	.....uUcggcguaguauaacggcua.....	1
Gi2_9912081_x38	.....guucgaCucccgcgccgga.....	1
Gi2_9905051_x38	.....uccggguucgauucccggcgccgga.....	0

Gi3_26320546_x38.....	uccggUguaguauaacggcua.....	1
Gi1_3714126_x38.....	uccggcguNguauaacggcuag.....	1
Gi2_9913069_x38.....	.....	1
Gi3_26326702_x38.....	.....	1
Gi3_26320318_x38.....	.....	1
Gi3_26318608_x38.....	.....	1
Gi1_3709984_x38.....	.....	1
Gi3_26311426_x38.....	.....	1
Gi2_9911093_x38.....	.....	1
Gi5_8033481_x38.....	.....	0
Gi2_9909383_x38.....	.....	1
Gi5_8031125_x38.....	.....	1
Gi1_3713404_x38.....	.....	1
Gi3_26331161_x37.....	.....	1
Gi1_3717732_x37.....	.....	1
Gi5_8052664_x37.....	.....	1
Gi2_9924698_x37.....	.....	1
Gi5_8043118_x37.....	.....	1
Gi3_26335638_x37.....	.....	1
Gi5_8046744_x37.....	.....	1
Gi1_3718472_x37.....	.....	1
Gi3_26345147_x37.....	.....	1
Gi3_26349402_x37.....	.....	1
Gi1_5352502_x37.....	.....	1
Gi2_9921627_x37.....	.....	1
Gi2_9916965_x37.....	.....	1
Gi3_26332530_x37.....	.....	1
Gi2_9923107_x37.....	.....	1
Gi1_3715031_x37.....	.....	0
Gi5_8065660_x36.....	.....	1
Gi5_8055436_x36.....	.....	0
Gi1_3721587_x36.....	.....	0
Gi3_26352767_x36.....	.....	1
Gi3_26352083_x36.....	.....	1
Gi3_26358887_x36.....	.....	1
Gi3_26372855_x36.....	.....	1
Gi2_9939771_x36.....	.....	1
Gi5_8063536_x36.....	.....	1
Gi5_8058424_x36.....	.....	1
Gi3_26353271_x36.....	.....	1
Gi2_9939159_x36.....	.....	1
Gi3_26361443_x36.....	.....	1
Gi2_9929187_x36.....	.....	1
Gi5_8061016_x36.....	.....	1
Gi3_26359031_x36.....	.....	1
Gi3_26393525_x35.....	.....	1
Gi1_3728247_x35.....	.....	1

Gi3_26382465_x35	uccggcguaAuauaacggcuaga	1
G1a_5365600_x35	guucgauucccgcgccgga	0
Gi5_8068229_x35	guucgaCucccgcgccgga	1
Gi1_3728352_x35	uccggcguaGuauaacggc	1
Gi3_26394540_x35	guucAauucccgcgccgg	1
Gi5_8072429_x35	Cuucgauucccgcgccg	1
Gi2_9949979_x35	gguuGgauucccgcgccggagc	1
Gi3_26378230_x35	uccggcguaGuauaacggcuagaC	1
Gi2_9948054_x35	uGcgcguaGuauaacggcua	1
Gi5_8076769_x35	uccggcguaGuauaacggcuaga	1
G1a_5364060_x35	ugguucucacccaacagauccg	0
Gi3_26394120_x35	uccggguucgauucccgcgccg	0
Gi3_26381415_x35	agaucggguucgauucccgcgccggagc	0
Gi3_26384355_x35	ggCucgauucccgcgccg	1
Gi5_8077714_x35	guucUauucccgcgccgg	1
Gi5_8069594_x35	uccggcguaGuauaacAgcuag	1
Gi3_26377950_x35	guCcgauucccgcgccgga	1
Gi1_3735733_x34	ucUggcguaGuauaacgg	1
Gi1_3737467_x34	uccggcguaNguauaacgg	1
Gi1_3735189_x34	ccggcguaGuauaacggcuag	0
Gi5_8088935_x34	guucucacNcaacagauccg	1
Gi3_26414972_x34	guucgauucccgUgcccga	1
Gi1_3735325_x34	guucucaccccacagauccg	1
Gi5_8090499_x34	uccggcguaGuauaacggcuag	1
Gi2_9958755_x34	Aguucgauucccgcgccgga	1
Gi3_26398108_x34	uCcucacccaacagauccg	1
Gi5_8084005_x34	uccggcguaGuauaacgAcuaga	1
Gi5_8085025_x34	cGcaccacaacagauccg	1
Gi5_8085535_x34	guCcgauucccgcgccg	1
Gi2_9967459_x34	gguucgauuUccggcgccggagc	1
Gi2_9965147_x34	gguucgauNcccggcgccg	1
Gi2_9956477_x34	gguucgauucccUgcccggagc	1
Gi5_8085263_x34	ucUggcguaGuauaacggcua	1
Gi3_26413068_x34	gguucgauucccAgcgccggag	1
Gi5_8088731_x34	gguucucaccccGacagauccg	1
Gi2_9982581_x33	gguucgauAccggcgccggagc	1
Gi3_26434465_x33	guucgauucccgcgccA	1
Gi3_26424796_x33	uccggcguaGuauaacggcua	1
Gi5_8099352_x33	uUcgcguaGuauaacggcuag	1
Gi3_26436412_x33	ucUggcguaGuauaacggcuag	1
Gi3_26426050_x33	guucUauucccgcgccgg	1
Gi3_26430076_x33	cguaguauaacggcuaga	0
Gi3_26424631_x33	uccgUcguaGuauaacggc	1
Gi3_26436082_x33	uccggcguaGuauUacggcuaga	1
Gi2_9980106_x33	gguucgauucccgcgUcggagc	1
Gi3_26424136_x33	gguCcgauucccgcgccgga	1
Gi1_3738717_x33	uccggguucgauucccgcgccgga	0

Gi5_8097372_x33	.....gguucgauucccgcgccggGgc	1
Gi2_9978951_x33	.....gguucgauucccgcgccggCg	1
Gi1_3742776_x33	.....Aguucucacccaacagauccg	1
Gi5_8105061_x33	.....gguucgGuucccgcgccgggagc	1
Gi5_8099451_x33	.....guucgauucccgcgccUg	1
Gi5_8099088_x33	.....uUcggcgaguauaacggcuaga	1
Gi1_3743568_x33	.....uucucaccNaacagauccg	1
Gi3_26426809_x33	.....Aguucgauucccgcgcc	1
Gi3_26442022_x33	.....guucgauucccgcgccAg	1
Gi3_26428129_x33	.....gguucgauuccUggcgccgga	1
Gi3_26469278_x32	.....gguucgauucccgcgccUgga	1
Gi3_26460286_x32	.....gAuucgauucccgcgccgga	1
Gi5_8108550_x32	.....gAuucgauucccgcgccggagc	1
Gi3_26452766_x32	.....ucAggcgaguauaacggcuaga	1
Gi2_9993405_x32	.....uGcggcgaguauaacggc	1
Gi2_9996477_x32	.....uccggcgaguGuaacggcuaga	1
Gi3_26450590_x32	.....guuUgauucccgcgccgga	1
Gi2_9997213_x32	.....uccggcguGguauaacggcuaga	1
Gi1_3747552_x32	.....ugguucucacccaacagaucc	0
Gi5_8111366_x32	.....cucacccaNcagauccgg	1
Gi5_8114374_x32	.....uccggcgaguauaGcgg	1
Gi3_26457758_x32	.....gguucgauuAccggcgccggagc	1
Gi3_26457918_x32	.....ggGucgauucccgcgccgga	1
Gi5_8116710_x32	.....uccggcgaguGuaacggcuag	1
Gi3_26455070_x32	.....Cccggcgaguauaacggc	1
Gi1_3745344_x32	.....guucgauucccgUcgccgg	1
Gi3_26466494_x32	.....ggGucgauucccgcgccggag	1
Gi1_3744160_x32	.....uccggcgaguauaacAgcuag	1
Gi3_26468638_x32	.....uucucacccaCcagauccg	1
Gi3_26446270_x32	.....acagauccggguucgauucccgcgccgg	0
Gi3_26487574_x31	.....gguuAgauucccgcgccggagc	1
Gi3_26478336_x31	.....guucUauucccgcgccgga	1
Gi5_8126192_x31	.....gguucgaCucccgcgccggagc	1
Gi2_10008326_x31	.....guucucacccaacagauccgggu	0
Gi5_8127401_x31	.....uUcggcgaguauaacggcuagaau	1
Gi3_26472911_x31	.....guuUgauucccgcgccgg	1
Gi5_8130315_x31	.....guucgauucccgcgAccg	1
Gi5_8120085_x31	.....uccggcgaguauaGcggcuaga	1
Gi1_3754020_x31	.....uuUucacccaacagauccg	1
Gi2_10011860_x31	.....guucgauucccgcgccgC	1
Gi1_3754578_x31	.....ggguucgauucccgcgccgga	0
Gi5_8118814_x31	.....uccggcguGguauaacggcua	1
Gi4_490729_x31	.....uccggcgaguauaacggcuag	0
Gi3_26491728_x31	.....guucgauuccUggcgccgg	1
Gi3_26471795_x31	.....uccggcgaguGuaacgg	1
Gi3_26473655_x31	.....guucgauCcccgcgccgg	1
Gi3_26477902_x31	.....agauccggguucgauucccgcgccggag	0

Gi2_9999863_x31.....	.Cuucgauucccgcgccggagc.....	1
Gi3_26480072_x31.....	.gguucgaCucccgcgccgg.....	1
Gi2_10012480_x31.....	.Cccggcguaguauaacggcuaga.....	1
Gi2_10002994_x31.....	.uccggcguaguauCacggcuaga.....	1
Gi3_26475019_x31.....	.guucgauCcccgcgccgga.....	1
Gi5_8141425_x30.....	.gguucgauucccgcgccggC.....	1
Gi5_8133235_x30.....	.uccggcguaguauaacggcuagaCu.....	1
Gi2_10024765_x30.....	.uucucacccaacGgauccg.....	1
Gi1_3758915_x30.....	.auccggguucgauucccgcgccgg.....	0
Gi3_26516520_x30.....	.guucgauucccgcgUcggga.....	1
Gi1_3756935_x30.....	.uccggcguaguauaGcggcuag.....	1
Gi2_10027315_x30.....	.Gccggcguaguauaacggcuagaa.....	1
Gi1_3761195_x30.....	.Gccggcguaguauaacggc.....	1
Gi3_26506200_x30.....	.gguucAauucccgcgccgga.....	1
Gi1_3756845_x30.....	.aacagauccggguucgauucccgcgccgg.....	0
Gi5_8141005_x30.....	.uccggcguaguauaacggcuagaaug.....	0
Gi3_26512770_x30.....	.guucgauuccAgcgccgga.....	1
Gi5_8140135_x30.....	.gguucucGcccaacagauccg.....	1
Gi5_8137855_x30.....	.guucgauuccUggcgccg.....	1
Gi3_26513970_x30.....	.uccggcguaguauUacgg.....	1
Gi2_10028005_x30.....	.Cguucgauucccgcgcc.....	1
Gi5_8136295_x30.....	.ucUggcguaguauaacggc.....	1
Gi1a_5399946_x30.....	.Uguucgauucccgcgccg.....	1
Gi1_3758705_x30.....	.cucacccaacagauccggguucga.....	0
Gi2_10018675_x30.....	.guucgauuccAgcgccggagc.....	1
Gi5_8140915_x30.....	.uccggcguaguauaacggcuagC.....	1
Gi3_26528828_x29.....	.guucAauucccgcgccgga.....	1
Gi2_10032948_x29.....	.cagauccggguucgauucccgcgccggag.....	0
Gi5_8148972_x29.....	.gCucucacccaacagauccg.....	1
Gi5_8148740_x29.....	.accaacagauccggguucgauucc.....	0
Gi2_10036109_x29.....	.uccggcguGguauaacggcua.....	1
Gi5_8143462_x29.....	.uccgUcguaguauaacggcuaga.....	1
Gi1_3764610_x29.....	.guucgauucccgcgccggagcgA.....	1
Gi3_26542980_x29.....	.gguucgauucccgcgAcggag.....	1
Gi5_8145608_x29.....	.ucUggcguaguauaacgg.....	1
Gi1_3767597_x29.....	.guucgauUccggcgccg.....	1
Gi3_26538456_x29.....	.uccggcguaguauaacgAcua.....	1
Gi5_8150915_x29.....	.Gcucacccaacagauccg.....	1
Gi1_3764407_x29.....	.accaacagauccggguucgauuccg.....	0
Gi1_3767858_x29.....	.guucgauucccgcgccCg.....	1
Gi3_26539384_x29.....	.uccggcguagCauaacggc.....	1
Gi5_8151785_x29.....	.uccggcguGguauaacggcuaga.....	1
Gi5_8143752_x29.....	.ucUggcguaguauaacggcuagaau.....	1
Gi3_26539645_x29.....	.Gucgauucccgcgccggagc.....	1
Gi3_26538688_x29.....	.gguucgauucccgcgGcgagc.....	1
Gi5_8154772_x29.....	.gguCucacccaacagauccg.....	1
Gi2_10029874_x29.....	.gguCcgauucccgcgcc.....	1

Gi5_8144825_x29.....	guucgGuucccgccg	1
Gi3_26527030_x29.....	guucgauucccgccgUgga	1
Gi3_26537209_x29.....	guucgauuNccggcgccggag	1
Gi5_8153061_x29.....	uccggcguaguauaacggUuag	1
Gi5_8152887_x29.....	guucgauuccUggcgccg	1
Gi3_26523260_x29.....	uccggcgCaguauaacgg	1
Gi2_10057461_x28.....	uccggcguaguauaacggcuaAa	1
Gi2_10045757_x28.....	gguuAgaucccgccgagc	1
Gi5_8163133_x28.....	gguucucacccaCcagaucgg	1
Gi5_8162657_x28.....	gCuucgauucccgccgagc	1
Gi5_8158877_x28.....	uucucaccNaacagaucgg	1
Gi3_26554693_x28.....	gguucgauucccgccgAcgga	1
Gi2_10055053_x28.....	gguucgauucccgccgG	1
Gi3_26559173_x28.....	uccggcguaguauCacggc	1
Gi3_26555953_x28.....	guucgauuccUggcgccgagc	1
Gi5_8156945_x28.....	guucgauucccgccgUcgg	1
Gi3_26556541_x28.....	guucgauucccgccgAccgga	1
Gi3_26554441_x28.....	cucacccaacagauccggguucgauucc	0
Gi5_8160949_x28.....	gguucgauNcccgccgagc	1
Gi2_10045729_x28.....	guucgauuccUggcgccgagc	1
Gi3_26547861_x28.....	guucgGuucccgccgag	1
Gi1_3770940_x28.....	Uguucgauucccgccgag	1
Gi3_26545705_x28.....	uccggcguaguauaacggcuGg	1
Gi5_8166913_x28.....	gguucgauucccgccgAC	1
Gi2_10046429_x28.....	gguucgauucAcggcgccgagc	1
Gi3_26545733_x28.....	Cccggcguaguauaacgg	1
Gi1_3779598_x27.....	uccggcguaguauaacggcCag	1
Gi3_26582799_x27.....	Gcucacccaacagauccg	1
Gi2_10059887_x27.....	ucUggcguaguauaacggc	1
Gi3_26577156_x27.....	guucgaGucccgccgagc	1
Gi3_26582178_x27.....	ucUggcguaguauaacggcuagaa	1
Gi2_10066853_x27.....	Cgcguaguauaacggcuaga	1
Gi1a_5426177_x27.....	Uguucgauucccgccg	1
Gi5_8169947_x27.....	gauccggguucgauucccgccgga	0
Gi3_26588604_x27.....	gguucgauucccgccgAccggag	1
Gi2_10059158_x27.....	guucUauucccgccg	1
Gi3_26590710_x27.....	aacagauccggguucgauucccgccgga	0
Gi3_26578533_x27.....	cucacccaacagauccggguucgauu	0
Gi1_3780354_x27.....	gguucgauucccgccgU	1
Gi3_26586768_x27.....	Ugcguaguauaacggcuaga	1
Gi5_8178101_x27.....	gguucucacccaGcagaucgg	1
Gi5_8170649_x27.....	guucgauCcccgccg	1
Gi3_26585094_x27.....	ggAucgauucccgccgag	1
Gi5_8171027_x27.....	uccggcguaguauaaUggcuaga	1
Gi3_26592168_x27.....	guucgauucccAgcggagc	1
Gi3_26588037_x27.....	uccggcguaguauaacggcuGgaa	1
Gi3_26587578_x27.....	gguucgauucccgccAga	1

Gi1_3776601_x27.....	guucgaCucccggcgcgga.....	1
Gi3_26593599_x27.....	ucUggcgaguauaacggcuagaau.....	1
Gi5_8180396_x27.....	uccggcgaguauaacAgcua.....	1
Gi2_10067744_x27.....	guucgauucccggcAccgg.....	1
Gi3_26600531_x26.....	acagauccggguucgauucccggcgcggagc.....	0
Gi5_8189398_x26.....	uccggcgaguauCacggcuaga.....	1
Gi5_8187812_x26.....	uccgUcgaguauaacggcuag.....	1
Gi5_8194208_x26.....	gguucgauucccgUgcc.....	1
Gi1_3786287_x26.....	uccggcgaguGuaacggcuaga.....	1
Gi5_8186200_x26.....	guucgauucccgUgccg.....	1
Gi1_3785741_x26.....	uucucacccaCagauccg.....	1
Gi1_3781945_x26.....	guucgauucccggcgcgA.....	1
Gi3_26619511_x26.....	uccggcgaguauaaUggcua.....	1
Gi3_26620993_x26.....	uccggcgaguCaacgg.....	1
Gi1_3784623_x26.....	ugguucucGcccaacagauccg.....	1
Gi5_8186590_x26.....	guucgauucccAgcgccg.....	1
Gi3_26621123_x26.....	Gucgauucccggcgcgga.....	1
Gi5_8191868_x26.....	Gucacccaacagauccg.....	1
Gi5_8183444_x26.....	guGcgauucccggcgcg.....	1
Gi3_26601935_x26.....	gguucgauucUcggcgcggag.....	1
Gi2_10082815_x26.....	uGcucacccaacagauccg.....	1
Gi1_3786209_x26.....	uccggUguaguauaacggcuag.....	1
Gi2_10076679_x26.....	guucgGuucccggcgcg.....	1
Gi3_26619537_x26.....	uccggcgaguauaGcggcuag.....	1
Gi3_26596267_x26.....	guucgauucccggcgAccg.....	1
Gi1_3784987_x26.....	uGcggcgaguauaacggcuaga.....	1
Gi1_3790881_x25.....	gAucgauucccggcgcg.....	1
Gi5_8198434_x25.....	guucucacccaacagGuccg.....	1
Gi5_8201084_x25.....	Cguucucacccaacagauccg.....	1
Gi3_26629968_x25.....	Uuucucacccaacagauccgg.....	1
Gi5_8196184_x25.....	uccggcgUngauaacggcuagaau.....	1
Gi1_3792481_x25.....	uuUucacccaacagauccg.....	1
Gi3_26640343_x25.....	guucgauucGcgggcgcggagc.....	1
Gi5_8203184_x25.....	gguuUgauucccggcgcggagc.....	1
Gi2_10097647_x25.....	gguucgauucccgUgcc.....	1
Gi2_10104647_x25.....	guucgauucccggcgcAg.....	1
Gi3_26629143_x25.....	uccggAguaguauaacggcua.....	1
Gi5_8201009_x25.....	guucucacccaCagauccg.....	1
Gi3_26638018_x25.....	gguucgauuccAggcgcgg.....	1
Gi5_8200709_x25.....	uuUucacccaacagauccg.....	1
Gi5_8207059_x25.....	guucgauucccggcgcAg.....	1
Gi3_26649193_x25.....	gguucgauucccgUgccggag.....	1
Gi5_8199184_x25.....	uccggcgaguauaacggcuagaaA.....	1
Gi2_10100297_x25.....	aacagauccggguucgauucccggcgcg.....	0
Gi5_8196384_x25.....	gguucucacUcaacagauccg.....	1
Gi3_26640368_x25.....	uccggcgaguGuaacggc.....	1
Gi1_3790031_x25.....	guucucacNcaacagauccg.....	1

Gi2_10100072_x25	.....gguucgauNccccggcgccgga	1
G1a_5444687_x25	.....gUuucgauucccgcgccggag	1
Gi2_10095222_x25	.....guuUgauucccgcgccggagc	1
Gi5_8196534_x25	.....uccggcguaguauaacgAcuag	1
Gi3_26645368_x25	.....guucgauucccgcgAccgg	1
Gi3_26624893_x25	.....guucgauucUcggcgccg	1
Gi2_10097697_x25	.....uccggcguaguauaacgAcuaga	1
Gi1_3790131_x25	.....guucgaCucccgggcgccg	1
G1a_5450987_x25	.....Uguucgauucccgcgccgga	1
Gi3_26633193_x25	.....gguucgauNccccggcgcc	1
Gi3_26647618_x25	.....gguuUgauucccgcgccggag	1
Gi2_10090447_x25	.....guucgauuccUggcgccg	1
Gi3_26646318_x25	.....uccggcguaguauaacAgcuagaa	1
Gi5_8197809_x25	.....Aguucgauucccgcgccgga	1
Gi3_26621768_x25	.....gguucgCuucccgcgccgga	1
Gi1_3795686_x24	.....uccggcguaguauaacggcuagG	1
Gi5_8218152_x24	.....uccggcguGguauaacgg	1
Gi3_26665520_x24	.....gguucgaCucccgggcgccg	1
Gi5_8207976_x24	.....Gccggcguaguauaacggcuagaa	1
Gi3_26675528_x24	.....gguucgauucccgggcgccggUg	1
Gi3_26674952_x24	.....gguucgauucccgggcgUcgga	1
Gi3_26650424_x24	.....ucGggcguaguauaacggcuaga	1
Gi1_3795806_x24	.....uccggcguaguauaacggcuGga	1
Gi3_26671712_x24	.....gguuUgauucccgcgccgga	1
Gi2_10115803_x24	.....guucgauucccgUgcccggagc	1
Gi3_26679536_x24	.....uccggcguagCauaacgg	1
Gi5_8217048_x24	.....Ugcguaguauaacggcuag	1
Gi3_26660288_x24	.....gguucuaNccaacagauccg	1
Gi1_3795614_x24	.....ugguucucNcccaacagauccg	1
Gi3_26675624_x24	.....guucgauCcccggcgccggagc	1
Gi3_26668208_x24	.....uccggcguaguauGacgg	1
Gi5_8207304_x24	.....uccggcguaguauaacggcuGgaa	1
Gi3_26658896_x24	.....guucgauucccgggcgUcgg	1
Gi5_8208528_x24	.....gguucucacccaacagGuccg	1
Gi2_10120123_x24	.....uccggcguaguauaacggUuaga	1
Gi5_8209344_x24	.....uccggcguaguaCaacggcuaga	1
Gi3_26661824_x24	.....gguCcucacccaacagauccg	1
Gi5_8218584_x24	.....guucgauucccgggcgccggagcguuucc	0
Gi3_26664320_x24	.....uUcggcguaguauaacggcuag	1
Gi3_26675888_x24	.....uccgCccguaguauaacggcuaga	1
Gi3_26666672_x24	.....aUauccggguucgauucc	1
Gi5_8219064_x24	.....uUguucucacccaacagauccgggu	1
Gi1_3798686_x24	.....gguucgaCucccgggcgccg	1
Gi2_10111627_x24	.....uccggcguNguauaacggc	1
Gi5_8207880_x24	.....uccggcguagCauaacggcuaga	1
Gi1_3794750_x24	.....ucUggcguaguauaacggcuag	1
Gi3_26663672_x24	.....gguucAauucccgcgccggag	1

Gi3_26663600_x24	uccggcguGguauaacggcuag	1
Gi3_26687230_x23	ggGucgauucccggcgcg	1
Gi5_8221616_x23	guucucacccaGcagaucgg	1
Gi1_3800485_x23	guucgauucccggcgcggaU	1
Gi4_499091_x23	gUuucgauucccggcgcg	1
Gi5_8223571_x23	guucgauucccggcgcggaA	1
Gi3_26697948_x23	gguucgauucUcgggcgcgga	1
Gi3_26708827_x23	uuUucacccaacagaucgg	1
Gi2_10130648_x23	guucucacccCacagaucgg	1
Gi5_8227987_x23	uccggcguNguauaacggcua	1
Gi5_8225756_x23	Auucucacccaacagaucgg	1
Gi5_8228700_x23	guucAauucccggcgcg	1
Gi3_26708482_x23	gguucucacccaGcagaucgg	1
Gi5_8229942_x23	Cguucgauucccggcgcg	1
Gi2_10137065_x23	gCucgauucccggcgcg	1
Gi5_8225825_x23	uccggUguaguauaacggcuag	1
Gi1_3799979_x23	guucgCuucccggcgcg	1
Gi5_8223433_x23	Gucucacccaacagaucgg	1
Gi5_8228263_x23	gguucgauuccUgggcgcgga	1
Gi5_8222398_x23	guucgauucccggcgcggaA	1
Gi2_10128003_x23	guucUauucccggcgcgga	1
Gi5_8232656_x23	uccggcguaguauaacggcuagaugg	0
Gi3_26687529_x23	ggUAcgauucccggcgcgga	1
Gi5_8231069_x23	guucUauucccggcgcg	1
Gi5_8226906_x23	Uguucucacccaacagauc	1
Gi2_10122253_x23	uccggcguaguauaacggcuGgaau	1
Gi3_26684470_x23	uccggcguaguauaacggcuagaCu	1
Gi3_26686057_x23	uccggcguNguauaacggcuag	1
Gi2_10126186_x23	uccggcguNguauaacggcua	1
Gi3_26689323_x23	uccggcguaguauaacggUua	1
Gi5_8230356_x23	uccggcguaguauaacggcuGg	1
Gi4_499827_x23	Uguucgauucccggcgcg	1
Gi3_26682400_x23	uccggcguNguauaacggcuagaa	1
Gi3_26697833_x23	gguucgauCcccggcgcg	1
Gi1_3804694_x23	guucucacccCacagaucgg	1
Gi1_3805131_x23	guCucacccaacagaucgg	1
Gi5_8220144_x23	guuUgauucccggcgcg	1
Gi3_26688150_x23	uccggcguaguauaacAg	1
Gi5_8227343_x23	gguucgauuccAgcgcgcgga	1
Gi3_26701122_x23	guucgauucccgAcgcgcgga	1
Gi1_3813437_x22	gAuucgauucccggcgcg	1
Gi3_26729320_x22	uccggcguaguauaacggAuaga	1
Gi3_26737284_x22	uccggcguaguauaacUgcuaga	1
Gi3_26717924_x22	uGcgauucccggcgcgga	1
Gi3_26730772_x22	gguucgauuccUgcgcgcgga	1
Gi2_10151036_x22	uGgauucccggcgcgga	1
Gi5_8238293_x22	uccggcguaguauCacggcuag	1

Gi3_26740848_x22.....	..gguCcgauucccggcgcgg.....	1
Gi1_3811083_x22.....	..uucucacccaCagauccgg.....	1
Gi2_10142500_x22.....	..cggcguaguauaacggcuagaa.....	0
Gi3_26721092_x22.....	..Uguucucacccaacagauccgg.....	1
Gi3_26731828_x22.....	..gguCcgauucccggcgcgg.....	1
Gi1_3808399_x22.....	..uucucaccUaacagauccgg.....	1
Gi2_10139948_x22.....	..guucgauucccggcgcggG.....	1
Gi3_26716120_x22.....	..gCucgauucccggcgcggag.....	1
Gi3_26719574_x22.....	..ggCucucacccaacagauccg.....	1
Gi3_26713986_x22.....	..uuUucacccaacagauccgg.....	1
Gi3_26726196_x22.....	..Cguucgauucccggcgcgg.....	1
Gi3_26722500_x22.....	..uccggcguaguUuaacggcuaga.....	1
Gi3_26728792_x22.....	..gguNcgauucccggcgcggagc.....	1
Gi3_26729452_x22.....	..uccggcguaguauaacggcuC.....	1
Gi5_8240427_x22.....	..gguucgauNcccggcgcgg.....	1
Gi2_10147758_x22.....	..Cguucgauucccggcgcggag.....	1
Gi5_8242539_x22.....	..ggcguaguauaacggcuagaa.....	0
Gi3_26709784_x22.....	..guAcgauucccggcgcgg.....	1
Gi3_26725954_x22.....	..gguucgauucccggcgcAgga.....	1
Gi3_26717066_x22.....	..gguucgGuucccggcgcgg.....	1
Gi5_8243045_x22.....	..ccggcguaguauaacggcuagaa.....	0
Gi3_26718562_x22.....	..guucucacccaCagauccg.....	1
Gi2_10138452_x22.....	..guuUgauucccggcgcgg.....	1
Gi3_26727098_x22.....	..guucAauucccggcgcggagc.....	1
Gi1_3808971_x22.....	..uUcggcguaguauaacggcuag.....	1
Gi3_26728088_x22.....	..guucgauucccggcgcAgga.....	1
Gi3_26727450_x22.....	..cGcacccaacagauccgg.....	1
Gi3_26725008_x22.....	..uccggcguaguaCaacggcu.....	1
Gi5_8248083_x22.....	..gguucucacccaacagCuccg.....	1
Gi2_10140696_x22.....	..guGcgauucccggcgcgg.....	1
Gi3_26718166_x22.....	..guAcgauucccggcgcggga.....	1
Gi3_26711566_x22.....	..guucgauucccAgcgcggag.....	1
Gi3_26725778_x22.....	..uccggcguaguauaacggGuaga.....	1
Gi1_3807937_x22.....	..Uguucucacccaacagauccgg.....	1
Gi3_26726042_x22.....	..uccggUguaguauaacgg.....	1
Gi5_8234575_x22.....	..Aguucgauucccggcgc.....	1
Gi1_3812227_x22.....	..guucgauucccggcgcC.....	1
Gi1_3810995_x22.....	..uccggUguaguauaacgg.....	1
Gl1_5485777_x21.....	..gUuucgauucccggcgcgg.....	1
Gi1_3818985_x21.....	..Gucacccaacagauccgg.....	1
Gi5_8254014_x21.....	..gguucgauucccggcgcggagA.....	1
Gi1_3820980_x21.....	..Gccggcguaguauaacggcuagaa.....	1
Gl1_5481220_x21.....	..Uuucucacccaacagauccg.....	1
Gi3_26764221_x21.....	..uccggcguaguauaaUgg.....	1
Gi5_8251242_x21.....	..uccggcgCaguauaacggcuaga.....	1
Gi1_3813861_x21.....	..uucucacccaGacagauccgg.....	1
Gi3_26754267_x21.....	..guGcgauucccggcgcggga.....	1

Gi3_26768379_x21	uccggcguaguauaaGggcuaga	1
Gi3_26758068_x21	uccggcguaguauaacAgcuag	1
Gi5_8251956_x21	ggAucgauucccgccgagc	1
Gi3_26768988_x21	uccggcguaguGuaacggcuag	1
Gi5_8255085_x21	guucgaCucccgccgag	1
Gi5_8262477_x21	uccggcguaguauaacggcCagaau	1
Gi2_10166227_x21	uccgUcguaguauaacggcuaga	1
Gi2_10172401_x21	uGcggcguaguauaacgg	1
Gi2_10171771_x21	gguucgauuccAgcgccgag	1
Gi1_3816633_x21	uUcggcguaguauaacggcua	1
Gi5_8252838_x21	gguCcgauucccgccgagc	1
Gi5_8250171_x21	guucucacccGacagauccg	1
Gi2_10157638_x21	uccggcguagCauaacggcuaga	1
Gi3_26762877_x21	uccggcguaguaCaacggc	1
Gi5_8257437_x21	gguucgauCcccgccgagc	1
Gi5_8253804_x21	gguucucacccaacagaCccg	1
Gi2_10171645_x21	uccggcguaguauaacggcA	1
Gi1_3818649_x21	uucucacccaacGgauccgg	1
Gi3_26742633_x21	uccggcguNguauaacggcuagau	1
Gi3_26769219_x21	uccggcguGguauaacggcuagau	1
Gi1_3820434_x21	uUcggcguaguauaacgg	1
Gi3_26765145_x21	cagauccggguucgauucccgccgagcC	1
Gi3_26764158_x21	uccggcgCaguauaacggcua	1
Gi3_26755359_x21	uccggcguaguauaaAggcuaga	1
Gi5_8254728_x21	gAuucucacccaacagauccg	1
Gi5_8253741_x21	guucgauucccgccgC	1
Gi2_10171897_x21	guucgauucccgccgUcggagc	1
Gi2_10157743_x21	gguucgauuccAgcgccgagc	1
Gi5_8258970_x21	ggGucgauucccgccgagc	1
Gi1_3814533_x21	gguucgauucccgccggaU	1
Gi5_8254392_x21	ugguucucacccaacagauccggguucga	0
Gi2_10163098_x21	gguucgauucccgccgUg	1
Gi2_10155790_x21	uccggcguGguauaacgg	1
Gi5_8255211_x21	gguucAauucccgccgagc	1
Gi3_26767035_x21	uccggcguaguauaacGcuaga	1
Gi1_3820035_x21	uucucacccaacagauccggguucgau	0
Gi3_26755716_x21	Uauccggguucgauucc	1
Gi2_10186169_x20	gguucgauucccgccgCcc	1
Gi5_8268609_x20	guucgauucccgccgAcgg	1
Gi2_10183269_x20	Cccggcguaguauaacggc	1
Gi3_26801825_x20	gAucgauucccgccg	1
Gi1_3821370_x20	uccggcguaguaCaacgg	1
Gi3_26804425_x20	Ugguucgauucccgccgagc	1
Gi3_26803925_x20	gguucgauucccgccAgag	1
Gi5_8271389_x20	guuUgauucccgccg	1
Gi3_26799545_x20	gguucgauucccgAcgcccga	1
Gi5_8265869_x20	uccggcCuaguauaacggc	1

Gi1_3825750_x20.....	.cggcguaguauaacggcu.....	0
Gi1_3827030_x20.....	.uucucaccNaacagauccgg.....	1
Gi3_26786165_x20.....	.....gauccggguucgauucccggcgccgga.....	0
Gi2_10181629_x20.....	.....guucgauCcccggcgccggagc.....	1
Gi1_3825530_x20.....	.....ggCucgauucccggcgccgg.....	1
Gi3_26795625_x20.....	.....uAcggcguaguauaacggcuaga.....	1
Gi3_26802185_x20.....	.....gguucgCuucccggcgccggag.....	1
Gi2_10187089_x20.....	.....ggGucgauucccggcgccggag.....	1
Gi1_3825930_x20.....	.....Cccggcguaguauaacgg.....	1
Gi5_8270349_x20.....	.....Cccggcguaguauaacggc.....	1
Gi5_8265889_x20.....	.....aguccggcguaguauaacggcu.....	0
Gi1_3823770_x20.....	.....gguucgauucccggcgAcgg.....	1
Gi1_3824130_x20.....	.....ugguucucacccaacGgauccgg.....	1
Gi5_8276429_x20.....	.....guucAauucccggcgccgg.....	1
Gi2_10189489_x20.....	.....uccggcguaguauaacgAcua.....	1
Gi5_8272489_x20.....	.....uccggcguaguauaacggUuaga.....	1
Gi2_10175769_x20.....	.....Aguucgauucccggcgccgg.....	1
Gi3_26780245_x20.....	.....ugguucucaccUaacagauc.....	1
Gi2_10183169_x20.....	.....guucgauCcccggcgccgg.....	1
Gi2_10185989_x20.....	.....gguucgauucccggcgccggagcU.....	1
Gi1_3821550_x20.....	.....guucgauAcccggcgccgg.....	1
Gi5_8274529_x20.....	.....gCuucucacccaacagauccg.....	1
Gi5_8271009_x20.....	.....Cccggcguaguauaacggcuaga.....	1
Gi5_8276009_x20.....	.....Cccggcguaguauaacggcua.....	1
Gi3_26772925_x20.....	.....ggcguaguauaacggcuagaa.....	0
Gi3_26793365_x20.....	.....uccAgcguaguauaacggcua.....	1
Gi2_10173549_x20.....	.....guucgauucccggcgccggagcA.....	1
Gi1_3827510_x20.....	.....Gcucacccaacagauccg.....	1
Gi2_10208726_x19.....	.....uccggcguaguauaaUggcuaga.....	1
Gi3_26830880_x19.....	.....Cuucgauucccggcgccggag.....	1
Gi3_26810854_x19.....	.....Cucucacccaacagauccg.....	1
Gi5_8291903_x19.....	.....gguucgauucccggcAccggagc.....	1
Gi3_26808840_x19.....	.....gguucgauucccggcgccAg.....	1
Gi2_10199340_x19.....	.....guucgauucccggcgAcgg.....	1
Gi2_10192918_x19.....	.....uUcggcguaguauaacggc.....	1
Gi3_26822102_x19.....	.....guucgauucccggcgAcgga.....	1
Gi2_10196756_x19.....	.....guucgauucccggcgccgCagc.....	1
Gi1_3833676_x19.....	.....ucUggcguaguauaacggcuaga.....	1
Gi3_26836029_x19.....	.....uccggcguaguauaacggcuagGau.....	1
Gi3_26808612_x19.....	.....Gguccggcguaguauaac.....	1
Gi3_26806161_x19.....	.....uccggcguaguauaacgAc.....	1
Gi5_8280085_x19.....	.....uccggcguagCauaacgg.....	1
Gi3_26835193_x19.....	.....uccggcguaguaGaacggcuaga.....	1
Gi1_3831985_x19.....	.....gguucgauucccggcgUgg.....	1
Gi5_8287020_x19.....	.....guucgauCcccggcgccgg.....	1
Gi5_8291884_x19.....	.....uccggcguGguauaacggc.....	1
Gi3_26820943_x19.....	.....uccggUguaguauaacggcuag.....	1

Gi3_26832894_x19.....	guucgauuccUcggcgccgg.....	1
Gi3_26816193_x19.....	uccggcguaguauaaUggc.....	1
Gi3_26805230_x19.....	guCcgauucccgggcgccggag.....	1
Gi1_3830807_x19.....	Auucucacccaacagauccg.....	1
Gi1_3834930_x19.....	Auucgauucccgggcgccggagc.....	1
Gi2_10206845_x19.....	gguucgGuucccgcgcc.....	1
Gi3_26828410_x19.....	gguucgauucccgggcgAcg.....	1
Gi3_26820183_x19.....	guucgauucccgAcgccgg.....	1
Gi3_26821722_x19.....	guucgauuccUggcgccgga.....	1
Gi1_3830617_x19.....	uccgUcguaguauaacgg.....	1
Gi5_8283296_x19.....	ccggcguaguauaacggcu.....	0
Gi1_3830427_x19.....	ucacccaacagauccggguucga.....	0
Gi3_26819936_x19.....	cUauucccgggcgccggag.....	1
Gi5_8285652_x19.....	uccggcguaguauaacggcuagaGu.....	1
Gi2_10199530_x19.....	guAcgauucccgggcgccggagc.....	1
Gi3_26815452_x19.....	gAuucgauucccgggcgccg.....	1
Gi2_10206731_x19.....	gguucgauuAccggcgccggagc.....	1
Gi3_26854252_x18.....	gcguaguauaacggcuaga.....	0
Gi5_8302311_x18.....	guucgauucccgggcgUcg.....	1
Gi3_26850778_x18.....	gguucgauucccgggcgccgCagc.....	1
Gi3_26873890_x18.....	uGgauucccgggcgccggagc.....	1
Gi1_3838593_x18.....	uucucacccaacGgauccg.....	1
Gi5_8303733_x18.....	uccggcguaguaCaacggc.....	1
Gi5_8299737_x18.....	uccggUguaguauaacggcua.....	1
Gi2_10224454_x18.....	gguuUgauucccgggcgccgga.....	1
Gi1_3837495_x18.....	Cucucacccaacagauccg.....	1
Gi5_8300925_x18.....	uUcggcguaguauaacgg.....	1
Gi1_3840465_x18.....	guucgauucccgggcgccggG.....	1
Gi1_3843633_x18.....	uucCcacccaacagauccg.....	1
Gi3_26842750_x18.....	guucgauucccgUgcccggagc.....	1
Gi4_506352_x18.....	gguucgauucccgggcgccggagcC.....	1
Gi1_3843435_x18.....	uccgUcguaguauaacggcuag.....	1
Gi3_26859400_x18.....	gguucgauucccgggcgccUgagc.....	1
Gi5_8297415_x18.....	uccggcguaguauaacggcuCga.....	1
Gi1a_5511635_x18.....	Uguucgauucccgggcgcc.....	1
Gi2_10223590_x18.....	uccggcguaguauaacggcuagaauugguugg.....	0
Gi2_10226272_x18.....	uccggcgCaguauaacggcuaga.....	1
Gi3_26870074_x18.....	guucgauuccUggcgccggag.....	1
Gi5_8296209_x18.....	ggAucucacccaacagauccg.....	1
Gi2_10215526_x18.....	guucgauucccgggcgUcgg.....	1
Gi3_26866942_x18.....	guucgauucccgAgccgg.....	1
Gi5_8294553_x18.....	uccAgcguaguauaacggcuag.....	1
Gi1_3842463_x18.....	Gucgauucccgggcgccgg.....	1
Gi1_3841635_x18.....	uccggcguaguauaacggcuGg.....	1
Gi1_3842319_x18.....	uccggcguNguauaacggcua.....	1
Gi3_26844622_x18.....	uGcgauucccgggcgccggagc.....	1
Gi1_3838809_x18.....	gUucucacccaacagauccg.....	1

Gi2_10218010_x18	.....gguucgauuuccggcgUgga	1
Gi3_26865556_x18	.....uccggcguaguCuaacggcua	1
Gi3_26839870_x18	.....Uguucucacccaacagauccgggu	1
Gi2_10223176_x18	.....guucAauucccgcgccggagc	1
Gi2_10224562_x18	.....guucgauuuccggcgUgg	1
Gi5_8297325_x18	.....uCcucacccaacagauccg	1
Gi3_26846368_x18	.....gguUgauuuccggcgccg	1
Gi3_26859778_x18	.....guucgauuuccggcgUgg	1
Gi2_10218298_x18	.....agaucggguucgauuuccggcgccggagcC	1
Gi5_8296497_x18	.....uucucacccaCagauccg	1
Gi3_26843128_x18	.....guGcgauuuccggcgccg	1
Gi1_3843075_x18	.....ugguCcucacccaacagauccg	1
Gi2_10230664_x17	.....gguucgauuuccggcgccggUgc	1
Gi5_8319660_x17	.....gUuucucacccaacagauccg	1
Gi1_3850905_x17	.....Auucgauuuccggcgccgga	1
Gi1_3851194_x17	.....uCcucacccaacagauccg	1
Gi3_26878059_x17	.....gGuuccggcgccggagc	1
Gi5_8315104_x17	.....uccggcguaguauaacggcuagaugguu	0
Gi1_3853115_x17	.....ucUggcguaguauaacggcua	1
Gi2_10246083_x17	.....guucgauuuccggcgccAgagc	1
Gi2_10232534_x17	.....gguucgauuuccggcgAcc	1
Gi2_10238654_x17	.....ggCucgauuuccggcgcc	1
Gi2_10238671_x17	.....guucgauuUcggcgccggagc	1
Gi3_26898238_x17	.....uccggcguagAuaaacggcuaga	1
Gi1_3850973_x17	.....aUaucggguucgauucc	1
Gi1_3847335_x17	.....uAguucucacccaacagauccg	1
Gi3_26882054_x17	.....gguucgauuuccggGgcccggagc	1
Gi3_26896538_x17	.....uccggcgCaguauaacggc	1
Gi5_8321479_x17	.....uccggcguNguauaacggc	1
Gi3_26876937_x17	.....uccggcguaguauaacggcCagaau	1
Gi3_26882904_x17	.....guucgauuuccggcgccUga	1
Gi3_26882003_x17	.....gguucgGuuccggcgccg	1
Gi2_10232636_x17	.....uccggUguaguauaacggcuaga	1
Gi5_8319592_x17	.....uccgUcguaguauaacgg	1
Gi3_26893376_x17	.....guucgauuuccggcgccgAa	1
Gi3_26907112_x17	.....gcuaguauaacggcuagaa	0
Gi2_10240048_x17	.....uccggcguaguauaacAgc	1
Gi4_508099_x17	.....Uuucgauuuccggcgccg	1
Gi1_3848661_x17	.....ggCucucacccaacagauccg	1
Gi3_26889806_x17	.....uucucacccaacagaCccg	1
Gi3_26909917_x17	.....guucgauuuccggcgAgg	1
Gi3_26878246_x17	.....gguucgUuuccggcgccggagc	1
Gi5_8308066_x17	.....uccggcguaguauaaUggcuag	1
Gi5_8311296_x17	.....uccggcguaguauaGcggc	1
Gi1_3850395_x17	.....guucucacccaacagGuccg	1
Gi5_8310820_x17	.....guucgauuUccggcgccg	1
Gi5_8315223_x17	.....gAucgauuuccggcgccg	1

Gi3_26896844_x17.....	guucgauUccggcgccgg.....	1
Gi5_8310769_x17.....	caacagauccggguucgauccccggcgccg.....	0
Gi1_3848746_x17.....	guucgaCuccggcgccggagc.....	1
Gi3_26877923_x17.....	guucgauAccggcgccgg.....	1
Gi1_3846808_x17.....	guucgauAccggcgccgg.....	1
Gi2_10243414_x17.....	guucgauUcggcgccgg.....	1
Gi1_3847658_x17.....	uccggcguaguauaacggcuaU.....	1
Gi5_8308746_x17.....	guucucGcccaacagauccg.....	1
Gi5_8311126_x17.....	uccggcguaguauaGcggcuagaau.....	1
Gi3_26903763_x17.....	guucgauccccggcgccggagcga.....	1
Gi2_10247120_x17.....	uccggcguUguauaacggcuaga.....	1
Gi2_10238093_x17.....	uGcggcguaguauaacggcuag.....	1
Gi2_10239453_x17.....	Auucgauccccggcgccgga.....	1
Gi5_8313914_x17.....	Gccggcguaguauaacggcu.....	1
Gi5_8316906_x17.....	uccggcguaguauaacggcuCg.....	1
Gi3_26912263_x17.....	Ugguucgauccccggcgccggag.....	1
Gi5_8319694_x17.....	guucgauccccggcgUgg.....	1
Gi4_506824_x17.....	uccggcguaguauaacggc.....	0
Gi5_8318266_x17.....	aUauccggguucgauuccc.....	1
Gi3_26892560_x17.....	gguucucacccaacagCuccg.....	1
Gi2_10229746_x17.....	gguucgauccccggcgAcg.....	1
Gi1_3854747_x17.....	gguucgauccccggUgccgg.....	1
Gi3_26901825_x17.....	gguucgauccccggAgccgga.....	1
Gi1_3848525_x17.....	guucgauccccggcgGgg.....	1
Gi3_26935261_x16.....	gguucgauccccgAcgcccggag.....	1
Gi2_10257705_x16.....	guucgauccccggcgUggagc.....	1
Gi3_26916285_x16.....	gguucgauuccGggcgccggagc.....	1
Gi3_26946093_x16.....	guucgauccccggcgccggC.....	1
Gi1a_5537341_x16.....	gUuucgauccccggcgccgga.....	1
Gi2_10267577_x16.....	Cguucgauccccggcgccg.....	1
Gi5_8336528_x16.....	Aguucgauccccggcgccgg.....	1
Gi3_26942973_x16.....	gguucucacccaacagauccg.....	1
Gi1_3862977_x16.....	guucgauuccAgggcggcgg.....	1
Gi5_8335344_x16.....	uccAgcguaguauaacgg.....	1
Gi3_26943453_x16.....	gguucgauCccccggcgccgg.....	1
Gi2_10268377_x16.....	guucgauccccggcgAcggagc.....	1
Gi3_26942173_x16.....	uccAgcguaguauaacgg.....	1
Gi2_10261641_x16.....	uGcggcguaguauaacggcuagaau.....	1
Gi2_10269849_x16.....	guucgauccccggcgGcggagc.....	1
Gi2_10261465_x16.....	gguucgauuccAgcgcc.....	1
Gi3_26926957_x16.....	uucucaccNaacagauccg.....	1
Gi3_26921389_x16.....	uGcggcguaguauaacggcuagaa.....	1
Gi1_3861857_x16.....	gCucucacccaacagauccg.....	1
Gi3_26931325_x16.....	uccggcguaguauaacgCcuaga.....	1
Gi3_26942061_x16.....	gUuucucacccaacagaucc.....	1
Gi3_26922189_x16.....	Uguucucacccaacagaucc.....	1
Gi3_26936845_x16.....	gguucCcacccaacagauccg.....	1

Gi3_26942765_x16.....	gAucgauucccgcgccggagc.....	1
Gi1_3858497_x16.....	gguucucacccaCagauccg.....	1
Gi5_8325104_x16.....	uccggcguagCauaacggcuag.....	1
Gi2_10256553_x16.....	uccggcCuaguauaacggcuaga.....	1
Gi5_8323536_x16.....	gguucucacccaacagauUg.....	1
Gi3_26950013_x16.....	gguucucacccaacGgauccg.....	1
Gi2_10259961_x16.....	uccgUcguaguauaacggc.....	1
Gi2_10252361_x16.....	gguucgUuucccgcgccggagc.....	1
Gi5_8327520_x16.....	guAcgauucccgcgccg.....	1
Gi3_26921565_x16.....	ggAucgauucccgcgccg.....	1
Gi1_3861985_x16.....	guucgauucAcggcgccgg.....	1
Gi3_26919165_x16.....	ggCucgauucccgcgccgg.....	1
Gi2_10256521_x16.....	gguucgauucccgcgccAga.....	1
Gi5_8323808_x16.....	guucgauucUcggcgccg.....	1
Gi3_26935277_x16.....	gAucgauucccgcgccgga.....	1
Gi1_3861793_x16.....	Uguucgauucccgcgcc.....	1
Gi1_3861281_x16.....	uucucGcccaacagauccg.....	1
Gi2_10263641_x16.....	guAcgauucccgcgccgg.....	1
Gi1_3856657_x16.....	gCucgauucccgcgccgga.....	1
Gi3_26948301_x16.....	gAucgauucccgcgccgg.....	1
Gi1_3860929_x16.....	guucucacccaacGgauccg.....	1
Gi2_10260585_x16.....	gguucucanccaacagauccg.....	1
Gi5_8337504_x16.....	Aguucgauucccgcgccggag.....	1
Gi5_8335312_x16.....	uccggcguNguauaacgg.....	1
Gi3_26920877_x16.....	guucgauAcccgcgccgga.....	1
Gi5_8333760_x16.....	ggCucgauucccgcgccg.....	1
Gi3_26944653_x16.....	uccggcguaguauaacggcuGgaa.....	1
Gi1_3858945_x16.....	gguucgauucccgAcgccg.....	1
Gi1_3858289_x16.....	gguucgGuucccgcgccgg.....	1
Gi5_8333488_x16.....	uccggcguaguauaacggcuaAa.....	1
Gi2_10263561_x16.....	gguucgauuccGggcgccggagc.....	1
Gi3_26941533_x16.....	guucgauucUcggcgccgga.....	1
Gi3_26945757_x16.....	uccggcguaguauaGcggcuagaa.....	1
Gi2_10266009_x16.....	uccggcguaguauaacggcuCga.....	1
Gi1_3857777_x16.....	gguucgCuucccgcgccgg.....	1
Gi2_10267337_x16.....	aUaaugguugguucucacc.....	1
Gi2_10258249_x16.....	gguucgaCucccgcgccg.....	1
Gi3_26930301_x16.....	uucucacccaacagGuccg.....	1
Gi3_26919517_x16.....	cUgguucgauucccgcgccgga.....	1
Gi5_8324224_x16.....	uccggcguaguauaacAgc.....	1
Gi1_3855969_x16.....	uucucacccaacagGuccgg.....	1
Gi3_26925405_x16.....	gguucgauucccgAgccg.....	1
Gi3_26932605_x16.....	gguucgauucccgcgccggaA.....	1
Gi5_8331232_x16.....	Auucgauucccgcgccgga.....	1
Gi3_26947453_x16.....	uccggcguCguauaacgg.....	1
Gi5_8335584_x16.....	guucgauucccgUgcccg.....	1
Gi1_3862593_x16.....	ugguucucacccaCagauccg.....	1

Gi1_3860049_x16.....	.uCcucacccaacagauccgg.....	1
Gi1_3857521_x16.....	.uccggcguGguauaacgg.....	1
Gi2_10275640_x15.....	.....gCucgauucccgccg.....	1
Gi3_26969215_x15.....	.....guAcgauucccgccgagc.....	1
Gi2_10287145_x15.....	.....guucgauucccgccgA.....	1
Gi5_8346857_x15.....	.....gguucgauNcccggcgc.....	1
Gi3_26981320_x15.....	.....ggCucgauucccgcc.....	1
Gi1_3867872_x15.....	.....guucucacNcaacagauccgg.....	1
Gi2_10279780_x15.....	.....ucUggcguaguauaacggcua.....	1
Gi5_8350472_x15.....	.....uUcggcguaguauaacggcua.....	1
Gi2_10287895_x15.....	.....guucAauucccgccg.....	1
Gi2_10273030_x15.....	.....guucgGuucccgccgga.....	1
Gi1a_5544824_x15.....	.....Uuucgauucccgccgagc.....	1
Gi3_26960050_x15.....	.....guucgauuAccggcgcgagc.....	1
Gi1_3872252_x15.....	.....gguucucacccGacagauccg.....	1
Gi5_8338427_x15.....	.....uucucacccaacGgauccg.....	1
Gi5_8344892_x15.....	.....ucucacccGacagauccg.....	1
Gi3_26955550_x15.....	.....Gccggcguaguauaacggcu.....	1
Gi5_8345297_x15.....	.....ggGucucacccaacagauccg.....	1
Gi5_8351162_x15.....	.....cCcacccaacagauccgg.....	1
Gi1_3866552_x15.....	.....uggCucucacccaacagauccgg.....	1
Gi3_26975290_x15.....	.....guucgauuUcggcgcgagc.....	1
Gi3_26954470_x15.....	.....gguucgauuGccggcgcgagc.....	1
Gi3_26968030_x15.....	.....uucucacccaacGgauccg.....	1
Gi3_26988265_x15.....	.....gguucucacccGacagauccg.....	1
Gi2_10281595_x15.....	.....uccAgcguaguauaacggcuaga.....	1
Gi1a_5552324_x15.....	.....gUuucgauucccgcc.....	1
Gi1_3869582_x15.....	.....uccggcguaguauaacggcuG.....	1
Gi1_3870362_x15.....	.....ggGucgauucccgccg.....	1
Gi3_26977105_x15.....	.....cagauccggguucgauucccgccgagc.....	0
Gi3_26983810_x15.....	.....gguucgauuccUgcccggag.....	1
Gi5_8341367_x15.....	.....uccggcguagCauaacggc.....	1
Gi2_10292530_x15.....	.....guucgauucccgccAccggagc.....	1
Gi3_26953060_x15.....	.....guucUauucccgccgagc.....	1
Gi2_10288225_x15.....	.....uUguucucacccaacagaucc.....	1
Gi2_10281325_x15.....	.....gAuucgauucccgccgag.....	1
Gi2_10291690_x15.....	.....ggCucgauucccgccgag.....	1
Gi3_26957575_x15.....	.....Auucgauucccgccg.....	1
Gi1_3870467_x15.....	.....uccggcguaguauaacAg.....	1
Gi3_26977270_x15.....	.....gguucucacUcaacagauccg.....	1
Gi3_26953450_x15.....	.....guucgauucccgccCg.....	1
Gi5_8339057_x15.....	.....gguucgauuccAgcccgga.....	1
Gi3_26978710_x15.....	.....acagauccggguucgauucccgccgga.....	0
Gi3_26988595_x15.....	.....guucucacNcaacagauccg.....	1
Gi3_26961715_x15.....	.....uccAgcguaguauaacggc.....	1
Gi4_510572_x15.....	.....uccggcguaguauaacggcuaga.....	0
Gi1_3865502_x15.....	.....uccggcgcCaguauaacgg.....	1

Gi5_8351762_x15	gUuucucacccaacagauc	1
Gi3_26985805_x15	guucgauUccggcgccggag	1
Gi5_8352632_x15	uccggcguaguauCacgg	1
Gi2_10291720_x15	guucgauAcccgcgccggagc	1
Gi1_3870317_x15	gCuucgauucccgcgccgg	1
Gi1_3868877_x15	uccggcguaguauaacgAcuag	1
Gi1_3867737_x15	Cguucucacccaacagauccg	1
Gi3_26972620_x15	gguucgauuccAggcgcggga	1
Gi3_26986555_x15	Gguuucucacccaacagauc	1
Gi5_8349707_x15	guucgauucccgAgccgg	1
Gi1_3872102_x15	uccggcguaguGuaacggcuag	1
Gi3_26987620_x15	uccggcguaguauaacgAcuagaau	1
Gi3_26992975_x15	uUcggcguaguauaacggcuagaau	1
Gi5_8338577_x15	guucgauucccAgcgccgg	1
Gi5_8354912_x15	gguucgauucccgcgUggagc	1
Gi2_10293895_x15	gguucgGuucccgcgccggag	1
Gi3_26957860_x15	uucCcacccaacagauccg	1
Gi2_10277185_x15	uccggcguaguaCaacggcuaga	1
Gi2_10274605_x15	guCcgauucccgcgccg	1
Gi2_10284595_x15	guucgauucccgUgcccgg	1
Gi3_26966755_x15	gCuucgauucccgcgccg	1
Gi2_10291435_x15	ugguucucNcccaacagauccg	1
Gi2_10294195_x15	uucucacccaCagauccg	1
Gi5_8340467_x15	guucgauucccgcgccCg	1
Gi3_26986465_x15	guucgauucccgcgAggagc	1
Gi5_8344007_x15	gguucgauucccgUgcccggagc	1
Gi2_10287565_x15	guGcgauucccgcgccggagc	1
Gi3_26966170_x15	uccggcguaguGuaacggcuagaau	1
Gi3_26952685_x15	gguucgauUccggcgccgga	1
Gi1_3867422_x15	uccggcguaguauaacggcC	1
Gi5_8359135_x14	ggCucgauucccgcgccgga	1
Gi3_27009573_x14	guucgauucccgcgAgcgagc	1
Gi1_3873118_x14	gguucucacccaacagaCccg	1
Gi3_27012527_x14	uccggcguaguauaCcggcua	1
Gi5_8360829_x14	gguucgauucccUgcccggagc	1
Gi5_8363755_x14	gguucAauucccgcgccg	1
Gi2_10313039_x14	guucgauucccgcgUg	1
Gi3_27007347_x14	Cccggcguaguauaacggcuagaau	1
Gi5_8359835_x14	uccggcguaguauaacAgcuagaau	1
Gi3_26998135_x14	uucucaccNaacagauccgg	1
Gi2_10316595_x14	gAuucgauucccgcgcc	1
Gi5_8368683_x14	uccgUcgaguauaacggcuua	1
Gi5_8365309_x14	cgaguauaacggcuagaugguugguuc	0
Gi5_8363433_x14	Cuucgauucccgcgccgga	1
Gi3_27011939_x14	uucucacccaGcagauccg	1
Gi3_27000277_x14	uucgauucccgcgccggCgc	1
Gi3_27005163_x14	guucgauucccgcgccgAagc	1

Gi3_27016139_x14.....	..gguUGauuucccgcgccgga.....	1
Gi5_8363685_x14.....	..gguucgauucccgcgccggagU.....	1
Gi3_26999759_x14.....	..gguucgauucccgUgccg.....	1
Gi3_27004211_x14.....	..gguucgauucccgcgUcggag.....	1
Gi5_8356405_x14.....	..gguucgauucccAgcgccg.....	1
Gi3_27036425_x14.....	..ugguucucacccaacagauccggguucga.....	0
Gi3_27012821_x14.....	..gCucgauuucccgcgccg.....	1
Gi1_3882092_x14.....	..guucucacccaacagGuccgg.....	1
Gi3_27000333_x14.....	..gguucgauucccgcgccCgagc.....	1
Gi3_27002125_x14.....	..gguucgauucccgcgAcgg.....	1
Gi2_10308545_x14.....	..uccggUguaguauaacggcua.....	1
Gi1_3875372_x14.....	..gguucgauucccgAccgg.....	1
Gi5_8368865_x14.....	..ggCucgauucccgcgcc.....	1
Gi5_8371357_x14.....	..uccggcguaguauaGcggcua.....	1
Gi5_8366779_x14.....	..uccggcguaguaCaacggcuag.....	1
Gi2_10313193_x14.....	..guucgauucccgcgccA.....	1
Gi2_10304737_x14.....	..uccggcguaguauaacggcuagGau.....	1
Gi1_3877304_x14.....	..uucucacccaacagGuccg.....	1
Gi3_27021501_x14.....	..guGcgauuucccgcgccggag.....	1
Gi2_10301433_x14.....	..uccggcguaguGuaacggc.....	1
Gi1a_5558613_x14.....	..Gucucacccaacagauccg.....	1
Gi3_27036271_x14.....	..uccggcguaguauaacggcuaUa.....	1
Gi1_3873146_x14.....	..uucucGcccaacagauccgg.....	1
Gi3_27008271_x14.....	..guucucacccaacagauccggguucgau.....	0
Gi1_3878970_x14.....	..ugguucucaccccCacagauccgg.....	1
Gi3_27018169_x14.....	..guuUgauuucccgcgccggagc.....	1
Gi2_10308713_x14.....	..ucUggcguaguauaacggcuagaa.....	1
Gi2_10316175_x14.....	..guucgauuucccgcgccgAagc.....	1
Gi5_8362635_x14.....	..gguucgauucccgcgccggGg.....	1
Gi3_27023615_x14.....	..uucucGcccaacagauccg.....	1
Gi1_3877780_x14.....	..ggCucgauuucccgcgccggagc.....	1
Gi5_8358995_x14.....	..gCucgauuucccgcgccgga.....	1
Gi3_27010399_x14.....	..ggNucgauuucccgcgccggagc.....	1
Gi1_3876772_x14.....	..gguucucacccaacagCuccg.....	1
Gi2_10296631_x14.....	..guucgauuNccggcgccg.....	1
Gi1a_5559747_x14.....	..uccggcguaguauaacgAcuagaau.....	1
Gi3_27021445_x14.....	..uccggcguaguauaGcgguagaa.....	1
Gi3_27015145_x14.....	..gguucgauAcccgcgccggag.....	1
Gi2_10305815_x14.....	..gcguaguauaacggcuagaa.....	0
Gi5_8362173_x14.....	..uccggcguaguauaacggcCa.....	1
Gi5_8369299_x14.....	..Cccggcguaguauaacgg.....	1
Gi1_3874140_x14.....	..Cucucacccaacagauccgg.....	1
Gi2_10297023_x14.....	..gguucgauCcccgcgccgga.....	1
Gi5_8367703_x14.....	..guucucacccaacCgauccg.....	1
Gi5_8365687_x14.....	..uGcgggcguaguauaacggcuagaa.....	1
Gi5_8372561_x14.....	..guGcgauuucccgcgccgg.....	1
Gi3_27006577_x14.....	..uCcucacccaacagauccgg.....	1

Gi3_27037237_x14.....gguucucacccaCcagaucgg.....1
 Gi3_27005429_x14.....gCuucgauucccgcgccgg.....1
 Gi3_27000123_x14.....gguucgauucccgcgccgAa.....1
 Gi3_27029817_x14.....uccggcgGaguauaacggcuaga.....1
 Gi5_8359107_x14.....uccggcgCaguauaacggcuagaau.....1
 Gi5_8363377_x14.....gguucgCuucccgcgccg.....1
 Gi5_8365253_x14.....Cguucgauucccgcgccgga.....1
 Gi3_27002881_x14.....uccNgcguaguauaacggcuaga.....1
 Gi3_27014207_x14.....uccggcgUguauaacggc.....1
 Gi2_10303701_x14.....uccggcgUguauaacggcuag.....1
 Gi2_10306039_x14.....guucgauucccgAgccggagc.....1
 Gi3_27005527_x14.....uccUgcguaguauaacggcuaga.....1
 Gi3_27019345_x14.....guucgauuccAgcgccgg.....1
 Gi5_8360045_x14.....gAuucgauucccgcgccg.....1
 Gi3_27024385_x14.....uccggcgaguauaCcg.....ugguucucacccaacagaCccg.....1
 Gi1_3880440_x14.....1
 Gi3_27022649_x14.....guucgauucccgcgCcgagc.....1
 Gi3_27006661_x14.....guCcuacccaacagaucgg.....1
 Gi3_27001719_x14.....gAuucgauucccgcgcc.....1
 Gi3_27029341_x14.....uucgauucccgcgccgC.....1
 Gi3_26999605_x14.....gguucgauuccUggcgccgg.....1
 Gi2_10298059_x14.....guucgauUccggcgccgg.....1
 Gi3_27015621_x14.....guGcgauucccgcgccggagc.....1
 Gi3_27039015_x13.....gguucgauUccggcgccgg.....1
 Gi3_27075623_x13.....Gguccggcgaguauaacggcuagaau.....1
 Gi1_3886073_x13.....Gccggcgaguauaacggcu.....1
 Gi3_27084086_x13.....gguucucacccaacagauCg.....1
 Gi3_27063494_x13.....uGgauucccgcgccggag.....1
 Gi1_3882914_x13.....guucucGcccaacagaucgg.....1
 Gi5_8373884_x13.....gguucgauucccgcgccAgagc.....1
 Gi1_3885072_x13.....uccggcgaguauaacggcuagU.....1
 Gi3_27044670_x13.....guucgauUccggcgccggagc.....1
 Gi5_8373143_x13.....uccggcgaguauaacggcuagGau.....1
 Gi3_27064742_x13.....Gucacccaacagaucgg.....1
 Gi3_27038209_x13.....uccggcgaguauaacggcuAaau.....1
 Gi1_3889024_x13.....ugguucucacccGacagaucgg.....1
 Gi2_10338106_x13.....gCuucgauucccgcgccggag.....1
 Gi3_27065496_x13.....gUuucucacccaacagaucgg.....1
 Gi5_8380410_x13.....guucgauucccgcgGcgg.....1
 Gi2_10332919_x13.....aUauccggguucgauucc.....1
 Gi4_514174_x13.....Uguucgauucccgcgccggagc.....1
 Gi3_27065327_x13.....guucgGuucccgcgccg.....1
 Gi2_10338912_x13.....guucgaGucccgcgccggagc.....1
 Gi1_3891182_x13.....guucucacccGacagaucgg.....1
 Gi1_3887464_x13.....ugguucCacccaacagaucgg.....1
 Gi3_27072802_x13.....gguucgauuccCcgcgccggagc.....1
 Gi5_8373910_x13.....ggGucgauucccgcgccg.....1

Gi5_8373351_x13.....	gguucgauucccggcgcggG.....	1
Gi3_27069760_x13.....	uccggcguaguauaCcggc.....	1
Gi3_27067030_x13.....	gguuAgauucccggcgcggga.....	1
Gi1_3891559_x13.....	Ugcguaguauaacggcuag.....	1
Gi3_27043669_x13.....	guucgauuccAggcgcggga.....	1
Gi2_10321648_x13.....	guucgauucccggcgcggagU.....	1
Gi1_3892261_x13.....	guucgauucccggcgcggU.....	1
Gi2_10322532_x13.....	gguucgauucccggcgcggagcgA.....	1
Gi3_27067238_x13.....	uccggcguaguauaacgUcuaga.....	1
Gi3_27052301_x13.....	gguucgauucccggcgcAggag.....	1
Gi3_27046542_x13.....	gguuGgauucccggcgcggag.....	1
Gi3_27062818_x13.....	gguucgauuccUggcgcc.....	1
Gi5_8389601_x13.....	gguucgaCucccggcgcg.....	1
Gi3_27047153_x13.....	uccggcAuaguauaacggcua.....	1
Gi2_10322298_x13.....	gguucgauucccggcAccgga.....	1
Gi1a_5572419_x13.....	gUuucgauucccggcgcgg.....	1
Gi3_27060023_x13.....	uccggcguaguauaacggcuagaC.....	1
Gi5_8382022_x13.....	guucgauucccggcgcggCgc.....	1
Gi2_10336663_x13.....	Cucucaccaacagauccg.....	1
Gi2_10330592_x13.....	guucgauucccggcgcgggaAc.....	1
Gi5_8385987_x13.....	uccggcguaguauaacggcuagaaC.....	1
Gi3_27056617_x13.....	uccggcguaguauaacggAua.....	1
Gi1_3891845_x13.....	ugUuucucaccaacagauccgg.....	1
Gi1_3888413_x13.....	ggGucucaccaacagauccg.....	1
Gi3_27079484_x13.....	guucgauuNccggcgccgga.....	1
Gi5_8376679_x13.....	gguucgauucccggcgcgggaUc.....	1
Gi3_27077092_x13.....	guucgauucccggcgcggagA.....	1
Gi3_27050338_x13.....	gguucucaNccaacagauccg.....	1
Gi1_3892781_x13.....	guucgauucccggcgcggagcU.....	1
Gi2_10322402_x13.....	gguucgauucccggcgcggCagc.....	1
Gi2_10336390_x13.....	ggCucgauucccggcgcg.....	1
Gi2_10328811_x13.....	uccggcguaguauaacggU.....	1
Gi3_27059763_x13.....	uccggcguCguauaacggc.....	1
Gi3_27075558_x13.....	uccggcguaguauaacggcCag.....	1
Gi3_27058840_x13.....	guucgCuucccggcgcggagc.....	1
Gi3_27057319_x13.....	gguucgauucccggcgcggA.....	1
Gi3_27063065_x13.....	gguucgauuccUggcgccg.....	1
Gi3_27048310_x13.....	guucgauucccggcgcgg.....	1
Gi1_3885592_x13.....	gguucUauucccggcgcggagc.....	1
Gi3_27059906_x13.....	gguucgauucccggcgcAgag.....	1
Gi2_10324222_x13.....	Cguucgauucccggcgcg.....	1
Gi3_27042083_x13.....	uccggcguaguGuaacggcuagaa.....	1
Gi2_10342500_x13.....	guucucaccaCcagauccg.....	1
Gi1_3885293_x13.....	guucgauucccggcgcAgagc.....	1
Gi3_27045437_x13.....	uccggcguagCauaacggcua.....	1
Gi2_10324599_x13.....	guucgauuccAgcgccgga.....	1
Gi1_3884643_x13.....		

Gi2_10328044_x13.....	.uccggcguaguauaacAgcuagaau.....	1
Gi5_8380748_x13.....	.uucucacccaacagGuccg.....	1
Gi5_8373858_x13.....	.Cguucgauucccggcgcgg.....	1
Gi1a_5576280_x13.....	.uccggcguaguauaacggcu.....	0
Gi3_27043162_x13.....	.gguucgauucccggcgcGggagc.....	1
Gi3_27052756_x13.....	.gguucgauucccggcgUcg.....	1
Gi3_27051573_x13.....	.uccgUcguaguauaacggcuag.....	1
Gi3_27062961_x13.....	.guucgauCcccggcgcggag.....	1
Gi3_27059126_x13.....	.gCuucucacccaacagauccg.....	1
Gi1_3885540_x13.....	.guuNgauucccggcgcgg.....	1
Gi2_10333738_x13.....	.uccggcguaguGuaacggcu.....	1
Gi3_27077807_x13.....	.Auucucacccaacagauccg.....	1
Gi3_27063572_x13.....	.gguucucGcccaacagauccg.....	1
Gi5_8376926_x13.....	.gguucgauUccgggcgcg.....	1
Gi5_8385636_x13.....	.guAcgauucccggcgcgg.....	1
Gi5_8383855_x13.....	.guucgauucUcgggcgcgg.....	1
Gi5_8384674_x13.....	.gguucgauucccggcgAcggagc.....	1
Gi5_8382412_x13.....	.gguucucaccUaacagauccg.....	1
Gi2_10332256_x13.....	.gguAcgauucccggcgcggagc.....	1
Gi5_8381086_x13.....	.guucCcacccaacagauccg.....	1
Gi4_513719_x13.....	.guucgauucccggcgcg.....	0
Gi5_8390368_x13.....	.guucgauucccgUcgccgg.....	1
Gi2_10367230_x12.....	.guucgauucccAgcgcgg.....	1
Gi3_27097293_x12.....	.gguucucacccaacagaCccg.....	1
Gi2_10356154_x12.....	.ggGucgauucccggcgcggga.....	1
Gi5_8399538_x12.....	.Accggcguaguauaacggcuag.....	1
Gi1_3902258_x12.....	.gguucucGcccaacagauccg.....	1
Gi2_10359070_x12.....	.Cuucgauucccggcgcggag.....	1
Gi3_27124785_x12.....	.gguucgauucccgUgcccgg.....	1
Gi3_27096909_x12.....	.guucgauucccggcgGcgg.....	1
Gi1_3896822_x12.....	.uccggcguaguGuaacgg.....	1
Gi5_8406918_x12.....	.uccggcguaguauaacggcuG.....	1
Gi3_27106473_x12.....	.Accggcguaguauaacggc.....	1
Gi3_27088305_x12.....	.gguucgauucccggcgcUgg.....	1
Gi3_27092649_x12.....	.uccggcAuaguauaacgg.....	1
Gi5_8401914_x12.....	.Uuucgauucccggcgcggag.....	1
Gi5_8404434_x12.....	.gCucgauucccggcgcggagc.....	1
Gi2_10361794_x12.....	.Aguucucacccaacagauccg.....	1
Gi5_8400042_x12.....	.gAuucgauucccggcgcggga.....	1
Gi5_8407074_x12.....	.gguucgauucccggcgcAggagc.....	1
Gi2_10344394_x12.....	.guucgauucccggcAcggga.....	1
Gi2_10349386_x12.....	.gAucgauucccggcgcggagc.....	1
Gi5_8393478_x12.....	.gguucgCuucccggcgcggagc.....	1
Gi2_10364326_x12.....	.gguucgauucccgGgcccggagc.....	1
Gi1_3900650_x12.....	.guucgauucccCgcgcgg.....	1
Gi2_10359730_x12.....	.uucucacccaacagGuccg.....	1
Gi3_27117369_x12.....	.gguucgauucccggcgcAg.....	1

Gi3_27094065_x12.....	.uccggcguaguCuaacggc.....	1
Gi1_3899774_x12.....	.uGcgauuccggcgccgg.....	1
Gi5_8401218_x12.....	.gUuucgauuccggcgccggagcgu.....	1
Gi2_10353190_x12.....	.gguucgauuccUggcgcc.....	1
Gi3_27112941_x12.....	.gguucgaAuuccggcgccggagc.....	1
Gi2_10345018_x12.....	.guucgauuNccggcgccggag.....	1
Gi1_3897482_x12.....	.guucgaGuuccggcgccgg.....	1
Gi5_8395722_x12.....	.gguucgauuccggcgUgga.....	1
Gi1_3896510_x12.....	.uccggUguaguauaacggcua.....	1
Gi4_515028_x12.....	.uccggcguaguauaacggcuagaa.....	0
Gi5_8393466_x12.....	.gguucucacccaacagaucAg.....	1
Gi5_8401998_x12.....	.guucucaccUaacagauccg.....	1
Gi5_8401710_x12.....	.uGucacccaacagauccg.....	1
Gi2_10356202_x12.....	.gGuuccggcgccggagc.....	1
Gi5_8400198_x12.....	.uccggcgCaguauaacggcuag.....	1
Gi3_27101517_x12.....	.gguucucacccaacagGuccg.....	1
Gi3_27104649_x12.....	.uucCcacccaacagauccgg.....	1
Gi3_27110877_x12.....	.guucgauuccggcgccAgag.....	1
Gi1_3898454_x12.....	.guucucacccaacGgauccgg.....	1
Gi3_27122361_x12.....	.gguucgauuUccggcgccg.....	1
Gi3_27126693_x12.....	.guucgauucccCgcgccggagc.....	1
Gi3_27131349_x12.....	.guucgauuUccggcgccgga.....	1
Gi3_27103185_x12.....	.uccggcguaguauaacAgcuagaa.....	1
Gi2_10363918_x12.....	.gguucgCuuccggcgccggag.....	1
Gi3_27118293_x12.....	.guucUauuccggcgccggag.....	1
Gi1_3901406_x12.....	.uccggcguaguauaacggU.....	1
Gi3_27117957_x12.....	.guucucacccaacCgauccg.....	1
Gi5_8396058_x12.....	.ggcguaguauaacggcua.....	0
Gi3_27126453_x12.....	.gUuucucacccaacagauccgggu.....	1
Gi3_27109329_x12.....	.uccggcguaguauaaAggcua.....	1
Gi5_8394810_x12.....	.guucgauucccgAcgcccgg.....	1
Gi3_27102801_x12.....	.uccggcguUguauaacggcua.....	1
Gi2_10347886_x12.....	.uGcggcguaguauaacggcuagaa.....	1
Gi1_3894194_x12.....	.uCguucucacccaacagauccgg.....	1
Gi2_10344010_x12.....	.guuUgauuccggcgccg.....	1
Gi5_8406114_x12.....	.Gugguucucacccaacagauccg.....	1
Gi3_27101049_x12.....	.ugguucucNcccaacagauccg.....	1
Gi5_8404902_x12.....	.gguucgauuccggcgccggCg.....	1
Gi5_8404566_x12.....	.gguucgaCuuccggcgccgg.....	1
Gi3_27113469_x12.....	.uUgauuccggcgccggagc.....	1
Gi2_10365874_x12.....	.gguNcgauuccggcgccggagc.....	1
Gi1_3895478_x12.....	.uccggcguaguauaacggcuagaaA.....	1
Gi5_8402034_x12.....	.guucgauuccggcgCagg.....	1
Gi1_3898814_x12.....	.uccggcguaguauaaUggcuaga.....	1
Gi3_27087333_x12.....	.caacagauccggguucgauuccggcgccgg.....	0
Gi1_3897170_x12.....	.uucCcacccaacagauccgg.....	1
Gi1_3895370_x12.....	.gguucgauucccAgcggccg.....	1

Gi1_3895874_x12.....	.uucucacccaacaAauccgg.....	1
Gi5_8400306_x12.....	.guucgauucccgggcAgc.....	1
Gi2_10354426_x12.....	.gguucgGuucccgggcggga.....	1
Gi3_27108045_x12.....	.uucucaccaGcagaucgg.....	1
Gi5_8392722_x12.....	.guucucacccaacagaCccg.....	1
Gi3_27103977_x12.....	.Gugguucucacccaacagaucc.....	1
Gi5_8408574_x12.....	.uUcggcguaguauaacggc.....	1
Gi5_8406570_x12.....	.uccggcguaguGuaacggcuagaau.....	1
Gi5_8392854_x12.....	.uccggcguaguauCacggcua.....	1
Gi3_27117285_x12.....	.gguucgauucAcggcgccggag.....	1
Gi3_27105573_x12.....	.uccggcguaguauaacggcuagCa.....	1
Gi3_27093009_x12.....	.gguucgauucccgggcgcggU.....	1
Gi5_8401206_x12.....	.uccggcguaguaCaacggcua.....	1
Gi5_8394774_x12.....	.guucgauucccgggcAg.....	1
Gi1_3897854_x12.....	.guucgauuccUgcccgg.....	1
Gi3_27097029_x12.....	.gguucgauucccgggcAcc.....	1
Gi2_10348270_x12.....	.uCcucacccaacagaucgg.....	1
Gi5_8392002_x12.....	.uccggUguaguauaacgg.....	1
Gi2_10354906_x12.....	.guucgauuccAgcggcgg.....	1
Gi5_8404698_x12.....	.uucCcacccaacagaucgg.....	1
Gi1_3900710_x12.....	.uccggcguaguauaacAgcuaga.....	1
Gi3_27113829_x12.....	.Accggcguaguauaacggcua.....	1
Gi1_3902114_x12.....	.uccggcguaguauaGcggcua.....	1
Gi3_27123429_x12.....	.guucgauucccgggcgcggagU.....	1
Gi2_10350382_x12.....	.Auucgauucccgggcggc.....	1
Gi5_8400258_x12.....	.uccggcguaguauaacgAc.....	1
Gi5_8403234_x12.....	.gguucgauucccgggcUcggagc.....	1
Gi1_3899882_x12.....	.ccggcguGguauaacggcuag.....	1
Gi3_27127785_x12.....	.guucgauucccgggcggcggagcU.....	1
Gi5_8407494_x12.....	.guucgauucccgggcUcggagc.....	1
Gi5_8404746_x12.....	.uccggUguaguauaacggcuaga.....	1
Gi2_10355794_x12.....	.uccggcguaguauaacggcuagGa.....	1
Gi1_3893738_x12.....	.guucucacccaacagauccAg.....	1
Gi3_27148716_x11.....	.uccggUguaguauaacggcuagaa.....	1
Gi5_8412951_x11.....	.guucucacccaacagauccA.....	1
Gi3_27147528_x11.....	.uccggGguaguauaacggcuaga.....	1
Gi3_27173730_x11.....	.guucgauucccgggcgcggU.....	1
Gi5_8429264_x11.....	.guucgauUccggcggc.....	1
Gi5_8425271_x11.....	.gguucucaUccaacagaucgg.....	1
Gi5_8419232_x11.....	.cucacccaacagGuccgg.....	1
Gi5_8429451_x11.....	.uUcggcguaguauaacggcuagaa.....	1
Gi3_27179087_x11.....	.uccggcguaguauCacggcuag.....	1
Gi2_10395388_x11.....	.uuUucacccaacagaucgg.....	1
Gi1_3910568_x11.....	.ugguucucacccaacagGuccgg.....	1
Gi3_27164699_x11.....	.gguucgauAcccgggcggc.....	1
Gi2_10376468_x11.....	.guucgauuccUggcggcggag.....	1
Gl1a_5613319_x11.....	.Uuucgauucccgggcggc.....	1

Gi1_3909710_x11.....	Aguucgauucccgcgccggagc.....	1
Gi2_10392935_x11.....	.gguucgaAucccgcgccggagc.....	1
Gi3_27183982_x11.....	.guucgauucccgAgccggagc.....	1
Gi1_3907873_x11.....	.guucgauucccgcgCUGga.....	1
Gi2_10393540_x11.....	.gguucgauucccgcgUc.....	1
Gi3_27173664_x11.....	.Accggcguaguauaacgg.....	1
Gi1_3908324_x11.....	.guucgauucccgcgccggagcU.....	1
Gi1_3905453_x11.....	Aguucgauucccgcgccggga.....	1
Gi2_10397588_x11.....	.gguucgauCcccgcgcc.....	1
Gi3_27137221_x11.....	.Uuucucaccaacagauccgggu.....	1
Gi3_27162972_x11.....	.Gccggguucgauucccgcgccggga.....	1
Gi3_27169121_x11.....	.gguucgauucccAgcgccgg.....	1
Gi3_27157802_x11.....	.ugguucucaccaacGgauccg.....	1
Gi2_10389547_x11.....	.ccggcguaguauaacggcuagaau.....	0
Gi3_27145449_x11.....	.gguucucaccaacagauccA.....	1
Gi5_8420024_x11.....	.gguucgauucccgcgccA.....	1
Gi2_10392671_x11.....	.ggCucucaccaacagauccg.....	1
Gi1_3915661_x11.....	.uccggcguagCauaacgg.....	1
Gi2_10388832_x11.....	.ggAucgauucccgcgcc.....	1
Gi1_3909963_x11.....	.guucgauucccgcgccAga.....	1
Gi5_8420563_x11.....	.uccggcguaguaCaacgg.....	1
Gi3_27177382_x11.....	.guucgauuNccggcgccg.....	1
Gi3_27183586_x11.....	.guucgauucccgcgAccggag.....	1
Gi5_8413479_x11.....	.gUcguaguauaacggcuag.....	1
Gi5_8431057_x11.....	.guucgauucAcggcgccg.....	1
Gi5_8418451_x11.....	.uccggUguaguauaacggc.....	1
Gi3_27138805_x11.....	.ggGucgauucccgcgcc.....	1
Gi3_27143898_x11.....	.uccggcguaguaAaacggcuaga.....	1
Gi5_8418330_x11.....	.guGcucaccaacagauccg.....	1
Gi5_8410553_x11.....	.Accggcguaguauaacggcuaga.....	1
Gi3_27178779_x11.....	.gguucgauuAccggcgccggag.....	1
Gi5_8424138_x11.....	.Gcucaccaacagauccgg.....	1
Gi3_27157648_x11.....	.uGcgauucccgcgccgg.....	1
Gi3_27167482_x11.....	.gguucgauucccAgcgccg.....	1
Gi2_10395916_x11.....	.guucgauucccgcgccggagcgA.....	1
Gi2_10379944_x11.....	.ggGucgauucccgcgcc.....	1
Gi3_27167427_x11.....	.guucgauucccgUcgccgga.....	1
Gi2_10391230_x11.....	.cUgcguaguauaacggcua.....	1
Gi3_27150520_x11.....	.uccggcguaguauGacggc.....	1
Gi2_10394222_x11.....	.gguucgaCucccgcgccggga.....	1
Gi5_8428120_x11.....	.Gcacccaacagauccggguu.....	1
Gi2_10391307_x11.....	.Cuucgauucccgcgccg.....	1
Gi1_3907752_x11.....	.guucAauucccgcgccggga.....	1
Gi5_8414458_x11.....	.gguucgauuUccggcgccggagc.....	1
Gi2_10384421_x11.....	.uUcggcguaguauaacgg.....	1
Gi3_27156955_x11.....	.cucaccaacagauccggguucgauuccc.....	0
Gi5_8420310_x11.....	.guucgauucccgcgccgA.....	1

Gi2_10369868_x11	ucgauuccNggcgccggagc	1
Gi3_27151818_x11	uccggcguaguauaacggcuagGa	1
Gi1_3909952_x11	gguucgauuccUggcgccgg	1
Gi3_27178009_x11	Ugguucgauucccgcgccgga	1
Gi2_10396785_x11	uccggcguaguauaacggcuGg	1
Gi3_27166690_x11	Gcgauucccgcgccgga	1
Gi5_8413666_x11	uccgAcguaguauaacgg	1
Gi1_3910612_x11	Cccggcguaguauaacggcua	1
Gi3_27168615_x11	ucgauuccNggcgccggagc	1
Gi2_10371342_x11	guucgauucccgUgcccga	1
Gi2_10385290_x11	gCucgauucccgcgccggag	1
Gi3_27151873_x11	guucgauucccgcgUcggagc	1
Gi3_27144360_x11	aUaucggguucgauucc	1
Gi5_8422455_x11	gAucgauucccgcgccg	1
Gi5_8418671_x11	uccggcguaguauaacggcuagauggu	0
Gi5_8419903_x11	guuUgauucccgcgccgga	1
Gi2_10376281_x11	guucgauucccgcgccggCg	1
Gi3_27184686_x11	uccggAguaguauaacgg	1
Gi1_3908104_x11	uucucacccaGcagaucgg	1
Gi5_8423874_x11	guucgauucccgAcgcccga	1
Gi5_8426338_x11	uccggcguaguauaacAg	1
Gi3_27180517_x11	gCucucacccaacagaucgg	1
Gi5_8426822_x11	gguucgauucccgcgUg	1
Gi3_27156548_x11	uccggcguaguauaaUggcuag	1
Gi5_8415030_x11	guucucacccaacGgaucgg	1
Gi2_10383827_x11	uccggcguaguauaGcgg	1
Gi1_3914561_x11	Gcucacccaacagaucgg	1
Gi2_10381913_x11	Auucgauucccgcgccggag	1
Gi5_8418066_x11	gCuucgauucccgcgccg	1
Gi3_27145086_x11	uccggcguaguauaacggcuagCau	1
Gi3_27183509_x11	uccggcguaguauaacgAcuag	1
Gi5_8410355_x11	Uguucucacccaacagaucggguu	1
Gi3_27169869_x11	guucucacccaacagGuccg	1
Gi3_27179593_x11	guucgauuAccggcgccgga	1
Gi2_10373322_x11	guGcgauucccgcgccg	1
Gi3_27178471_x11	gguucucacccaacagauCAg	1
Gi3_27149948_x11	gUcguaguauaacggcua	1
Gi1a_5609469_x11	Gccggcguaguauaacggcuag	1
Gi5_8418286_x11	gguucgauuccUggcgccg	1
Gi2_10377293_x11	uccggcguaguauaGcggc	1
Gi3_27167878_x11	guucgCuucccgcgccgg	1
Gi2_10373432_x11	gguucgauuUccggcgcc	1
Gi5_8410993_x11	uccggcguaguGuaacggcua	1
Gi3_27172443_x11	guucgauucccgcgccgCagc	1
Gi2_10378382_x11	uccgAcguaguauaacggcuaga	1
Gi1_3910887_x11	uAcucacccaacagaucgg	1
Gi3_27165073_x11	uccggcguaguauaacggUuag	1

Gi3_27142325_x11	ccaacagauccggguucgauucccggcgcgg	0
Gi2_10377172_x11	uccggcguaguauCacggc	1
Gi1_3915683_x11	cguaguauaacggcuagaau	0
Gi2_10384201_x11	guucgauucccggcgcAgg	1
Gi3_27144250_x11	uccggcguaguauCacggcuagaau	1
Gi3_27186776_x11	uuUgauucccggcgcggagc	1
Gi5_8428219_x11	guucucacUcaacagaucgg	1
Gi5_8427636_x11	uccggcguaguGuaacggc	1
Gi1_3905156_x11	gguucgauucccggcgcAgg	1
Gi2_10387710_x11	uccggcguaguauaacAgcuag	1
Gi2_10384608_x11	uccgUcguaguauaacggcua	1
Gi3_27133789_x11	uccggcguaguaGaacggcua	1
Gi2_10397500_x11	uccggcguCguauaacggcuaga	1
Gi3_27180308_x11	guuAgauucccggcgcgg	1
Gi3_27225642_x10	uccAgcguaguauaacggcuag	1
Gi5_8444156_x10	Cuucucacccaacagaucgg	1
Gi3_27192892_x10	guucgauucccgUcgccgg	1
Gi1_3921274_x10	guCcgauucccggcgcgg	1
Gi2_10413142_x10	guucgauucccggcgcggGg	1
Gi2_10414892_x10	ggGucucacccaacagaucgg	1
Gi3_27235662_x10	uccggcCuaguauaacggcuaga	1
Gi4_520909_x10	gGucgauucccggcgcgg	1
Gi2_10415822_x10	Auucucacccaacagaucgg	1
Gi2_10415192_x10	guucucacNcaacagaucgg	1
Gi3_27205472_x10	guuUgauucccggcgcggag	1
Gi2_10419012_x10	gCuucgauucccggcgc	1
Gi2_10412482_x10	uccggcguaguCuaacggcuaga	1
Gi1_3924494_x10	ugguCcucacccaacagaucgg	1
Gi1_3926694_x10	guucCcacccaacagaucgg	1
Gi2_10407042_x10	gguucgauuccUggcgcggag	1
Gi2_10419612_x10	cUauucccggcgcggagcguuu	1
Gi3_27209772_x10	gguucgauucccggcAccg	1
Gi1_3927194_x10	gguCcucacccaacagaucgg	1
Gi2_10412472_x10	gguucAauucccggcgc	1
Gi1_3924034_x10	Ugcguaguauaacggcua	1
Gi2_10403692_x10	guucgauucccgAcgcgg	1
Gi5_8448436_x10	guucgauucccggcgcggGgc	1
Gi5_8436516_x10	gguucucacAcaacagaucggguu	1
Gi1_3927214_x10	uccggcguaguauCacggcuaga	1
Gi5_8447406_x10	guucgCuucccggcgcgg	1
Gi5_8435356_x10	gguCcgauucccggcgc	1
Gi3_27190342_x10	uccggcguCguauaacggcua	1
Gi5_8452316_x10	guucgauuNccggcgcggagc	1
Gi1_3920084_x10	Cgguucucacccaacagaucgg	1
Gi2_10427882_x10	gguucgauucccggcgcCgagc	1
Gi2_10405312_x10	guucgauucccggcgcAggagc	1
Gi5_8431736_x10	uccggcguaguauaacggcuagCau	1

Gi3_27239032_x10.....	uccggcgCaguauaacggcuagaau.....	1
Gi1_3928104_x10.....	.cGcaccacaacagauccgg.....	1
Gi5_8433596_x10.....	.uucucacccaGcagaucgg.....	1
Gi1_3926114_x10.....	Cccggcgaguauaacggcuag.....	1
Gi5_8442986_x10.....	.uccgAcguaguauaacggcuagaau.....	1
Gi2_10407172_x10.....	.....guucgauucccgAcgccggagc.....	1
Gi3_27220262_x10.....	.....guucgauucccgccC.....	1
Gi2_10411892_x10.....	.....guucgGuucccgccg.....	1
Gi3_27220922_x10.....	.....gguucgauuccUgcgccc.....	1
Gi2_10415872_x10.....	.uUcggcgaguauaacggcua.....	1
Gi2_10411452_x10.....	.uccggcgaguauaacggcCa.....	1
Gi3_27239182_x10.....	.....Gcgauucccgccgag.....	1
Gi2_10399502_x10.....	.....guucucacccaacagGuccg.....	1
Gi5_8452576_x10.....	.....gguucgauucccgAgccggagc.....	1
Gi3_27188212_x10.....	.....guucgCuucccgccgga.....	1
Gi3_27198502_x10.....	.ccggcgaguauaacggcuagaau.....	0
Gi3_27226722_x10.....	.....guucgauucccgAccggagc.....	1
Gi3_27190712_x10.....	.....gguucgauucAcggccgga.....	1
Gi3_27240502_x10.....	.....Cuucgauucccgccg.....	1
Gi5_8439896_x10.....	.uccggcAuaguauaacggcuagaau.....	1
Gi3_27204172_x10.....	.....gguucAauucccgccg.....	1
Gi3_27233622_x10.....	.....gCguucgauucccgccgagc.....	1
Gi3_27191172_x10.....	.....gguucgCuucccgccg.....	1
Gi3_27205302_x10.....	.uccggcgaguauaacggcuaCa.....	1
Gi2_10401452_x10.....	.....guucgauucccgAccg.....	1
Gi1_3920724_x10.....	.aacagauccggguucgauucccgccgagc.....	0
Gi2_10397762_x10.....	.....guucgauuUccggccgagc.....	1
Gi3_27217962_x10.....	.uccggAguaguauaacggc.....	1
Gi5_8434636_x10.....	.....ggAucgauucccgccg.....	1
Gi2_10417612_x10.....	.uccggcgaguauaGcggcua.....	1
Gi1_3917484_x10.....	.uucucacccaacagauAccg.....	1
Gi3_27217682_x10.....	.uggCucucacccaacagauccg.....	1
Gi3_27231662_x10.....	.....gguucAcacccaacagauccg.....	1
Gi2_10423752_x10.....	.uccggcgaguGuaacgg.....	1
Gi2_10409482_x10.....	.uccggcgaguauaacggAc.....	1
Gi5_8434526_x10.....	.uGcucacccaacagauccgg.....	1
Gi5_8452586_x10.....	.uggCucucacccaacagauccg.....	1
Gi3_27240962_x10.....	.....gguucucaccUaacagauccg.....	1
Gi5_8435706_x10.....	.uccggcgaguCuaacggcuag.....	1
Gi1_3917414_x10.....	.ccggcgaguauaacggcuagaa.....	0
Gi1_3923774_x10.....	.....gguucgauuUccggccg.....	1
Gi1_3926524_x10.....	.....guucucacccaCagauccgg.....	1
Gi3_27206282_x10.....	.....gguucgauucccgAcgccc.....	1
Gi2_10403512_x10.....	.....gguucgauucccgccgUagc.....	1
Gi5_8449706_x10.....	.....ucucaccccNacagauccg.....	1
Gi3_27205052_x10.....	.uUcggcgaguauaacggcuagaa.....	1
Gi2_10409192_x10.....	.....gguuUgauucccgcc.....	1

Gi1_3926564_x10.....	.guucucacccaGcagaucgg.....	1
Gi3_27217412_x10.....	.gguucgauuccAggcgcggag.....	1
Gi1_3923174_x10.....	.guucgaAucccgccgg.....	1
Gi3_27209962_x10.....	.uccggcguagGauaacggcuaga.....	1
Gi3_27189252_x10.....	.uccggcguaguGuaacggcuagaa.....	1
Gi1_3920124_x10.....	.ugguucucacUcaacagaucgg.....	1
Gi1_3928064_x10.....	.uccggcguaguauaacgAcuaga.....	1
Gi2_10412842_x10.....	.gguuUucacccaacagaucgg.....	1
Gi5_8447646_x10.....	.guucgauucAcggcgccgg.....	1
Gi3_27209272_x10.....	.guucgauucccgccggUgc.....	1
Gi3_27197082_x10.....	.guAcgauucccgccggag.....	1
Gi1_3917474_x10.....	.uccggcguaguauCacggcuag.....	1
Gi5_8448566_x10.....	.uccggcguaguauaCcgguaga.....	1
Gi3_27222292_x10.....	.uccggcguaguauaaUggcuagaa.....	1
Gi2_10403602_x10.....	.gguucCcacccaacagaucgg.....	1
Gi1_3925234_x10.....	.gCucucacccaacagaucgg.....	1
Gi1_3927234_x10.....	.uccggcguGguauaacggcuaga.....	1
Gi2_10410772_x10.....	.gguucgauucccgccgUcgg.....	1
Gi3_27222132_x10.....	.uccggcguaguauaaUggcuagaa.....	1
Gi2_10404252_x10.....	.gguucgauUccggcgccgg.....	1
Gi5_8448506_x10.....	.uccggcguaguauGacggcuagaa.....	1
Gi5_8449856_x10.....	.gguucgGuucccgccgg.....	1
Gi3_27243812_x10.....	.uccgUcguaguauaacggcuagaa.....	1
Gi5_8447776_x10.....	.ucUggcguaguauaacggcuagaa.....	1
Gi3_27204492_x10.....	.guucgauucccgAcgccgga.....	1
Gi1_3916754_x10.....	.gguucAauucccgccgg.....	1
Gi5_8451806_x10.....	.uccggcguauAuaaacggcuaga.....	1
Gi3_27204082_x10.....	.guucgauucccgccgUggagc.....	1
Gi5_8447786_x10.....	.gguucgauucccgAcgccggagc.....	1
Gi4_520139_x10.....	.gguucucacccaacagaucgg.....	0
Gi3_27210902_x10.....	.guucgauAcccgccggagc.....	1
Gi5_8439926_x10.....	.Cgguucucacccaacagaucgg.....	1
Gi3_27221662_x10.....	.gGucucacccaacagaucgggu.....	1
Gi1_3917614_x10.....	.uccggcguaguauaaUggcu.....	1
Gi2_10403522_x10.....	.gguucgCuucccgccg.....	1
Gi2_10427752_x10.....	.uccggAguaguauaacggcuaga.....	1
Gi2_10412292_x10.....	.gguucgUuucccgccggag.....	1
Gi2_10417302_x10.....	.gguucgauucccgccgGggagc.....	1
Gi2_10409622_x10.....	.gguucgauucccgccggc.....	1
Gi2_10412052_x10.....	.uccggcguaguauaacggcuagaC.....	1
Gi1_3922454_x10.....	.uccgUcguaguauaacggcu.....	1
Gi3_27302113_x9.....	.gguuAguauucccgccggag.....	1
Gi2_10437555_x9.....	.guucgauucccgccgC.....	1
Gi5_8472180_x9.....	.gguucgauuccUggcgccg.....	1
Gi5_8466564_x9.....	.uccggcguaguGuaacggcuagaa.....	1
Gi2_10446852_x9.....	.gguucgauucccgUgcc.....	1
Gi5_8458914_x9.....	.gguucucacccaacUgaucgg.....	1

Gi3_27285409_x9	.guucucacccaCcagaucgg	1
Gi3_27297991_x9	.ggAucgauucccgcgccgg	1
Gi5_8461047_x9	.Uguucgauucccgcgccggagcgu	1
Gi5_8454072_x9	.Ggaucggguucgauucc	1
Gi2_10434306_x9	.gguucgauucccgcgccggaUc	1
Gi1_3936475_x9	.gguucgauNcccgcgccg	1
Gi3_27247375_x9	.gguucgauucccgcgCccggagc	1
Gi2_10446348_x9	.uccggcguaAuauaacggcuaga	1
Gi2_10447644_x9	.gguucgCuucccgcgccg	1
Gi3_27248194_x9	.Ugcguaguauaacggcuag	1
Gi3_27249112_x9	.guGcgauucccgcgccg	1
Gi3_27260965_x9	.guucgauucccAgcgccg	1
Gi5_8466123_x9	.guucgauucccgAgccg	1
Gi3_27273718_x9	.uucucacccGacagaucgg	1
Gi1_3932884_x9	.gCucgauucccgcgccggagc	1
Gi5_8465142_x9	.guucucacccaacagaucUg	1
Gi3_27296749_x9	.ggguucgauucccgcgccggagcC	1
Gi5_8473674_x9	.uccgAcguaguauaacggcuaga	1
Gi5_8470929_x9	.Accggcguaquauaacgg	1
Gi2_10450506_x9	.Cguucgauucccgcgccgga	1
Gi1_3931039_x9	.ugguucucGcccaacagaucgg	1
Gi3_27245278_x9	.uucucUcccaacagaucgg	1
Gi1_3940336_x9	.uucucaccUaacagaucgg	1
Gi2_10447860_x9	.guucgauucAcggcgccgg	1
Gi5_8462433_x9	.uccggcguaquauaacggcuC	1
Gi1a_5644372_x9	.uGcgcguaquauaacggcuaga	1
Gi5_8465457_x9	.uccggUguaguauaacggcuagaau	1
Gi2_10448607_x9	.guucgauucccgcgAcg	1
Gi1_3932569_x9	.uccggcguaGcauacggcuag	1
Gi5_8460930_x9	.guucgauucccgcgUgga	1
Gi5_8476581_x9	.guucgauucccAgcgccgga	1
Gi5_8468166_x9	.guucucacccaacagaucAg	1
Gi1_3939337_x9	.uccggcgUguauaacggc	1
Gi5_8463774_x9	.gGuucccgcgccggagc	1
Gi1_3933739_x9	.guucucacccaacCgaucgg	1
Gi5_8461218_x9	.ggGucgauucccgcgcc	1
Gi5_8461515_x9	.guucUauucccgcgccgga	1
Gi1_3931111_x9	.uucucacccaacagaucUg	1
Gi1_3931120_x9	.ucgauucccgcgccggagcC	1
Gi5_8453280_x9	.ugguucucNcccaacagaucgg	1
Gi2_10439625_x9	.ucUggcguaquauaacgg	1
Gi5_8459643_x9	.gguucgGuucccgcgccgg	1
Gi5_8455422_x9	.Ggguucucacccaacagaucgg	1
Gi5_8465079_x9	.uccggcguaquauaacggc	1
Gi1a_5650780_x9	.uGcgcguaquauaacggcuag	1
Gi3_27271405_x9	.guucgauucccCcgccgg	1
Gi3_27245107_x9	.ggGucgauucccgcgccgg	1

Gi3_27303679_x9	.uucucacccaCcagaucgg	1
Gi5_8473449_x9	.Ugcguaguauaacggcuaga	1
Gi5_8458428_x9	.gguucgauucccgcgccgC	1
Gi5_8458752_x9	.gguucgauucccgcgccAga	1
Gi5_8466249_x9	.uccggcgCaguauaacggc	1
Gi2_10432020_x9	.guucAauucccgcgccgga	1
Gi3_27290737_x9	.gguucgauuccGggcgccgga	1
Gi2_10454124_x9	.uccggcgaguauaacggcuagaCu	1
Gi3_27270208_x9	.uccgAcguaguauaacgg	1
Gl1a_5644426_x9	.guucgauucccgcgccgga	0
Gi5_8473503_x9	.uccggcgaguCuaaacggcua	1
Gi5_8453325_x9	.cucaccUaacagaucgg	1
Gi4_521253_x9	.guucgauucccgcgccgga	0
Gi1_3932146_x9	.gguucgauucccgcgccgga	1
Gi1_3929473_x9	.uccggcgaguauCacggcua	1
Gi2_10438842_x9	.guucgauucccgcgccgga	1
Gi3_27256195_x9	.gguucgauucccgcgccgga	1
Gi5_8453658_x9	.uccggcgaguauaacggcuaA	1
Gi3_27264709_x9	.uccggcgAaguauaacggcuaga	1
Gi3_27268903_x9	.gguucgauucccgcgccgga	1
Gi5_8463549_x9	.uccggcgaguauaaUggc	1
Gi2_10447014_x9	.gCucucacccaacagaucgg	1
Gi3_27257707_x9	.gguucucacccaaUagaucgg	1
Gi2_10458642_x9	.gguucgauucccggaAgccg	1
Gi5_8453289_x9	.gguucucCcccaacagaucgg	1
Gi1_3933055_x9	.uccggcgCaguauaacggcuag	1
Gi3_27258040_x9	.Cccggcgaguauaacggcuag	1
Gi2_10451217_x9	.uccggcgaguauaacAg	1
Gi1_3937897_x9	.uccggcgaguauGacgg	1
Gi2_10457940_x9	.uccggcgaguauaUcggcuaga	1
Gi1_3929077_x9	.gguucucacccaacGgaucgg	1
Gi5_8469930_x9	.gguucgauucccggaAccgga	1
Gl1a_5648809_x9	.accaacagaucggguucgauucc	0
Gi2_10434270_x9	.gguucgauuccCcgccgga	1
Gi5_8467374_x9	.guucgauuccCcgccgga	1
Gi5_8454351_x9	.ggGucgauucccgcgccgga	1
Gi3_27263017_x9	.guucgauuccCcgccgga	1
Gi2_10443882_x9	.gguucAauucccgcgccgga	1
Gi1_3934828_x9	.guucuaUccaacagaucgg	1
Gi5_8455944_x9	.uccggcgaguauaacggcuagU	1
Gi5_8459157_x9	.gguucAcacccaacagaucgg	1
Gi1_3933244_x9	.uucucacccaacagaucUgg	1
Gi2_10455438_x9	.uccggcgCaguauaacggcua	1
Gi1_3941641_x9	.uucucacUcaacagaucgg	1
Gi2_10457346_x9	.gguucgauCcccgcgccgga	1
Gi5_8471865_x9	.uccggcgagCauaacggcuagaau	1
Gi2_10443045_x9	.guucgauucccgcgccgga	1

Gi3_27306514_x9	.....guucucacccaGcagauccg	1
Gi1_3935098_x9	.....uccggUguaguauaacggc	1
Gi5_8470668_x9	.....gguucgauucccgcgccggaCc	1
Gi3_27283429_x9	.....guucgauucccgGAgccgga	1
Gi2_10461621_x9	.....uccggcguagCauaacggc	1
Gi1_3936016_x9	.....guuUgauucccgcgccgga	1
Gi5_8469489_x9	.....guucgauAcccgcgccg	1
Gi1_3934774_x9	.....uccggcguaguauCacgg	1
Gi5_8455935_x9	.....uccggcguaguauGacgg	1
Gi5_8464125_x9	.....Gucgauucccgcgccgg	1
Gi5_8463207_x9	.....Ggguucucacccaacagauccgggu	1
Gi5_8467230_x9	.....gguucgCuucccgcgccggag	1
Gi5_8464548_x9	.....guucucacccCacagauccg	1
Gi3_27281638_x9	.....Ggauucccgcgccggagc	1
Gi3_27288757_x9	.....guucAauucccgcgccggag	1
Gi3_27257527_x9	.....uccggcguaguauaacgC	1
Gi2_10440687_x9	.....cggcguaguauaacggcuagaaC	1
Gi1_3940768_x9	.....uccAgcguaguauaacgg	1
Gi2_10495458_x8	.....uccggUguaguauaacgg	1
Gi5_8479161_x8	.....cucGcccaacagauccg	1
Gi5_8499257_x8	.....gguucuUaccaacagauccg	1
Gi3_27328089_x8	.....guucgauucAcggcgccgg	1
Gi2_10487194_x8	.....Gucgauucccgcgccgg	1
Gi3_27350665_x8	.....uccggcguUguauaacggcuagaau	1
Gi2_10494178_x8	.....gguucgauucccgGcAccggag	1
Gi2_10474298_x8	.....gguucgauucccgcgccggagG	1
Gi1_3947829_x8	.....gguuUgauucccgcgccgg	1
Gi1_3949949_x8	.....uccgAcguaguauaacgg	1
Gi1_3946485_x8	.....gguucucacccCacagauccg	1
Gi3_27324993_x8	.....ggAucucacccaacagauccg	1
Gi1_3947997_x8	.....uccggcguaguGuaacggcua	1
Gi1_3951533_x8	.....uGcggcguaguauaacggc	1
Gi2_10486098_x8	.....gguucgaCucccgcgccgg	1
Gi3_27359369_x8	.....guucgauucccgcgccggaAc	1
Gi3_27360993_x8	.....guucgauucccgcgccggUg	1
Gi5_8498865_x8	.....guucgUuucccgcgccg	1
Gi2_10474722_x8	.....uccggcguUguauaacggc	1
Gi1_3952509_x8	.....uccggcguaguauaacggUuaga	1
Gi2_10475530_x8	.....uccggcguaguauaacggcuaAaa	1
Gi2_10487810_x8	.....guCcgauucccgcgccggag	1
Gi2_10478338_x8	.....gguucgauucccgGAgcc	1
Gi1_3943093_x8	.....ucucGcccaacagauccg	1
Gi4_524184_x8	.....guucucacccaacagauccg	0
Gi2_10479218_x8	.....gguucgauucccgcgAcgga	1
Gi2_10480930_x8	.....gguucgCuucccgcgccgga	1
Gi3_27317417_x8	.....uccggcguaguCuaacggcuag	1
Gi2_10488106_x8	.....gguucucacccGacagauccg	1

Gi3_27317057_x8.....	.gGucacaccaacagauccggg.....	1
Gi3_27330617_x8.....	.ugguucucGcccaacagauccg.....	1
Gi1_3950797_x8.....	.gAuucacaccaacagauccg.....	1
Gi3_27341417_x8.....	.uGcggcguaguauaacggcu.....	1
Gi5_8490161_x8.....	.....ggGucgauucccgcgccggag.....	1
Gi5_8479537_x8.....	.....gguucgauucccgAgccgga.....	1
Gi2_10479466_x8.....	.....guucgauucccCgcgccggagc.....	1
Gi2_10494842_x8.....	.....ucgauucccgcgccggGgc.....	1
Gi3_27341601_x8.....	.uccggcguaguauGacggcuagaau.....	1
Gi2_10488730_x8.....	.....gguucgauucccgAgccg.....	1
Gi2_10466818_x8.....	.....Cuucgauucccgcgccgga.....	1
Gi1_3954701_x8.....	.uccggcguaguCuaacgg.....	1
Gi2_10476746_x8.....	.....gguucgauNcccgcgccgg.....	1
Gi1a_5671057_x8.....	.....Aguucgauucccgcgccggagc.....	1
Gi5_8479753_x8.....	.guucacaccaacUgauccg.....	1
Gi1_3947309_x8.....	.....guucgauucccgcgccggGgc.....	1
Gi3_27346385_x8.....	.....guucgauucccgcgccCgagc.....	1
Gi1_3954109_x8.....	.gUcguaguuaacggcuag.....	1
Gi1_3943317_x8.....	.uccggcguaguuaacggcuaA.....	1
Gi2_10475850_x8.....	.....gguucAauucccgcgccgga.....	1
Gi5_8496129_x8.....	.....ggCucgauucccgcgccgg.....	1
Gi3_27356329_x8.....	.....gauuccAgcgccggagc.....	1
Gi1_3950469_x8.....	.uccggcguaguuaacggcuaAaa.....	1
Gi2_10497218_x8.....	.....guucgauucccAgcgccgga.....	1
Gi3_27348209_x8.....	.....gguuUgauucccgcgcc.....	1
Gi2_10481186_x8.....	.....gguucgauucUcggcgccggag.....	1
Gi1_3949389_x8.....	.gguucacaccaGcagauccg.....	1
Gi3_27361169_x8.....	.uccggcUuaguuaacggcuaga.....	1
Gi2_10467834_x8.....	.....guucgauucccgcgccggagc.....	1
Gi5_8487249_x8.....	.....guucgauucccgcgccggG.....	1
Gi2_10464722_x8.....	.....gguucGauucccgcgccg.....	1
Gi4_526408_x8.....	.....gguucgauucccgcgccgga.....	0
Gi5_8479385_x8.....	.uccggcguaguauCacggcuagaau.....	1
Gi1_3957061_x8.....	.ugguucacaccaacagauAcgg.....	1
Gi1_3955053_x8.....	.....gguucgauucccgcgccggagcA.....	1
Gi5_8488025_x8.....	.....ggAucgauucccgcgccgga.....	1
Gi2_10497954_x8.....	.uccggcguaguauGacggcuaga.....	1
Gi3_27332217_x8.....	.....uucacaccaacagGuccgg.....	1
Gi2_10481602_x8.....	.uccggcguaguuaacggcuagU.....	1
Gi1_3942421_x8.....	.....gguucgauucUcggcgccg.....	1
Gi2_10495786_x8.....	.....guucgauucAcggcgccggagc.....	1
Gi2_10482514_x8.....	.uccggcguaguuaacggcuC.....	1
Gi2_10494290_x8.....	.uccggcguaguuaacAgcua.....	1
Gi5_8476993_x8.....	.....agauccgNuucgauucc.....	1
Gi2_10482586_x8.....	.....guucgauucccgcgccUgagc.....	1
Gi3_27337049_x8.....	.guucacaccUaacagauccg.....	1
Gi5_8494881_x8.....	.uccggcguaguuaaAggcuag.....	1

Gi5_8494609_x8	.....gguucgauucccgcgUc	1
Gi1_3945037_x8	.....gguucgauucccgcgccggG	1
Gi5_8481825_x8	.....ggCucgauucccgcgccggag	1
Gi2_10492602_x8	.....ucucacccaacagauccg	0
Gi1_3946141_x8	.....gguCcgauucccgcgccgg	1
Gi2_10483890_x8	.....ggCucgauucccgcgccgga	1
Gi2_10467634_x8	.....guucgauucccgUcgccggagc	1
Gi5_8486761_x8	.....uccggcguaguCuaacggcuaga	1
Gi2_10487602_x8	.....guucgauuccAgggcgccgg	1
Gi2_10487410_x8	.....gguucgauuccUcgggcc	1
Gi2_10462786_x8	.....ucUggcguaguauaacggcuag	1
Gi2_10483818_x8	.....uccggcguGguauaacggcuagaau	1
Gi5_8483369_x8	.....uccggcguaguauaaUggcuagaau	1
Gi3_27317361_x8	.....uccggcguaguCaacggcuagaa	1
Gi5_8482345_x8	.....gAuucgauucccgcgcc	1
Gi5_8485265_x8	.....uccggcguaguauGacggcuag	1
Gi1_3954469_x8	.....guucucaccUaacagauccg	1
Gi5_8493593_x8	.....gguucgauucccgcgUcgga	1
Gi1_3944557_x8	.....gguucucacccaacagGuccg	1
Gi2_10472362_x8	.....gguucgauucccAgcgccgga	1
Gi3_27363793_x8	.....guucgauucccgcgGcgga	1
Gi5_8498585_x8	.....gguucucacAcaacagauccg	1
Gi3_27342481_x8	.....gguucgauuccAgggcgccg	1
Gi3_27347513_x8	.....uccggcguaguauaaAgg	1
Gi2_10477890_x8	.....gguUgauucccgcgccg	1
Gi3_27324385_x8	.....Gucgauucccgcgccgg	1
Gi2_10486738_x8	.....gguucgauucccgcgGcgagc	1
Gi2_10471362_x8	.....aacagauccggguucgauucccgcgccgg	0
Gi3_27318697_x8	.....gguucucacccaacagauAccg	1
Gi5_8486489_x8	.....gGucgauucccgcgccggag	1
Gi5_8488249_x8	.....uccggcguagCauaacggcua	1
Gi5_8493065_x8	.....gguucgauuccUcgcgccggagc	1
Gi5_8483649_x8	.....gCGuaguauaacggcuaga	0
Gi5_8477473_x8	.....uccAgcgguaguauaacggc	1
Gi1_3955573_x8	.....uccggcguaguauaacggcuaAa	1
Gi4_525296_x8	.....gUuucgauucccgcgccggagc	1
Gi1_3942557_x8	.....uccggcguaguauaacggcCa	1
Gi1_3952357_x8	.....gguucucacccaacagauAccg	1
Gi1a_5654737_x8	.....gGucucacccaacagauccg	1
Gi5_8488777_x8	.....uccggcguCguauaacgg	1
Gi1_3943805_x8	.....guucgUuucccgcgccgg	1
Gi5_8491289_x8	.....uccggcguaguauCacggc	1
Gi5_8493825_x8	.....ggGucgauucccgcgccgga	1
Gi5_8481609_x8	.....Uuuucccgccuuccuucgucu	1
Gi2_10492594_x8	.....guucgauCcccgcgccgga	1
Gi5_8488537_x8	.....uucucaccAaacagauccg	1
Gi1_3943365_x8	.....gguucgauucccgcgccggagU	1

Gi2_10472842_x8	.....guucgauuNccggcgccgga	1
Gi3_27328017_x8	.....guucgaGuccggcgccgga	1
Gi3_27335497_x8	.....cgUuuccggcgccggagc	1
Gi2_10495498_x8	.....uccggUguaguauaacggc	1
Gi3_27369817_x8	.....ucGggcgaguauaacggcua	1
Gi5_8497897_x8	.....guucgGuuccggcgccggagc	1
Gi3_27364521_x8	.....gguucgauuccggAgccggag	1
Gi3_27361201_x8	.....uucucacccaacagauAcg	1
Gi5_8493233_x8	.....gCuucgauuccggcgcccg	1
Gi2_10489418_x8	.....uccggcgaguauaGcggcuagaau	1
Gi5_8476985_x8	.....gguucucacccaacagauAcg	1
Gi2_10469098_x8	.....gguucgauuccggcgccA	1
Gi2_10472418_x8	.....gguCcgauuccggcgccggag	1
Gi5_8477785_x8	.....guCcgauuccggcgccgga	1
Gi3_27331577_x8	.....gguucgCuuccggcgcc	1
Gi5_8492497_x8	.....ucCcacccaacagauccg	1
Gi5_8500185_x8	.....Cccggcgaguauaacggcuagaa	1
Gi1_3948949_x8	.....uccggcgaguauaacAgcua	1
Gi3_27358193_x8	.....uccggcgCaguauaacggcuagaa	1
Gi3_27310729_x8	.....gguucgauuccggcgccgCag	1
Gi1_3943637_x8	.....uccggcgaguauaacggUuag	1
Gi2_10480546_x8	.....gguucgauuccggUgccgga	1
Gi5_8487297_x8	.....guucgauuccAgcgccg	1
Gi2_10469946_x8	.....guucgUuuccggcgccg	1
Gi3_27354289_x8	.....guucucacccaacGgauccg	1
Gi3_27320833_x8	.....cgauuccggcgccggCgc	1
Gi1_3943421_x8	.....gguucgauuccggcgccgU	1
Gi5_8488329_x8	.....uccggcgaguauaaUggcua	1
Gi3_27353129_x8	.....uccggcgaguauaacggcCagaa	1
Gi2_10493754_x8	.....guucgauuAccggcgccggagc	1
Gi2_10466082_x8	.....gguucgauuccggcgUcg	1
Gi5_8488553_x8	.....uccggcgaguauGacggcuaga	1
Gi3_27366841_x8	.....uccgUcguaguauaacggcuagaau	1
Gi1_3952669_x8	.....uccggcgUnguauaacggcuaga	1
Gi3_27366081_x8	.....uccgAcguaguauaacggcua	1
Gi3_27359665_x8	.....gguucgauuccGggcgccg	1
Gi2_10498522_x8	.....uccggcgUnguauaacggcuagaa	1
Gi5_8501385_x8	.....gguucgauuccAgcgccggagc	1
Gi2_10486802_x8	.....ucgauuccggcgccggagc	1
Gi3_27323897_x8	.....ugguucucacccaacagGuccg	1
Gi5_8496041_x8	.....gguucgauuccggcgAcgga	1
Gi3_27374497_x8	.....gAucgauuccggcgccggag	1
Gi3_27362081_x8	.....gguucgauuccggcgGgga	1
Gi5_8482833_x8	.....uccggcgaguCuaacgg	1
Gi5_8486097_x8	.....guuUgauuccggcgccggagc	1
Gi3_27320697_x8	.....guucgauuccggGgccgg	1
Gi1_3952253_x8	.....Cccggcgaguauaacggcuaga	1

Gi1_3943245_x8	ucUggcguaguauaacggc	1
Gi5_8504495_x7	uccggcguaguauaCcg	1
Gi1_3962561_x7	ggAucgauucccgcgccg	1
Gi1_3973922_x7	uuUgauucccgcgccg	1
Gi5_8503221_x7	uccggcguCguauaacggcuaga	1
Gi5_8514904_x7	Auucgauucccgcgccggagc	1
Gi1_3970982_x7	Auucucaccaacagauccg	1
Gi3_27424451_x7	cucacccaNcagauccg	1
Gi3_27386875_x7	guucgauucccgcgccggaA	1
Gi3_27449252_x7	guucgauucccgcgccggaCc	1
Gi2_10537645_x7	uucucaccNaacagauccg	1
Gi1_3962106_x7	guucucGcccaacagauccg	1
Gi3_27432732_x7	uccggcguGguauaacggcuagaa	1
Gi2_10536210_x7	gguucgauucccgUgccg	1
Gi1_3973369_x7	gguucgauucccgcgccgGgc	1
Gi3_27435749_x7	uucuUacccaacagauccg	1
Gi3_27447810_x7	gguucgauucUcgcgccg	1
Gi3_27385167_x7	guucucaccaacagaCcg	1
Gi2_10538863_x7	uccggcguaguauaacggcuGgaa	1
Gi2_10503373_x7	ucgaCucccgcgccggagc	1
Gi5_8511789_x7	guuUucaccaacagauccg	1
Gi2_10505571_x7	uccggcguNguauaacggcuagaau	1
Gi1a_5682142_x7	gguucgauNcccgcgccggagc	1
Gi5_8525586_x7	guucAcaccaacagauccg	1
Gi1_3969239_x7	gguucucaccaacagauAg	1
Gi5_8518145_x7	uccggcAuaguauaacggcuaga	1
Gi3_27416485_x7	gguucgauucccgAgcc	1
Gi2_10525304_x7	gguucgauucccgcgGcg	1
Gi2_10529371_x7	gguucgaCucccgcgccggag	1
Gi2_10512207_x7	guucgauucccgcgccCgagc	1
Gi5_8512531_x7	uGcucaccaacagauccggguuc	1
Gi3_27448104_x7	ucgaCucccgcgccggagc	1
Gi1_3965249_x7	uucucacccUacagauccg	1
Gi3_27451499_x7	guucgauucccgUgccg	1
Gi1_3968728_x7	uccggcGcaguauaacggcu	1
Gi5_8530668_x7	Ccucaccaacagauccg	1
Gi5_8516255_x7	uccggcguaguauaCcggu	1
Gi3_27407007_x7	ucUggcguaguauaacggcu	1
Gi3_27423996_x7	guucucacccCacagauccg	1
Gi5_8511635_x7	guucucacNcaacagauccg	1
Gi3_27425508_x7	guCcgauucccgcgccg	1
Gi5_8515625_x7	gguucucaccaacCgauccg	1
Gi2_10517387_x7	ggGucgauucccgcgccg	1
Gi1_3967076_x7	gguucgauucccgcgccgGgc	1
Gi5_8526174_x7	gguucucUcccaacagauccg	1
Gi5_8504649_x7	ugguucucGcccaacagauccg	1
Gi3_27444058_x7	gguAcucaccaacagauccg	1

Gi1_3960223_x7	ugguucucacccaacGgauccg	1
Gi3_27445787_x7	gguucgauucccggcgcUg	1
Gi3_27411053_x7	uccggcguaAuauaacggc	1
Gi5_8503165_x7	gguucgauuAccggcgccg	1
Gi2_10525598_x7	gguucgauucccggcgccC	1
Gi3_27382640_x7	gguucgauucccggcgcUg	1
Gi5_8512132_x7	guuAgauucccggcgccg	1
Gi2_10515805_x7	uccggcguaaguauaacggcuaUa	1
Gi2_10525038_x7	gguucgauucccggcgccg	1
Gi1_3963856_x7	ugguucucacAcaacagauccg	1
Gi1_3970065_x7	Gccggcguaaguauaacggcuagaa	1
Gi3_27407525_x7	gguucgauucccggcgccgCg	1
Gi2_10504444_x7	uccgUcguaaguauaacgg	1
Gi1_3957976_x7	Cuucgauucccggcgccgga	1
Gi1_3963688_x7	guuAgauucccggcgccg	1
Gi1_3967559_x7	Accggcguaaguauaacgg	1
Gi3_27409758_x7	ucgGuucccggcgccggagc	1
Gi2_10501630_x7	gguucgauucccgUgccggag	1
Gi3_27427447_x7	ugguucucacAcaacagauc	1
Gi2_10513705_x7	Accggcguaaguauaacggcuaga	1
Gi5_8505391_x7	cUgcguaguauaacggcuag	1
Gi2_10537638_x7	uccgAcguaguauaacggc	1
Gi5_8505384_x7	gUcguaaguauaacggcuaga	1
Gi5_8524718_x7	Cccggcguaaguauaacggcuagaau	1
Gi3_27447943_x7	uucgauucNcggcgccggagc	1
Gi3_27422820_x7	uccggcguaaguauUacggcua	1
Gi3_27425942_x7	gguucgauucccggcgccggagcgC	1
Gi1_3960671_x7	gguucgauucccggcgccgg	1
Gi3_27448888_x7	gguucgauucccggcgccggagG	1
Gi1_3972865_x7	ugguucucacccaCcagauccg	1
Gi2_10524779_x7	gguucgauucccgUgccggag	1
Gi3_27393791_x7	uccgCcguaaguauaacggc	1
Gi1_3958641_x7	gguucgauucccggcAccggagc	1
Gi2_10509813_x7	guuUgauucccggcgccgga	1
Gi3_27414959_x7	gguucgCuucccggcgccg	1
Gi3_27382605_x7	uucgauucccggcgccAgagc	1
Gi3_27405824_x7	gguucgauucccggcgccgga	1
Gi3_27412663_x7	uccggcguaagAauaacgg	1
Gi5_8521813_x7	gguucgauCcccgggcgccg	1
Gi5_8529464_x7	Uguucgauucccggcgccggagcguuu	1
Gi3_27395842_x7	ucNggcguaaguauaacggcuaga	1
Gi5_8506868_x7	gguucgCuucccggcgccgga	1
Gi2_10535055_x7	ucgauuUccgggcgccggagc	1
Gi3_27390683_x7	Cuucucacccaacagauccg	1
Gi5_8516486_x7	gguucgauucccggcgccggC	1
Gi1_3958452_x7	uucucacccaacagaucAgg	1
Gi3_27420545_x7	gguucgauCcccgggcgccggagc	1

Gi5_8511397_x7	.....gguuUucacccaacagauccg	.....	1
Gi5_8504460_x7	.....gguuUgauuccggcgccg	.....	1
Gi3_27422295_x7	.....uccggcguaAuauaacgg	.....	1
Gi3_27408729_x7	.....ugguucCcacccaacagauccg	.....	1
Gi3_27381044_x7	.....guucgauuccggcgAggag	.....	1
Gi5_8507288_x7	.....guucucacccaacagauAcg	.....	1
Gi1_3967475_x7	.....ggCucgauuccggcgccgga	.....	1
Gi5_8507155_x7	.....Gcgauuccggcgccggagc	.....	1
Gi3_27405733_x7	.....guucgaGuuccggcgccgg	.....	1
Gi2_10503198_x7	.....gguucucacccaacagauUg	.....	1
Gi3_27434055_x7	.....gguucgauuccggcgccggagcg	.....	0
Gi5_8507673_x7	.....guucAauuccggcgccggagc	.....	1
Gi3_27431339_x7	.....uGgguucucacccaacagaucc	.....	1
Gi5_8527399_x7	.....uccggcguaaguauaacggcCagaa	.....	1
Gi3_27398712_x7	.....uucucacccaacGgauccgg	.....	1
Gi2_10527012_x7	.....uccggcguaaguauaaUggc	.....	1
Gi3_27396451_x7	.....guucgCuuccggcgccg	.....	1
Gi5_8521729_x7	.....gCuucgauuccggcgccggag	.....	1
Gi1_3968938_x7	.....uccggcguaaguauaacggcCaga	.....	1
Gi5_8503200_x7	.....guucgCuuccggcgccg	.....	1
Gi1_3971206_x7	.....uAcucacccaacagauccgg	.....	1
Gi5_8516479_x7	.....guucucacccaacagGuccgg	.....	1
Gi3_27407679_x7	.....gguucgauuccggcgGggag	.....	1
Gi3_27431668_x7	.....uucucaccAaacagauccg	.....	1
Gi5_8506252_x7	.....gguucgauuccggcgccgAagc	.....	1
Gi5_8528162_x7	.....uccgUcguaguauaacggcuagaau	.....	1
Gi1_3967720_x7	.....uccggcguaaguauaacggUua	.....	1
Gi3_27426285_x7	.....guucgauuccUggcgccg	.....	1
Gi5_8527224_x7	.....uccAgcguaaguauaacggcuaga	.....	1
Gi3_27416478_x7	.....uccggcguaaguauaacgAcuagaa	.....	1
Gi2_10517688_x7	.....gguucgauCcccggcgccggag	.....	1
Gi2_10537610_x7	.....uUcggcguaaguauaacggcuag	.....	1
Gi1_3961238_x7	.....guCucacccaacagauccgg	.....	1
Gi3_27444233_x7	.....guucgauucAcggcgccgga	.....	1
Gi3_27445290_x7	.....guucgauuccggcgccCga	.....	1
Gi2_10535097_x7	.....uccggcguaaguauaacggcCagaau	.....	1
Gi3_27436547_x7	.....uccggcguaAuauaacggcua	.....	1
Gi2_10499642_x7	.....Gucgauuccggcgccggagc	.....	1
Gi3_27441874_x7	.....guucAauuccggcgccg	.....	1
Gi5_8510725_x7	.....ugguucucacccaacGgauccg	.....	1
Gi5_8508282_x7	.....gguucgauucccgAcgcccga	.....	1
Gi5_8523577_x7	.....guucgauuccggcgccUg	.....	1
Gi2_10534873_x7	.....guucCauuccggcgccg	.....	1
Gi3_27394498_x7	.....gguucgauuccggAgccgg	.....	1
Gl1_5682051_x7	.....uccggcgUgguauaacggcua	.....	1
Gi1_3960720_x7	.....uccggcguaGcauacggcua	.....	1
Gi2_10499586_x7	.....gguucgauuccggcgUcggag	.....	1

Gi1_3968056_x7	.....uucucacccaacCgauccgg.....	1
Gi3_27379581_x7	.....gguucgauucccgcgUc.....	1
Gi3_27423296_x7	.....guuUgauucccgcgccg.....	1
Gl1a_5701007_x7	.....gguucgauucccgUgcc.....	1
Gi3_27436477_x7	.....uccggcguaguaCaacggcuagaau.....	1
Gi3_27407336_x7	.....uccggcguUuauaacggcuaga.....	1
Gi2_10516162_x7	.....Cguucgauucccgcgccgg.....	1
Gi2_10525864_x7	.....uccggcgcCaguauaacggc.....	1
Gi1_3959887_x7	.....uccggcguaguauaacggcuagC.....	1
Gi2_10514335_x7	.....uccggcguNguauaacgg.....	1
Gi1_3967965_x7	.....guucgauucccgcgccUg.....	1
Gi3_27446438_x7	.....guucgauuAccggcgccgg.....	1
Gi3_27456651_x7	.....uccAgcguaguauaacggcuagaau.....	1
Gi5_8521162_x7	.....gguucgauucccgcgccggUgc.....	1
Gi1_3972557_x7	.....uccggcguaguauaacAgc.....	1
Gi3_27411417_x7	.....guucgauuAcggcgccggagc.....	1
Gi1_3961497_x7	.....gUuucgauucccgcgcc.....	1
Gi2_10522161_x7	.....gguCcgauucccgcgccg.....	1
Gi2_10508679_x7	.....uccggcguNguauaacggcuag.....	1
Gi3_27393896_x7	.....ugguCcucacccaacagauccg.....	1
Gi1_3973243_x7	.....uucucacccaacagauccAg.....	1
Gi5_8527161_x7	.....Ugguucgauucccgcgccggagc.....	1
Gi5_8512076_x7	.....gguuGucacccaacagauccg.....	1
Gi2_10529735_x7	.....guucUauucccgcgccggag.....	1
Gi5_8519342_x7	.....ugguucucacccaCagauccg.....	1
Gi1_3968819_x7	.....guGcucacccaacagauccg.....	1
Gi1_3958823_x7	.....uucucacccaacagaCccg.....	1
Gi1_3962540_x7	.....gguAcgauucccgcgccgg.....	1
Gi5_8530185_x7	.....Uguucgauucccgcgccggagcguu.....	1
Gi2_10520985_x7	.....gCuucucacccaacagauccg.....	1
Gi2_10520656_x7	.....uucucacccaacCgauccg.....	1
Gi5_8507519_x7	.....uccggcguaguauaGcggcuagaa.....	1
Gi2_10522343_x7	.....uGcgauucccgcgccggagc.....	1
Gi3_27411676_x7	.....uccggcguaguauGacggcuau.....	1
Gi1_3967139_x7	.....uucucacccaacagaAccg.....	1
Gi3_27432172_x7	.....uucucacccaacagauccUg.....	1
Gi3_27386308_x7	.....gguucgauucccggcUccggagc.....	1
Gi1_3961980_x7	.....gguuGgauucccgcgccgg.....	1
Gi1_3959257_x7	.....uGguucucacccaacagauccg.....	1
Gi5_8515569_x7	.....guucgauucccgUgcccga.....	1
Gi5_8518824_x7	.....uccggcguaguCuaacggcuagaau.....	1
Gi4_526928_x7	.....uccggcguaguauaacgg.....	0
Gi3_27386826_x7	.....guucucacccaacagauccUg.....	1
Gi2_10501994_x7	.....guucgCuucccgcgccgg.....	1
Gi5_8530850_x7	.....ugguucucaccUaacagauccg.....	1
Gi4_528594_x7	.....uccggcguaguauaacggcuGga.....	1
Gi5_8523892_x7	.....guucgauucccgcgccAgagc.....	1

Gi2_10502547_x7.....	uccggcguaguauaacggcuagCau.....	1
Gi5_8529632_x7.....	ggAucgauucccgcgccgg.....	1
Gi3_27447873_x7.....	gguucgauucccgcgccgCa.....	1
Gi2_10534418_x7.....	uccggcguaguaCaacggcua.....	1
Gi1_3972046_x7.....	uucucacccaGcagaucgg.....	1
Gi3_27381107_x7.....	gguucgauucccgcgUcgg.....	1
Gi1a_5687742_x7.....	Gcucacccaacagaucgg.....	1
Gi3_27402597_x7.....	uucucacccaacagaucggC.....	1
Gi2_10515833_x7.....	gguucgauuccUggcgccg.....	1
Gi5_8530052_x7.....	uccggcguaguauaacggGuag.....	1
Gi2_10530001_x7.....	uccggcguaguauaCcgguaga.....	1
Gi5_8526216_x7.....	cucacUcaacagaucgg.....	1
Gi2_10508350_x7.....	gguucgauuccUgcgccggag.....	1
Gi5_8512580_x7.....	gguucgGuucccgcgccggag.....	1
Gi2_10509617_x7.....	guucgauuccUggcgccgga.....	1
Gi2_10512956_x7.....	uccggcguaguauaacggcuaA.....	1
Gi5_8521939_x7.....	guucgauucccgcgGcg.....	1
Gi2_10507881_x7.....	guCcgauucccgcgccgga.....	1
Gi3_27419789_x7.....	uccCcgguaguauaacggcuaga.....	1
Gi2_10516757_x7.....	gguucucacccaacagCucgg.....	1
Gi5_8528449_x7.....	gguucgauucccAgcgcc.....	1
Gi1_3973075_x7.....	ccggcguaguauaacggcuagaau.....	0
Gi3_27451051_x7.....	gguCcgauucccgcgcc.....	1
Gi3_27423527_x7.....	cgauucccNgcgcccggagc.....	1
Gi5_8511859_x7.....	gguucgauucccgcgAcg.....	1
Gi5_8505811_x7.....	guucgauucccgAcgccc.....	1
Gi2_10514692_x7.....	guuAgauucccgcgccgg.....	1
Gi5_8519272_x7.....	gguCcgauucccgcgccgg.....	1
Gi5_8514484_x7.....	gguucgauucccggcAccg.....	1
Gi5_8516521_x7.....	uccggcguaguCuaacggc.....	1
Gi3_27453277_x7.....	gguucgauucUcggcgccgg.....	1
Gi3_27446081_x7.....	gguucgauuccAgcgcc.....	1
Gi3_27435574_x7.....	uccggcguagCauaacggcuag.....	1
Gi2_10523505_x7.....	uGcgauucccgcgccgg.....	1
Gi3_27427111_x7.....	guucgauucccgcgGggagc.....	1
Gi3_27442532_x7.....	gguucgauucAcggcgccg.....	1
Gi3_27437044_x7.....	uccggcguaguUuaacgg.....	1
Gi3_27416835_x7.....	uccggAguaguauaacggcuagaa.....	1
Gi3_27418193_x7.....	Nguucgauucccgcgccggagc.....	1
Gi1a_5688204_x7.....	gGucgauucccgcgcccggagc.....	1
Gi2_10508567_x7.....	Ugcguaguauaacggcuaga.....	1
Gi5_8545291_x6.....	Uucacccaacagaucgg.....	1
Gi3_27518824_x6.....	uccggcgCaguauaacggcuag.....	1
Gi5_8542951_x6.....	cucacccaacagaCccgg.....	1
Gi5_8538079_x6.....	Cucucacccaacagaucgg.....	1
Gi2_10570907_x6.....	uccgUcguaguauaacggcuag.....	1
Gi1_3979981_x6.....	gguucucacccUacagaucgg.....	1

Gi5_8536669_x6.....	uccggcguaAuuaacggcua.....	1
Gi5_8537881_x6.....	uccggcguaaguauaacgAcuagaau.....	1
Gi3_27521662_x6.....	.....	1
Gi3_27462982_x6.....	.....gguucgGuucccgccgccc.....	0
Gi2_10548773_x6.....	.....ccggcguaaguauaacggcua.....	1
Gi2_10569563_x6.....	.....uucucacccaacagaCccg.....	1
Gi5_8532547_x6.....	.....gguucgguuucccgccgcccggc.....	1
Gi5_8558725_x6.....	.....gguucgguuucccgccgcccggc.....	1
Gi2_10545881_x6.....	.....gguucgguuucccgccgcccggc.....	1
Gi5_8553223_x6.....	.....ucAggcguaguauaacggcuag.....	1
Gi5_8536429_x6.....	.....guCucacccaacagauccgg.....	1
Gi5_8554213_x6.....	.....uccggcguaaguauUacggcuag.....	1
Gi2_10585175_x6.....	.....gguucgguuucccgccgcccU.....	1
Gi2_10545575_x6.....	.....gguucucaccccCacagauccg.....	1
Gi5_8546413_x6.....	.....gguucucaccccAaacagauccg.....	1
Gi1_3990703_x6.....	.....gguucucacUcaacagauccg.....	1
Gi1_3984469_x6.....	.....guuUgguuucccgccgcccggagc.....	1
Gi3_27491716_x6.....	.....uucucacccaacagauccgA.....	1
Gi3_27532678_x6.....	.....uucucacccaacagauUgg.....	1
Gi1_3987019_x6.....	.....gguucucaccccAaacagauccg.....	1
Gi1_3975613_x6.....	.....ugguucucacccaacagauUgg.....	1
Gi5_8536891_x6.....	.....gguucAuuucccgccgcccgg.....	1
Gi5_8550865_x6.....	.....gguucgGuucccgccgcccgg.....	1
Gi5_8554297_x6.....	.....gguucgguuucccgccgcccggA.....	1
Gi5_8534767_x6.....	.....gguucgUuuucccgccgcccgg.....	1
Gi5_8535937_x6.....	.....uccggcguaaguauaaGggcuaga.....	1
Gi1_3987505_x6.....	.....Gcggcguaaguauaacggcuaga.....	1
Gi1_3978553_x6.....	.....ggAucucacccaacagauccg.....	1
Gi3_27541582_x6.....	.....uucgguuucccgccgcccggA.....	1
Gi1_3980713_x6.....	.....Gcaccacacagauccgggu.....	1
Gi3_27538150_x6.....	.....uccAgcguaaguauaacggcuagaa.....	1
Gi1_5705266_x6.....	.....uccggcguaaguauCacggcuaga.....	1
Gi3_27524956_x6.....	.....gAucucacccaacagauccg.....	1
Gi2_10576511_x6.....	.....gCuucgguuucccgccgcccggA.....	1
Gi1_3993481_x6.....	.....gguucgguuucccgccgcccUcg.....	1
Gi5_8555773_x6.....	.....gguucgguuucccgccgcccggA.....	1
Gi2_10568933_x6.....	.....gguucgguuucccgccgcccggc.....	1
Gi5_8545813_x6.....	.....Ucggcguaaguauaacggcuaga.....	1
Gi3_27467050_x6.....	.....guGcucacccaacagauccg.....	1
Gi5_8550685_x6.....	.....ucUggguucgguuucccgcc.....	1
Gi5_8531065_x6.....	.....Uuaguauaacggcuagaa.....	1
Gi2_10551671_x6.....	.....uccgUcguaguauaacggcuagaa.....	1
Gi3_27468004_x6.....	.....gguucucacccaacagauccUgg.....	1
Gi5_8549311_x6.....	.....gguuAgauucccgccgcccggagc.....	1
Gi1_3990541_x6.....	.....ugguuAucacccaacagauccg.....	1
Gi1_3992857_x6.....	.....ugguuUucacccaacagauccg.....	1
Gi1_3992917_x6.....	.....ucgguuAcccgccgcccggagc.....	1

Gi3_27478312_x6.....	.uAcucacccaacagauccg.....	1
Gi5_8557789_x6.....	.gguucucacccaacagauccA.....	1
Gi5_8560399_x6.....	.ugguucCcacccaacagauccg.....	1
Gi3_27465052_x6.....	.....guucgauucccgcgccggU.....	1
Gi3_27477280_x6.....	.....Ugguucgauucccgcgccg.....	1
Gi5_8533417_x6.....	.....uucucacAcaacagauccg.....	1
Gi2_10554221_x6.....	.....uccggcguaguauaGcggcuag.....	1
Gi1_3976795_x6.....	.....guucucacccaacagauccA.....	1
Gi5_8544061_x6.....	.....uccggcguaguaCaacggcuagaau.....	1
Gi2_10551461_x6.....	.....gguucucacccaacGgauccg.....	1
Gi2_10580399_x6.....	.....guucgauucccgcgccAg.....	1
Gi1_3989029_x6.....	.....ugguucucaUccaacagauccg.....	1
Gi3_27521374_x6.....	.....guucgauucccgccCccgga.....	1
Gi3_27495448_x6.....	.....cCcacccaacagauccgg.....	1
Gi5_8547775_x6.....	.....guucgauAcccgcgccgg.....	1
Gi5_8542771_x6.....	.....guAcucacccaacagauccg.....	1
Gi1_3980503_x6.....	.....gguucgauCcccgcgccggagc.....	1
Gi1_3983311_x6.....	.....uccggcguaguauaGcggcuaga.....	1
Gi2_10562117_x6.....	.....gguucgauucccAgcggcg.....	1
Gi5_8531629_x6.....	.....guucucaccUacagauccg.....	1
Gi1_3988279_x6.....	.....Guccgauucccgcgccggagc.....	1
Gi1a_5719582_x6.....	.....Uuucgauucccgcgccg.....	1
Gi5_8535979_x6.....	.....uAguucucacccaacagauccg.....	1
Gi2_10586483_x6.....	.....guucCcacccaacagauccg.....	1
Gi5_8534227_x6.....	.....uccggcguaguauaaAggcuaga.....	1
Gi3_27515596_x6.....	.....gauucccgGgcccggagc.....	1
Gi1_3991123_x6.....	.....uccggcguaguauaUcgg.....	1
Gi3_27536362_x6.....	.....guucgauucccgcgccUg.....	1
Gi3_27531646_x6.....	.....guucucacccaacagauAccg.....	1
Gi5_8548093_x6.....	.....guucgauucccgccAccgga.....	1
Gi1_3990955_x6.....	.....uccggcguaguaCaacggcuaga.....	1
Gi2_10585691_x6.....	.....gguucgauucccgcgccAgga.....	1
Gi1_3989257_x6.....	.....uccggcguaguauaacAgcuagaau.....	1
Gi5_8555047_x6.....	.....uccggcguaguauaacUgcuaa.....	1
Gi1_3985957_x6.....	.....Agguucucacccaacagauccgg.....	1
Gi3_27527164_x6.....	.....gguucgauucccgAccgcccg.....	1
Gi3_27501688_x6.....	.....uGgauucccgcgccgga.....	1
Gi1_3985681_x6.....	.....guNcgauucccgcgccgg.....	1
Gi5_8550985_x6.....	.....gguucgauucccgcgccUgg.....	1
Gi2_10542875_x6.....	.....guucgauucccgcgccUgga.....	1
Gi1_3992587_x6.....	.....guAccgauucccgcgccgga.....	1
Gi3_27478264_x6.....	.....guucUauucccgcgccg.....	1
Gi3_27484126_x6.....	.....Ugcguaguauaacggcua.....	1
Gi1_3991351_x6.....	.....gauucccgcgccggagc.....	0
Gi5_8545987_x6.....	.....gguAccgauucccgcgccggagc.....	1
Gi2_10566947_x6.....	.....uccggcguaguauaacggcuagaC.....	1
Gi3_27511738_x6.....	.....guucgauucccgccAccg.....	1

Gi5_8531137_x6.....	gguucgGuucccgcgccgga.....	1
Gi2_10588361_x6.....	uccggcguaguauCacggcuagaau.....	1
Gi1_3990067_x6.....	uccggcguaguauaacggcuagGau.....	1
Gi2_10581317_x6.....	Cccggcguaguauaacggcuagaau.....	1
Gi3_27511798_x6.....	guucgauucccgcgUcgag.....	1
Gl1a_5716528_x6.....	Gccggcguaguauaacgg.....	1
Gi2_10574453_x6.....	gguCcgauucccgcgccgg.....	1
Gi5_8558587_x6.....	cucaccaCcagauccgg.....	1
Gi3_27525706_x6.....	guucgauuccUgcccgg.....	1
Gi5_8538685_x6.....	uccAgcguaguauaacggcuagaau.....	1
Gi2_10565009_x6.....	gguucgauuccUgcccgga.....	1
Gi5_8542441_x6.....	uccgAcguaguauaacggcuag.....	1
Gi1_3975235_x6.....	guucgauucccgcgccgCgc.....	1
Gi3_27533494_x6.....	uccggcGaguauaacggcua.....	1
Gi2_10575779_x6.....	gAucgauucccgcgccgga.....	1
Gi2_10546109_x6.....	gguucgauucccgcgccUgagc.....	1
Gi5_8561119_x6.....	Ugcuaguauaacggcuagaau.....	1
Gi1_3991867_x6.....	guucgauucccgUgcccga.....	1
Gl1a_5726536_x6.....	uccggcguaguauaacggcuagG.....	1
Gi3_27488302_x6.....	ucgauucccgcgccgCgc.....	1
Gi3_27535378_x6.....	gguuGgauucccgcgccgg.....	1
Gi5_8544295_x6.....	ccUaacagauccggguuc.....	1
Gi2_10578197_x6.....	uccggcguaguaCaacgg.....	1
Gi5_8544565_x6.....	uccggcguaguauaacggcAag.....	1
Gi1_3990013_x6.....	uccggcguaguauaacggcuagaaC.....	1
Gi2_10590599_x6.....	gguucgauuccUgcccg.....	1
Gi2_10566755_x6.....	guucgauuccUgcccggagc.....	1
Gi3_27527308_x6.....	uccggcguauauaacggcuagaau.....	1
Gi5_8543557_x6.....	cuUaccaacagauccgg.....	1
Gi1_3977671_x6.....	guucucaccaacagauAcgg.....	1
Gi3_27519514_x6.....	uugguCcucaccaacagaucc.....	1
Gi2_10558439_x6.....	cgauucccgcgccggagcguuG.....	1
Gi3_27509530_x6.....	acagauccggguucgauucccgcgccggagcC.....	1
Gi1_3987037_x6.....	gguucucaccaacagauccgU.....	1
Gi5_8544787_x6.....	guucucaccaacagCuccg.....	1
Gi1_3980473_x6.....	uccggcguaguGuaacggcu.....	1
Gi3_27475666_x6.....	ugguucucGcccaacagaucc.....	1
Gi5_8556079_x6.....	gguucucaccaacagauUcg.....	1
Gi1_3978493_x6.....	ugguucucaccaacagCuccg.....	1
Gi2_10551425_x6.....	cgauucccgcgccggagc.....	0
Gi2_10574765_x6.....	gguucgauucccgcgcA.....	1
Gi3_27465964_x6.....	ccggcguaguauaCcggc.....	1
Gi3_27544918_x6.....	uccggcAuaguauaacggc.....	1
Gi2_10578713_x6.....	Gagauccggguucgauucc.....	1
Gi5_8551537_x6.....	gguucgauuccAgcccgg.....	1
Gi5_8562907_x6.....	uccUgcuaguauaacggcuag.....	1
Gi2_10583597_x6.....	gguCcgauucccgcgccgga.....	1

Gi1_3980131_x6	guucucacccGacagauccg	1
Gi5_8548669_x6	gguuUgauucccgcgccgga	1
Gi5_8539447_x6	guucucaUccaacagauccg	1
Gi3_27510196_x6	gguucgauucccAgcgcc	1
Gi3_27459700_x6	uccggcguagCauaacggcuagaau	1
Gi2_10543823_x6	Cccggcguaguauaacggcua	1
Gi3_27509182_x6	uccggcguaguUuaacggcua	1
Gi2_10574855_x6	uccggcguaguauaaAggcuaga	1
Gi3_27463690_x6	gguucgaAuuccggcgccgga	1
Gi5_8547289_x6	gguucgauucccgAgccg	1
Gi1_3986503_x6	Aguucgauucccgcgccg	1
Gi5_8548675_x6	guucgauucccgGgccg	1
Gi5_8562469_x6	guucucacccaacagauUcg	1
Gi4_530649_x6	Uuucgauucccgcgccgga	1
Gi2_10578299_x6	cUauuccggcgccggagcguuuc	1
Gi1_3984025_x6	guucgauuNccggcgccgga	1
Gi3_27490564_x6	gguucucacccaacCgauccg	1
Gi1_3985861_x6	guCcgauucccgcgccggagc	1
Gi5_8543503_x6	gguucgauAcccgcgccggagc	1
Gi3_27484798_x6	uCcgauuccggcgccgga	1
Gi1_3975169_x6	Cuucgauucccgcgccg	1
Gi5_8561839_x6	gCuucgauucccgcgccgga	1
Gi2_10558097_x6	gguucgauuccggcgUggag	1
Gi1_3980905_x6	guucucacccaacagauUg	1
Gi2_10553141_x6	uccggcAuaguauaacggcuaga	1
Gi3_27493318_x6	guucucacccaacagauAg	1
Gi1_3981253_x6	guuGgauucccgcgccg	1
Gi3_27491776_x6	uccggGguaguauaacgg	1
Gi1_3976639_x6	uccggcguGguauaacggcu	1
Gi2_10563647_x6	gguuUgauucccgcgccggag	1
Gi3_27541906_x6	uAcggcguaguauaacgg	1
Gi2_10569353_x6	cUcaacagauccggguuc	1
Gi2_10541777_x6	gguucucGcccaacagauccg	1
Gi1_3980479_x6	guucgauucccgcgccA	1
Gi3_27509242_x6	aacagauccggguucgauuccggcgccggagc	0
Gi5_8531617_x6	gguucucacccaUcagauccg	1
Gi2_10570739_x6	Accggcguaguauaacggc	1
Gi3_27547384_x6	uucAcacccaacagauccgg	1
Gi5_8533591_x6	uccggcguaguauaacggcuGgaa	1
Gi5_8556055_x6	uccggcAuaguauaacggcuag	1
Gi5_8548897_x6	uccggcguaguGuaacgg	1
Gi5_8542105_x6	guucucacccaCcagauccgg	1
Gi5_8544871_x6	Auucucacccaacagauccgg	1
Gi1_3986059_x6	guucgauucccgcgccgU	1
Gi1_3992161_x6	guucgauucccgAccegga	1
Gl1a_5723356_x6	uccggcguagCauaacggcuaga	1
Gi1_3986179_x6	uccggUguaguauaacggcuagaau	1

Gi2_10567661_x6.....	.guucgauCcccggcgccg.....	1
Gi2_10548545_x6.....	.guucgauuccAgggcgccggagc.....	1
Gi2_10549547_x6.....	.gguucgauucccgccggcggaA.....	1
Gi1_3989989_x6.....	.ugguucucacccaacagauccAg.....	1
Gi3_27509992_x6.....	.guucgauuccAgggcgccggagc.....	1
Gi2_10547255_x6.....	.Gguccggcguaguauaacgg.....	1
Gi3_27482182_x6.....	.gguucgauucccgccggcgU.....	1
Gi3_27476716_x6.....	.uccggcguaguauaacggUuagaau.....	1
Gi2_10586393_x6.....	.uucucaccccGacagauccg.....	1
Gi5_8555503_x6.....	.guucgauuccAgcgccggagc.....	1
Gi5_8535757_x6.....	.Cguucgauucccgccggag.....	1
Gi1_3993703_x6.....	.uccggcguaguauaacggcuagaGu.....	1
Gi1_3978925_x6.....	.uGucacccaacagauccgg.....	1
Gi5_8531353_x6.....	.gguucgauucAcggcgccggagc.....	1
Gi3_27542590_x6.....	.ucgauucccgccggcgGgc.....	1
Gi2_10547435_x6.....	.uccggcguaguauaacggU.....	1
Gi2_10576583_x6.....	.ggAucgauucccgccggag.....	1
Gi3_27481582_x6.....	.Gguccggcguaguauaacggcuagaa.....	1
Gi1_3975787_x6.....	.uccgAcguaguauaacggcua.....	1
Gi5_8552635_x6.....	.uccggUguaguauaacggcuagaa.....	1
Gi1_3983947_x6.....	.gguucucacccaacagauccg.....	1
Gi3_27498148_x6.....	.Cucucacccaacagauccgg.....	1
Gi3_27531694_x6.....	.guuGgauucccgccggagc.....	1
Gi2_10589573_x6.....	.guucgauucccgUcgccgg.....	1
Gi3_27520810_x6.....	.uccggcguaguauaacggcAaga.....	1
Gi5_8563561_x6.....	.gguuUgauucccgccggag.....	1
Gi2_10564247_x6.....	.guCucacccaacagauccg.....	1
Gi1_3976723_x6.....	.guucCcacccaacagauccgg.....	1
Gi2_10556015_x6.....	.guucgauuccggcAccggag.....	1
Gi1_3988993_x6.....	.gguucgauucccgccggcCg.....	1
Gi2_10549907_x6.....	.guucgauucccgAcgccgga.....	1
Gi5_8533621_x6.....	.guucgauCcccggcgccgga.....	1
Gi1_3993187_x6.....	.gCucgauucccgccggc.....	1
G1a_5730928_x6.....	.guucucaccccCacagauccg.....	1
Gi3_27511150_x6.....	.gguuGgauucccgccggc.....	1
Gi5_8556733_x6.....	.gguucgauuccUggcgccgga.....	1
Gi3_27487786_x6.....	.gguucUauucccgccggc.....	1
Gi3_27518572_x6.....	.gguucgauuAccggcgccgga.....	1
G1a_5702458_x6.....	.Cguucgauucccgccggag.....	1
Gi3_27472150_x6.....	.guucgauucccgUcgccggagc.....	1
Gi5_8532835_x6.....	.uccggcguCguauaacggcuag.....	1
Gi3_27520444_x6.....	.gaCucccgccggagc.....	1
Gi1_3977395_x6.....	.guucucacccaacagauAcg.....	1
Gi5_8560951_x6.....	.uucucacccaacagauAcg.....	1
Gi3_27515602_x6.....	.Gcucacccaacagauccgg.....	1
Gi5_8549155_x6.....	.ucucGcccaacagauccg.....	1
Gi3_27534442_x6.....	.uccggcguaguCuaacgg.....	1

Gi3_27507706_x6.....	.guAcgauucccgcgccg.....	1
Gi2_10580027_x6.....	.Gcgauucccgcgccggag.....	1
Gi3_27459346_x6.....	.gguucgauuccGggcgccggag.....	1
Gi5_8532871_x6.....	.gguucgauucccgcgAg.....	1
Gi2_10574429_x6.....	.Ccgauucccgcgccggagc.....	1
Gi2_10587971_x6.....	.gguucgauucAcggcgccggag.....	1
Gi1_3990205_x6.....	.Aguucgauucccgcgccggag.....	1
Gi5_8542753_x6.....	.uccggcguUguauaacggcuaga.....	1
Gi5_8533807_x6.....	.gguucgauucccgcgccgAa.....	1
Gi5_8562223_x6.....	.guucgaGucccgcgccgg.....	1
Gi5_8554093_x6.....	.uUguucucacccaacagauccgg.....	1
Gi3_27548074_x6.....	.cgauucccgcgccAgagc.....	1
Gi3_27470788_x6.....	.gguucgaGucccgcgccggagc.....	1
Gi2_10566929_x6.....	.guucucacccaacGgauccg.....	1
Gi5_8551669_x6.....	.ugguucucacccaacagauUg.....	1
Gi3_27539296_x6.....	.Gcggcguaguauaacggc.....	1
Gi3_27517384_x6.....	.uccgAcguaguauaacggc.....	1
Gi2_10561487_x6.....	.guucUauucccgcgccgga.....	1
Gi5_8537029_x6.....	.uccggcguaguauaacggcuUg.....	1
Gi3_27489004_x6.....	.ugguucucNcccaacagauc.....	1
Gi3_27521212_x6.....	.ucAgggcguaguauaacgg.....	1
Gi2_10580909_x6.....	.uccggcguaguauaUcggcuagaau.....	1
Gi1_3978103_x6.....	.Cguucgauucccgcgccggagc.....	1
Gi2_10544189_x6.....	.gguuGgauucccgcgccg.....	1
Gi5_8562331_x6.....	.guucgauuccCcgccg.....	1
Gi5_8560213_x6.....	.gUuucgauucccgcgccggagcguuu.....	1
Gi5_8541073_x6.....	.guucgauucccgUcgccg.....	1
Gi3_27484174_x6.....	.gguucgauucccgcgccU.....	1
Gi3_27525220_x6.....	.uucgauucccgcgccggC.....	1
Gi5_8563153_x6.....	.ugguucucacccGacagauccg.....	1
Gi2_10567193_x6.....	.gguucgauucccgcgAcggag.....	1
Gi3_27501868_x6.....	.gguucgauucccgGgcccggag.....	1
Gi3_27523864_x6.....	.cUgcguaguauaacggcuagaau.....	1
Gi3_27469624_x6.....	.Gagauccggguucgauuccc.....	1
Gi3_27494680_x6.....	.uucucacAcaacagauccgg.....	1
Gl1_5726860_x6.....	.ucUggcguaguauaacggcuaga.....	1
Gi2_10588049_x6.....	.guucucacAcaacagauccg.....	1
Gi5_8554057_x6.....	.ggUGcgauucccgcgccg.....	1
Gi3_27464092_x6.....	.guucgauucccgcgAg.....	1
Gi1_3982381_x6.....	.guucgauuccUggcgccg.....	1
Gi2_10569701_x6.....	.gguucgauuccggcAccg.....	1
Gi1_3999010_x5.....	.uccggcguaguauaaUggcuag.....	1
Gi3_27595842_x5.....	.gguucgUuucccgcgccgga.....	1
Gi2_10631330_x5.....	.gguucgauucccgGgccc.....	1
Gi2_10606795_x5.....	.gguucgauuccUggcgccgga.....	1
Gi2_10623935_x5.....	.uccggcguagCauaacggcuagaa.....	1
Gi1_4008040_x5.....	.guucgauucccgcgGcgagc.....	1

Gi2_10627080_x5.....	guucgauucccgAgccg.....	1
Gi1_4004905_x5.....	gUcguaguauaacggcua.....	1
Gi1_4006725_x5.....	uucAcaccaacagauccg.....	1
Gi1_4011145_x5.....	uggCucucaccaacagauccg.....	1
Gi2_10605435_x5.....	ucgauuccNggcgccggag.....	1
Gi3_27581747_x5.....	gguucgauucccggcAgg.....	1
Gi1_3999765_x5.....	uccggcguaguauaacggcuCg.....	1
Gi1_4010535_x5.....	ugguucucaccaacUgauccg.....	1
Gi1_4007875_x5.....	uucucaccaacagaCccg.....	1
Gi1_4016545_x5.....	guucucaccaacagaCccg.....	1
Gi1_4002010_x5.....	uccggcguaguauaacgAc.....	1
Gi3_27574422_x5.....	uucgauucccgUgccggagc.....	1
Gi3_27581737_x5.....	guucgauucccggcAgcgag.....	1
Gi3_27599387_x5.....	uucgauucccggcgcggG.....	1
Gi2_10645415_x5.....	guucAauucccggcgcg.....	1
Gi3_27604427_x5.....	guccggcguaguauaacggcua.....	0
Gi3_27640892_x5.....	uucucacccUacagauccg.....	1
Gi5_8580147_x5.....	gguucucaAccaacagauccg.....	1
Gi5_8597617_x5.....	gguucgauuccAgcgccggag.....	1
Gi5_8592172_x5.....	gguucgauucccggcgcggU.....	1
Gi3_27583507_x5.....	guucucacAcaacagauccg.....	1
Gi3_27559677_x5.....	uccggcguUguauaacggcuagaa.....	1
Gi3_27549482_x5.....	gCuucgauucccggcgc.....	1
Gi2_10628225_x5.....	gguucgaGucccggcgcggagc.....	1
Gi1_4017635_x5.....	guucgauucccggcgcggC.....	1
Gi3_27636442_x5.....	Cuucucaccaacagauccg.....	1
Gi3_27619477_x5.....	Aucucaccaacagauccg.....	1
Gi1_4004260_x5.....	ugguucucaccaacagauccg.....	1
Gi5_8595782_x5.....	gCucucaccaacagauccg.....	1
Gi5_8594042_x5.....	gguucgauucccgUgccgga.....	1
Gi1_4013905_x5.....	uccggcguaguauaacggcuagaC.....	1
Gi5_8594797_x5.....	guAcgauucccggcgcggga.....	1
Gi5_8571147_x5.....	guucgauucccggcAgga.....	1
Gi3_27555052_x5.....	agauccggguucgauucccggcgcgg.....	0
Gi3_27614012_x5.....	guucucaccaacGgauccg.....	1
Gi5_8590737_x5.....	gAuucgauucccggcgcgg.....	1
Gi2_10623165_x5.....	gCucgauucccggcgcggga.....	1
Gi3_27621692_x5.....	gguuUgauucccggcgcgg.....	1
Gi2_10615215_x5.....	gguucgauucccgCgcggagc.....	1
Gi1_4006035_x5.....	guucucaccaacagauUgg.....	1
Gi1_4004885_x5.....	uucucaccaacagauUcg.....	1
Gi3_27651257_x5.....	gguucAauucccggcgcgg.....	1
Gi3_27640812_x5.....	cccaacagaGccggguucgauucc.....	1
Gi3_27600207_x5.....	uccggcguaguauUacggc.....	1
Gi5_8573337_x5.....	cUgcguaguauaacggcuagaa.....	1
Gi1_3999595_x5.....	gAucucaccaacagauccg.....	1
G1a_5752502_x5.....	uccggcguaguauGcggcuag.....	1

Gi3_27604932_x5.....	ucucacccaacagaCccg.....	1
Gi3_27593912_x5.....	gguucgauUccggcgcc.....	1
Gi1_4016980_x5.....	uccggcguaguauUacgg.....	1
Gi2_10629720_x5.....	uccggcguaguauUacggcuaga.....	1
Gi5_8597282_x5.....	cucacccaacagCuccgg.....	1
Gi1_4011795_x5.....	ugguucucacccaacagGuccg.....	1
Gi1_4014305_x5.....	gguucgauGccggcgccgg.....	1
Gi1_4008310_x5.....	guucuUacccaacagauccg.....	1
Gi5_8593517_x5.....	ugguucucacccaacagaCccg.....	1
Gi2_10648380_x5.....	Cccggcguaguauaacggcuag.....	1
Gi1_4016230_x5.....	Uuugguucucacccaacagauccgggu.....	1
Gi1_3995650_x5.....	ucGggcguaguauaacgg.....	1
Gi5_8568342_x5.....	gUuucgauuccggcgccggagcguu.....	1
Gi2_10602855_x5.....	guuAgauuccggcgccggagc.....	1
Gi2_10594165_x5.....	gguucgauuccAgggcc.....	1
Gi2_10645020_x5.....	gguucgauUccggcgccggag.....	1
Gi2_10626655_x5.....	gguucgauuccggGgcccga.....	1
Gi2_10642120_x5.....	guucgauuccggcgGggagc.....	1
Gi2_10628090_x5.....	agaugguugguCcucacc.....	1
Gi5_8577957_x5.....	uccggcguaguauaacggAuagaau.....	1
Gi1a_5753682_x5.....	gguuUgauuccggcgccggagc.....	1
Gi1_4011125_x5.....	uccggcguaguauaCgg.....	1
Gi1_4017165_x5.....	uucucacAcaacagauccgg.....	1
Gi2_10617425_x5.....	uccggcguaguaCaacggc.....	1
Gi2_10617540_x5.....	uUgauuccggcgccggagc.....	1
Gi2_10604695_x5.....	gguucgauuccggAgcccggag.....	1
Gi2_10643425_x5.....	guucgauuccggcgccggaCc.....	1
Gi2_10633100_x5.....	uccggcguaguauaaUgg.....	1
Gi5_8588232_x5.....	Ugcuaguauaacggcuagaa.....	1
Gi5_8579392_x5.....	guucgauuAccggcgccgg.....	1
Gi3_27644187_x5.....	guucgUuuccggcgccggag.....	1
Gi2_10626120_x5.....	gguGcgauuccggcgccggagc.....	1
Gi3_27622827_x5.....	gguucgauuccggcCccgga.....	1
Gi1_4004970_x5.....	uccggcguaguaCaacggcuag.....	1
Gi1_4005055_x5.....	agUuccggguucgauucc.....	1
Gi3_27601762_x5.....	gguucgauuccggGgcccgga.....	1
Gi2_10648035_x5.....	uccggcguaguauaacggcuagUau.....	1
Gi5_8591757_x5.....	gguucgauuccggcAccgg.....	1
Gi3_27621612_x5.....	uccggcguauauaacggcuag.....	1
Gi2_10592560_x5.....	uucucacccaacagauccC.....	1
Gi3_27608552_x5.....	uccggcgGaguauaacgg.....	1
Gi3_27586067_x5.....	gUguucgauuccggcgccggag.....	1
Gi3_27588697_x5.....	guucgauuccggAcgcccggag.....	1
Gi1_4017240_x5.....	guucgauuNccggcgccggagc.....	1
Gi2_10615105_x5.....	agUuccggguucgauucc.....	1
Gi5_8596682_x5.....	uccggcguauauaacggcuag.....	1
Gi2_10599780_x5.....	gguucgauuccggcgAggag.....	1

Gi1_4006810_x5	uccggcguaguUuaacgg		1
Gi3_27566502_x5		gguucgauucccgcgUcg	1
Gi5_8571622_x5		gguucgauCcccgcgccggag	1
Gi1_4001675_x5		Ccucaccaacagauccgg	1
Gi3_27583602_x5	uccggcguaguauaacggcuaC		1
Gi3_27641547_x5		ucUauucccgcgccggag	1
Gi3_27630192_x5	uccggcguaguauaUcgg		1
Gi5_8590502_x5		gguucgauucccgcgUcg	1
Gi2_10623980_x5	uccggcguUguauaacggcuagaau		1
Gi1_4011340_x5		gguucgCuucccgcgccg	1
Gi5_8585457_x5	uccggcguaguauaacggcC		1
Gi3_27574032_x5		Gacccaacagauccggguuc	1
Gi3_27551882_x5	uccggcguaguUuaacggc		1
Gi3_27617207_x5		gguucucaccaacagauUcg	1
Gi5_8576487_x5		uuUucaccaacagauccgg	1
Gi1_3996660_x5		uucucaccaacagCuccg	1
Gi2_10598525_x5		guucgauucccgcgccggUgc	1
Gi2_10592830_x5		guucgUuucccgcgccggagc	1
Gi2_10591920_x5		gguucgauucccgcgUgg	1
Gi5_8575727_x5		gguucucaccaacagauccggA	1
Gi1_4014530_x5		gCuucucaccaacagauccg	1
Gi3_27635172_x5		gguucucaccaacUgauccg	1
Gi3_27606822_x5	ucAggcguaguauaacggcuagaa		1
Gi2_10633035_x5		guAcgauucccgcgccggag	1
Gi2_10636470_x5	uccCgcguaguauaacggcuaga		1
Gi2_10624170_x5		gguucgauucccgcgccAg	1
Gi1_3995530_x5		gguucgauucccgcgAcggagc	1
Gi1_3998275_x5		guucgauucccgcgAcgga	1
Gi2_10642580_x5		gAucgauucccgcgccgg	1
Gi1_4011460_x5		aUagauccggguucgauucc	1
Gi1_4011240_x5		guucucaccaacagauccggU	1
Gi3_27642202_x5		gguAcgauucccgcgccgga	1
Gi5_8566407_x5		uucucacUcaacagauccg	1
Gi5_8599527_x5	uccggcguaguauaCcgguag		1
Gi1_3994800_x5		cucaccaacagGuccgg	1
Gi3_27566402_x5		guucucacccGacagauccg	1
Gi2_10603410_x5	uccggcguaguauaaUggcua		1
Gi1_4012755_x5		uGcgauucccgcgccggagc	1
Gi5_8592097_x5		gguuGgauucccgcgccggagc	1
Gi4_536278_x5		gguucgauucccgcgccg	0
Gi3_27605667_x5		uGcucaccaacagauccggguuc	1
Gi3_27559772_x5		cagauccggGucgauucc	1
Gi5_8566427_x5		uucucGcccaacagauccg	1
Gi3_27551832_x5		gguucgauCcccgcgcc	1
Gi3_27651732_x5		guucgauucccgGgaccggag	1
Gi3_27608742_x5		ggAucgauucccgcgcc	1
Gi3_27585937_x5		uucucaccaacagauUcg	1

Gi3_27653367_x5	.....uucgaCucccgcgccggagc	1
Gi2_10616180_x5	.....guucgauucccgUcgccg	1
Gi5_8590282_x5	.....gguCcgauucccgcgccgga	1
Gi3_27577512_x5	.....guucgauucccgcgUcg	1
Gi1_4002880_x5	.....guucgauucccgcgUcggagc	1
Gi5_8596177_x5	.....ucucaccaacCgauccg	1
Gi3_27633117_x5	.....Cccggcguaguauaacggcuagaa	1
Gi2_10630885_x5	.....ucgauucccgcgccggCgc	1
Gi3_27650387_x5	.....gguNcgauucccgcgccgga	1
Gi1_3995685_x5	.....Gcgauucccgcgccggagc	1
Gi1_4007795_x5	.....ugguucuUaccaacagauccgg	1
Gi5_8592582_x5	.....gguucuAaccaacagauccg	1
Gi1a_5760217_x5	.....ggCucgauucccgcgccggagc	1
Gi3_27606677_x5	.....ugguucucacccGacagauccg	1
Gi5_8567237_x5	.....uccggcguNguauaacggcuagaa	1
Gi1_4005990_x5	.....uccAgcguaguauaacggcuag	1
Gi1_4005280_x5	.....uccggcguaguauGacggcuag	1
Gi5_8591027_x5	.....guucgauucccgcgccggU	1
Gi3_27561792_x5	.....uGucaccaacagauccg	1
Gi1_4001215_x5	.....gguucgauucccgAgccgg	1
Gi1_3997850_x5	.....guucucaccaaUagauccg	1
Gi2_10620790_x5	.....uccggcguaguauaacggcCag	1
Gi1a_5752867_x5	.....gguucgauucccgcgccggGgc	1
Gi3_27591482_x5	.....uccggUguaguauaacggcuagaa	1
Gi1_4014775_x5	.....uccggcguaguauaacggcuagCau	1
Gi3_27612727_x5	.....gguucgauucGcgcgccggagc	1
Gi5_8568887_x5	.....uccNgcguaguauaacggcuag	1
Gi2_10638655_x5	.....guucgauucccgcgUggag	1
Gi5_8592012_x5	.....Cuucgauucccgcgccggagc	1
Gi5_8586612_x5	.....gguucgauucccgUgccgg	1
Gi2_10617660_x5	.....uccggcgCaguauaacgg	1
Gi5_8591902_x5	.....uccggcAuaguauaacggcuagaa	1
Gi5_8579307_x5	.....guucucaccaaUagauccg	1
Gi2_10602770_x5	.....gguucgauucccgUcgccggagc	1
Gi2_10605510_x5	.....uccNgcguaguauaacggcuaga	1
Gi5_8580837_x5	.....uccggcguaguauaCggcuagaa	1
Gi3_27611272_x5	.....guucgUuucccgcgccgga	1
Gi5_8598052_x5	.....uCuucucaccaacagauccg	1
Gi2_10606495_x5	.....gguucucaccaCagauccg	1
Gi1_4015505_x5	.....guucgauucccgGgccgg	1
Gi1_3994160_x5	.....Cgguucucaccaacagauccg	1
Gi1_4005095_x5	.....Cuucucaccaacagauccg	1
Gi3_27613417_x5	.....uGaccaacagauccggguuc	1
Gi3_27572302_x5	.....gguucgauuccUcgcc	1
Gi3_27596067_x5	.....uucucaccUaacagauccg	1
Gi5_8570782_x5	.....guucuUaccaacagauccg	1
Gi5_8598692_x5	.....uucucacccGacagauccg	1

Gi1_4010130_x5	uucucacccaacagauAcg	1
Gi1_3997125_x5	guucAcacccaacagauccg	1
Gi5_8588572_x5	acagauccggguucgauucccgcgccggagcC	1
Gi5_8581037_x5	gguucgauCcccgcgcc	1
Gi1_4017445_x5	ggcguaguauaacggcuagaau	0
Gi2_10634505_x5	guucgauucccgcgAcgga	1
Gi5_8589032_x5	gguucgauucccgcgccggagcU	1
Gi1_4005840_x5	cGggcguaguauaacggcua	1
Gi3_27600652_x5	ucgauuccNggcgccggag	1
Gi1_4014320_x5	uucucacccaacCgauccg	1
Gi3_27610652_x5	ucgauucUcggcgccggagc	1
Gi5_8576632_x5	cucacccaGcagauccgg	1
Gi5_8577237_x5	cGcaacagauccggguuc	1
Gi2_10591075_x5	uccggGguaguauaacggcuaga	1
Gi1_4010650_x5	guucgauucccgcgccggagcgC	1
Gi3_27585387_x5	uccggcguaguauaacggcuaAaa	1
Gi5_8600352_x5	guucgauCcccgcgccggagc	1
Gi3_27655387_x5	Gaacagauccggguucgauucc	1
Gi2_10642000_x5	ggNucgauucccgcgccggagc	1
Gi1_4000445_x5	gguucgauucccgcgccgA	1
Gi1_4015315_x5	uucucacccaacagauAcg	1
Gi5_8575312_x5	guucgauuccUggcgccggagc	1
Gi3_27630187_x5	uucucaccccGacagauccgg	1
Gi1_4010015_x5	guGcucacccaacagauccgg	1
Gi1_4002305_x5	uccgUcguaguauaacggcuaga	1
Gi2_10604880_x5	gguucgauuccAggcgccgga	1
Gi1_4009640_x5	ucgauuccNggcgccggagc	1
Gi3_27588207_x5	agUuccggguucgauucc	1
Gi1_4003010_x5	uucucacccaacagauccgA	1
Gi1_3995895_x5	ugguAcucacccaacagauccgg	1
Gi1_4008185_x5	uccAgcguaguauaacggcua	1
Gi5_8601592_x5	guucgauucccgcgccC	1
Gi3_27654967_x5	gguucgauucccgcgccCga	1
Gi5_8574987_x5	uccggcguaguauaacggUuagaau	1
Gi3_27567322_x5	gauucccgcgccggCgc	1
Gi5_8588937_x5	uccAgcguaguauaacggcua	1
Gi5_8570127_x5	uucucacccaCcagauccgg	1
Gi3_27562322_x5	uccggcguaguauaacggAuagaau	1
Gi5_8596607_x5	ggAucgauucccgcgcc	1
Gi2_10622310_x5	gCuucgauucccgcgccg	1
Gi5_8571647_x5	gUcguaguauaacggcuagaau	1
Gi1_4000140_x5	ugguAucucacccaacagauccgg	1
Gi1_4010410_x5	Auucgauucccgcgccg	1
Gi2_10613545_x5	ucgauucccgcgccggUgc	1
Gi5_8593232_x5	uccggcguaAuauaacggcuagaau	1
Gi5_8587617_x5	uccggcguaguauaacggcuagaC	1
Gi1_3997310_x5	uccgUcguaguauaacggc	1

Gi3_27656182_x5.....	gguucucacccaacaAuucgg.....	1
Gi2_10630205_x5.....	guucucacccaacCgauccg.....	1
Gi1_3993955_x5.....	uccggcguaguauaCggcuag.....	1
Gi5_8566167_x5.....	gUguucgauucccgcgccggagc.....	1
Gi3_27584367_x5.....	gguucgauucccgCcgccggagc.....	1
Gi5_8598067_x5.....	uccggAguaguauaacggcuagaau.....	1
Gi5_8582857_x5.....	gguucgauuAccggcgccggagc.....	1
Gi1_4015470_x5.....	guucgauucGcgcgccgg.....	1
Gi2_10605985_x5.....	uccggcguaguauaacggcuUga.....	1
Gi5_8598202_x5.....	Cuucucacccaacagauccgg.....	1
G1a_5746312_x5.....	Gccggcguaguauaacggcua.....	1
Gi1_3996275_x5.....	uccggcguaguauaaUggcuagaau.....	1
Gi2_10602395_x5.....	uccggcguaguauaacgAcuagaau.....	1
Gi1_4006845_x5.....	uggGucucacccaacagauccgg.....	1
Gi1_4012760_x5.....	uucucacccaacagauccA.....	1
Gi5_8567422_x5.....	uccggcguaguauaacggcuUga.....	1
Gi3_27589007_x5.....	guucgauucccgUcgccggag.....	1
Gi1_4011940_x5.....	uccggcguUguauaacgg.....	1
Gi1_4016660_x5.....	guucucacccaacagauccAg.....	1
Gi2_10644650_x5.....	gguucucacccaacagauccAg.....	1
Gi2_10622855_x5.....	gguucgauucccgcgccggCag.....	1
Gi2_10646650_x5.....	cUgguucgauucccgcgccggga.....	1
G1a_5760192_x5.....	uccggcgCaguauaacggcuaga.....	1
Gi5_8600132_x5.....	uccggcgCaguauaacgg.....	1
Gi2_10632270_x5.....	uccggUguaguauaacggcuag.....	1
Gi5_8602037_x5.....	ucaccaacGgauccggguu.....	1
Gi5_8584982_x5.....	gguucgauucccgUgccc.....	1
Gi2_10596120_x5.....	guucgCuucccgcgccggagc.....	1
Gi3_27619017_x5.....	gguucgauucccgcgccCg.....	1
Gi1_3995460_x5.....	uuAucacccaacagauccg.....	1
G1a_5739327_x5.....	ucUggcguaguauaacggcuag.....	1
Gi2_10610005_x5.....	Uuucucacccaacagauccgggu.....	1
Gi3_27604532_x5.....	guCucacccaacagauccgg.....	1
Gi1_4003445_x5.....	gguucgauNcccgcgccggag.....	1
Gi4_535038_x5.....	Gugguucucacccaacaga.....	1
Gi3_27626252_x5.....	uccggcguaguauaaGgg.....	1
Gi2_10628725_x5.....	uccggcguaguCuaacggcua.....	1
Gi5_8572457_x5.....	ugguucucacccaGcagauccg.....	1
Gi3_27567232_x5.....	uucucacccaacagauccC.....	1
Gi2_10648950_x5.....	uccggcguaguauCacggcua.....	1
Gi2_10646330_x5.....	uccggcguaguCuaacggc.....	1
G1a_5735567_x5.....	guCcgauucccgcgccgg.....	1
Gi5_8594457_x5.....	guucgauuccUggcgccggga.....	1
Gi3_27591427_x5.....	ucgauuccNggcgccggga.....	1
Gi3_27647232_x5.....	uccgAcguaguauaacggcuagaau.....	1
Gi5_8598442_x5.....	guucgaGuucccgcgccggagc.....	1
Gi1_4003600_x5.....	uGcgcgguaguauaacggcuagaau.....	1

Gi3_27623577_x5	.....gguucgauucccggcUccgga	1
Gi3_27561947_x5	.....uccggcgAaguauaacggcuagaa	1
Gi1_4006125_x5	.....gguucgauucccggcgcccAa	1
Gi5_8575227_x5	.....gguucgauucccggcgccc	1
Gi5_8573097_x5	.....uccggcgCguauaacggc	1
Gi2_10630340_x5	.....gguuGgauucccggcgcccggag	1
Gi3_27595807_x5	.....ucgauucccgUgcccggagc	1
Gi3_27618362_x5	.....Gcaccacacagauccggguuc	1
Gi5_8581882_x5	.....Agguucucacccaacagauccg	1
Gi2_10601940_x5	.....ucUggcgaguauaacggcuagaa	1
Gi1_4011745_x5	.....uucuGacccaacagauccg	1
Gi5_8568272_x5	.....uccggcgaguauaacggU	1
Gi1_3999215_x5	.....uucgauucNcgcgccc	1
Gi3_27607117_x5	.....ucgauucccggcgcccAagc	1
Gi2_10603755_x5	.....guucucacccaCagauccg	1
Gi3_27635117_x5	.....gguucAauucccggcgccc	1
Gi2_10607020_x5	.....guucucacccaacagaCccg	1
Gi2_10614235_x5	.....gguucgauucccgUgccc	1
Gi5_8573662_x5	.....ugguCucacccaacagauccg	1
Gi2_10622525_x5	.....uccggcgGguauaacggcuagaa	1
Gi1_3995375_x5	.....gguucgauucccggcgcccAga	1
Gi1_3996170_x5	.....gguucgauucccggcgcccC	1
Gi5_8571332_x5	.....uccggcgUguauaacggcuag	1
Gi1_5740252_x5	.....uccggcgNguauaacggcuaga	1
Gi5_8565527_x5	.....cccaacagNuccggguuc	1
Gi1_3996520_x5	.....gguucUauucccggcgcccga	1
Gi1_4013950_x5	.....ugguucucacccaGcagauccg	1
Gi5_8575022_x5	.....gguucgaCucccggcgcccggag	1
Gi5_8569292_x5	.....gguucgaCucccggcgcccga	1
Gi5_8598422_x5	.....uccggcgaguauGacggcua	1
Gi5_8577467_x5	.....guAcgauucccggcgcccggagc	1
Gi1_5747067_x5	.....uccggcgaguauaacggcuagC	1
Gi3_27574737_x5	.....gguucgauucccggcgcccCa	1
Gi5_8590952_x5	.....gguucucacccaaAagauccg	1
Gi1_4015240_x5	.....uucucacAaacagauccg	1
Gi5_8576682_x5	.....uGgguucucacccaacagauccg	1
Gi1_4005155_x5	.....gguucgauNcccgggcgcccga	1
Gi5_8578112_x5	.....gguucucaccAaacagauccg	1
Gi5_8601712_x5	.....ugguucucacccaacagauAccg	1
Gi2_10627645_x5	.....gguucgauAcccggcgccc	1
Gi2_10630375_x5	.....gguucgauCcccgggcgccc	1
Gi1_4003015_x5	.....gguucgauucccggcgcccUg	1
Gi3_27598827_x5	.....gUcguaguauaacggcuag	1
Gi2_10592435_x5	.....gguCucacccaacagauccg	1
Gi3_27605632_x5	.....uccggcgaguauaacggcuCg	1
Gi3_27574097_x5	.....uccggcgaguauaacggcuag	1
Gi5_8582642_x5	.....uccggcgCaguauaacggcua	1

Gi1_4009905_x5	.....uucucacccGacagaucgg.....	1
Gi3_27550742_x5	.....guucgaAuccggcgccggagc.....	1
G1a_5763772_x5	.....gGucgauucccgcgccg.....	1
Gi5_8637731_x4	.....uccggcguaAuuaaacggcua.....	1
Gi3_27753009_x4	.....cGacagaucggguucgauuccc.....	1
Gi5_8642743_x4	.....uccggcguaAuuaaacgg.....	1
Gi3_27772193_x4	.....Ccucacccaacagauccg.....	1
Gi1_4029016_x4	.....ucucacccNacagauccg.....	1
Gi1_4026056_x4	.....ggGucucacccaacagauccg.....	1
Gi1_4043464_x4	.....ggCucgauucccgcgccg.....	1
Gi5_8636555_x4	.....uccggcguaGauaacggcuag.....	1
Gi3_27686413_x4	.....ugguucucacccaacagaCccg.....	1
Gi2_10666019_x4	.....guucgauucccgcgccAgga.....	1
Gi2_10714383_x4	.....uucCcacccaacagauccg.....	1
G1a_5806874_x4	.....uccggcguaGauaacAgc.....	1
Gi1_4043600_x4	.....uccggcguaGauaacggcuaga.....	1
Gi3_27737637_x4	.....gguucgauucccgcgccggaC.....	1
Gi5_8642943_x4	.....AccggcguaGauaacggcua.....	1
Gi1_4045912_x4	.....ucGggcguaGauaacggcuag.....	1
Gi5_8609195_x4	.....guucucacccaacagauAccg.....	1
Gi2_10690695_x4	.....gguucgGuucccgcgccgg.....	1
Gi1_4037508_x4	.....uccggcguaGauaacggAua.....	1
Gi2_10660663_x4	.....uucgauucNcgcgccgg.....	1
Gi1_4021276_x4	.....uccggcguaGauaacCggc.....	1
Gi1_4040124_x4	.....guCcgauucccgcgccgga.....	1
Gi2_10723707_x4	.....ucgauuccUggcgccggagc.....	1
Gi5_8611723_x4	.....gauccggguucgauuccc.....	0
Gi3_27733425_x4	.....uccgCcguaGauaacggcua.....	1
Gi3_27777017_x4	.....guucucacccaacagCuccg.....	1
Gi3_27723821_x4	.....ccggcguaGauaacggcuagG.....	1
G1a_5790914_x4	.....gguucgGuucccgcgccggagc.....	1
Gi2_10671651_x4	.....uccggcguaGauaacggAuaga.....	1
Gi1_4025668_x4	.....guucgauucccgcgUcgga.....	1
Gi3_27735613_x4	.....guucgauucccgcgUggag.....	1
Gi5_8640951_x4	.....cucacccaacGgauccgg.....	1
Gi5_8624019_x4	.....guucgauucUcgcgccggagc.....	1
Gi2_10711235_x4	.....uucucacccaacaAuccgg.....	1
Gi3_27680801_x4	.....gguucgauucccgcgCccggag.....	1
Gi2_10679567_x4	.....uccggcguaGauaacggcCagaa.....	1
Gi2_10681647_x4	.....gguucCauucccgcgccggagc.....	1
Gi2_10658783_x4	.....uccggcguaGauaaaUggcuagaau.....	1
Gi1_4029512_x4	.....ugguucucacccaacagauccUg.....	1
Gi5_8645679_x4	.....uccggcguaGaaacggcua.....	1
Gi5_8636847_x4	.....uucucacccaacagauccgAguuc.....	1
Gi2_10724311_x4	.....gguucgauucccAgcgccgg.....	1
Gi3_27696025_x4	.....guucucacccaacagauccggguucga.....	0
Gi5_8638887_x4	.....guucgauucCcgcgccgga.....	1

Gi2_10704539_x4	Agguucgauucccgcgccggagc	1
Gl1a_5776354_x4	gguucgauucccgcgccggagcCu	1
Gi5_8627359_x4	gguucgauucccgAgcc	1
Gi2_10684211_x4	gguucgauuccUggcgccgg	1
Gi1_4040728_x4	guucucCcccaacagauccgg	1
Gi3_27770765_x4	cUggcgguaguauaacggc	1
Gi3_27687713_x4	uccggcgguaguauaacggcuagaauU	1
Gi3_27680249_x4	GguccggcgguaguauaacggcuagaauG	1
Gi2_10709991_x4	uccAgcgguaguauaacgg	1
Gi2_10665471_x4	uccggcgguaguauaacggcua	1
Gi3_27719873_x4	uccggcgguaguauUacggcu	1
Gi3_27730345_x4	gguucgauuAccggcgccgg	1
Gi5_8618779_x4	uccggcgguGguauaacggcuagaau	1
Gi3_27793401_x4	uccggcgguaguauaacggcuCgaa	1
Gi3_27790573_x4	guucgaGucccggcgccggag	1
Gi3_27757405_x4	uccggcgguaguauaacggcuag	1
Gi1_4028852_x4	guucgGuucccgcgccgga	1
Gi5_8612143_x4	uucucaccaacagauCag	1
Gi1_4019692_x4	uGucaccaacagauccg	1
Gi3_27739557_x4	gguucgauucccgcgccC	1
Gi5_8636211_x4	ucNggcgguaguauaacggcuaga	1
Gi5_8635967_x4	uucucaUccaacagauccg	1
Gi3_27667689_x4	caacagauNcggguucga	1
Gi5_8649707_x4	uucucaccUaacagauccg	1
Gi2_10666835_x4	Acgauucccgcgccggagc	1
Gl1a_5793414_x4	uccggcgguaguauaacggcuGga	1
Gi5_8623915_x4	gguucgauucccgAgccggag	1
Gi2_10693463_x4	gguucgauuccAggcgccg	1
Gi2_10672991_x4	guAcgauucccgcgccgga	1
Gi5_8607155_x4	Gccaacagauccggguuc	1
Gi1_4021920_x4	uccggcgguaguauaaUggc	1
Gi1_4041980_x4	uccggcgguaguCuaacggcua	1
Gi3_27734861_x4	uccggcgguaguCuaacggcuagaau	1
Gi3_27717393_x4	uccggcgguaguauaacggcGa	1
Gi5_8647855_x4	uccggcgguUguauaacggcua	1
Gi5_8608251_x4	ucGggcgguaguauaacggcuaga	1
Gi5_8631527_x4	uGcgauucccgcgccgg	1
Gi3_27754773_x4	uUgauucccgcgccgga	1
Gi2_10678799_x4	uuUgauucccgcgccgg	1
Gl1a_5767494_x4	gguucgauNcccggcgccg	1
Gi3_27663033_x4	gguucucaccAaacagauccg	1
Gi2_10663483_x4	guucucacUaacagauccg	1
Gi3_27778965_x4	cuUacccaacagauccgg	1
Gi2_10655315_x4	uccggcgguagCauaacggcuag	1
Gi2_10657263_x4	gguucgauucccgAcgccg	1
Gi1_4031480_x4	uccggcgguaguCuaacggcuag	1
Gi1_4043404_x4	guucgauucccgCcgccg	1

Gi1_4037432_x4	uccggcguaguauaacAgcuagaa	1
Gi5_8638903_x4	ucAcaccaacagauccg	1
Gi3_27791545_x4	guucgauuccGggcgccgga	1
Gi3_27711361_x4	uccggcguaguauUcggcuagaa	1
Gi3_27738193_x4	uccggcguCguauaacggcuagaau	1
Gi5_8602619_x4	guucgGuucccgcgccgga	1
Gi1_4018196_x4	uucgauucccgcgUgg	1
Gi2_10690995_x4	uccggcguaguauaacggcuagaUu	1
Gi3_27781409_x4	ucgauucccgcgccAga	1
Gi2_10675863_x4	uccggcguaguauaacgAcuag	1
Gi2_10701467_x4	uccggcguaguGuaacggcuag	1
Gi3_27664693_x4	cGgauccggguucgauuccggcgccgg	1
Gi2_10669531_x4	ugguucucGcccaacagauccg	1
Gi2_10714971_x4	uccggcguaguauaacggUuag	1
Gi2_10712155_x4	ucgaGucccggcgccggagc	1
Gi1_4031972_x4	uUcggcguaguauaacggcuaga	1
Gi5_8629787_x4	gguucgauuccUgcgcccga	1
Gi1_4034080_x4	guucgauuNccggcgccg	1
Gi5_8619207_x4	Gcggcguaguauaacggcua	1
Gi3_27681081_x4	ucgauuccUggcgccggagc	1
Gi3_27740305_x4	ugguucucacccaacagaCc	1
Gi5_8650211_x4	gguucgauuccAggcgccc	1
Gi1_4036624_x4	uccggAguaguauaacggcuag	1
Gi2_10655231_x4	gguucgauuccggcUccggagc	1
Gi1_4031772_x4	guucgauucccgcgccgCagc	1
Gi2_10723675_x4	uAguucucacccaacagauccg	1
Gi2_10703143_x4	gguucgauuccggcCccggagc	1
Gi2_10652575_x4	Gccggcguaguauaacggcu	1
Gi2_10695131_x4	gguucgauuccgAcgcccga	1
Gi2_10718439_x4	ugguucucacccaGcagauccg	1
Gi2_10670903_x4	uccggAguaguauaacgg	1
Gi3_27744169_x4	ugguucucacccaacCgauccg	1
Gi3_27685973_x4	agauccggNuucgauucc	1
Gi5_8621407_x4	guucucacccaacagauUcgg	1
Gi1_4039380_x4	guucgauucccgcgccggagU	1
Gi5_8602203_x4	uccggcCuaguauaacgg	1
Gi1_4037176_x4	gguCcgauucccgcgccggagc	1
Gi3_27772357_x4	guucgCuuccggcgccggag	1
Gi1_4033128_x4	ugguuUucacccaacagauccg	1
Gi5_8615995_x4	gAuucgauucccgcgccggag	1
Gi3_27731089_x4	Ccgauuccggcgccggagc	1
Gi1_4023416_x4	cCcaccaacagauccg	1
Gi2_10653131_x4	guGcgauuccggcgccgga	1
Gi3_27764721_x4	gauucccgcgUggagc	1
Gi2_10650611_x4	uccggcgAaguauaacggcuaga	1
Gi1_4025384_x4	uccggcguNguauaacggcu	1
Gi1_4039176_x4	ugguucucaccUaacagauccg	1

Gi5_8636191_x4	.....uucucaccccCacagauccg	.....	1
Gi2_10681731_x4	.....guucgauucccUgcgccgg	.....	1
Gi3_27731845_x4	.....uccggcguaguaAaacgg	.....	1
Gi5_8618571_x4	.....uucucacccaacagauUg	.....	1
Gi5_8620595_x4	.....gguAcgauucccgcgccg	.....	1
Gi2_10661571_x4	.....uccggcguaguaaacggA	.....	1
Gi2_10660771_x4	.....guucgauucccgAgccgg	.....	1
Gi2_10700483_x4	.....gguucgauucUcggcgccg	.....	1
Gi1_4045972_x4	.....uccAgcguaguaaacggcuaga	.....	1
Gi1_4046608_x4	.....gguucgauAcccgcgccgg	.....	1
Gi2_10685383_x4	.....gguucgauucccgAcgccggag	.....	1
Gi3_27677373_x4	.....cGggcguaguaaacggcuaga	.....	1
Gi1_4025080_x4	.....ugguucucacccaGcagauccg	.....	1
Gi1_4026508_x4	.....guucucaccUaacagauccg	.....	1
Gi5_8642555_x4	.....uGcggcguaguaaacggcu	.....	1
Gi3_27746597_x4	.....uccggcguNguauaacggcu	.....	1
Gi3_27779217_x4	.....guucgauAcccgcgccggag	.....	1
Gi3_27672645_x4	.....gauUccggcgccggagc	.....	1
Gi3_27722585_x4	.....uccggcgAaguaaacgg	.....	1
Gi2_10711727_x4	.....guucAauucccgcgccggag	.....	1
Gi2_10670995_x4	.....guucgGuucccgcgccggag	.....	1
Gi3_27718133_x4	.....gguucgauAcccgcgcc	.....	1
Gi1a_5784282_x4	.....gguucgauNcccgcgccggag	.....	1
Gi5_8644247_x4	.....gguuGgauucccgcgccg	.....	1
Gi3_27665241_x4	.....uucucacccaacagauccA	.....	1
Gi5_8625943_x4	.....gguNcucacccaacagauccg	.....	1
Gi5_8604751_x4	.....gguucgauucccgGuccg	.....	1
Gi3_27762773_x4	.....uucucacccaacUgauccg	.....	1
Gi1_4030560_x4	.....Cguucgauucccgcgccg	.....	1
Gi3_27734441_x4	.....cgauucccgcgccggagcA	.....	1
Gi1_4039424_x4	.....uucucaccAaacagauccg	.....	1
Gi2_10695635_x4	.....ucgauucccgUgcgggagc	.....	1
Gi1a_5801486_x4	.....cagauccggguucgauucccgcgccggag	.....	0
Gi1_4026748_x4	.....uccggUguaguaaacggcuaga	.....	1
Gi1_4033416_x4	.....ggguucgauucccgcgccgg	.....	0
Gi1_4022416_x4	.....gguucgauuccAgcgccggagc	.....	1
Gi2_10659599_x4	.....guucgauAcccgcgccgg	.....	1
Gi1_4028676_x4	.....gguucgauuccAgcgccgg	.....	1
Gi5_8608015_x4	.....uccggAguaguaaacggcuag	.....	1
Gi3_27700177_x4	.....Ugcguaguaaacggcuagaau	.....	1
Gi1_4039752_x4	.....cucacccaNcagauccg	.....	1
Gi5_8616915_x4	.....gauucccgNcgccggagc	.....	1
Gi2_10690783_x4	.....uccggcguaguauCacggcuagaa	.....	1
Gi1_4024132_x4	.....uccggcguaguaaacAgcu	.....	1
Gi5_8618407_x4	.....guucucacccaacaAauccg	.....	1
Gi1a_5770894_x4	.....uccgUcguaguaaacggcuaga	.....	1
Gi3_27678893_x4	.....guucgauucccgcgccCgag	.....	1

Gi1_4029248_x4	.....ugguucucacccaacagauccgC.....	1
Gi2_10683207_x4	.....cGcaccaacagauccgg.....	1
Gi3_27789605_x4	.....uccUgcguaguauaacggcua.....	1
Gi1a_5768298_x4	.....uUcggcguaguauaacggcuag.....	1
Gi2_10693895_x4	.....guucgauucccgcgUcggag.....	1
Gi3_27713285_x4	.....Gggguucgauucccgcgccgga.....	1
Gi3_27787413_x4	.....ucgauucccgAcgccggagc.....	1
Gi3_27761817_x4	.....guucgauucccgGgccgga.....	1
Gi1_4046468_x4	.....uucucacccaaUagauccg.....	1
Gi2_10684895_x4	.....uccggcguaguauaacggcuU.....	1
Gi1_4032704_x4	.....gguucgauucccgAgccggagc.....	1
Gi2_10687567_x4	.....guucCauucccgcgccg.....	1
Gi5_8607547_x4	.....uccggcguaguUuaacggcuaga.....	1
Gi1_4027888_x4	.....ucUggcguaguauaacggcuagaau.....	1
Gi3_27734069_x4	.....uccggcCuaguauaacggcua.....	1
Gi3_27687081_x4	.....uucucacUaacagauccgg.....	1
Gi1a_5786382_x4	.....guucgaCucccgcgccgga.....	1
Gi1_4021644_x4	.....ugguucucacccaUcagauccgg.....	1
Gi1_4026196_x4	.....guucucacccaacagauccgU.....	1
Gi5_8632635_x4	.....gguucgauucccgcgccU.....	1
Gi3_27773113_x4	.....gUguucgauucccgcgccgga.....	1
Gi1a_5789218_x4	.....uGucacccaacagauccg.....	1
Gi5_8608147_x4	.....cucacccGacagauccgg.....	1
Gi5_8614263_x4	.....gguucgauucccgcgAcgg.....	1
Gi2_10683051_x4	.....uccggcguaguauaacGcucuaga.....	1
Gi1_4018652_x4	.....uccggcgGaguauaacgg.....	1
Gi3_27746029_x4	.....gguucgUuucccgcgccgag.....	1
Gi5_8637387_x4	.....ucucaccUaacagauccg.....	1
Gi1_4039608_x4	.....ucgauucccgcgccggagcCu.....	1
Gi3_27795865_x4	.....gguucgauucccgcgccCgag.....	1
Gi1_4024384_x4	.....gauucccgcgccggagcC.....	1
Gi1a_5807306_x4	.....uccggcguGguauaacggcuag.....	1
Gi3_27690365_x4	.....uccggcguaguauaacggcuaUaa.....	1
Gi1a_5778542_x4	.....uucucaccNaacagauccg.....	1
Gi1_4026548_x4	.....guGcgauucccgcgccggagc.....	1
Gi1_4017968_x4	.....gguucgauuAcccgcgccg.....	1
Gi2_10670063_x4	.....aguccggcNuaguauaacggcuaga.....	1
Gi2_10674299_x4	.....uccggcguaguauaacgC.....	1
Gi1a_5797642_x4	.....uUguucucacccaacagauccg.....	1
Gi3_27715681_x4	.....gguucgauucccgAcgcc.....	1
Gi4_544242_x4	.....uGguucucacccaacaga.....	1
Gi5_8646987_x4	.....gguucucacccaacaAaucg.....	1
Gi1_4033572_x4	.....ugguucucaccUaacagauccg.....	1
Gi1_4044292_x4	.....uucAcacccaacagauccgg.....	1
Gi1_4025512_x4	.....guucgauuccUggcgccggagc.....	1
Gi1_4029828_x4	.....ugguucucacccaacagauUg.....	1
Gi5_8622307_x4	.....ucAggcguaguauaacgg.....	1

Gi2_10662051_x4.....ucAggcguaguauaacggcuaga.....	1
Gi1_4047284_x4.....guucgGuucccgcgccggagc.....	1
Gi3_27780217_x4.....Ccgauucccgcgccgga.....	1
Gi5_8622683_x4.....guCcgauucccgcgccggagc.....	1
Gi1_4047544_x4.....gguuGucaccaacagauccg.....	1
Gi3_27685289_x4.....uGguucucaccaacagauccg.....	1
Gi5_8631027_x4.....ucAggcguaguauaacggcuaga.....	1
Gi2_10662863_x4.....Cguucucaccaacagauccg.....	1
Gi1_4037048_x4.....guucgauCcccgcgccggagc.....	1
Gi2_10721295_x4.....cagauccggguucgauucccgcgccgga.....	0
Gi3_27695869_x4.....gguucCauucccgcgccggagc.....	1
Gi5_8633619_x4.....guucgauucccgcgccggagcU.....	1
G1a_5805290_x4.....uGcucaccaacagauccg.....	1
Gi1_4031176_x4.....guucgauuccAgcgccggagc.....	1
Gi2_10667263_x4.....ugUuucucaccaacagauccg.....	1
Gi1_4045956_x4.....guucucaccaacagauUcg.....	1
Gi1_4021344_x4.....uccggcguaguauCacggcuagaau.....	1
Gi2_10677239_x4.....uucucaccUaacagauccg.....	1
Gi5_8631047_x4.....guucuAaccaacagauccgg.....	1
Gi5_8624183_x4.....guucucacAaacagauccg.....	1
Gi5_8633971_x4.....guucuAaccaacagauccg.....	1
Gi3_27679433_x4.....uccggcguaguauaacggcGag.....	1
Gi2_10650651_x4.....aUuccggcguaguauaacgg.....	1
Gi5_8638095_x4.....uccgCcgaguauaacggcuaga.....	1
Gi2_10722963_x4.....gguucucacUaacagauccg.....	1
Gi3_27786237_x4.....ggcguGguauaacggcua.....	1
Gi5_8649635_x4.....guucucaccGacagauccgg.....	1
Gi5_8611627_x4.....guucgauucccgcgccgAa.....	1
G1a_5768570_x4.....Aguucgauucccgcgccggag.....	1
Gi1_4027556_x4.....uUucaccaacagauccg.....	1
Gi1_4044148_x4.....ucucaccaacagCuccg.....	1
Gi5_8625755_x4.....guucucaccaacGgauccgg.....	1
Gi2_10669571_x4.....ggguucgauucccgcgccggagc.....	0
Gi2_10717675_x4.....gguucuUaccaacagauccg.....	1
Gi2_10692995_x4.....gguucucaccaacagaucc.....	0
Gi3_27786177_x4.....uccggcguaguauaacggcuUgaa.....	1
Gi2_10659299_x4.....gguucucaccaGcagauccg.....	1
Gi1_4026924_x4.....guucucaccAaacagauccg.....	1
Gi3_27733409_x4.....Accggcguaguauaacggcuagaau.....	1
G1a_5778154_x4.....uccggcguaguaCaacggcuaga.....	1
Gi3_27763597_x4.....cagauccggguucgGuucc.....	1
Gi5_8638219_x4.....guucgaAuucccgcgccg.....	1
Gi2_10718583_x4.....ggAucgauucccgcgccgga.....	1
Gi3_27683689_x4.....ucgGuucccgcgccgga.....	1
G1a_5812030_x4.....guucgaCucccgcgccg.....	1
Gi1_4020584_x4.....ugguucCaccaacagauccg.....	1
Gi1_4046500_x4.....cucaccaacGgauccgg.....	1

Gi1_4046344_x4	.....uucucacccaacagauUcgg	.....	1
Gi1_4043420_x4	.....gguucgCuucccgcgccggagc	.....	1
G1a_5791562_x4	.....uccggcguaguauaGcggcuaga	.....	1
Gi2_10683295_x4	.....gcuaguauaacggcuagaau	.....	0
Gi1_4021004_x4	.....Cccggcguaguauaacggcuagaau	.....	1
Gi5_8636739_x4	.....uccggcAuaguauaacggc	.....	1
Gi3_27734973_x4	.....gguucucacAcaacagauccg	.....	1
Gi3_27768121_x4	.....guucAcacccaacagauccg	.....	1
Gi2_10712851_x4	.....gguucucacccaacagaCccg	.....	1
Gi1_4042952_x4	.....uAguucucacccaacagauccg	.....	1
Gi5_8633523_x4	.....guucAauucccgcgccgga	.....	1
Gi5_8648907_x4	.....guucgauucccgcgccGg	.....	1
Gi3_27720869_x4	.....uucucacccaacagaCccgg	.....	1
Gi5_8623135_x4	.....uucucacccaacagCuccg	.....	1
Gi1_4033656_x4	.....agauccggNuucgauucc	.....	1
Gi3_27793233_x4	.....Cgguucucacccaacagauccgg	.....	1
Gi5_8647743_x4	.....ucacccaacagauccgggCu	.....	1
Gi3_27685181_x4	.....ccggcguaguauaGcggcuaga	.....	1
Gi2_10668255_x4	.....uccggcguaguauaCcg	.....	1
Gi5_8609459_x4	.....gguucgCuucccgcgccgg	.....	1
Gi1_4046576_x4	.....guuUucacccaacagauccg	.....	1
Gi5_8621483_x4	.....uccggcguaguauaacggcuagCa	.....	1
Gi2_10697727_x4	.....guucgauucccCgcccgg	.....	1
Gi5_8634519_x4	.....ccggcguaguauaacggc	.....	0
Gi2_10702083_x4	.....gguAcgauucccgcgccggag	.....	1
Gi3_27713213_x4	.....ugguucucacccaGcagauccg	.....	1
G1a_5812070_x4	.....uccggcguGguauaacggcuaga	.....	1
Gi3_27788509_x4	.....ugguucucacccaCcagauccg	.....	1
Gi1_4038864_x4	.....ugguucucacccaacagauccgU	.....	1
Gi3_27771089_x4	.....gguucgauAcccgcgccg	.....	1
Gi3_27750101_x4	.....uuUucacccaacagauccggguuc	.....	1
Gi1_4021520_x4	.....uccggcguaguauaacgUcuag	.....	1
G1a_5794926_x4	.....uccggcguaguauaacggcCaga	.....	1
Gi1_4025804_x4	.....uccggcguaguauaacggcuaAaa	.....	1
Gi2_10700555_x4	.....gguucgauucccgcgccgAag	.....	1
Gi3_27672201_x4	.....uggGucucacccaacagauccg	.....	1
G1a_5773650_x4	.....Uuucgauucccgcgccgga	.....	1
Gi1_4029416_x4	.....uGgauucccgcgccggagc	.....	1
Gi3_27735701_x4	.....guucgauuccGggcgccg	.....	1
Gi5_8635099_x4	.....cucacccaaUagauccg	.....	1
G1a_5784406_x4	.....uccggcguaguauaacAgcuag	.....	1
Gi5_8620599_x4	.....uccggcguagCauaacggcuagaa	.....	1
Gi3_27766449_x4	.....uccggcguaguauGacggcuag	.....	1
Gi3_27755897_x4	.....uccUgcguaguauaacgg	.....	1
Gi5_8606315_x4	.....ugguGcucacccaacagauccg	.....	1
Gi3_27706561_x4	.....guucucacccaGcagauccg	.....	1
Gi3_27761645_x4	.....uUucacccaacagauccg	.....	1

Gi1_4047016_x4	.....gguucgauucccgcgCgUggagc	1
Gi3_27705597_x4	.....ugguucCcacccaacagauc	1
Gi2_10689443_x4	.....gguucUauucccgcgccggagc	1
Gi1_4019520_x4	.....ugguucucCcccaacagauccgg	1
Gi3_27740821_x4	.....uccggcguaGaacgg	1
Gi3_27693585_x4	.....uccggcgUguauaacgg	1
Gi3_27752297_x4	.....guucgauucccgcgCgGg	1
Gi3_27793009_x4	.....uucucacccaacaAauccg	1
Gi3_27701357_x4	.....Ggauccggguucgauucc	1
Gi5_8644263_x4	.....uccggAguaguauaacggcua	1
Gi1_4037732_x4	.....ugAuucucacccaacagauccgg	1
Gi5_8605199_x4	.....cucacccaacCgauccgg	1
Gi5_8639407_x4	.....ugguucucacccaCagauccgg	1
Gi3_27677229_x4	.....uccggcgucGuaaacggcuag	1
Gi2_10654171_x4	.....Cuucucacccaacagauccg	1
Gl1a_5787674_x4	.....ggGucgauucccgcgCgCg	1
Gi3_27766557_x4	.....cgUuucccgcgCgCgGg	1
Gi5_8627543_x4	.....ucGcacccaacagauccg	1
Gi5_8611827_x4	.....uccggcguaGuaUacggcuaga	1
Gi3_27779881_x4	.....uccUgcguaguauaacggc	1
Gi1_4033028_x4	.....uucucacUcaacagauccgg	1
Gi1_4042808_x4	.....ugguucucacccaacagauccgA	1
Gi3_27740369_x4	.....ccggcgUguaaacggc	1
Gi2_10677467_x4	.....gAucgauucccgcgCgCg	1
Gi3_27749661_x4	.....uucuGacccaacagauccg	1
Gi5_8605863_x4	.....guucucacAcaacagauccgg	1
Gi3_27685073_x4	.....gguucgauuAccggcgCgCg	1
Gi3_27778913_x4	.....guucgauucccgcgCgCg	1
Gi2_10682415_x4	.....guucgauuUccggcgCgCgga	1
Gi5_8623607_x4	.....guucgauucccgcgCgUggagc	1
Gi1_4029940_x4	.....uUcggcguaGuaaacggcuagaau	1
Gi1_4043972_x4	.....guucucacccaacagCuccgg	1
Gi5_8625803_x4	.....gguucgCuucccgcgCgCg	1
Gi5_8630763_x4	.....uccggcguaGuaaacggcuagaG	1
Gi3_27730749_x4	.....AauucccgcgCgCgGgagc	1
Gi3_27745305_x4	.....gguucgaGucccgcgCgCgga	1
Gi3_27743185_x4	.....uucgauucccgcgCgCgGgagcCu	1
Gi2_10716583_x4	.....guucucacccaacagauccA	1
Gl1a_5772702_x4	.....uucucGcccaacagauccg	1
Gi2_10672067_x4	.....uccggcgucGuaaacggcua	1
Gi1_4038728_x4	.....uGcggcguaGuaaacggcu	1
Gi2_10685011_x4	.....gAuucgauucccgcgCgCg	1
Gl1a_5768546_x4	.....uccggcguaGuaaacggcuGg	1
Gi2_10661671_x4	.....ugguucucacccaacagGuccg	1
Gi5_8623143_x4	.....gguCcgauucccgcgCgCg	1
Gi3_27695253_x4	.....uccggcguaGuaGacggcuagaa	1
Gl1a_5807290_x4	.....guucgauucccgcgCgCgCgCg	1

Gi2_10670415_x4.....	Gccggguucgauucccggcgcgga.....	1
Gi5_8634911_x4.....	cGggcguaguauaacggcuaga.....	1
Gi3_27749101_x4.....	..uucgauCcccggcgccgga.....	1
Gi5_8636855_x4.....	uccggcguaguaCaacggcuagaa.....	1
Gi2_10717975_x4.....	..uccggcguCguauaacggc.....	1
Gi1_4029868_x4.....	..uccggcguaguauaacgAcuagaau.....	1
Gi3_27769641_x4.....	..gguucUauucccggcgcggag.....	1
Gi5_8617559_x4.....	..uccgAcguaguauaacggc.....	1
Gi3_27730525_x4.....	..cUuaguauaacggcuaga.....	1
Gi2_10706091_x4.....	..ggAucgauucccggcgcg.....	1
Gi5_8621807_x4.....	..uucucaccNaacagauccgg.....	1
Gi5_8621503_x4.....	..uccUgcguaguauaacgg.....	1
Gi5_8632299_x4.....	..uccgAcguaguauaacggcu.....	1
Gi1_4036960_x4.....	..uccggcguaguauaacggcuagaCu.....	1
Gi1_4025808_x4.....	..guucgauucccAgcgcg.....	1
Gi3_27696305_x4.....	..guucgauucccgAgccg.....	1
Gi5_8628479_x4.....	..cUgcguaguauaacggcuaga.....	1
Gi3_27713505_x4.....	..uccggcguaguauaCcgcuagaau.....	1
Gi1_4036324_x4.....	..gCuucgauucccggcgcgga.....	1
Gi1_4028916_x4.....	..gguucgauucccggcgccA.....	1
Gi5_8619903_x4.....	..guuGgauucccggcgcg.....	1
Gi5_8617791_x4.....	..uccggAguaguauaacggcuaga.....	1
Gi3_27785053_x4.....	..gguucucacGcaacagauccg.....	1
Gi2_10657371_x4.....	..guucgauucccggcgccAgag.....	1
Gi2_10661863_x4.....	..guucgauuAccggcgccg.....	1
Gi2_10706115_x4.....	..gguucgauucccgAcgcg.....	1
Gi2_10700299_x4.....	..Accggcguaguauaacggcuagaau.....	1
Gi4_539122_x4.....	..guucgauucccggcgcggagcC.....	1
Gi1_4023456_x4.....	..uccggcguaguaGaacggcuag.....	1
Gi3_27725249_x4.....	..uUguucucacccaacagauccgg.....	1
Gi2_10677995_x4.....	..gguucgauucccgAcgcgg.....	1
Gi1_4025360_x4.....	..uccggcguCguauaacggcu.....	1
Gi3_27749889_x4.....	..ggCucucacccaacagauccgg.....	1
Gi5_8603079_x4.....	..gguucgauucccCgcgcg.....	1
Gi3_27668109_x4.....	..guucgauucccggcgAcg.....	1
Gi3_27784729_x4.....	..uucucacccaUcagauccgg.....	1
Gi1_4028920_x4.....	..ucAcacccaacagauccgg.....	1
Gi5_8650035_x4.....	..ugguucucacccaacUgauccg.....	1
Gi2_10669251_x4.....	..uucucacccaacagauUg.....	1
Gi3_27778521_x4.....	..guucgauucccggcgccUgagc.....	1
Gi3_27792825_x4.....	..guucCauucccggcgcgg.....	1
Gi5_8639583_x4.....	..gguuUgauucccggcgcgg.....	1
Gi5_8644719_x4.....	..uccggcguaguauaacggGuaga.....	1
Gi3_27739361_x4.....	..Uguucgauucccggcgcggagcg.....	1
Gi5_8623479_x4.....	..gguCcgauucccggcgcggag.....	1
Gi5_8621983_x4.....	..Aguucucacccaacagauccgg.....	1
Gi5_8642475_x4.....	..gguucgauucccggcgcgA.....	1

Gi1_4022432_x4	.....gguucgauucccgcgGgg	1
Gi1_4040120_x4	.....gguucucaccUaacagauccg	1
Gi3_27739937_x4	.....uccgAcguaguauaacggcuagaa	1
Gi3_27784853_x4	.....gguucgauuAccggcgcc	1
Gi4_538906_x4	.....guucgauucccgcgccggagcCu	1
Gi5_8643103_x4	.....ggUguaguauaacggcuag	1
Gi3_27713121_x4	.....ccggcguaguauaacAgcuaga	1
Gi2_10722047_x4	.....aUuccggcguaguauaacggcuaga	1
Gi3_27753053_x4	.....caUcagauccggguucgauucc	1
Gi5_8609083_x4	.....uccggGguaguauaacggcuag	1
Gi1_4026372_x4	.....ucaccaacagauccgggC	1
Gi5_8647391_x4	.....guucucaccaacUgauccg	1
Gi3_27771121_x4	.....Cgguucgauucccgcgccggagc	1
Gi3_27721721_x4	.....gguucgauuGccggcgccggag	1
Gi3_27704205_x4	.....uccggcguaguauaacggcGaga	1
Gi1_4031320_x4	.....uccggcguaguauaacGcuaga	1
Gi3_27725409_x4	.....Gggcguaguauaacggcuaga	1
Gi5_8624351_x4	.....gguucgauucccgcgccggUg	1
Gi2_10674607_x4	.....uUcggcguaguauaacggcuagaa	1
Gi5_8632475_x4	.....gguuUgauucccgcgcc	1
Gi5_8631839_x4	.....guucucaccUaacagauccg	1
Gi5_8609607_x4	.....uccggcguaguUuaacggcuag	1
Gi5_8603259_x4	.....uccggcGgaguauaacggcuag	1
Gi5_8619295_x4	.....guucgauuAcggcgccggagc	1
Gi5_8612051_x4	.....cucaccaacagauccAg	1
Gi2_10653287_x4	.....uccggcguaguauaacUgcuaga	1
Gi2_10688451_x4	.....guucgauucccgcgGcgg	1
Gi3_27756361_x4	.....Accggcguaguauaacggcuagaa	1
Gi1_4027604_x4	.....guAcucaccaacagauccg	1
Gi5_8644299_x4	.....uccggcguaguauaaAggcua	1
Gi3_27683097_x4	.....guNcgauucccgcgccgga	1
Gi2_10717623_x4	.....gguucgauuGccggcgccggagc	1
Gi3_27694377_x4	.....guucgauuUcggcgccggag	1
Gi3_27795609_x4	.....uCcgauucccgcgccggagc	1
Gi2_10720347_x4	.....guucucaccaacagauccAg	1
Gi1_4042944_x4	.....gguucgauucccgcgAggagc	1
Gi2_10665975_x4	.....gguucgauuUcggcgccgga	1
Gi1_4035960_x4	.....agauccggguucgCuucc	1
Gi5_8673704_x3	.....gguucgauucccgcgccggagcCu	1
Gi5_8682932_x3	.....uccggcguaguauaacUgcu	1
Gi5_8694299_x3	.....ugguucucaccaacagaAccg	1
Gi2_10815952_x3	.....gguucucacAcaacagauccg	1
Gi3_27892118_x3	.....guuNgauucccgcgccgg	1
Gi1_4049865_x3	.....uucucaccaacUgauccg	1
Gi3_27935387_x3	.....Cauuccggcgccggagc	1
Gi1a_5855329_x3	.....Aguucgauucccgcgccgg	1
Gi3_27978053_x3	.....ccggcguaNuaaacggcuaga	1

Gi5_8703620_x3	.ucucaccaacagaucUg	1
Gi5_8651117_x3	Gucucaccaacagauccggguuc	1
Gi1_4071303_x3	.cucaccaacagaucUgg	1
Gi2_10795318_x3	.Gucucaccaacagauccgg	1
Gi3_27859106_x3	.Ucguaguauaacggcuaga	1
Gi3_27823085_x3	.uucucacAcaacagauccg	1
Gi2_10751776_x3	.guucgauucccgggcgcggU	1
Gi2_10765123_x3	.guucCauucccgggcgcggga	1
Gi3_27950240_x3	.aGccggguucgauucccgggcgcggga	1
Gi2_10822495_x3	.uccggcguaguagaGaacggcua	1
Gi1_4069920_x3	.guucucacUcaacagauccg	1
Gi1_4057752_x3	.gguucgaCucccggcgcggga	1
Gi3_27845336_x3	.cucaccaacagGuccgg	1
Gi3_27941390_x3	.uucgauCcccggcgcgggagc	1
Gi2_10816390_x3	.guuNgauucccggcgcgggagc	1
Gi5_8683016_x3	.ugguucuUaccaacagauccg	1
Gi5_8653355_x3	.gguucgauuAccggcgcggga	1
Gi5_8697125_x3	.guucgauucccgUcgccggagc	1
Gi5_8667383_x3	.uccggcgGaguauaacggcuaga	1
Gi5_8698208_x3	.cucaGccaacagauccgg	1
Gi1_4069074_x3	.uccggcguaguauaacggGuagaau	1
Gi5_8692274_x3	.uccggcAuaguauaacgg	1
Gi2_10794589_x3	.ucgauucccgggcgcgAagc	1
Gi2_10743235_x3	.gguucgauucccggcgcGggag	1
Gi2_10781692_x3	.guucgauucUcggcgcggag	1
Gi3_27823253_x3	.Ucggcguaguauaacggcua	1
Gi5_8664656_x3	.ucucaccNacagauccgg	1
Gi2_10821514_x3	.gguucucacccaaUagauccg	1
Gi5_8705780_x3	.Aucucaccaacagauccg	1
Gi3_27894176_x3	.uccNgcguaguauaacggcuag	1
Gi2_10826089_x3	.gguucucacccaacUgauccg	1
Gi1_4066989_x3	.guuUucaccaacagauccgg	1
Gi2_10745017_x3	.gguucgauucccggcgcCgag	1
Gi1_4055508_x3	.gguucgauucccgAcgccgg	1
Gi5_8657537_x3	.Gcgauucccggcgcggag	1
Gi1_4085529_x3	.guuUgauucccggcgcg	1
Gi2_10762363_x3	.uucgaCucccggcgcgggagc	1
Gi3_27870452_x3	.gguucgauucccggcgcU	1
Gi2_10749043_x3	.aguccggcguaguauaGcggcuaga	1
Gi1_4055634_x3	.ucucaccaacagauAccg	1
Gi5_8686355_x3	.aacagauccggguucgauucccggcgcggagc	0
Gi1_4067886_x3	.aucggguucgauuccAgcgccgg	1
Gi5_8709440_x3	.gguucgauAcccggcgcg	1
Gi2_10792609_x3	.uccggcguaguauaacggcAa	1
Gi3_27829070_x3	.gguucgauucccggcUccggag	1
Gi1_4073733_x3	.uuUgauucccggcgcggagc	1
Gi3_27912119_x3	.aacagauccggguucgauucccggcgcggagcC	1

Gi5_8717162_x3	. . . . . Aucaccaacagauccgg	1
Gi5_8661260_x3	. . . . . uccggcguaguaGaacggcuaga	1
Gi1a_5840212_x3	. . . . . gguucgGuucccgcgcc	1
Gi3_27869762_x3	. . . . . gauucccgNcgccggagc	1
Gi3_27970415_x3	. . . . . uGcggguucgauucccgcgccgga	1
Gi3_27896066_x3	. . . . . ccggcguGguauaacggcua	1
Gi5_8669315_x3	. . . . . cccaacagauccggguCc	1
Gi5_8671166_x3	. . . . . gguucucaccaacagGuccgg	1
Gi3_27869522_x3	. . . . . guucgauucccgCcgccgg	1
Gi5_8699177_x3	. . . . . guuNucaccaacagauccg	1
Gi5_8655155_x3	. . . . . uccggcguaguaauaacUgcuag	1
Gi5_8672801_x3	. . . . . gguucgauucccgAcgccgg	1
Gi1_4079256_x3	. . . . . uccggcAuaguaauaacggcuag	1
Gi3_27816947_x3	. . . . . ggNucgauucccgcgcc	1
Gi1_4079190_x3	. . . . . ugguucucaccaacagaCccgg	1
Gi1_4089102_x3	. . . . . ugguucuUaccaacagauccg	1
Gi5_8715362_x3	. . . . . guucgauucccgcgUcgga	1
Gi3_27899402_x3	. . . . . Aguucucaccaacagauccgggu	1
Gi1_4051395_x3	. . . . . guucGcaccaacagauccgg	1
Gi1_4075257_x3	. . . . . ucucaccaacagauccA	1
Gi5_8666963_x3	. . . . . gguucgauucccgcgccggaUc	1
Gi1_4057833_x3	. . . . . gguucgauucccUcgccgg	1
Gi3_27945962_x3	. . . . . ugguucucaccaacagauUg	1
Gi3_27881726_x3	. . . . . gguucgauucccgUcgccggag	1
Gi5_8702807_x3	. . . . . uucucCcccaacagauccg	1
Gi1_4051002_x3	. . . . . guucgauuccGggcgccgg	1
Gi2_10804873_x3	. . . . . gguucgauucccgcgAcgg	1
Gi2_10801846_x3	. . . . . guucgaAucccgcgccggagc	1
Gi3_27959249_x3	. . . . . gguucucacccUacagauccg	1
Gi3_27818801_x3	. . . . . guucgauuccAgcgccg	1
Gi3_27905579_x3	. . . . . uccggcguCguauaacggcuagaa	1
Gi3_27886160_x3	. . . . . ucGggcguaguaauaacgg	1
Gi5_8655605_x3	. . . . . guucgauucccgcgccAga	1
Gi2_10726432_x3	. . . . . gguucgauuccGcggcgccggagc	1
Gi1_4064631_x3	. . . . . uccggcguaguauacggcu	1
Gi5_8658845_x3	. . . . . gguucgauuccUggcgcc	1
Gi2_10815724_x3	. . . . . guucucaccaacagauUg	1
Gi1_4083897_x3	. . . . . cggcguaguaauaacggcuagaauU	1
Gi1_4087308_x3	. . . . . guucgGuucccgcgccg	1
Gi1_4057188_x3	. . . . . uccggcguaguaauaacggcuGgaau	1
Gi5_8679263_x3	. . . . . gguucgauuccUcgcgcc	1
Gi3_27857555_x3	. . . . . uccggcguUguauaacggcuag	1
Gi2_10779409_x3	. . . . . guucgCuucccgcgccggag	1
Gi2_10730596_x3	. . . . . guucgauucccgcgccC	1
Gi5_8659796_x3	. . . . . uucucaccaacagauUgg	1
Gi1_4056333_x3	. . . . . gguucgauuccUggcgccg	1
Gi1_4059471_x3	. . . . . ucucacccGacagauccg	1

Gi2_10759840_x3.....	ucUauucccggcgcggagc.....	1
Gi5_8692985_x3.....	uccggcguaguauaacggcuaCaau.....	1
Gi1_4075299_x3.....	gAucucaccaacagauccgg.....	1
Gi1_4057344_x3.....	uccggcguUguauaacggcuag.....	1
Gi3_27925016_x3.....	gguucgauGccggcgccgga.....	1
Gi1_4048947_x3.....	cuUaccaacagauccgg.....	1
Gi3_27834674_x3.....	aUauccggguucgauucccggcgcggagc.....	1
Gi3_27970070_x3.....	uucucacUcaacagauccg.....	1
Gi5_8670206_x3.....	gUcguaguauaacggcuagaa.....	1
Gi1_4058496_x3.....	gguucCcaccaacagauccgg.....	1
Gi3_27927506_x3.....	uucucacccUacagauccg.....	1
Gi5_8652335_x3.....	ccggcguaNuauaacggcuaga.....	1
Gi3_27967724_x3.....	ucUauucccggcgcggga.....	1
Gi5_8711294_x3.....	gguucgauucccggcgcAgag.....	1
Gi5_8702387_x3.....	cucaccaacagauUgg.....	1
Gi2_10743196_x3.....	guucgauCcccggcgccggag.....	1
Gi3_27805592_x3.....	ucNggcguaguauaacggcua.....	1
Gi3_27827708_x3.....	guucgUuuccggcgccgg.....	1
Gi3_27890375_x3.....	cgguucgauucccggcgcgcC.....	1
Gi2_10744741_x3.....	uccggAguaguauaacggc.....	1
Gi5_8708840_x3.....	ggcguaguauaacggcuagG.....	1
Gi3_27911921_x3.....	gguucgauGcccggcgccg.....	1
Gi2_10811863_x3.....	uucucacAcaacagauccg.....	1
Gi1_4064877_x3.....	ugguucucaccAaacagauccgg.....	1
Gi1a_5853619_x3.....	uUcggcguaguauaacggcuaga.....	1
Gi5_8693198_x3.....	Agcguaguauaacggcuaga.....	1
Gi5_8656268_x3.....	guGcgauucccggcgcggagc.....	1
Gi1_4064754_x3.....	uccgCcgaguauaacggcuaga.....	1
Gi1_4054572_x3.....	ucucacccGacagauccgg.....	1
Gi5_8680883_x3.....	ggcgCaguauaacggcuag.....	1
Gi5_8709635_x3.....	ugguucucaccaacagGuccg.....	1
Gi1_4082253_x3.....	guucgauCcccggcgccgga.....	1
Gi5_8701718_x3.....	Gccggguucgauucccggc.....	1
Gi3_27835121_x3.....	uucgauucccgAcgccggagc.....	1
Gi1_4075113_x3.....	caccaacagauccgggGucgauucc.....	1
Gi3_27954461_x3.....	gguuAgauucccggcgcgcg.....	1
Gi5_8708984_x3.....	Ccgauucccggcgcggagc.....	1
Gi1_4080930_x3.....	Accggcguaguauaacggcua.....	1
Gi1_4060236_x3.....	Ggguucucaccaacagaucc.....	1
Gi3_27944390_x3.....	uccggcguCuauaacggcuaga.....	1
Gi1_4077060_x3.....	uucucacccaacUgauccgg.....	1
Gi4_549507_x3.....	ucucaccaacagauccg.....	0
Gi3_27890729_x3.....	uccggcguaguauaaAggc.....	1
Gi1_4052205_x3.....	uucucaccaacagauccgC.....	1
Gi3_27851090_x3.....	Gggguucgauucccggcgcggag.....	1
Gi2_10784437_x3.....	uccAgcguaguauaacggcuag.....	1
Gi1_4060665_x3.....	uccggcguCguauaacgg.....	1

Gi2_10743808_x3.....	.Gcgauucccgcgccgga.....	1
Gi3_27841136_x3.....	ggUguaguauaacggcua.....	1
Gi5_8693645_x3.....	guucGcaccacaacagaucgg.....	1
Gi5_8711072_x3.....	ucAggCGuaguauaacggcua.....	1
Gi2_10736971_x3.....	.....gguucgauucccgcgccgC.....	1
Gi5_8667827_x3.....	.....ucucacccaacagaucgggG.....	1
Gi2_10783381_x3.....	.....uccggCGuagAuaaacgg.....	1
Gi5_8686904_x3.....	.....uccAgCGuaguauaacggcuagaa.....	1
Gi3_27955472_x3.....	.....uAcucacccaacagaucgg.....	1
Gi5_8695475_x3.....	.....uccggCGuagGauaacggcuaga.....	1
Gi5_8660549_x3.....	.....guucgauuccAgcgccgg.....	1
Gi2_10774735_x3.....	.....uGcucacccaacagaucgg.....	1
Gi5_8672081_x3.....	.....ugguucucacAcaacagaucgg.....	1
Gi2_10790146_x3.....	.....gguucgauucccgcgccgAa.....	1
Gi3_27963113_x3.....	.....AcggCGuaguauaacggc.....	1
Gi5_8655068_x3.....	.....uUcggCGuaguauaacggcu.....	1
Gi5_8652935_x3.....	.....guucgauuccAgcgccgga.....	1
Gi3_27888362_x3.....	.....gguucgauucccgCcgccgg.....	1
Gi3_27922772_x3.....	.....uccggCGuaguauaacggAuag.....	1
Gi1_4065948_x3.....	.....gguCcgauucccgcgccg.....	1
Gi5_8669642_x3.....	.....uGcucacccaacagaucggguu.....	1
Gi3_27814679_x3.....	.....ucgauucccgcgCaggagc.....	1
Gi3_27813704_x3.....	.....uccgggCucgauucccgcgccgga.....	1
Gi5_8673644_x3.....	.....gguucgauucccgcgCaggag.....	1
Gi1a_5858230_x3.....	.....gGucgauucccgcgccgg.....	1
Gi2_10772911_x3.....	.....uccggCGuaguauaacggcuG.....	1
Gi3_27838577_x3.....	.....uuccggcgccggagcCu.....	1
Gi2_10799161_x3.....	.....uccggCGAaguauaacgg.....	1
Gi3_27947888_x3.....	.....gguucgauucccgCcgccg.....	1
Gi5_8691176_x3.....	.....uccggCGAaguauaacgg.....	1
Gi5_8712632_x3.....	.....guuNgauucccgcgccgg.....	1
Gi2_10828222_x3.....	.....gguucgauucccCcgccgga.....	1
Gi2_10783765_x3.....	.....guucgauucccgcgccgU.....	1
Gi1_4068717_x3.....	.....gguucgauucccgcgUcgga.....	1
Gi1_4064415_x3.....	.....AccggCGuaguauaacggcuaga.....	1
Gi1_4061523_x3.....	.....ccggCGuGguauaacggcua.....	1
Gi3_27933464_x3.....	.....ucgauucccgcgccggagcCu.....	1
Gi1_4076667_x3.....	.....guucgauucccgAgccg.....	1
Gi2_10734631_x3.....	.....AccggCGuaguauaacggcuagaa.....	1
Gi5_8652134_x3.....	.....uccggCGAaguauaacggcuag.....	1
Gi5_8661995_x3.....	.....guucucacccaaGagaucgg.....	1
Gi5_8673773_x3.....	.....Cgguucucacccaacagaucgg.....	1
Gi3_27828017_x3.....	.....aUauccggguucgauucccgcgccggag.....	1
Gi2_10823227_x3.....	.....guucgauucccAgcgccggag.....	1
Gi2_10792240_x3.....	.....gguucgauucccgcgccgA.....	1
Gi1_4059540_x3.....	.....gguucAauucccgcgccg.....	1
Gi5_8700377_x3.....	.....uuUgauucccgcgccg.....	1

Gi5_8653064_x3	.....Cauucccgcgccggagc	1
Gi4_551532_x3	.....uucucaccaacagauccgg	0
Gi3_27925592_x3	.....uccNgcguaguauaacggcua	1
Gi3_27940733_x3	.....gguuAgauucccgcgcc	1
Gi3_27920717_x3	.....ggAucucaccaacagaucc	1
Gi3_27967733_x3	.....uccggcgAaguauaacggcua	1
Gi2_10791622_x3	.....gguuAgauucccgcgccggag	1
Gi1a_5845960_x3	.....guucgauucccgcgccggagcCu	1
Gi1_4057098_x3	.....uccggcgaguauaacggAuag	1
Gi2_10813858_x3	.....ccggcgaguauaacggcuaga	0
Gi3_27865328_x3	.....ggcgaguauaGcgguagaau	1
Gi2_10796617_x3	.....guucgauucccgcgccggag	1
Gi2_10800736_x3	.....gguucCauucccgcgccggag	1
Gi2_10785715_x3	.....ucgauucAcggcgccggagc	1
Gi5_8668376_x3	.....uccggcgUguauaacggcuagaau	1
Gi2_10814320_x3	.....uccggcgaguCuaacggcuagaa	1
Gi5_8692454_x3	.....gguucgauucccgUgccggag	1
Gi2_10759252_x3	.....Gcgcgaguauaacggcua	1
Gi5_8689922_x3	.....uccggcgagAuaaacggcuagaau	1
Gi3_27945524_x3	.....guucucaccaacagauccA	1
Gi5_8701349_x3	.....uccggcgaguauaacggcAagaau	1
Gi5_8710403_x3	.....ucuUaccaacagauccg	1
Gi1_4058463_x3	.....guucgauucccgUcgccgga	1
Gi2_10821295_x3	.....uccgAcguaguauaacggcua	1
Gi5_8671748_x3	.....uAcucaccaacagauccg	1
Gi1_4075866_x3	.....ugUuucucaccaacagauccg	1
Gi3_27804551_x3	.....gguucgauucccgGgccg	1
Gi5_8663876_x3	.....uucuUaccaacagauccg	1
Gi5_8688164_x3	.....guucgauucUcgcgccgga	1
Gi3_27878051_x3	.....gguuGucaccaacagauccg	1
Gi2_10763971_x3	.....uccgAcguaguauaacgg	1
Gi1_4061901_x3	.....ggUguaguauaacggcuag	1
Gi4_549306_x3	.....Gccggcgaguauaacggcuag	1
Gi3_27834272_x3	.....guuAgauucccgcgccggagc	1
Gi2_10765033_x3	.....uucucaccaacagauAccg	1
Gi5_8705831_x3	.....gAucgauucccgcgccgga	1
Gi3_27812366_x3	.....gguucgauucGcgcgccggag	1
Gi2_10791523_x3	.....gguucgauuUccggcgccgg	1
Gi3_27884132_x3	.....guucgaAucccgcgccgga	1
Gi3_27818741_x3	.....guucgUuucccgcgccggagc	1
Gi5_8675351_x3	.....gguucgauucAcggcgccgga	1
Gi1_4081536_x3	.....Cuucucaccaacagauccgg	1
Gi2_10776085_x3	.....gguucUauucccgcgcc	1
Gi5_8667017_x3	.....gguucucacccaaUagauccg	1
Gi3_27849311_x3	.....guucgauucccgcgccggagG	1
Gi5_8661062_x3	.....Gucucaccaacagauccggguu	1
Gi5_8684414_x3	.....agauccgggGucgauucc	1

Gi5_8701292_x3	.....guucgauuccUgcgccg	1
Gi2_10788433_x3	.....ggAucucacccaacagauccg	1
Gl1a_5825536_x3	.....uccggcguaguGuaacggcuaga	1
Gi3_27876740_x3	.....guuAgaucccggcgcgcgga	1
Gi2_10761202_x3	.....gguucgauucUcggcgccgg	1
Gi1_4079502_x3	.....uucgaCucccgcgccgg	1
Gi1_4076907_x3	.....gguucgauucccgUgcgcgga	1
Gi5_8676506_x3	.....Acaccaacagauccggguu	1
Gi1_4053543_x3	.....uUcggcguaguauaacggc	1
Gi5_8718017_x3	.....uccggcguaguUuaacggc	1
Gi1_4089273_x3	.....gguucgaCucccgcgccg	1
Gi3_27957008_x3	.....guucucacccaacagauAccg	1
Gi3_27961436_x3	.....uucucaccUaacagauccg	1
Gl1a_5874976_x3	.....uccggcguaguauaaUggcuag	1
Gi3_27841766_x3	.....guucCcacccaacagauccg	1
Gi5_8700323_x3	.....uccUgcguaguauaacggcuaga	1
Gi3_27958253_x3	.....uUgaucccggcgcgcggag	1
Gi2_10803223_x3	.....guuGgaucccggcgcgcgga	1
Gi2_10803289_x3	.....gguucgauucAccggcgccg	1
Gi3_27949205_x3	.....guucgauAcccggcgcgcg	1
Gi5_8672588_x3	.....gguucgauucccCgcgcgcggagc	1
Gi2_10735141_x3	.....uccggcguaguaCaacggcuagaau	1
Gi3_27917921_x3	.....ggguucgauucccggcgcgcg	0
Gi2_10814698_x3	.....uccggcguaguauCacgg	1
Gi3_27824288_x3	.....uccggcguagAauaacggcua	1
Gi4_551673_x3	.....uccggcguaguauaacggcua	0
Gi5_8683721_x3	.....cggcguGguauaacggcua	1
Gi3_27906098_x3	.....uucgauUccggcgccgga	1
Gi2_10816714_x3	.....gguucucacccUacagauccg	1
Gi3_27877115_x3	.....Nuucgauucccggcgcgcggag	1
Gi2_10817857_x3	.....uccggcgGaguauaacggcuaga	1
Gi5_8669591_x3	.....gguucgauucccgAgccg	1
Gi3_27798860_x3	.....uucucacccaacagauAccg	1
Gi5_8652497_x3	.....guucgauucccggcgcgcCga	1
Gi3_27978362_x3	.....uccggcguaguauaacCg	1
Gi3_27963530_x3	.....gguucgauucccggcgcA	1
Gi1_4083423_x3	.....gguucgauucccgUgcgcgagc	1
Gi5_8688872_x3	.....Gggcguaguauaacggcuag	1
Gi5_8657915_x3	.....gguucgauucccUgcgcg	1
Gi2_10725721_x3	.....uccggcguaguauaacggcUgaau	1
Gi1_4078875_x3	.....guucucacccaaAagauccg	1
Gi1_4065267_x3	.....uccggcguaguauaacggcAa	1
Gl1a_5850052_x3	.....guucgaCucccggcgcgcggagc	1
Gi5_8675003_x3	.....ugUuucucacccaacagauccg	1
Gi3_27843638_x3	.....gguAccgauucccggcgcgcg	1
Gi3_27911900_x3	.....guucCauucccggcgcgcgga	1
Gi3_27925910_x3	.....cgauccUggcgccggagc	1

Gi2_10795651_x3.....	gguucgauuAccggcgccgga.....	1
Gi5_8664269_x3.....	gguucgauuccUggcgccggag.....	1
Gi3_27821048_x3.....	gguucgauucccgUcgccggagc.....	1
Gi5_8668877_x3.....	Ucggcguaguauaacggcuag.....	1
Gi1_4060656_x3.....	uccggcguaguCuaacggc.....	1
Gi5_8661461_x3.....	Auucgauucccgcgccggag.....	1
Gi2_10761232_x3.....	uccggcguaguauaacggUua.....	1
Gi5_8663273_x3.....	Uuucgauucccgcgccggagcguuucc.....	1
Gi2_10822213_x3.....	cgauucccNggcgccggagcguuu.....	1
Gi1_4058412_x3.....	ucucacccaacGgauccg.....	1
Gi3_27842411_x3.....	gguucgauuccGggcgccgg.....	1
G1a_5853931_x3.....	guucgGuucccgcgccggagc.....	1
Gi1_4073901_x3.....	uUgauucccgcgccggagc.....	1
Gi1_4074957_x3.....	guucgauucccCgcgccgga.....	1
Gi2_10796326_x3.....	gUuucccgcgccggagc.....	1
Gi5_8708177_x3.....	gAucucacccaacagauccg.....	1
Gi3_27813083_x3.....	cgguucgNuucccgcgccgga.....	1
Gi1_4057590_x3.....	ugguucucacccaacagauc.....	0
Gi5_8712719_x3.....	uucucacAaacagauccgg.....	1
Gi1_4060890_x3.....	uccggcguCguauaacggcuag.....	1
Gi3_27826490_x3.....	ccggcguaNuaaacggc.....	1
Gi5_8657486_x3.....	uucucacccaacagaCccgg.....	1
Gi3_27932771_x3.....	gguucgauucccCgcgccg.....	1
Gi5_8716610_x3.....	gguucgauucccgcgccgU.....	1
Gi1_4074375_x3.....	ugguucucacccaacagauccA.....	1
Gi3_27828476_x3.....	Auucucacccaacagauccgg.....	1
Gi2_10753882_x3.....	gguucgauucccgcgccggaC.....	1
Gi3_27846707_x3.....	Acgauucccgcgccgga.....	1
Gi2_10809373_x3.....	uUcggcguaguauaacggcuagaa.....	1
Gi3_27877406_x3.....	guucucacccaacagauUcg.....	1
Gi5_8673065_x3.....	ucgauucccgcgccggagcCu.....	1
Gi4_547647_x3.....	gguucgauucccgcgccggag.....	0
Gi1_4049922_x3.....	ucUggcguaguauaacggcu.....	1
Gi1_4056942_x3.....	guucucacccaacagCuccg.....	1
Gi2_10755211_x3.....	cGcaacagauccggguuc.....	1
Gi2_10773238_x3.....	uccggcguaguauaacggUuagaa.....	1
Gi1_4057824_x3.....	guucgauCcccggcgccg.....	1
Gi3_27839147_x3.....	ccggcguaguauaacggcCaga.....	1
Gi3_27949622_x3.....	uccggcguaguauaacggcuaCaau.....	1
Gi1_4072857_x3.....	guucgauucccgcgccgCa.....	1
Gi2_10779490_x3.....	guucgaGucccggcgccg.....	1
Gi1_4074498_x3.....	Aucucacccaacagauccg.....	1
G1a_5843290_x3.....	uccgUcguaguauaacggcuag.....	1
Gi4_550752_x3.....	ggGucgauucccgcgccgg.....	1
Gi2_10750684_x3.....	gguucgauucccgAgccgga.....	1
Gi1_4075806_x3.....	Nuucgauucccgcgccg.....	1
Gi5_8683811_x3.....	gCuucgauucccgcgcc.....	1

Gi2_10799182_x3.....	uccggcgguaguauaacggcuagCa.....	1
Gi2_10769530_x3.....	uccggcgguaguaGaacggc.....	1
Gi1_4085451_x3.....	uucucaAccaacagauccg.....	1
Gi2_10782331_x3.....	ugguucucaccccGacagauccg.....	1
Gi2_10824061_x3.....	ggguucgauuAcggcgcc.....	1
G1a_5875426_x3.....	gguCcgauucccgcgccgg.....	1
Gi3_27874355_x3.....	uccggguuNgauucccgcgccgga.....	1
Gi2_10729030_x3.....	uccggcAuaguauaacggc.....	1
Gi2_10753012_x3.....	ggguucgauucccgcgccggagcC.....	1
Gi3_27960371_x3.....	guucucGcccaacagauccg.....	1
Gi2_10795600_x3.....	ggguucgauucccgcgccUgag.....	1
Gi3_27937088_x3.....	Nuucgauucccgcgccggagc.....	1
Gi2_10776802_x3.....	guucgauucccgGAgccgga.....	1
Gi2_10783849_x3.....	uccggcgCguauaacggcuagaa.....	1
Gi2_10817479_x3.....	uccggcgguaguUuaacggc.....	1
Gi5_8714924_x3.....	uccggcgguaguauGacggc.....	1
Gi3_27967205_x3.....	cUgcguaguauaacggcuaga.....	1
Gi1_4082823_x3.....	gAuucgauucccgcgccgga.....	1
Gi3_27976247_x3.....	ugguCcucacccaacagauccgg.....	1
Gi5_8694740_x3.....	uucucacccaacagauccA.....	1
Gi1_4081971_x3.....	ggGucgauucccgcgccggagc.....	1
Gi3_27813977_x3.....	ucgaCuucccgcgccgga.....	1
Gi1_4087377_x3.....	gAuucgauucccgcgccggagc.....	1
Gi2_10813018_x3.....	ccUaacagauccggguuc.....	1
Gi2_10767859_x3.....	Nguucgauucccgcgccggagc.....	1
Gi2_10754527_x3.....	agaaugguugguucCcacc.....	1
Gi3_27871745_x3.....	uccggcgguaguauaacCgcuagaa.....	1
Gi1_4065120_x3.....	ucucacccNacagauccgg.....	1
Gi2_10776658_x3.....	uCguucucacccaacagauccg.....	1
Gi5_8705954_x3.....	guucucacccaacagauUgg.....	1
Gi5_8691035_x3.....	gCuucucacccaacagauccgg.....	1
Gi1_4051380_x3.....	uccggcgguaguauaacggcuagCa.....	1
Gi3_27890927_x3.....	Cccggcgguaguauaacggcu.....	1
Gi3_27923198_x3.....	uccNgcguaguauaacggc.....	1
Gi5_8652026_x3.....	gguucucacccaacagUuccg.....	1
Gi2_10741264_x3.....	uccggcgguagAauaacggcuag.....	1
Gi1_4077711_x3.....	gguucucCcccaacagauccg.....	1
Gi3_27843773_x3.....	uccggcgguaguauaacggcAa.....	1
Gi5_8714861_x3.....	uccggcgguaguauUcggcuaga.....	1
Gi5_8669648_x3.....	guucgauucccgcgccUgagc.....	1
Gi3_27816380_x3.....	Nccggcgguaguauaacggcuaga.....	1
Gi2_10825423_x3.....	uccggcgUguauaacggcu.....	1
Gi3_27893051_x3.....	uAcggcgguaguauaacggc.....	1
Gi2_10803628_x3.....	ugguucCcacccaacagauccg.....	1
Gi2_10779790_x3.....	gguucgauucccgcgCccggag.....	1
Gi3_27892247_x3.....	gguucgauucccgcgGgga.....	1
Gi3_27849806_x3.....	uccggcgguagAauaacggc.....	1

Gi5_8686973_x3.....	uccggcguaquauaaAggc.....	1
Gi2_10799380_x3.....	uccggcguaAuauaacggc.....	1
G1a_5836006_x3.....	.....gguucgauucccggcAccggagc.....	1
Gi2_10759366_x3.....	.....gGucucacccaacagauccgg.....	1
Gi4_552126_x3.....	.....guucgaCucccggcgccggagc.....	1
Gi3_27906026_x3.....	.....Gucucacccaacagauccggguuc.....	1
Gi5_8684423_x3.....	uccggcguaquauaacggAuaga.....	1
Gi5_8699609_x3.....	.....ucgauucccgAcgccgga.....	1
Gi3_27913643_x3.....	.....agauccggguucGUuucc.....	1
Gi2_10824511_x3.....	.....uggCucucacccaacagauccg.....	1
Gi1_4082856_x3.....	.....ccggcguaNuauaacggcuag.....	1
Gi5_8697452_x3.....	.....gUcguaguauaacggcu.....	1
G1a_5864050_x3.....	Accggcguaquauaacggcuag.....	1
Gi2_10730764_x3.....	.....uCcgauucccggcgccgg.....	1
Gi5_8676110_x3.....	.....ucgauuccNgcgccggag.....	1
Gi1_4074720_x3.....	.....auccggguucgauucccggcgccAg.....	1
Gi3_27821375_x3.....	.....ucgauCcccggcgccggagc.....	1
Gi5_8669372_x3.....	.....gguucucacccaacagaAccg.....	1
Gi2_10792870_x3.....	.....ugguucucacccaCagauccg.....	1
Gi1_4078809_x3.....	.....gguucgauucccggcgccggagcCuu.....	1
Gi3_27974477_x3.....	.....gguuUucacccaacagauccg.....	1
Gi2_10761703_x3.....	.....guucgauucccggcgcGgga.....	1
Gi5_8675369_x3.....	.....Gcgauucccggcgccgga.....	1
Gi2_10780225_x3.....	.....Aauucccggcgccggagc.....	1
Gi2_10804204_x3.....	.....guucgauucccggcgccGUagc.....	1
Gi2_10760845_x3.....	.....uucucacccaUcagauccg.....	1
G1a_5853448_x3.....	.....uGcucacccaacagauccgg.....	1
Gi1_4049988_x3.....	.....guAcucacccaacagauccg.....	1
Gi2_10783159_x3.....	.....guucgauuccGggcgccgg.....	1
Gi2_10769323_x3.....	.....auucccggcgccggagcCu.....	1
Gi1_4079901_x3.....	.....ggAucgauucccggcgccggagc.....	1
Gi3_27849674_x3.....	.....gguucgauuGccggcgccgg.....	1
Gi3_27849536_x3.....	uccggcgguGguauaacggcu.....	1
Gi3_27883871_x3.....	.....uucgauucccggcgccggagcGgA.....	1
Gi3_27827657_x3.....	.....gAucgauucccggcgccg.....	1
Gi1_4048995_x3.....	.....gguucgaCucccggcgccggagc.....	1
Gi3_27948239_x3.....	uccggcguaquauaacgCc.....	1
Gi1_4071780_x3.....	.....Cccggcguaquauaacggc.....	1
Gi2_10788475_x3.....	.....ucgauucccggcgccAgagc.....	1
Gi5_8666495_x3.....	.....ucaccaGcagauccggguu.....	1
Gi1_4075323_x3.....	.....ucgauucccggcgccggag.....	0
Gi5_8698340_x3.....	.....gguucgauucccggcgccCg.....	1
Gi3_27864263_x3.....	.....guucgauucccggcgccU.....	1
Gi3_27860786_x3.....	uccggcguaquauaacggcuagaU.....	1
Gi5_8716589_x3.....	.....guucgauucccgAgccgga.....	1
Gi3_27936176_x3.....	.....gauucccggcAccggagc.....	1
Gi4_544908_x3.....	.....gguucgauNcccggcgccgg.....	1

Gi3_27893876_x3	.....guucucCcccaacagauccg.....	1
Gi5_8677196_x3	.....ucucaccaacagGuccgggu.....	1
Gi1_4074180_x3	.....ucAcaccaacagauccg.....	1
Gi5_8667416_x3	.....uucucaccaacUgauccg.....	1
Gi3_27832424_x3	.....ugguucucaccaacGgauccgg.....	1
Gi5_8684228_x3	.....uccggcguaguauaacUgcuaaga.....	1
Gi5_8658149_x3	.....guGcgauucccgcgccgga.....	1
Gi3_27834023_x3	.....guuNguauucccgcgccgga.....	1
Gi1_4080300_x3	.....gguuAgauucccgcgccgg.....	1
Gi5_8700176_x3	.....ggCucucaccaacagauccgg.....	1
Gi3_27805868_x3	.....guuUucaccaacagauccgg.....	1
Gi1_4051707_x3	.....ucUggcguaguauaacggcuagaa.....	1
Gi1a_5837905_x3	.....uccggcguGguauaacggc.....	1
Gi5_8682884_x3	.....cagauccgggCucgauucccgcgccg.....	1
Gi2_10771150_x3	.....uccgCcgaguauaacggcuaga.....	1
Gi3_27937673_x3	.....Uaucggguucgauucccgcgccgga.....	1
Gi3_27836138_x3	.....uucucaccaaaUagauccgg.....	1
Gi5_8653148_x3	.....guucgauucccgcgcgAggagc.....	1
Gi3_27829607_x3	.....ugUuucucaccaacagaucc.....	1
Gi2_10759411_x3	.....uccggcguaguauaacggcuCg.....	1
Gi3_27830687_x3	.....gguucgauucccCgcccggga.....	1
Gi5_8699711_x3	.....uccggcguaguauaacggcuagUau.....	1
Gi3_27818648_x3	.....ucAggcguaguauaacggc.....	1
Gi5_8653427_x3	.....uucucaccaCcagauccggguu.....	1
Gi1_4080075_x3	.....uucucCcccaacagauccg.....	1
Gi2_10749778_x3	.....gguAcgauucccgcgccgga.....	1
Gi1_4089084_x3	.....guucgauUccggcgccg.....	1
Gi5_8674208_x3	.....cggcguaguauaacggcuagaGu.....	1
Gi3_27887441_x3	.....cucacccGacagauccgg.....	1
Gi3_27974735_x3	.....ugUuucucaccaacagauccg.....	1
Gi2_10821682_x3	.....gguucgauucccUgcgcc.....	1
Gi1_4077450_x3	.....uucucaccaacagauccgU.....	1
Gi3_27844193_x3	.....ugguucucaccaacagCuccg.....	1
Gi2_10822219_x3	.....gguucgauucccgcgccggagcg.....	0
Gi1_4064262_x3	.....uccggcguaguauaacggcuGgaa.....	1
Gi2_10740964_x3	.....gguucucaccaacagauAccg.....	1
Gi1_4065225_x3	.....uccggcguaguauaacggcuUgaau.....	1
Gi5_8665940_x3	.....Gcucaccaacagauccgggu.....	1
Gi5_8685422_x3	.....uccggcguagAuaaacggcuaga.....	1
Gi2_10784119_x3	.....gguAcgauucccgcgccg.....	1
Gi2_10804822_x3	.....uccggcguaguauGacggcuagaau.....	1
Gi5_8688299_x3	.....guucgCuucccgcgccggagc.....	1
Gi2_10784854_x3	.....gguucgauAcccgcgccg.....	1
Gi1_4059102_x3	.....uccggcguaguauaaUgg.....	1
Gi2_10746955_x3	.....guucgaGucccggcgccgga.....	1
Gi2_10751710_x3	.....Accggcguaguauaacggcuag.....	1
Gi5_8711684_x3	.....gguucAauucccgcgccgga.....	1

Gi3_27798551_x3	.....Cgguucucacccaacagauc	.....	1
Gi3_27896120_x3	.....uucgauuccUggcgccgga	.....	1
Gi5_8657960_x3	.....uccggcguaguauaacgCc	.....	1
Gi1_4077123_x3	.....gguucucacAcaacagauccg	.....	1
Gi5_8705318_x3	.....Acucaccaacagauccg	.....	1
Gi1_4055982_x3	.....uccggcguagCauaacggcuaga	.....	1
Gi5_8663615_x3	.....ucucacccGacagauccg	.....	1
Gi3_27804740_x3	.....ugguucucacccaacGgauc	.....	1
Gi5_8668661_x3	.....uccggcguaguauaacggAua	.....	1
Gi5_8652128_x3	.....guucgauucccgUcgcgga	.....	1
Gi1_4077942_x3	.....uccggcguaguauUacggcuaga	.....	1
Gi5_8658503_x3	.....ggAucgauucccgcgccggag	.....	1
Gi5_8672123_x3	.....gguucgauucUcggcgccg	.....	1
Gi2_10744147_x3	.....uccggcguauAuaaacggcua	.....	1
Gi1_4054593_x3	.....cucacccGacagauccg	.....	1
Gi1_4077459_x3	.....ucAggcguaguauaacggcuag	.....	1
Gi5_8655893_x3	.....guucCauucccgcgccg	.....	1
Gi5_8678831_x3	.....gguucgaAuucccgcgccg	.....	1
Gi2_10790641_x3	.....gguucgauuUcggcgccg	.....	1
Gi3_27867647_x3	.....Nguucgauucccgcgccggag	.....	1
Gi4_548499_x3	.....gguucgauucccgcgcc	.....	0
Gi5_8653847_x3	.....uCcgauucccgcgccg	.....	1
Gi2_10751311_x3	.....guucucacccaGcagauccg	.....	1
Gi5_8659568_x3	.....ugguucucacccaacagauccggc	.....	1
Gi3_27926360_x3	.....Aucgauucccgcgccggagc	.....	1
Gi3_27822023_x3	.....auUcggguucgauucccgcgccgga	.....	1
Gi5_8689874_x3	.....ugguucucacccaacagCuccg	.....	1
Gi3_27797651_x3	.....ugguucucNcccaacagauccg	.....	1
Gi3_27909551_x3	.....uucgauuccUggcgccggagc	.....	1
Gi2_10816255_x3	.....cccaacagaCccggguuc	.....	1
Gi5_8689247_x3	.....Aguucucacccaacagauccggguu	.....	1
Gi1_4071663_x3	.....gguucgauucccgcgccUgga	.....	1
Gi1_4052016_x3	.....uccggcguaguauaacgAcua	.....	1
Gi5_8671412_x3	.....ccggguucgauucccgcgccgC	.....	1
Gi3_27821294_x3	.....uAcggcguaguauaacggcuag	.....	1
Gi3_27930038_x3	.....gguucucaUccaacagauccg	.....	1
Gi5_8695913_x3	.....gguucgauucccgcgccgCa	.....	1
Gi2_10744057_x3	.....Gucucacccaacagauccggguucg	.....	1
Gi2_10754875_x3	.....uccAgcguaguauaacggc	.....	1
Gi5_8656658_x3	.....gguNcgauucccgcgccggagc	.....	1
Gi2_10744978_x3	.....uccggcguaguCuaacggcuag	.....	1
Gi1_4062306_x3	.....uccggcAuaguauaacggcua	.....	1
Gi5_8715050_x3	.....guucucacccaacagaCccg	.....	1
Gi5_8702369_x3	.....ccggcguaguauaacggcCaga	.....	1
Gi5_8703722_x3	.....gguucucacccaacagaGccg	.....	1
Gi5_8692604_x3	.....cucUccaacagauccg	.....	1
Gi1_4061478_x3	.....guucucacAcaacagauccg	.....	1

Gi3_27863351_x3.....ucAggcguaguauaacggcuag.....	1
Gi2_10785745_x3.....gguucgauucccggcgcGgga.....	1
Gi5_8703035_x3.....uccggcAuaguauaacggcua.....	1
Gi1_4088490_x3.....gguucgauucccggcgcGg.....	1
Gi5_8678750_x3.....uccggcguCguauaacggcuagaau.....	1
Gi5_8706569_x3.....guucucaccaGcagauccgg.....	1
Gi1_4088190_x3.....gguucgauucUcggcgccgga.....	1
Gi1_4060851_x3.....guucuAacccaacagauccgg.....	1
Gi3_27975029_x3.....gUuucccggcgcGgagc.....	1
Gi2_10822264_x3.....guucucacccaaAagauccg.....	1
Gi5_8713547_x3.....gguucgauuGccggcgccgg.....	1
Gi3_27911471_x3.....gUguucgauucccggcgcGgagc.....	1
Gi1_4047990_x3.....uucGcaccacaacagauccg.....	1
Gi2_10822114_x3.....gguuGgauucccggcgcGgga.....	1
Gi1_4077564_x3.....gguucgGuucccggcgcGgagc.....	1
Gi1_4058406_x3.....guucucaccUacagauccg.....	1
Gi2_10745776_x3.....gguuAgauucccggcgcGgga.....	1
Gi2_10794754_x3.....gguucAauucccggcgcGg.....	1
Gi3_27948005_x3.....gguucgauucccgGgGccggagc.....	1
Gi3_27914537_x3.....gguucgauucccUgGcccgga.....	1
Gi1_4060380_x3.....uucucaUccaacagauccg.....	1
Gi5_8714744_x3.....uccggcguaguaGaacggcuagaau.....	1
Gi3_27893261_x3.....gguucgauuAccggcgccggag.....	1
Gi5_8680985_x3.....gGuucccgccuuccuucgucu.....	1
Gi1_4083678_x3.....uGcggcguaguauaacggcuagaa.....	1
Gi3_27886430_x3.....guuGgauucccggcgcGgga.....	1
Gi1_4056021_x3.....ucAggcguaguauaacgg.....	1
Gi5_8692295_x3.....cggcguaguauaacggcuCga.....	1
Gi5_8715074_x3.....uccggcguaguUuaacgg.....	1
Gi2_10790677_x3.....gguucgauucccgGgGccggagc.....	1
Gi1_4063719_x3.....ccggUguaguauaacggcua.....	1
Gi3_27884855_x3.....uucgauuUccggcgccggagc.....	1
Gi5_8683430_x3.....uccggcguaguauaacggcuaAaau.....	1
Gi3_27804281_x3.....ucucacccaacagGuccg.....	1
Gi1_5815924_x3.....uccggcgCaguauaacggcuag.....	1
Gi5_8661392_x3.....uccgUcguaguauaacggc.....	1
Gi3_27900356_x3.....guucucacUcaacagauccgg.....	1
Gi5_8709053_x3.....uccgCcgguaguauaacggcua.....	1
Gi1_4085040_x3.....ccggcguaguauaacggcCaga.....	1
Gi2_10773382_x3.....uccggcguaguauaGcggcuagaa.....	1
Gi3_27808544_x3.....guucucacccaacagauccC.....	1
Gi2_10748152_x3.....GucgauucccggcgcGgag.....	1
Gi2_10786429_x3.....uGgauucccggcgcGgag.....	1
Gi1_4060719_x3.....gguucgauucAcggcgccgg.....	1
Gi5_8671859_x3.....uccggcguauuaaacggcuag.....	1
Gi5_8706995_x3.....gguucgauucccggcgcA.....	1
Gi2_10797733_x3.....gAuucucacccaacagauccg.....	1

Gi3_27955169_x3	.....gguucUauucccgcgccg	1
Gi3_27875945_x3	.....agauccggguCcgauuccc	1
Gi3_27906479_x3	.....uccgAcguaguauaacggcuag	1
Gi3_27868535_x3	.....cagauccggguCcgauuccc	1
Gi2_10801753_x3	.....uccggcguaguauaacggcuagaGu	1
Gi5_8704106_x3	.....uccggcguaguauaaAggcuagaau	1
Gi3_27901448_x3	.....ugguucAcacccaacagauccg	1
Gi3_27905078_x3	.....guucucacccUacagauccg	1
Gi2_10783561_x3	.....uucucacccCacagauccg	1
Gi1_4060953_x3	.....uucuUacccaacagauccg	1
Gi1_4073718_x3	.....guucgauUccggcgccggagc	1
Gi1_4070532_x3	.....ugguucucacccaacCgauccgg	1
Gi2_10779721_x3	.....uucuUacccaacagauccg	1
Gi5_8683466_x3	.....uccggcguUguauaacggc	1
Gi5_8690372_x3	.....uccggcguaguauaacggcuaC	1
Gi1_4063026_x3	.....gAucgauucccgcgccgga	1
Gi3_27922640_x3	.....ucgauucccgUgccgga	1
Gi5_8681225_x3	.....ggcguaguNuaacggcuag	1
Gi2_10752562_x3	.....Cccggcguaguauaacggcuagaa	1
Gi3_27819824_x3	.....gguuAgauucccgcgccgg	1
Gi2_10762984_x3	.....guucucGcccaacagauccg	1
Gi3_27931829_x3	.....ucgauUccggcgccggag	1
Gi1_4065504_x3	.....guucAauucccgcgccg	1
Gi1_4073493_x3	.....guucucacccaGcagauccg	1
Gi3_27820343_x3	.....ucAauucccgcgccggagc	1
Gi5_8663858_x3	.....gguucgauCcccgcgccgga	1
Gi3_27905309_x3	.....cagauccgNguucgauucc	1
Gi2_10778767_x3	.....gguucgauuccAggcgccggag	1
Gi1_4063590_x3	.....guucgauucccgcgccCga	1
Gi1_4048029_x3	.....gguucgauucccgcgccggagA	1
Gi2_10746802_x3	.....gAucgauucccgcgccgga	1
Gi3_27874574_x3	.....uccggcguaguauaacggcAag	1
Gi5_8692001_x3	.....guucucacccaacCgauccgg	1
Gi2_10811659_x3	.....gguucgauucccgcgGc	1
Gi2_10811437_x3	.....guucgauuccAggcgccg	1
Gi3_27939230_x3	.....ggguucgauucccgcgccggCgc	1
Gi2_10756783_x3	.....gguucgauUaccggcgcc	1
Gi3_27913328_x3	.....caacagauNcggguucgauuccc	1
Gi5_8684030_x3	.....ucacccaacagauccgggGu	1
Gi1_4063806_x3	.....gguucAcacccaacagauccg	1
Gi1_4057449_x3	.....gguucgauucccgcgccAgagc	1
Gi1_4073049_x3	.....uucucacccaacaAaucg	1
Gi2_10781722_x3	.....uccAgcguaguauaacggcuagaau	1
Gi3_27978749_x3	.....uccggcAuaguauaacggcuag	1
Gi1_4088958_x3	.....guucuaUccaacagauccg	1
Gi5_8694449_x3	.....gguucgauucccgcgccCgagc	1
Gi3_27796832_x3	.....guucucacccaacagGuccggg	1

Gi1_4064547_x3	uccgCcguaguauaacgg		1
Gi5_8715332_x3		ucucacccaacagGuccg	1
Gi1_4087317_x3	uccggcguaguauaacggUuagaau		1
Gi1_4085415_x3	uccggcguaguauaacggcuUg		1
Gi1_4085742_x3		guucUauucccggcgccggagc	1
G1a_5822464_x3	Gccggcguaguauaacggc		1
G1a_5854144_x3		gguucgauucccggcgccgGgc	1
Gi1_4078194_x3	uccggcAuaguauaacgg		1
Gi3_27864914_x3		uucgaCucccggcgccgg	1
Gi3_27815537_x3		uucucacccaacagauAg	1
Gi3_27969116_x3		Aguucucacccaacagaucc	1
Gi2_10779472_x3		gguucgauucccggcgcAg	1
Gi3_27954134_x3		guucgauuccUgccccggagc	1
Gi3_27837659_x3		gguucucacccaacagauAcgg	1
Gi5_8680364_x3		gguucgauucUcggcgccg	1
Gi2_10798258_x3		gguucgauucccggcgcGcg	1
Gi2_10780153_x3		gguucucCcccaacagauccg	1
Gi3_27887174_x3		uucucacccaacagCuccg	1
Gi3_27964262_x3		gguucgauucccggcgccgUa	1
Gi1_4085181_x3	uccggcguaguauGacggcuagaau		1
Gi5_8680913_x3		guucgauucccgUgccccggagc	1
Gi2_10748833_x3	uccggcguaguauaacggcuCgaa		1
Gi1_4074489_x3	uccgAcguaguauaacggcuag		1
Gi5_8706638_x3	uccggcUuaguauaacgg		1
Gi3_27822218_x3	uccggcguaguauaacggcuagaG		1
Gi1_4057173_x3	uccggcguaguauaCcggcuaga		1
Gi5_8691923_x3	uccggcguagGauaacggcuag		1
Gi1_4056513_x3		uucucacccaacagCuccgg	1
Gi5_8714339_x3		ucUauucccggcgccggagc	1
G1a_5872276_x3		gguucgaCucccggcgccggagc	1
Gi3_27939362_x3	uccggcguacuauaacggcuau		1
Gi1_4063098_x3		gguucgauuccGggcgccgg	1
Gi3_27836450_x3		guucgauucccggcgccgUag	1
Gi3_27881060_x3	Ucggcguaguauaacggcuaga		1
G1a_5829127_x3		ucucacccaacagGuccg	1
Gi5_8654009_x3	ccggcguaguauaGcggcuau		1
Gi3_27960362_x3	uccgCcguaguauaacgg		1
Gi3_27944972_x3		ucUauucccggcgccggagc	1
Gi5_8665886_x3		Nguucucacccaacagauccg	1
Gi3_27859094_x3		guucucGcccaacagauccgg	1
Gi5_8658599_x3		cgauucccggcgccggagcCu	1
Gi3_27859577_x3		uccggguucgauucccggcgccgAa	1
Gi5_8685113_x3		guucgauucccggcgccggaAc	1
Gi2_10730029_x3		gguucucacccaacagGuccg	1
Gi5_8693288_x3		gauucccggcgccggGgc	1
Gi3_28079716_x2		gguucgauucccggcgccgGgg	1
Gi1_4133185_x2	gUcguaguauaacggcuagaau		1

Gi2_10980637_x2.....	uccggguucgauucccggc.....	0
Gi5_8822941_x2.....	Acggcguaguauaacggcuag.....	1
Gi5_8826375_x2.....	Nuucgauucccggcgcgg.....	1
Gi1_4143699_x2.....	agauccggguucgauucc.....	0
Gi3_28028530_x2.....	cucacccaacagauccggguCcgaau.....	1
Gi5_8723713_x2.....	gUuucccggcgcgggagc.....	1
Gi1_4125441_x2.....	guucgauucccggcGcgga.....	1
Gi5_8752453_x2.....	ccUgcguaguauaacggcua.....	1
Gi1_4147217_x2.....	guucgauucccgUgcccggagc.....	1
Gi4_564144_x2.....	guucgauucccggcgcgggagcA.....	1
Gi5_8792971_x2.....	ccggcguCguauaacggcuaga.....	1
Gi1_4152177_x2.....	uggGucucacccaacagauccg.....	1
Gi5_8721245_x2.....	uucCcacccaacagauccgg.....	1
Gi3_28022676_x2.....	uucgauucccggcgcgggagcA.....	1
Gi2_10990929_x2.....	aguccggcguaguauaacAg.....	1
Gi1_4129793_x2.....	gguucgCuucccggcgcggag.....	1
Gi2_10924103_x2.....	uucgauuccNcggcgcgggagc.....	1
Gi2_10922261_x2.....	uccggcGaguauaacggcua.....	1
Gi2_10933207_x2.....	ugguucucaccUaacagaucc.....	1
Gi1_5894674_x2.....	gguucgauucccggcGuc.....	1
Gi1_4135515_x2.....	uccggcguaguauaacggcuC.....	1
Gi2_10922863_x2.....	guucgauAcccggcgcgcg.....	1
Gi1_4125299_x2.....	ucgauucccggcgcgggaU.....	1
Gi5_8752639_x2.....	ggGucgauucccggcgcgggagcguu.....	1
Gi5_8753319_x2.....	cUggcguaguauaacggcuag.....	1
Gi1_5954188_x2.....	guucgGuucccggcgcgcg.....	1
Gi2_10874447_x2.....	uccggcguagCauaacggcuagaau.....	1
Gi1_4147393_x2.....	ugguucucUcccaacagauccg.....	1
Gi4_560646_x2.....	gguucgauuccUgcgcgcg.....	1
Gi3_28198142_x2.....	uucgauucccgGgcccga.....	1
Gi5_8812953_x2.....	gaCucccggcgcgggagc.....	1
Gi3_28044874_x2.....	uccggcCuaguauaacggc.....	1
Gi1_5959402_x2.....	ggCucgauucccggcgcgcg.....	1
Gi2_10890015_x2.....	guGcgauucccggcgcgcggag.....	1
Gi3_28133844_x2.....	gNucgauucccggcgcgggagc.....	1
Gi1_4106855_x2.....	gguucgauucccggcGAcg.....	1
Gi5_8747139_x2.....	uucucacccaacGgauccggguuc.....	1
Gi5_8787061_x2.....	ggcguaguauCacggcuaga.....	1
Gi5_8779869_x2.....	gguucgGuucccggcgcgc.....	1
Gi2_10867705_x2.....	uccggcguaguauUacggcua.....	1
Gi1_4131383_x2.....	guucgauucccggcGAcggagc.....	1
Gi3_28084690_x2.....	guucucacNcaacagauccgg.....	1
Gi2_10886109_x2.....	uucucacccUacagauccg.....	1
Gi1_4100149_x2.....	cAcacccaacagauccgg.....	1
Gi3_28253028_x2.....	gggCucgauucccggcgcgggag.....	1
Gi1_4094725_x2.....	guucucacccaacagauGcg.....	1
Gi3_28254678_x2.....	Ugauucccggcgcgggagc.....	1

Gi3_28098530_x2	cgauucccgcgccggGg	1
Gi2_10835159_x2	guucucacNcaacagauccgg	1
Gi3_28207296_x2	gguNcgaaucccgcgccggag	1
Gi2_10851117_x2	ugguucucacccaacagauAg	1
Gi2_10842717_x2	gguucAcacccaacagauccg	1
Gi3_28230496_x2	Cugguucucacccaacagaucc	1
Gi5_8818071_x2	uccggcguaguauaacggcuagaGugguu	1
Gi1_4118663_x2	gguucgauucccggcAccgga	1
Gi3_28146898_x2	uccggcguacuauaacggc	1
Gi1_4129347_x2	ucCcacccaacagauccg	1
Gi5_8759113_x2	cUauucccgcgccggagcguuuc	1
Gi3_28172804_x2	guucucacUcaacagauccggg	1
Gi3_28134252_x2	uucucacccCacagauccg	1
Gi3_28134604_x2	cGacagauccggguucga	1
Gi1_4149101_x2	uccCgcuaguauaacggcuag	1
Gi1_4100309_x2	uccggcguagCauaacggcuagaa	1
Gi5_8741773_x2	uucgauucccgcgccggagc	0
Gi3_28133342_x2	ucgauucccgcgccgCagc	1
Gi1_4102229_x2	cUggcguaguauaacggc	1
Gi3_28048188_x2	gguucCauucccgcgccgg	1
Gi1_4106031_x2	cucacccaNcagauccggguucga	1
Gi3_28210084_x2	uuggCucucacccaacagaucc	1
Gi1_4121287_x2	uugguucucacccaacagauccg	0
Gi5_8738045_x2	uUgauucccgcgccggagc	1
Gl1a_5941946_x2	uGcggcguaguauaacgg	1
Gi3_28038906_x2	uGucacccaacagauccgg	1
Gi2_10850087_x2	ccggcguaguauaacggcuag	0
Gi3_28096924_x2	guucgauucAcggcgccg	1
Gi2_10904063_x2	gauucccgUgcccggagc	1
Gi1_4104675_x2	gguucgauucccgcgccgCg	1
Gi5_8806185_x2	ucucaccUaacagauccgg	1
Gi3_28034016_x2	gguucgUuucccgcgcc	1
Gl1a_5978784_x2	uccggcguaguauaacggcuAA	1
Gi3_28175422_x2	uucgauucccgcgUggagc	1
Gi3_28076800_x2	cacccaacagauccggguCc	1
Gi1_4152189_x2	gguucgauuccUgcccg	1
Gi3_28089238_x2	uucgauucAcggcgccgga	1
Gi3_28065536_x2	agauucUggguucgauucc	1
Gi3_28136160_x2	guucucacccaacGgauccggg	1
Gi5_8742179_x2	gguucgauAcccgcgccggag	1
Gi2_10885251_x2	ugguucucacccaacagauccg	0
Gl1a_5904370_x2	gCucgauucccgcgccg	1
Gi3_27993528_x2	uucAcacccaacagauccg	1
Gl1a_5899828_x2	gguuUgauucccgcgccg	1
Gi3_28000050_x2	guucucaUccaacagauccg	1
Gi5_8771865_x2	uccggcguaguGaacgg	1
Gi5_8789659_x2	guucgaAuucccgcgccgga	1

Gi2_10918135_x2.....	gguucgauucccgcgUcgg.....	1
Gi1_4132839_x2.....	uccggAguaguauaacggcuagaau.....	1
Gi3_28203820_x2.....	uucucaccAaacagauccg.....	1
Gi2_10981625_x2.....	cgauucccgcgGggagc.....	1
Gi3_28231734_x2.....	cgauucccgcgGcgagc.....	1
Gi4_554144_x2.....	cGcaccaacagauccggguucg.....	1
Gi5_8765217_x2.....	guucgauucccgCcgccg.....	1
Gi3_28010828_x2.....	uccggcguagAauaacggcuagaa.....	1
Gi5_8728071_x2.....	uccNgcguaguauaacgg.....	1
Gi1a_5939658_x2.....	guucucacccaacGgauccg.....	1
Gi2_10890847_x2.....	guucgauucccgcgccCgag.....	1
Gi1a_5881486_x2.....	uGcggcguaguauaacggcua.....	1
Gi3_28233852_x2.....	gUguucgauucccgcgccg.....	1
Gi3_28174146_x2.....	ucAcacccaacagauccg.....	1
Gi3_28231186_x2.....	ucgauAcccgcgccggagc.....	1
Gi1_4141445_x2.....	gguucgUuucccgcgccggagc.....	1
Gi3_28181902_x2.....	gguucgauucccgcgccUg.....	1
Gi5_8720173_x2.....	gguucucacccUacagauccg.....	1
Gi2_10977773_x2.....	aguccggcguaguGuaacgg.....	1
Gi3_28140802_x2.....	gguucCauucccgcgccgga.....	1
Gi1_4135609_x2.....	uucuGacccaacagauccg.....	1
Gi5_8763973_x2.....	gguucgauucccgcgccggagcAu.....	1
Gi5_8812521_x2.....	guucgauucAcggcgccgga.....	1
Gi3_28114810_x2.....	ugguucucacccaacagauAcg.....	1
Gi2_10906983_x2.....	gguucgauucccggcUcc.....	1
Gi3_28001604_x2.....	gguucucacccCacagauccgggu.....	1
Gi4_564836_x2.....	gguucgauucccgcgccggCgc.....	1
Gi5_8734655_x2.....	gguucgauucccgcgccgAag.....	1
Gi3_28250398_x2.....	uccggcguaguauaacCgcua.....	1
Gi3_28107384_x2.....	ucgauucccgcgCccggagc.....	1
Gi2_10978851_x2.....	uccggcguaguauUacggc.....	1
Gi2_10897907_x2.....	ucGggcguaguauaacggcuaga.....	1
Gi3_28149672_x2.....	gggGucgauucccgcgccg.....	1
Gi2_10849895_x2.....	agaucggNuucgauucc.....	1
Gi5_8743879_x2.....	ucAggcguaguauaacggc.....	1
Gi3_28017590_x2.....	gaucgggNucgauucc.....	1
Gi1_4142341_x2.....	guucgauucccgcgccAgag.....	1
Gi3_28082106_x2.....	ccggcguaguauaacggU.....	1
Gi3_28130878_x2.....	ucGggcguaguauaacggc.....	1
Gi3_28194068_x2.....	ucgauucccgcgAcggagc.....	1
Gi1_4118443_x2.....	uucgGuucccgcgccgg.....	1
Gi2_10858823_x2.....	guucgauucUcggcgccg.....	1
Gi2_10853099_x2.....	ucgauucccgCcgccggag.....	1
Gi2_10963211_x2.....	ucGggcguaguauaacggcua.....	1
Gi1_4153439_x2.....	gguucgauucccgAcgcccga.....	1
Gi4_562044_x2.....	ggCucgauucccgcgccgg.....	1
Gi1_4128047_x2.....	uAcggcguaguauaacgg.....	1

Gi1_4091035_x2	.....ugguucucacccUacagauccgg.....	1
Gi1_4114517_x2	.....gAucgauucccgcgccggagc.....	1
Gi2_10928843_x2	.....uucgauucccgcgccAgg.....	1
Gi3_28019476_x2	.....aguccggcguaguauaacA.....	1
Gi1a_5934562_x2	.....gguucUauucccgcgcc.....	1
Gi2_10952571_x2	.....guucgauucccgcgccggaUc.....	1
Gi2_10941671_x2	.....cggcguaguauaGcggcuaga.....	1
Gi5_8728773_x2	.....guucgauucccgcgccGgg.....	1
Gi2_10869631_x2	.....gguucgauucccgGgcccggag.....	1
Gi2_10868905_x2	.....gguucgauucccgcgccggU.....	1
Gi1_4119237_x2	.....uccggAguaguauaacggcua.....	1
Gi5_8819693_x2	.....uccggcguaguGuaacggcu.....	1
Gi3_28035968_x2	.....ccggcguaguaCaacggc.....	1
Gi3_27984986_x2	.....agaucggguucAauucc.....	1
Gi1_4103171_x2	.....uccggcguaguauaacggAuaga.....	1
Gi2_10852143_x2	.....cgauucccgcgccggGgcguuu.....	1
Gi1_4116457_x2	.....gguucucaccAaacagauccg.....	1
Gi3_28154066_x2	.....gguucucaNccaacagauccgggu.....	1
Gi3_27997186_x2	.....cagaucggguucgauucUc.....	1
Gi2_10933965_x2	.....ugguucuUacccaacagauccg.....	1
Gi1a_5889500_x2	.....uccggAguaguauaacggcuag.....	1
Gi2_10990005_x2	.....gguucgauuccGggcgcc.....	1
Gi1_4101697_x2	.....uccggcAuaguauaacggcuaga.....	1
Gi5_8767991_x2	.....uucuGacccaacagauccg.....	1
Gi1a_5943254_x2	.....ucucaccNacagauccg.....	1
Gi3_28213472_x2	.....guugguucucacccaacagauccggg.....	0
Gi4_558114_x2	.....uccgUcguaguauaacggcuaga.....	1
Gi3_28051586_x2	.....ucgauucccgcgccggaA.....	1
Gi1a_5942324_x2	.....Gccggcguaguauaacggcuagaa.....	1
Gi1_4158449_x2	.....gguucgauCcccggcgccgga.....	1
Gi2_10853421_x2	.....cggguucgauucccgcgccggagc.....	0
Gi3_28247670_x2	.....cagaucAgguucgauucc.....	1
Gi3_28249020_x2	.....uucucacccaacagauUcgg.....	1
Gi1_4134717_x2	.....guucgauucccgUgccc.....	1
Gi1_4106429_x2	.....Aucacccaacagauccgg.....	1
Gi1_4095373_x2	.....ucgauCcccggcgccggagc.....	1
Gi1_4137261_x2	.....uccggcgCaguauaacggcuaga.....	1
Gi5_8780779_x2	.....ugguucucacccUacagauccg.....	1
Gi3_28236496_x2	.....uucucaccAaacagauccgg.....	1
Gi1_4140037_x2	.....uccggcguNguauaacggcuagaa.....	1
Gi3_28128564_x2	.....uucgauucccgcgccggag.....	0
Gi1_4145965_x2	.....cucacccaacagauccAgg.....	1
Gi2_10980227_x2	.....uccggcguaguauaacggcuagaU.....	1
Gi2_10857755_x2	.....uccggcguaguaGaacggcuag.....	1
Gi3_28247674_x2	.....uucgauucccgcgccgAa.....	1
Gi1_4092719_x2	.....gguucgauucccgcgccUg.....	1
Gi5_8784113_x2	.....ugAuucucacccaacagauccg.....	1

Gi1_4150379_x2	ugAuucucacccaacagauccg	1
Gi2_10882565_x2	gauuccggcgUggagc	1
Gi3_28246232_x2	ugAuucucacccaacagauc	1
Gi2_10954911_x2	Cccggcguaguauaacgg	1
Gi2_10982499_x2	Ucguaguauaacggcuagaa	1
Gi5_8748139_x2	Gagauccggguucgauuccggcgccg	1
G1a_5925080_x2	gguucgauucccAgcgccggagc	1
G1a_5949928_x2	uccggcguaguUuaacggcuag	1
Gi1_4151559_x2	uccggcguaguauaacggcuCga	1
Gi3_28229254_x2	ucGcacccaacagauccg	1
Gi3_28234392_x2	gguucgauucccggcgccggaU	1
Gi5_8827813_x2	Gcggcguaguauaacggcuagaau	1
Gi1_4111627_x2	gguucgauucccgUgccg	1
Gi3_28108420_x2	cagauccgggCucgauucc	1
Gi3_28040844_x2	ucgauuccggcgccggaAc	1
Gi2_10947365_x2	guucgauuAccggcgccggag	1
Gi2_10883591_x2	ucgauuccggcgccUga	1
Gi3_28216684_x2	gguucucacccaCagauccgggu	1
Gi5_8762963_x2	gguucgauucccgcgCgAgga	1
Gi4_566220_x2	Uguucucacccaacagauccg	1
Gi1_4128245_x2	uggAucucacccaacagauccg	1
Gi3_27993486_x2	guucucacccaCagauccgg	1
Gi1_4091359_x2	Cuucgauuccggcgccggagc	1
Gi2_10893647_x2	gguucgaAuuccggcgccgga	1
Gi5_8823847_x2	accaacaNauccggguucgauucc	1
G1a_5939924_x2	uccggcguaguauGacggcuaga	1
G1a_5921894_x2	uccggcguaguauaacggcuagGa	1
Gi3_28018490_x2	guucucacccaacaAauccgg	1
Gi3_28102444_x2	gUcguaguauaacggcuaga	1
Gi2_10846981_x2	ucgauuccggcAccggagc	1
Gi5_8757575_x2	gguucgauucccUgcgccggag	1
Gi3_28212126_x2	gauucccgAcgccggagc	1
Gi1_4125009_x2	ucGcacccaacagauccg	1
Gi2_10972823_x2	gguucucacccaaAagauccg	1
Gi2_10948143_x2	Cgguucgauuccggcgccggagc	1
Gi1_4091203_x2	guucgauucccgCccgga	1
Gi5_8724307_x2	uccggcguaguauaacggA	1
Gi2_10962109_x2	uccggcguaguauaacggGua	1
Gi1_4148503_x2	Uuucgauuccggcgccggag	1
Gi2_10992029_x2	uccggcguaguaAaacggcuaga	1
Gi3_27983194_x2	uucucCcccaacagauccgg	1
Gi2_10874581_x2	uccggcguaguaCaacggcuagaa	1
Gi3_28228472_x2	ucAggcguaguauaacggcuagaau	1
Gi5_8721603_x2	uGgauuccggcgccggag	1
Gi1_4103481_x2	gguucgauucccgcgU	1
Gi5_8772157_x2	aUuccggcguaguauaacggcuagaugg	1
Gi2_10929055_x2	guucgauuccggcgAcggag	1

Gi5_8731915_x2	..gguAcucaccaacagauccg	1
Gi1_4142901_x2	..gguuUgauucccgcgccgga	1
G1a_5930724_x2	..ggGucgauucccgcgccggagc	1
Gi3_28137472_x2	..cUggcgguaguauaacggcuaga	1
Gi1_4105631_x2	..uucNcaccaacagauccg	1
Gi5_8721061_x2	..ucucaccaacGgauccg	1
Gi1_4155703_x2	..guucgauUccggcgccgga	1
Gi1_4115253_x2	..uccggAguaguauaacgg	1
Gi3_28086048_x2	..cgauucccgAgccggagc	1
Gi3_28162802_x2	..gauucAcggcgccggagc	1
Gi3_28027976_x2	..uccggcgguaguaGaaccgc	1
Gi3_28114184_x2	..cagauccggguucgauUcc	1
Gi3_28218068_x2	..gguucgaAuuccggcgccgg	1
Gi5_8822741_x2	..guucgauucccgcgccgCa	1
Gi1_4118673_x2	..uccggcgguaguauUcggcuagaau	1
Gi2_10988729_x2	..cgauUccggcgccggagcguuuc	1
Gi2_10959557_x2	..uccggcgguNguauaacggcu	1
Gi3_28236582_x2	..guucgauCcccgcgccg	1
Gi4_562006_x2	..ucUggcgguaguauaacggcuaga	1
Gi2_10978487_x2	..gaAuucccgcgccggagc	1
Gi1_4156275_x2	..ucaccaacagaCccgggu	1
Gi1_4118337_x2	..caUccaacagauccggguucgauucc	1
Gi1_4110277_x2	..gguucgauucccgcgccgC	1
Gi5_8731855_x2	..Gcagauccggguucgauucccgcg	1
Gi2_10978229_x2	..uucucaccaacUgauccg	1
Gi3_28171068_x2	..gguucgauucccgcgGcg	1
Gi5_8729115_x2	..Cguucucaccaacagauccg	1
Gi5_8730009_x2	..gguucgauAcccgcgccg	1
Gi2_10889355_x2	..uccggcgguaguauUcggc	1
Gi3_28200538_x2	..uccggcgguaguauaacggcuagUa	1
Gi4_564492_x2	..uccggcgguaguauaacggcuAaau	1
G1a_5920410_x2	..cgauaguauaacggcuaga	0
Gi5_8743365_x2	..ucCaccaacagauccg	1
Gi3_28229644_x2	..cgauucccgcgccggagcCu	1
G1a_5918792_x2	..Ggguucucaccaacagauccg	1
Gi1_4100969_x2	..gguucuUaccaacagauccg	1
Gi2_10832883_x2	..guucgauGccggcgccg	1
Gi3_28257636_x2	..guuNguauuccggcgccg	1
Gi3_28009626_x2	..uAguucucaccaacagauccg	1
Gi2_10888181_x2	..gguucgUuuccggcgccgga	1
G1a_5966336_x2	..gguucgauucccgcgccAgagc	1
Gi5_8820989_x2	..uccggcgguaguauacCgcuag	1
Gi5_8827803_x2	..gauuccAgcgccggagc	1
Gi3_28144720_x2	..cucaccaacagauUgg	1
Gi2_10976811_x2	..gguucgauuccggcgccUga	1
Gi2_10833051_x2	..uAccggcuaguauaacggcuaga	1
Gi4_560504_x2	..gguCcgauucccgcgccggagc	1

Gi3_28226266_x2	uccggcgAaguauaacggcuag	1
Gi3_28115858_x2	uUcggguucgauucccgcgccgga	1
Gi1_4147955_x2	uccggcguaguauaGcggcu	1
Gi2_10944459_x2	agaaugguNgguucucacc	1
Gi3_27985310_x2	uccggcguaguauaacggcC	1
Gi3_28157448_x2	guucucacccaacagaucAgg	1
Gi1_4130011_x2	guucucacccaacaAaucg	1
Gi2_10964813_x2	ucacccaacagauccggguu	0
Gi3_28014692_x2	cacccaacNgauccggguuc	1
Gi1_4145445_x2	uucgauucUcggcgccgg	1
Gi4_556180_x2	Auucgauucccgcgccgg	1
Gi5_8770111_x2	guucUauucccgcgccggagc	1
Gi2_10885075_x2	ccggcguaguauaacggcCa	1
Gi1_4145883_x2	uucucacGcaacagauccg	1
Gi1_4157677_x2	guucucacccaacagauccU	1
Gi3_28097608_x2	Ucguaguauaacggcuagaa	1
Gi2_10890487_x2	uccggAguaguauaacggcua	1
Gi2_10944301_x2	Agguucucacccaacagauccg	1
Gi3_27980764_x2	Uucacccaacagauccgg	1
Gi2_10838125_x2	ccggUguaguauaacggcua	1
Gi3_28240662_x2	gguNcgauucccgcgccgg	1
Gi2_10919851_x2	gauucccgcgccggagcCu	1
Gi3_28180718_x2	aCaucggguucgauucc	1
Gi2_10868063_x2	Accggcguaguauaacggcua	1
Gi2_10991033_x2	gguuGgauucccgcgcc	1
Gi2_10847113_x2	Ggguucucacccaacagaucc	1
Gi1_4123089_x2	cucaGccaacagauccgg	1
Gi5_8746507_x2	guucgauucccggcCccggagc	1
Gi3_28189706_x2	guucucGcccaacagauccggg	1
Gi2_10948995_x2	uccggcguUguauaacgg	1
Gi1_4147109_x2	cucacccaacagauccgA	1
Gi3_28229778_x2	gggGucgauucccgcgccggagc	1
Gi5_8777695_x2	gguucgauuccGggcgccg	1
Gi3_28164600_x2	uucucCcccaacagauccg	1
Gi5_8829203_x2	ccggcguGguauaacggcuag	1
Gi3_28119816_x2	Cucgauucccgcgccggagc	1
Gi2_10848903_x2	uGcggcguaguauaacggcu	1
Gi3_28001188_x2	gguucuAacccaacagauccg	1
Gi1a_5909814_x2	gguucgauucccgcgccggcC	1
Gi5_8757095_x2	Ggauucccgcgccggagcguuuc	1
Gi5_8770651_x2	guucgauucccgcgccgAagc	1
Gi2_10974063_x2	uccggguuNgauucccgcgccgga	1
Gi1a_5953700_x2	guucgauucccgcgUcggagc	1
Gi3_28132424_x2	gauccggguucGuuccc	1
Gi5_8723877_x2	ccggcguaguauaaGggcuag	1
Gi3_28056046_x2	guucucacGcaacagauccg	1
Gi5_8764301_x2	uucucaccNaacagauccggguu	1

Gl1a_5965936_x2	uccggcgCaguauaacggcu	guucgauucccgAcgccgga	1
Gi1_4150583_x2		gguucgauAcccgcgcc	1
Gi5_8745723_x2		gguucgauucccgcgccggagG	1
Gi5_8718575_x2		cgauucccgcgccAgag	1
Gi3_28027990_x2		ggguCcgauucccgcgccg	1
Gi3_28141006_x2		uUucacccaacagauccgg	1
Gi3_28007004_x2		caacagauccggguucgauuccA	1
Gi3_28146992_x2		gguucgauucccgcgccgCagc	1
Gi5_8737139_x2		gguucgauucccgcgUcggagc	1
Gl1a_5965278_x2		guucgauucccgAcgccg	1
Gi1_4140307_x2		uucgGuucccgcgccggagc	1
Gi3_28160534_x2		uccggcgguaguauUcggc	1
Gi5_8811289_x2		ugguGcucacccaacagauccgg	1
Gi1_4109757_x2		ucgGuucccgcgccggagc	1
Gi1_4132611_x2		uccgCcgguaguauaacggcuag	1
Gi1_4157141_x2		gguucucacccaacGgauccgggu	1
Gi3_27988624_x2		gauucccgcgccggagcCu	1
Gi3_28174612_x2		ucNggcgguaguauaacgg	1
Gi3_28238266_x2		uucgauucccgcgGcgga	1
Gi3_28226426_x2		ggUguaguauaacggcuag	1
Gi3_28109010_x2		gAuucucacccaacagaucc	1
Gi5_8740929_x2		ugguucucacccGacagauccgg	1
Gi5_8744349_x2		ucucacccaacagCuccg	1
Gi5_8738131_x2		guucucacccaaGagauccgg	1
Gi2_10831999_x2		guucUauucccgcgccg	1
Gi1_4093929_x2		agauccggguCcgauucc	1
Gi2_10913593_x2		cgauucccgcgccggagcC	1
Gi5_8793103_x2		gguucgauucccgcgGcgga	1
Gi5_8719451_x2		guucgauucccgcgccggagG	1
Gi2_10984659_x2		uccggcgguaguauaaAgggcuag	1
Gl1a_5911344_x2		Gccggcgguaguauaacggcuagaa	1
Gi4_561578_x2		uccggcgguaguauCacggcuagaa	1
Gi1_4134087_x2		Cgguucgauucccgcgccg	1
Gi2_10854593_x2		ugguucucacccaacagauccA	1
Gi3_28251546_x2		Uuucgauucccgcgccg	1
Gi4_555552_x2		uccggcgguCguauaacggcuag	1
Gi2_10864803_x2		ucgauucccgcgccggagcGA	1
Gi3_28030324_x2		ugguucucCcccaacagauccg	1
Gi1_4115131_x2		ucgauucccgcgccggagU	1
Gi3_28204134_x2		gauucccgNcgccggagc	1
Gi2_10836725_x2		uccggcgguaguUaacggcuag	1
Gi2_10857619_x2		Cucgauucccgcgccggagc	1
Gi2_10940653_x2		guucgaAuucccgcgccggagc	1
Gi5_8731585_x2		uccggcgguaguauCacggcuagaa	1
Gi3_28202388_x2		gguucucacccCacagauccgg	1
Gi5_8734339_x2		uccggcUuaguauaacggc	1
Gi3_27998018_x2			1

Gi3_28056430_x2.....uucgGuucccgcgccgg..... 1
 Gi4_553470_x2.....guucgauucccgcgccAg..... 1
 Gi2_10856589_x2.....cgauucccgcgccggagcgCuuc..... 1
 Gi3_28155778_x2.....Uguccggcguaguauaacggcuaga..... 1
 Gi4_565016_x2.....cucacccaNcagauccggguucg..... 1
 Gi2_10859405_x2.....uucucacccaacagauccA..... 1
 Gi3_28013498_x2.....uccggcguaguauaacggGua..... 1
 Gi2_10960141_x2.....uucgauucccggcAccgga..... 1
 Gi5_8754285_x2.....gguucgauucccgGgccg..... 1
 Gi2_10922609_x2.....gauucccgcgccggagU..... 1
 Gi1_4119445_x2.....uucgauuccUggcgccgg..... 1
 Gi5_8744545_x2.....uccggcguauauaacggc..... 1
 Gi5_8813375_x2.....uUucacccaacagauccg..... 1
 Gi1_4147083_x2.....ggcguaguNuaacggcuag..... 1
 Gi5_8732703_x2.....gguucgauucccgcgAgg..... 1
 Gi5_8789587_x2.....uucucaGccaacagauccg..... 1
 Gi1_4147021_x2.....guucgauucccgcgAg..... 1
 Gi5_8785991_x2.....ccggcguaNuaaacggcua..... 1
 Gi3_28184974_x2.....uccggcguaguauaaAggcuagaau..... 1
 Gi1_4150551_x2.....ugguucucaAccaacagauccg..... 1
 Gi2_10869407_x2.....guucCauucccgcgccggagc..... 1
 Gi3_28086514_x2.....cagauccggguucgauCccc..... 1
 Gi2_10851449_x2.....Uuucucacccaacagauccg..... 1
 Gi3_28057528_x2.....uccggAguaguauaacggcu..... 1
 Gi1_4114805_x2.....Ccucacccaacagauccg..... 1
 Gi1_4123129_x2.....cacccaacNgauccggguucgauucc..... 1
 Gi2_10981085_x2.....guucgauucccgcgccUg..... 1
 Gi5_8769191_x2.....cGggcguaguauaacggcuag..... 1
 Gi3_28224340_x2.....guucucacccaacagauccgC..... 1
 Gi1_4134357_x2.....guucucCccaacagauccg..... 1
 Gi3_28178876_x2.....cAcacccaacagauccg..... 1
 Gi1_4099341_x2.....gguucgauuccUggcgccgga..... 1
 Gi3_28251356_x2.....cgauCcccggcgccggagc..... 1
 Gi3_27990064_x2.....uccggcguaguUuaacggcuagaa..... 1
 Gi1_4128663_x2.....uccggcguaguauUcggcua..... 1
 Gi1_4151389_x2.....uccggcguagAuaaacggc..... 1
 Gi3_28079074_x2.....ucgauuccAggcgccgga..... 1
 Gi1_4153745_x2.....gguucucaUccaacagauccg..... 1
 Gi2_10835087_x2.....uccggcguaguauGacggcuag..... 1
 Gl1_5900034_x2.....Aguucgauucccgcgccgga..... 1
 Gi2_10911591_x2.....gauucccgUcgccggagc..... 1
 Gi1_4109713_x2.....uucucUccaacagauccg..... 1
 Gi2_10861221_x2.....guucgauGcccggcgccggagc..... 1
 Gi5_8760729_x2.....uccggcguaguauaacggUua..... 1
 Gi2_10918679_x2.....uccggcguUguauaacggcuagaa..... 1
 Gi1_4117015_x2.....cGggcguaguauaacggcu..... 1
 Gi2_10897681_x2.....uuUgauucccgcgccggag..... 1

Gi2_10975085_x2.....	ucgauucccggcgcggG.....	1
Gi3_28187862_x2.....	gguucucacccaUcagauccg.....	1
Gi5_8817329_x2.....	cccaacGgauccggguuc.....	1
Gi5_8766929_x2.....	cagauccggGucgauucccggcgcg.....	1
Gi5_8743151_x2.....	uccggcguagGauaacggc.....	1
Gi3_28217236_x2.....	uucgauucccgGAgccgga.....	1
Gi2_10964545_x2.....	gguucucUcccaacagauccg.....	1
Gi3_27994084_x2.....	uucgCuucccggcgcggga.....	1
Gi3_28185408_x2.....	uucgauucUcggcgcgg.....	1
Gi1_4089331_x2.....	uUcggcguaguauaacggcuagaa.....	1
Gi3_27980270_x2.....	gguNcucacccaacagauccg.....	1
Gi2_10932017_x2.....	cucacccaacGgauccg.....	1
Gi3_28044656_x2.....	uccggcguaguauaGcggc.....	1
Gi3_28123760_x2.....	uccggcguaguauaUcggcuag.....	1
Gi2_10886137_x2.....	gAuucgauucccggcgcgg.....	1
Gi5_8794179_x2.....	ugguAcucacccaacagauccg.....	1
Gl1a_5897474_x2.....	guucgauucccggcgcUggagc.....	1
Gi3_28141704_x2.....	guucgauuccAggcgcggag.....	1
Gi5_8829587_x2.....	ugguucucacccaGcagauccgggu.....	1
Gi1_4093469_x2.....	uccggcguaguauaacggUu.....	1
Gi1_4105501_x2.....	uccggcguNguauaacggc.....	1
Gi3_28183034_x2.....	uccggcguaguauaUcggc.....	1
Gi1_4136671_x2.....	gcuGguauaacggcuag.....	1
Gi1_4107931_x2.....	uucucaUccaacagauccg.....	1
Gi2_10861727_x2.....	uucucacccaCagauccg.....	1
Gi1_4122639_x2.....	Aguucucacccaacagauccg.....	1
Gl1a_5885892_x2.....	uccAgcguaguauaacggcuag.....	1
Gi5_8817405_x2.....	uccggcguaguauaacggcuagaaG.....	1
Gi2_10930629_x2.....	uccggcguagGauaacggc.....	1
Gi1_4124243_x2.....	ccggcguaNuauaacggc.....	1
Gi3_28117386_x2.....	gguucgauucccggcUccg.....	1
Gi5_8798379_x2.....	ucucacccaacaUauccg.....	1
Gi2_10937331_x2.....	ugguucucacccaacagauccC.....	1
Gi1_4140105_x2.....	cgauucccggcgcggagcC.....	1
Gi5_8785053_x2.....	gguuGgauucccggcgcggga.....	1
Gi1_4124623_x2.....	cucacccaacagUuccg.....	1
Gl1a_5946596_x2.....	gguucgauucccggcgcAg.....	1
Gi1_4142993_x2.....	ccggcguGguauaacggcuaga.....	1
Gi2_10945881_x2.....	uucgaCuucccggcgcgg.....	1
Gi2_10988189_x2.....	guucucacccaacaAauccg.....	1
Gi1_4103203_x2.....	gGugguucucacccaacagauccgggu.....	1
Gi1_4155181_x2.....	uucucUcccaacagauccg.....	1
Gi3_27984222_x2.....	guucgauucccggcgcgggaU.....	1
Gi2_10886261_x2.....	guucucaccccacagauccgg.....	1
Gi5_8729459_x2.....	guucgauuccAggcgcggagc.....	1
Gi1_4125815_x2.....	gguucucacccaaUagauccg.....	1
Gi2_10847523_x2.....	guucgauucccgCgcggagc.....	1

Gi1_4099169_x2	uucucaccAaacagauccgg	1
Gi3_28242240_x2	guucuAaccaacagauccgg	1
Gi1_4107127_x2	Gccggguucgauucccgcgccgga	1
Gi1_4122019_x2	uucgauucccgcgccgga	0
Gi1_4135311_x2	gguucgauNcccgcgcc	1
Gi5_8828365_x2	uGucaccaacagauccgggu	1
Gi5_8820837_x2	Ucguaguauaacggcuaga	1
Gi5_8739787_x2	guuGgauucccgcgccgg	1
Gi3_28211802_x2	auccggguucgauucccgcg	0
Gi1_4145897_x2	accaacaNauccggguucgauuccg	1
Gi3_28184814_x2	uccggcguagGauaacggcua	1
Gi2_10878373_x2	guGcucaccaacagauccg	1
Gi2_10925909_x2	agAccggcguaguauaacgg	1
Gi1_4104341_x2	uccggcguaguauaaGggcuag	1
Gi3_28005272_x2	guucgauucccgcgUccgg	1
Gi3_28053262_x2	Cucgauucccgcgccgga	1
Gi1_4156181_x2	guucgauucccgcgccUgagc	1
Gi5_8744671_x2	guucgauucccgcgAcgga	1
Gi1_4095231_x2	guucucaccaacagauccC	1
Gi1_4113121_x2	uccggcUuaguauaacggcuag	1
Gl1a_5908756_x2	uuUucaccaacagauccg	1
Gi5_8808045_x2	cucaccaacagauAcgg	1
Gi5_8802339_x2	uccggcguaguauaacggUuagaa	1
Gi4_564000_x2	gCucgauucccgcgccgga	1
Gi3_28094166_x2	gguucucaccaCcagauccgg	1
Gi5_8723201_x2	uccgAcguaguauaacggcua	1
Gi3_28059142_x2	cgauucccAgcgccggag	1
Gl1a_5936410_x2	uccggcguaguCuaacggcuag	1
Gi5_8745705_x2	gguucgauuAccggcgccggag	1
Gi1_4143113_x2	uucgauucNcgcgccggagc	1
Gi2_10893279_x2	agauccgggAucgauucc	1
Gi3_28162628_x2	gguuGgauucccgcgcc	1
Gi1_4153575_x2	ucgauucccgcgccggCgc	1
Gl1a_5898620_x2	gguucgauuccUgcggcgagc	1
Gi5_8719757_x2	gguuUgauucccgcgccggagcgu	1
Gi1_4121371_x2	gguucgauucccgcgccAgag	1
Gi1_4116841_x2	gguucucaccaacaAauccg	1
Gi5_8768605_x2	uccggcguaguauaaGggcuagaa	1
Gi2_10851903_x2	gguaCgauucccgcgccgg	1
Gi5_8774561_x2	gguucgauNcccgcgccggagcgu	1
Gi1_4154957_x2	guucucacAcaacagauccg	1
Gi1_4158569_x2	uccggcguaguauaaAggcua	1
Gi3_28125892_x2	uucucaUccaacagauccg	1
Gi5_8764685_x2	guucgauAcccgcgccgga	1
Gi1_4149059_x2	uccgAcguaguauaacggcuagaa	1
Gl1a_5956184_x2	uccAgcguaguauaacgg	1
Gi2_10920215_x2	uccggcguaguauaacggcC	1

Gi5_8829307_x2	uccggcguaguauaacggcuagGa	1
Gi2_10959413_x2	uucucacGcaacagauccg	1
Gi5_8735337_x2	ugguucucacUcaacagauccg	1
Gi1_4092761_x2	uccggcguagCauaacggcuagaau	1
Gi2_10905121_x2	cgauucccgAcgccggagcguuu	1
Gi3_28150636_x2	gaGucccggcgccggagc	1
Gi2_10935317_x2	guucgauucccggcgccgAag	1
Gl1a_5952986_x2	guucgauucccggcgccggagU	1
Gi5_8828401_x2	uccggcguaguUuaacggcu	1
Gi3_28147466_x2	ucgauucccggcgUggagc	1
Gi3_28091478_x2	cucacccaacCgauccgg	1
Gi1_4143385_x2	ucGcacccaacagauccg	1
Gi5_8802831_x2	gguuAgauucccggcgccg	1
Gi3_28073174_x2	uugguuGucacccaacagaucc	1
Gi5_8786395_x2	ucucaccAaacagauccg	1
Gi1_4095171_x2	gguucgauuccUggcgccggagc	1
Gi5_8731359_x2	gguucgauucccggcgccC	1
Gi2_10977695_x2	guucgauucccggcgccggaA	1
Gi2_10848597_x2	uucucacUcaacagauccg	1
Gi3_28077110_x2	ucgauuAccggcgccgga	1
Gl1a_5954434_x2	gGucgauucccggcgccggag	1
Gi5_8791119_x2	Gcggguucgauucccggcgccgga	1
Gi2_10883617_x2	ggAucgauucccggcgccgg	1
Gi3_28136020_x2	uucGcacccaacagauccg	1
Gi5_8750825_x2	Ucggcguaguauaacggcu	1
Gi3_28236100_x2	caacagauccggguucAauuccc	1
Gi1_4107657_x2	ugguucucacccUacagauccg	1
Gi1_4101425_x2	gguucgauucccggcgGcgg	1
Gi1_4143387_x2	gguuGgauucccggcgccg	1
Gi5_8730121_x2	ccggcguaNuuaacggcuag	1
Gi3_28257730_x2	gguGcgauucccggcgccgga	1
Gi2_10926921_x2	guucgauucccggcgccCga	1
Gi3_28078132_x2	gauAcccggcgccggagc	1
Gi2_10884795_x2	ucgauucccggcgAcggagc	1
Gi3_28199080_x2	gguucgauucccggcgccUgag	1
Gi1_4123331_x2	uucucacGcaacagauccg	1
Gi5_8766899_x2	gCucgauucccggcgccggag	1
Gl1a_5917286_x2	uccggcguaguauaacggGuagaa	1
Gi3_28133550_x2	uucucacccaacCgauccg	1
Gi1_4151535_x2	uucuUacccaacagauccg	1
Gi3_28046310_x2	ucucacccaacCgauccg	1
Gi5_8789839_x2	cgggguucgauucccggUgcc	1
Gl1a_5927864_x2	ucAggcguaguauaacggcuag	1
Gi2_10846363_x2	uccggcguaguauaacggAuagaau	1
Gl1a_5911236_x2	uGcgauucccggcgccggagc	1
Gi4_556122_x2	guucgauuNccggcgccg	1
Gi2_10955977_x2	uucgaCuccggcgccgga	1

Gi5_8730235_x2	ucgauuccNgcgcccgagc	1
Gi2_10926639_x2	uccggcguaguGuaacggcu	1
Gi1_4128275_x2	ucAggCGuaguauaacggcua	1
Gi3_28229662_x2	uccggcguaguauaacGU	1
Gi5_8788193_x2	gguuAgauucccgcgccgga	1
Gi5_8777755_x2	uccggcguaguauaacAgcuagaa	1
Gi1_4148939_x2	guGcgauucccgcgccgga	1
Gi2_10835117_x2	ucgauCcccggcgccggagc	1
Gi3_28082596_x2	ggAucucacccaacagauccgg	1
Gi3_28154844_x2	cgguucgauucccAgcgccgga	1
Gi3_28019352_x2	ccggcguaguauGacggcuaga	1
Gi3_27997574_x2	gauucccgcgccggagU	1
Gi5_8763795_x2	gguucgauucccgAcgcc	1
Gi2_10973049_x2	uccggcguauauaacggcuagaa	1
Gl1a_5976028_x2	uccggcguaguauaacGcuag	1
Gi2_10986739_x2	uccAgcgguaguauaacggcua	1
Gi2_10842275_x2	uccggcguaguauaaGggcuaga	1
Gl1a_5915830_x2	gCucucacccaacagauccg	1
Gi3_28204358_x2	cgaCucccgcgccggagc	1
Gi2_10953299_x2	ugguucucacccaacGgauccg	1
Gi3_28166900_x2	cgauucAcggcgccggagc	1
Gi1_4153405_x2	agauccgggCucgauuccc	1
Gi2_10983297_x2	cgcgcuaguauaacggcuag	0
Gi2_10865509_x2	cgcgcuaguauaGcggcua	1
Gi3_28241054_x2	uucgauucccgcgccAga	1
Gi1_4148421_x2	uccggcguaguauaacGU	1
Gi5_8816703_x2	guucucaGccaacagauccg	1
Gl1a_5977690_x2	gguucgauNcccggcgccgga	1
Gi3_28063086_x2	ucGggcguaguauaacggcuagaa	1
Gi5_8770649_x2	uccggcgGaguauaacgg	1
Gi3_28060026_x2	uucucacccaacCgauccgg	1
Gl1a_5976424_x2	gguucgCuucccgcgccg	1
Gi1_4141471_x2	guucgauucccgcgccggagA	1
Gi3_28212010_x2	Uguccggcguaguauaacggcuagaa	1
Gi1_4129275_x2	gguucgauucccCgcgccggagc	1
Gi1_4127809_x2	guucgauucUcgcgccgga	1
Gi2_10914271_x2	uCguucucacccaacagaucc	1
Gi5_8803873_x2	gCGuaguauaacggcuag	0
Gi2_10868131_x2	uccggcguagGuaaacggcua	1
Gl1a_5931608_x2	uccggUguaguauaacggcuaga	1
Gi3_28118232_x2	guucucacAcaacagauccgg	1
Gi3_28012268_x2	ggcguaguauaacggcuagG	1
Gi2_10949289_x2	uucucacccaaUagauccg	1
Gi3_28063662_x2	cGcaccacagauccggguucgauu	1
Gi3_28224872_x2	uucAauucccgcgccggagc	1
Gi2_10930853_x2	uuUucacccaacagauccggguucg	1
Gi4_554608_x2	guucgaCucccgcgccgg	1

Gi1_4118677_x2		guucgauucccgUcgccg	1
Gl1a_5898922_x2	uccggcguaguauaGcgg		1
Gi2_10921797_x2		uuUgauucccgccgga	1
Gi1_4154003_x2		guucgauAcccgcgccggagc	1
Gi5_8743487_x2	uccggcgCaguauaacggcuagaa		1
Gi5_8800855_x2		guucgauAcccgcgccggagc	1
Gi1_4092961_x2	uccggcguaguauaacggcuUga		1
Gi1_4128985_x2		Cuccggguucgauucccgcgccgg	1
Gi5_8789299_x2		guucCauucccgcgccg	1
Gi3_28027372_x2	ucucacccaacGgauccg		1
Gi4_553262_x2		gguucgauNcccgcgccggagc	1
Gi1_4155657_x2	uccggcguaguauaacCgcuag		1
Gi1_4109943_x2		gguucucacGcaacagauccg	1
Gi2_10951235_x2		ucgauucccgcgccggagU	1
Gi2_10865455_x2	uAcggcguaguauaacggcuagaa		1
Gi3_28166684_x2		guucgauucccgUcgccg	1
Gi5_8822577_x2		gguucgauucAcggcgccg	1
Gi1_4123745_x2	uccggcguaguUuaacggcuag		1
Gi1_4109933_x2	uccUgcguaguauaacggcuaga		1
Gi5_8718193_x2		auucccgcgccggagcA	1
Gi3_28204080_x2		Nguucucacccaacagauccg	1
Gi1_4150149_x2		gguucucacccaacCgauccg	1
Gi1_4138259_x2		gguucgauuccUcgccgga	1
Gi1_4105643_x2		uucucaccCacagauccg	1
Gi5_8808483_x2		gguucgaGucccgcgccg	1
Gi5_8797229_x2		gguucgauucccggcAcc	1
Gi5_8782575_x2		gAucucacccaacagauccg	1
Gi5_8770777_x2	ucUggcguaguauaacggcu		1
Gi1_4150117_x2	uccggcguaguauaacggcuagGa		1
Gi3_28007158_x2		gguucCcacccaacagauccg	1
Gi3_28236116_x2		uucucacccaacagauAccg	1
Gi2_10871971_x2		guucgauucccgcgccgCag	1
Gi2_10833539_x2		guucgauucUcgcgccgga	1
Gi5_8755189_x2		Aucucacccaacagauccg	1
Gi2_10938311_x2		uAcucacccaacagauccg	1
Gi5_8799241_x2		guucucacccaaAagauccg	1
Gi5_8798375_x2		guucucacccaacagauccgA	1
Gi1_4133053_x2		ggGucgauucccgcgccg	1
Gi1_4147755_x2	ggUguaguauaacggcua		1
Gi2_10952191_x2		gguucgauucccgcgccCg	1
Gi3_28141668_x2	ccggcguaguCuaacggcuag		1
Gi1_4093181_x2	ccggcguaNuaaacggcua		1
Gi3_28008200_x2	ccggcguaguauaGcggcuag		1
Gi3_28016028_x2	uccggcguaguauaacggUuagaa		1
Gl1a_5897486_x2	uccggcguNguauaacggcuag		1
Gi3_28024186_x2		gguucgauuccUcgcccg	1
Gi5_8790001_x2		gguucucCcccaacagauccg	1

Gi4_559956_x2	.....guucgauucccgcgUcgg.....	1
Gi3_28177218_x2	.....ccggcguaguauCacggc.....	1
Gi3_28130614_x2	.....agaucggguucgCuuccc.....	1
Gi1_4120257_x2	.....gguucgauCcccggcgccgga.....	1
Gi3_28239388_x2	.....gCucucacccaacagauccgg.....	1
Gi2_10968989_x2	.....ugAuucucacccaacagauccg.....	1
Gi3_28254224_x2	.....guucgaGucccgcgccg.....	1
Gi1_4135867_x2	.....Cguucgauucccgcgccgga.....	1
Gi5_8820439_x2	.....uucucacAcaacagauccggguu.....	1
Gi5_8801251_x2	.....uucccgcgccggagcCu.....	1
Gi3_28071682_x2	.....gguGcgauucccgcgccg.....	1
Gi5_8748173_x2	.....guucCcaccaacagauccgg.....	1
Gi3_28058190_x2	.....gguucucCccaacagauccg.....	1
Gi5_8756105_x2	.....Uaucggguucgauucccgcgccgga.....	1
Gi1_4126001_x2	.....ugguucAcaccaacagauccgg.....	1
Gi5_8795605_x2	.....ugguucucaccaacCgauccg.....	1
Gi1_4143197_x2	.....uucucaAccaacagauccgg.....	1
Gi3_28068438_x2	.....Cgguucucacccaacagauccg.....	1
Gi3_28149690_x2	.....uccgCcgaguauaacggcuagaau.....	1
Gi3_28053326_x2	.....gguucgauucccgCcgccgga.....	1
Gi2_10896883_x2	.....Nccggcguaguauaacggcuaga.....	1
Gi3_28214384_x2	.....Nuucucacccaacagauccg.....	1
Gi1a_5954946_x2	.....gguucgGuucccgcgccgga.....	1
Gi3_28161772_x2	.....gguucucacccaacagauccgggC.....	1
Gi1_4138577_x2	.....guucgauuccUggcgccgga.....	1
Gi5_8805879_x2	.....uccggcguaguauaaGgg.....	1
Gi2_10831105_x2	.....uGcgauucccgcgccgga.....	1
Gi3_28243286_x2	.....ucgauucccgcgcgAgga.....	1
Gi3_28146306_x2	.....cgauucccgcgcgccgGgc.....	1
Gi2_10973233_x2	.....guucgauucccgGgccg.....	1
Gi3_28134518_x2	.....uccggcguaguauaacggAuagaa.....	1
Gi1a_5936588_x2	.....uccggcguaguauaacggcCag.....	1
Gi3_28028268_x2	.....uuGgauucccgcgccg.....	1
Gi3_28187008_x2	.....Gcggcguaguauaacggcuaga.....	1
Gi3_27996894_x2	.....guucucacccaacagaCccgg.....	1
Gi1_4095731_x2	.....gguucucacccaacagUuccg.....	1
Gi1_4148309_x2	.....caGcagauccggguucgauu.....	1
Gi2_10935313_x2	.....uccggcguaguauaacggUuagaa.....	1
Gi1_4142627_x2	.....gguucgauuccAgcgccgga.....	1
Gi2_10930911_x2	.....uccggcguaguauaacggcG.....	1
Gi2_10982175_x2	.....Cucgauucccgcgccg.....	1
Gi3_28175786_x2	.....Ggauccggguucgauuccc.....	1
Gi1_4129393_x2	.....auUcggguucgauucccgcgccgga.....	1
Gi2_10840491_x2	.....guucgauucccgAgccggag.....	1
Gi5_8774761_x2	.....uccggcguaguaAaacgg.....	1
Gi3_28055514_x2	.....Agcguaguauaacggcuagaau.....	1
Gi5_8760047_x2	.....Acggcguaguauaacggcua.....	1

Gi1a_5941006_x2	guuUucacccaacagauccg	1
Gi5_8797827_x2	uCgguucucacccaacagauccg	1
Gi1_4097929_x2	uccggcguaguauaCcgguagaa	1
Gi2_10872691_x2	uccggcguaguauaCcgguagaa	1
Gi5_8747733_x2	Accggcguaguauaacggc	1
Gi2_10844215_x2	uccggcguagCauaacgg	1
Gi2_10969409_x2	guuGgauucccgccgg	1
Gi2_10869777_x2	guucgauucGcgccggagc	1
Gi1_4122539_x2	Accggcguaguauaacggc	1
Gi3_28094734_x2	ucacccaaNagauccggguuc	1
Gi5_8760681_x2	uccggcguaguauaacggCcuagaau	1
Gi3_28038396_x2	ucgauucccgccgcGggagc	1
Gi1_4153631_x2	uucucacccaUcagauccg	1
Gi1_4105013_x2	uccggcguaguGuaacggc	1
Gi1a_5974960_x2	ggCucgauucccgccggag	1
Gi2_10851779_x2	ugguucucacccCacagaucc	1
Gi3_28026106_x2	Cgauccggguucgauucc	1
Gi2_10967301_x2	gguucucacccaacagauccC	1
Gi3_27995408_x2	ucGggcguaguauaacggcuagaa	1
Gi2_10929383_x2	uccggcguaguauUacggcuag	1
Gi2_10981691_x2	uccggcguaguaGaacggcuaga	1
Gi2_10912907_x2	ggauNcgauucccgccg	1
Gi1_4156505_x2	uccggcguaguauaacggcuagaG	1
Gi3_28149006_x2	Aucacccaacagauccgg	1
Gi5_8741619_x2	uGucacccaacagauccgg	1
Gi5_8742463_x2	ccggcguaguauaacggcCa	1
Gi4_564356_x2	guucucacccaacagauccgg	0
Gi4_559706_x2	uccggcguaguauaacggcCag	1
Gi1a_5935670_x2	ugguucucacccaacagaCccg	1
Gi2_10947009_x2	guucucaUccaacagauccg	1
Gi2_10948229_x2	auucccgccgagcgcgA	1
Gi1_4145737_x2	cgguucgauucccgccg	0
Gi3_28006938_x2	cAgguucgauucccgccg	1
Gi2_10831301_x2	guucgauucAcggccg	1
Gi3_28135542_x2	guucgauucGcgccg	1
Gi3_28146416_x2	ggauucgauucccgccgagcAu	1
Gi2_10985957_x2	guucuAacccaacagauccg	1
Gi1_4112609_x2	ggauucgauucccgccgUcggagc	1
Gi2_10830341_x2	ggGucgauucccgccg	1
Gi1_4100751_x2	ggauucgauucccgccgAa	1
Gi1_4139401_x2	aCuccggcguaguauaacggcuag	1
Gi5_8798343_x2	ggauucgauuUcggccg	1
Gi2_10922353_x2	cgauucccgccgag	0
Gi1_4105975_x2	uccggcguaguaCaacggcua	1
Gi1_4156999_x2	uucucacccaacagUuccgg	1
Gi3_28083252_x2	guucgauucAcggccg	1
Gi2_10922159_x2	gguucucaUccaacagauccg	1

Gi3_28026004_x2	.guucucacccaacagauccU	1
Gi4_560328_x2	.cuUaccaacagauccggguucg	1
Gi2_10830033_x2	.uccggcguaguCuaacgg	1
Gi3_28023594_x2	.Uaccaacagauccggguuc	1
Gi5_8720847_x2	.ggGucucacccaacagauccgg	1
Gi5_8799665_x2	.aguccggcguaguGuaacggcuagaugg	1
Gi1_4092259_x2	.uccAgcguaguauaacggcu	1
Gi5_8809121_x2	.uccggcgAaguauaacggcuaga	1
Gi1_4138575_x2	.guucgauucAcggcgccgga	1
Gi2_10965115_x2	.guucucacccaaUagauccg	1
Gi3_28149540_x2	.uucucaccccUacagauccggguuc	1
Gi3_28210346_x2	.gguucgauucccgGgccgg	1
Gi1a_5943884_x2	.uucucacAcaacagauccg	1
Gi3_28164796_x2	.gguucgauuccGggcgcc	1
Gi2_10830241_x2	.gguucgauucccgUccggag	1
Gi1a_5966242_x2	.uucgaCucccgcgccggagc	1
Gi1_4123151_x2	.uccggcguaguUuaacggc	1
Gi1_4107727_x2	.gguucucacccaacagauccC	1
Gi5_8803327_x2	.agaucUggguucgauucc	1
Gi2_10980179_x2	.gguucucacccaacCgauccg	1
Gi3_28018856_x2	.guucgaAucccgcgccgg	1
Gi1_4101767_x2	.uccggAguaguauaacggc	1
Gi1_4152773_x2	.gguucucacccaacagaAccg	1
Gi2_10959617_x2	.gauucccgcgccggUgc	1
Gi1_4154685_x2	.uucucacccaaUagauccg	1
Gi3_28062282_x2	.ucucGcccaacagauccgg	1
Gi5_8757139_x2	.ugguucuUaccaacagauccgg	1
Gi4_558418_x2	.gguucgauucccgAgccgg	1
Gi5_8745417_x2	.gguucgauucccgAcgccg	1
Gi3_28130308_x2	.cCauucccgcgccggagc	1
Gi3_28073120_x2	.uccggguucgauucccgAcgccgga	1
Gi5_8758435_x2	.uucucaUccaacagauccgg	1
Gi5_8808217_x2	.gguucgauucccgcgAcggag	1
Gi3_28127092_x2	.uccggcguaguauaacggcA	1
Gi3_28040690_x2	.uucucacccaaUagauccg	1
Gi1_4151121_x2	.ucacccaaNagauccgggu	1
Gi3_28174226_x2	.gauucccgcgccgAagc	1
Gi2_10927783_x2	.ugguucucacccaacagCuccg	1
Gi5_8740013_x2	.uAcggcguaguauaacggcuaga	1
Gi3_28174380_x2	.ucgauucccgAcgga	1
Gi1a_5977502_x2	.ucUggcguaguauaacggcua	1
Gi1_4127477_x2	.uucgauuccAgcgccg	1
Gi3_28048824_x2	.uugguucucacccaacCgaucc	1
Gi3_28150320_x2	.ggguucgauucccgcgccggaA	1
Gi3_28164826_x2	.guucgauucGcgcgccgga	1
Gi1_4142987_x2	.ucucacccaCcagauccgg	1
Gi3_28151816_x2	.guucucacccaacagauAcggg	1

Gi2_10973467_x2.....	caacagaucggguucgauuccc.....	0
Gi1_4110413_x2.....	uccggcguCguauaacggcuaga.....	1
Gi5_8726267_x2.....	.cgcgguaguauaacggcuagC.....	1
Gi2_10982563_x2.....	.ugguuUucacccaacagauccg.....	1
Gi3_28038154_x2.....	caacagaucggUuucga.....	1
Gi1_4149379_x2.....	.....gguucgauucccggcAccg.....	1
Gi3_28021150_x2.....	.....gNucgauucccggcgcgga.....	1
Gi1_4129407_x2.....	.ugguucucacccaacagauCGgg.....	1
Gi1_4143625_x2.....	.ugguucucacccaaAagauccgg.....	1
Gi3_28173668_x2.....	.....uucgauucccggcgUcgga.....	1
Gi1_4106033_x2.....	.....gguucgauuccAggcgcgga.....	1
Gi3_28067814_x2.....	.....gguucgauucccggcgGcggag.....	1
G1a_5882038_x2.....	Auucgauucccggcgcggagc.....	1
G1a_5900774_x2.....	.ucGcacccaacagauccg.....	1
Gi5_8807219_x2.....	.uucucacGcaacagauccg.....	1
Gi3_28118842_x2.....	.gguucucacccaaAagauccg.....	1
Gi1_4124701_x2.....	.ucCcacccaacagauccgg.....	1
Gi1_4148397_x2.....	.....cucacccaacagCuccgg.....	1
Gi3_27989022_x2.....	.uccggcguaguauaacggcuagUau.....	1
Gi5_8804723_x2.....	.....uucucacccaGcagauccgg.....	1
Gi1_4156325_x2.....	.ccggcguaguauCacggcua.....	1
G1a_5889684_x2.....	.Accggcguaguauaacggcuaga.....	1
Gi3_28034640_x2.....	.uggCucucacccaacagauC.....	1
Gi1_4119473_x2.....	.gguuUucacccaacagauccg.....	1
Gi2_10868073_x2.....	.....guucgauuccAggcgcggag.....	1
Gi5_8775383_x2.....	.ccggcguaguGuaacggcuag.....	1
Gi5_8759301_x2.....	.....guucgauuccUgcgcg.....	1
Gi5_8746535_x2.....	.guucucaUccaacagauccgg.....	1
Gi1_4129075_x2.....	.gguucCcacccaacagauccg.....	1
G1a_5919070_x2.....	.uccggcguaguGuaacggcuag.....	1
Gi2_10872295_x2.....	.....gCuucgauucccggcgcgg.....	1
Gi5_8799585_x2.....	.uuUguucucacccaacagauccg.....	1
Gi5_8818769_x2.....	.ucucacccaacagauUgg.....	1
Gi2_10886403_x2.....	.....guucgauAccggcgcggga.....	1
Gi3_28084158_x2.....	Cgguucgauucccggcgcggag.....	1
Gi3_28233518_x2.....	.ucucacccaacagCuccg.....	1
G1a_5907016_x2.....	.ucUggcguaguauaacgg.....	1
Gi2_10914825_x2.....	.....uUgauucccggcgcggag.....	1
Gi3_28140736_x2.....	.....ucgaGucccggcgcggag.....	1
Gi3_28108166_x2.....	.....ucgauucccggcgcggagcU.....	1
Gi5_8738921_x2.....	.....guucgauucccggcgAcggagc.....	1
G1a_5953910_x2.....	.Cccggcguaguauaacggcuag.....	1
Gi2_10858231_x2.....	.....uccgAguucgauucccggcgcggga.....	1
Gi1_4126973_x2.....	.uucucacccaacagauGcgg.....	1
Gi2_10991491_x2.....	.....gguuAgaucccggcgcgg.....	1
Gi2_10873443_x2.....	.....gguucgUucccggcgcgg.....	1
Gi5_8765215_x2.....	.....guuNgauucccggcgcgg.....	1

Gi3_28187554_x2.....	ccggcguaguauaacAgc.....		1
Gi3_28145154_x2.....		cggguucGGuucccgccgga.....	1
Gi3_28000816_x2.....		guucgauucccgccgUa.....	1
Gi2_10950493_x2.....		gguucgauucccgGgccg.....	1
Gi2_10904223_x2.....	uccggcgCaguauaacggcuag.....		1
Gi5_8769155_x2.....		gguucucaNccaacagauc.....	1
Gi2_10856813_x2.....	uccggcgGaguauaacgg.....		1
Gi1_4133331_x2.....	uccggcguaguauaacggcAaga.....		1
Gi3_28241752_x2.....		cagaucCGAuucgauucc.....	1
Gi1_4089595_x2.....	Accggcguaguauaacggcuag.....		1
Gi5_8730799_x2.....		guucgauucGcgccg.....	1
Gi5_8826953_x2.....		uGgauucccgccgagc.....	1
Gi2_10940445_x2.....		guuNgauucccgccg.....	1
Gi5_8782019_x2.....		gguucAauucccgccgag.....	1
Gi5_8811253_x2.....		cgUuucccgccgagcguuuc.....	1
Gi4_566174_x2.....	uccggcguagCauaacggcuaga.....		1
G1a_5955874_x2.....		gguucgauucccgccgCg.....	1
G1a_5889316_x2.....		guucgaCuucccgccg.....	1
Gi4_557714_x2.....		guucgauCcccggccg.....	1
Gi2_10858965_x2.....	uccggcguaguauGacgg.....		1
Gi3_28113126_x2.....	ggUguaguauaacggcuaga.....		1
Gi1_4120567_x2.....		guucgauucccgccAgga.....	1
Gi5_8829199_x2.....		Ccgauucccgccgag.....	1
Gi1_4151585_x2.....	uccggcguagGauaacggc.....		1
Gi5_8811325_x2.....		guucgauuccGggccg.....	1
G1a_5966164_x2.....	uccggUguaguauaacggcuag.....		1
Gi2_10954433_x2.....	uccggcguGguauaacggcu.....		1
Gi5_8795541_x2.....	Nccggcguaguauaacggcuag.....		1
Gi1_4153047_x2.....		guAcgauucccgccgagc.....	1
G1a_5911486_x2.....		gguucgauucccgccgUgc.....	1
Gi5_8783157_x2.....		ugguucCcacccaacagauccgg.....	1
Gi3_28102078_x2.....	uccggcguaguauaacggcuCgaau.....		1
G1a_5896606_x2.....		guucucacccaGcagauccg.....	1
Gi1_4106883_x2.....		cucacccaCcagauccgg.....	1
Gi5_8824933_x2.....		gguucgauCcccggccg.....	1
Gi1_4115003_x2.....	Cccggcguaguauaacggcu.....		1
Gi3_28001584_x2.....		Gucacccaacagauccggguucgau.....	1
Gi3_28062436_x2.....	uccggcguCguauaacggcu.....		1
Gi5_8761219_x2.....		ugguucucacccaacGgauccgggu.....	1
Gi2_10838901_x2.....		guucgauucccgAcgccgag.....	1
Gi3_28113092_x2.....	uccggcguaguauaacgAcu.....		1
Gi1_4139407_x2.....		gguucgauucccgccUcg.....	1
Gi2_10925471_x2.....		gguucgauucccgccCga.....	1
Gi1_4149689_x2.....	uccggcguUguauaacggcua.....		1
Gi3_28147456_x2.....		uuUgauucccgccg.....	1
Gi2_10932327_x2.....		guuUucacccaacagauccg.....	1
Gi3_28033412_x2.....	uccggcguaguauaacggcAagaau.....		1

Gi5_8808605_x2	ucacAcaacagauccggguu	1
Gi3_28051960_x2	gguucgauucUcggcgcc	1
Gi2_10943205_x2	uccgAcguaguauaacggcuag	1
Gi3_28078084_x2	guucucaccUaacagauccgg	1
Gi2_10858249_x2	uucgauucccgggcgcggCg	1
Gi2_10840641_x2	uccggcgGaguauaacggcuagaa	1
Gi1_4102471_x2	ugguucucaccGacagauccg	1
Gi3_28170350_x2	uccggAguaguauaacggcuag	1
Gi3_28208094_x2	uucucacccaacagauccgggCuc	1
Gi1_4151871_x2	ggguucgaNucccgcgccgga	1
Gi5_8726993_x2	ggcguaguNuaacggcuaga	1
Gi1_4149361_x2	uccggcguaGcauacggcu	1
Gi1_4124833_x2	ucucaAccaacagauccg	1
Gi1a_5885002_x2	ggAucgauucccgcgccggagc	1
Gi2_10897531_x2	guucgauAcccgcgccggag	1
Gi3_28060866_x2	ugguucucaccUaacagauccg	1
Gi5_8743865_x2	Aauucccgcgccggagc	1
Gi5_8774441_x2	uugguucucacccaCcagauccg	1
Gi3_28220846_x2	uucucacccaacagauccggguuc	1
Gi3_28255850_x2	uccggcgGaguauaacggc	1
Gi2_10928561_x2	uccggcguaGuauaacggAua	1
Gi1_4108265_x2	gCuucgauucccgcgccggagc	1
Gi1_4096007_x2	Gcacccaacagauccggguucga	1
Gi3_28169138_x2	uAcgauucccgcgccggagc	1
Gi3_28057976_x2	auccUggguucgauucccgcgccgga	1
Gi3_28147408_x2	cagGuccggguucgauuccc	1
Gi2_10981491_x2	GggcguaGuauaacggcu	1
Gi5_8753995_x2	guucgauucccgCcgccgg	1
Gi5_8801793_x2	ggCucgauucccgcgccggagcguu	1
Gi1_4155083_x2	ucucacccaacCgauccg	1
Gi5_8769593_x2	ucGggcguaGuauaacggcuagaau	1
Gi1a_5918104_x2	uccggcguaAuauaacggcuaga	1
Gi3_27993194_x2	gguucgaGuucccgcgccggag	1
Gi1_4125845_x2	uccggcguaAuauaacggcu	1
Gi5_8780981_x2	gguucgauucccgcgGcgg	1
Gi1_4152215_x2	guucucacccaacagUuccg	1
Gi1_4117409_x2	uUguucucacccaacagaucc	1
Gi5_8754887_x2	uucgaCuucccgcgccgg	1
Gi3_28239600_x2	uucucacccaacagauccAg	1
Gi3_28081378_x2	ucucacccGacagauccg	1
Gi5_8745639_x2	gguucgauucccgcgGcggagc	1
Gi2_10962979_x2	ugguucucacccaacagauccUg	1
Gi5_8747675_x2	gguucgauucAcggcgccgg	1
Gi3_28106474_x2	gguucuUacccaacagauccg	1
Gi3_28060622_x2	UcggcguaGuauaacggc	1
Gi3_28096670_x2	cuUacccaacagauccggguucgauu	1
Gi5_8732521_x2	uccggguucgGuucccg	1

Gi5_8719709_x2	.....uucAcaccaacagauccg.....	1
Gi2_10965185_x2	.....ucgGuucccgcgccggagc.....	1
Gi5_8729477_x2	.....uucucaccaacaAaucggguuc.....	1
Gi1_4152497_x2	.....cucaccUaacagauccgg.....	1
Gi5_8748009_x2	.....ucaccaacagGuccggguu.....	1
Gi2_10908611_x2	.....uucucaccaacagauAg.....	1
Gi1_4137099_x2	.....ucucGcccaacagauccgg.....	1
Gi1_4101387_x2	.....gguucgauucccgcgccggaA.....	1
Gi1_4145699_x2	.....Gcggcguaguauaacggcua.....	1
Gi5_8744307_x2	.....uccggcguaCuauaacggcua.....	1
Gi5_8781511_x2	.....gguucucaccaacagaCc.....	1
Gi5_8814999_x2	.....uAcggcguaguauaacggcuag.....	1
Gi3_28041284_x2	.....cgauucccgcgccggaAc.....	1
Gi1_4094027_x2	.....gguucgauucccgcgccU.....	1
Gi3_28051810_x2	.....gguucgauucccgcgccUga.....	1
Gi3_28177132_x2	.....ccggcguaguauaacggcUgga.....	1
Gi1_4153889_x2	.....guucucacGcaacagauccg.....	1
Gi2_10844611_x2	.....uccggcguaguauCacggcuag.....	1
Gi2_10905607_x2	.....ugguGcucaccaacagauccg.....	1
Gi3_28201694_x2	.....guucucaccaacagauccGg.....	1
Gi1_4145687_x2	.....uccggcguagCauaacggc.....	1
Gi3_28194368_x2	.....gguucgauucccgcgccggagcgC.....	1
Gi1_4112899_x2	.....ggcguaguauaGcggcuag.....	1
Gi5_8754843_x2	.....agUuccggguucgauucc.....	1
Gi1a_5936950_x2	.....Cguucgauucccgcgccgga.....	1
Gi1_4123847_x2	.....Gaacagauccggguucgauucccggc.....	1
Gi5_8823089_x2	.....uUcggguucgauucccggc.....	1
Gi2_10973301_x2	.....guucgauucccgcgGcg.....	1
Gi3_28077204_x2	.....uccggcguaguaGaacggcuagaa.....	1
Gi3_28230940_x2	.....ucgauucccgCcgccggagc.....	1
Gi3_28012736_x2	.....ggNucgauucccgcgccg.....	1
Gi3_28154320_x2	.....caacagauccggguucgCuuccc.....	1
Gi5_8746429_x2	.....cucaccaacagauUcgg.....	1
Gi3_28168954_x2	.....agauccggguucgauCccc.....	1
Gi5_8772669_x2	.....uucgauucccgcgccggagcC.....	1
Gi1_4107525_x2	.....uCcgauucccgcgccgg.....	1
Gi5_8750557_x2	.....uuUucaccaacagauccggguu.....	1
Gi3_28197924_x2	.....ucucaccUaacagauccgg.....	1
Gi3_28190458_x2	.....guucgauucccgcgGgg.....	1
Gi3_28177260_x2	.....uucuGaccaacagauccgg.....	1
Gi2_10946935_x2	.....uccggcgCaguauaacggcuagaau.....	1
Gi5_8782065_x2	.....uucgauucccgcgccggagcCu.....	1
Gi2_10904021_x2	.....uccggcguaCuauaacggcuaga.....	1
Gi3_28236300_x2	.....Guccggguucgauucccgcgccggagc.....	1
Gi5_8738783_x2	.....uccggcguaguauaacggcuCgaau.....	1
Gi3_28013354_x2	.....uucgauuccAgcgccgga.....	1
Gi3_28112812_x2	.....ccggUguaguauaacggcuag.....	1

Gi5_8785603_x2	ucgauucccgAcgccggag	1
Gi3_28155424_x2	uccggcguagGauaacggc	1
Gi5_8721945_x2	uccggcguaguauaacggcAagaa	1
Gl1a_5951118_x2	gguucgauucccgAgccggagc	1
Gi5_8728743_x2	uucucacccaacaAaucgg	1
Gi5_8740795_x2	guucucacccaaAagaucgg	1
Gi2_10858659_x2	guucucacccaacagauAcg	1
Gi3_27989860_x2	cccaacagNuccggguucgauucc	1
Gi2_10859403_x2	uuUucacccaacagaucggg	1
Gi3_28036522_x2	ggGucucacccaacagaucc	1
Gi3_28016178_x2	ccaacagaucggguucgauucccgccgga	0
Gi1_4103711_x2	uccggcguaguauaacCgcua	1
Gi5_8786747_x2	uucucacccaacagaucggAuu	1
Gi1_4136617_x2	ccggcguaguauaacAgcuaa	1
Gi2_10850057_x2	ugguucucNcccaacagaucc	1
Gi1_4116277_x2	ucgauucccgcgccggaU	1
Gi2_10889625_x2	uccggcguagCauaacggcu	1
Gi3_28167666_x2	cagaucggguucgauuccU	1
Gi5_8746245_x2	guucucaAccaacagaucgg	1
Gi5_8740983_x2	uccggAguaguauaacggc	1
Gi1_4103413_x2	ccggcguaNuauaacggcuaga	1
Gi3_28104480_x2	uucgauucccAgcgccggagc	1
Gi3_28139806_x2	Gacagaucggguucgauucccgccgga	1
Gl1a_5905292_x2	gguucgauucccgcgccgcC	1
Gi1_4134587_x2	guucgauucccgcgccUga	1
Gl1a_5928082_x2	uccAgcguaguauaacggcuaga	1
Gi3_28194308_x2	uccggAguaguauaacggcuagaau	1
Gi5_8790799_x2	guucUauucccgcgccggag	1
Gi5_8795831_x2	gguucucacccaacGgaucggg	1
Gl1a_5921074_x2	gguucgauucccgcgccggagA	1
Gi5_8820787_x2	gguucgauucccgcgUcggag	1
Gi3_28175952_x2	ccggcguaguaCaacggcuaga	1
Gi1_4090145_x2	uccgAcguaguauaacggcuaga	1
Gi1_4118757_x2	Cucgauucccgcgccggagc	1
Gi1_4100873_x2	guucgauucccggcAccggagc	1
Gi1_4129415_x2	ugguucucacccaaUagaucggg	1
Gi2_10964051_x2	guucgauucccgcgccggUg	1
Gi5_8752755_x2	Gcggcguaguauaacggcuag	1
Gl1a_5891236_x2	uccggcguaguauaacggcuag	1
Gi5_8772665_x2	agaucggguucgCuucc	1
Gi5_8774521_x2	gguucucaccGaacagaucgg	1
Gi3_28148246_x2	uucucacccaUcagaucgg	1
Gi2_10905079_x2	uucucacccaacagauGcg	1
Gi3_28023314_x2	Nccggcguaguauaacggcuag	1
Gi3_28070692_x2	cgggcguaguauaacggcua	0
Gi3_28150738_x2	guuAgauucccgcgccggag	1
Gi2_10895625_x2	guucuUacccaacagaucgg	1

Gi1a_5930474_x2	gguucgauucccgcgAc	1
Gi1_4118461_x2	ggAucgauucccgcgccgga	1
Gi1_4114789_x2	gguUgauucccgcgccggagc	1
Gi5_8774249_x2	ugguucucGcccaacagauccgggu	1
Gi5_8738645_x2	uucucacccaacagGuccgg	1
Gi1a_5894212_x2	uccggcguagCauaacggcuag	1
Gi5_8811637_x2	uccggcguaguauaacggAuag	1
Gi5_8723867_x2	gguucgauucccgCcgccggagc	1
Gi1_4153353_x2	ggGucgauucccgcgccgga	1
Gi1_4139763_x2	uccggcguaguauaaAggcuag	1
Gi2_10908019_x2	gguucgauuccAgggccgg	1
Gi2_10957595_x2	uccggcAuaguauaacggcuagaau	1
Gi5_8724119_x2	Nguucgauucccgcgccggagc	1
Gi2_10961799_x2	uAcggcguaguauaacggc	1
Gi3_28170812_x2	uucucacGcaacagauccgg	1
Gi5_8784921_x2	guucgauucccgcgccggagcgC	1
Gi5_8826979_x2	cggcguGguauaacggcuag	1
Gi5_8762007_x2	uccggcguaguauaacggcuagaau	1
Gi2_10834057_x2	ugguCcucacccaacagaucc	1
Gi3_28239946_x2	ucgauucccgcgccggcC	1
Gi3_28088832_x2	gcguaguauaacggcuGga	1
Gi5_8775169_x2	uccggcguaguauUacgg	1
Gi5_8819389_x2	uugguucucacccaacagauUg	1
Gi5_8775529_x2	cucacccUacagauccgg	1
Gi2_10845877_x2	uccggcguaguauaaUggcuag	1
Gi3_28112010_x2	ucCcacccaacagauccgg	1
Gi1_4112635_x2	uucucacccaacagauccCg	1
Gi1a_5929114_x2	gguucgauuccAgcgccggag	1
Gi3_28067610_x2	cggcguaguauaacggcuagaau	0
Gi2_10901187_x2	guucucacccGacagauccg	1
Gi3_28146482_x2	guucgauucccUgcgccg	1
Gi3_28016184_x2	Nguucgauucccgcgccgga	1
Gi1_4132637_x2	guucucacccaaUagauccg	1
Gi3_28128796_x2	cucacccaacagaCccgg	1
Gi3_28078074_x2	guucgauGccggcgccgg	1
Gi3_28239860_x2	gaucggguucgaCuccc	1
Gi1_4118543_x2	guucgauucccgcgccC	1
Gi2_10831947_x2	Gucgauucccgcgccgga	1
Gi5_8787103_x2	ucNggcguaguauaacgg	1
Gi2_10847569_x2	guucucaccAaacagauccg	1
Gi2_10850305_x2	guucgaGucccgcgccg	1
Gi3_28096882_x2	guucgauucccgcgccUgag	1
Gi3_28052776_x2	cucacccaaUagauccgg	1
Gi1_4117525_x2	ucuUacccaacagauccgg	1
Gi1a_5913426_x2	Gucgauucccgcgccggagc	1
Gi2_10949321_x2	uucucacccaacagauccAg	1
Gi2_10947541_x2	Uccaacagauccggguuc	1

Gi3_28241838_x2.....	gUcguaguauaacggcuagaau.....	1
Gi5_8812831_x2.....	guucgauucccgAcgccggagc.....	1
Gi3_28259230_x2.....	guucucacUcaacagauccg.....	1
Gi5_8730133_x2.....	uCguucucaccaacagauccg.....	1
Gi5_8819591_x2.....	gguucgauucccgAcgccggag.....	1
G1a_5877838_x2.....	uCcucaccaacagauccg.....	1
Gi5_8741079_x2.....	ggcguaguauaacggcuGga.....	1
G1a_5955404_x2.....	uucgGuucccgcgccggagc.....	1
Gi3_27985358_x2.....	ucucacccNacagauccg.....	1
Gi5_8722591_x2.....	ucgauucccgcgccggCgc.....	1
Gi3_28075606_x2.....	ugguucucaccAaacagauccg.....	1
Gi3_28169190_x2.....	uuUgauucccgcgccggga.....	1
Gi5_8795627_x2.....	caacagauccggguucgauucccgcgccggagc.....	0
Gi2_10980421_x2.....	guucgCuucccgcgccggga.....	1
Gi1_4144975_x2.....	uccggcguaguauaacggcCagaa.....	1
Gi3_28150512_x2.....	uccggcguauaacggc.....	1
Gi3_28160030_x2.....	Gcagauccggguucgauucc.....	1
Gi3_28117744_x2.....	ugguucucaUccaacagauccg.....	1
Gi2_10918517_x2.....	uucucaccaGcagauccg.....	1
G1a_5938360_x2.....	gguNcgauucccgcgccg.....	1
Gi5_8720941_x2.....	uccggcguaguauaacggcuU.....	1
Gi3_28243794_x2.....	uccggcguaguauaacCgcuag.....	1
Gi1_4091015_x2.....	uccggcguauaacgg.....	1
Gi5_8735137_x2.....	guucgauucccgAcAccggagc.....	1
G1a_5964870_x2.....	uccggcguaguauaacggcuagaugguug.....	0
Gi1_4151033_x2.....	uccggcguaguauaacgUcuaga.....	1
Gi3_28118820_x2.....	uccggcguaguauUacggcuag.....	1
Gi2_10967907_x2.....	ugguucuAacccaacagauccg.....	1
Gi2_10898493_x2.....	guucucaccUaacagauccg.....	1
Gi3_27992666_x2.....	guucgauucccgcgccggagcAu.....	1
Gi5_8766853_x2.....	guucucacccUacagauccg.....	1
Gi3_28002086_x2.....	guucgauucccgGgccggag.....	1
Gi3_28062226_x2.....	guucgauucccgcgGccggag.....	1
Gi3_28152912_x2.....	gguucgauucccCgcgccggag.....	1
Gi1_4107505_x2.....	guucAcacccaacagauccg.....	1
Gi3_27995030_x2.....	gauucccgcgccgUagc.....	1
Gi5_8718507_x2.....	guucgauucccgcgccggagA.....	1
Gi3_28200768_x2.....	gguucucaccaacagGucc.....	1
Gi3_28201030_x2.....	cggUguaguauaacggcu.....	1
Gi5_8807415_x2.....	ugguucucaccAaacagauccg.....	1
Gi1_4115211_x2.....	cUgcguaguauaacggcu.....	1
Gi5_8810763_x2.....	gguuGgauucccgcgccgg.....	1
Gi2_10984877_x2.....	cccaacGgauccggguuc.....	1
Gi3_28123278_x2.....	uccggcguaguauaacggcuagaGu.....	1
G1a_5918610_x2.....	uccgAcguaguauaacggcuag.....	1
Gi1_4118767_x2.....	ucAggcguaguauaacggcuaga.....	1
Gi5_8739661_x2.....	uccggcguaguauaacggcu.....	1

Gi3_28061330_x2	ucucacccaacagauccC	1
Gi2_10924427_x2	guucgCuucccgcgccg	1
Gi1_4131255_x2	uucgauucccgcgccgCgc	1
Gi1_4143351_x2	uccggcguaAuauaacggcuag	1
Gi3_28552813_x1	guuNgauucccgcgccggag	1
Gi3_28729090_x1	uuGucacccaacagauccg	1
Gi5_9015306_x1	guucgauGcccgcgccgg	1
Gi5_8970024_x1	acagauccggguucgauucccgAgc	1
Gi3_28914915_x1	cggguucgauucccggcAccgga	1
Gi3_28965147_x1	Agguucucacccaacagaucc	1
Gi3_28883816_x1	gguucgauucccgNgccggagc	1
Gi3_28448279_x1	guucCauucccgcgccggag	1
Gi1a_6356277_x1	uccggcguaaguauaacggcuagaUugguugg	1
Gi4_590903_x1	gguucgaCuucccgcgccgg	1
Gi3_28922194_x1	guucucUcccaacagauccg	1
Gi2_11176502_x1	uccUgcguaguauaacggcuaga	1
Gi3_28607644_x1	cucacccaacUgauccgg	1
Gi3_28608323_x1	gGuccggguucgauucccgcgccgga	1
Gi3_28425771_x1	uccggcguaaguauaUcggcu	1
Gi5_9071651_x1	uucucaccAaacagauccggguuc	1
Gi2_11042293_x1	uccggcguaaguauaaGggcua	1
Gi4_596980_x1	cggcguaaguauaacggcuaga	0
Gi5_9126598_x1	ccaGcagauccggguucgau	1
Gi5_9136247_x1	uccggcguaaguauaacAgcuagaauugguu	1
Gi3_28676654_x1	cGcaacagauccggguucgauucc	1
Gi3_28370586_x1	uucucacccaacagauAcggguuc	1
Gi5_8997230_x1	gguucGacccaacagauccg	1
Gi5_8979070_x1	uugguucucCcccaacagauccg	1
Gi5_9047390_x1	uccggcguaaguauaaUgg	1
Gi1_4274502_x1	caacUgauccggguucgauucccgC	1
Gi1_4241720_x1	gguucgauucUcggcgccggagc	1
Gi5_8842286_x1	gguucgauuccAggcgcccggagcguu	1
Gi2_11237360_x1	gguucgauuGccggcgccggag	1
Gi1a_6126895_x1	guucgauuNccggcgccgg	1
Gi1_4387861_x1	ugguucucacccaacaAauccgg	1
Gi2_11390964_x1	aacagauccggguucgGuucccgcgccg	1
Gi2_11289243_x1	gguucgauucccgCcgcc	1
Gi2_11030898_x1	ugguucucacccaacagauUcg	1
Gi3_28424382_x1	uugguucucacccaacaga	0
Gi5_9082007_x1	uccggcguaGgauaacggcuagaau	1
Gi1_4193194_x1	gguucucacccaacagaucc	0
Gi5_9111430_x1	cggcguaaguauCacggcuaga	1
Gi1_4290788_x1	uccggcgGaguauaacggcuagaauugg	1
Gi1_4331175_x1	gguucgauucccgcgccUga	1
Gi1_4323829_x1	gguucgauGcccggcgccgga	1
Gi1_4190688_x1	gCuucucacccaacagauccg	1
Gi2_11116921_x1	uccggcguaaguauaacUcguag	1

Gi5_8977628_x1	.....ugguCcucacccaacagauccgg.....	1
Gi5_9019155_x1	.....uucgauucccgcgccgA.....	1
Gi3_28288256_x1	.....guucucaccccGacagauccgggu.....	1
Gi1_4217601_x1	.....gguucucacccaacCgauccgg.....	1
Gi5_9120589_x1	.....uccggcguaguauaaGggc.....	1
Gi2_11004858_x1	.....uccggcAuaguauaacggcuagaa.....	1
Gi5_9075210_x1	.....ucacccaacagauccggguC.....	1
Gi2_11295088_x1	.....gguNcgauucccgcgccgga.....	1
Gi5_8865560_x1	.....uccggcguaguauCacggcu.....	1
Gi1_4374162_x1	.....accaacagauccggguucgauucUcg.....	1
Gi3_28266730_x1	.....guucucacccaGcagauccgggu.....	1
Gi2_11393863_x1	.....uccggAguaguauaacggcuag.....	1
Gi2_11331612_x1	.....uucAauucccgcgccgg.....	1
Gi3_28744785_x1	.....ucucacccaacagCuccgg.....	1
Gi3_28467124_x1	.....ugguucucacccaacagauccAg.....	1
Gi5_8946059_x1	.....uccUgcguaguauaacggcuagaa.....	1
Gi3_28492538_x1	.....uucucacccaacaCauccgg.....	1
Gi2_11020624_x1	.....gguucgauuccAggcgccgga.....	1
Gi3_28313780_x1	.....cccaacagauccggguucgauucUc.....	1
Gi2_11322039_x1	.....guuAucacccaacagauccg.....	1
Gi5_8934544_x1	.....guucgauCcccgcgccggag.....	1
Gi4_572129_x1	.....gguuAgauucccgcgccggagc.....	1
Gi1_4382342_x1	.....agauccggguucgauCccc.....	1
Gi5_9122569_x1	.....ccggUguaguauaacggcuag.....	1
Gi4_604592_x1	.....gguucgauuUccggcgccgg.....	1
Gi5_8856754_x1	.....Nccggcguaguauaacggcua.....	1
Gi3_28908752_x1	.....cucacccaCcagauccgg.....	1
Gi1_6166156_x1	.....uccggcguaguaGaacggcuag.....	1
Gi1_4311669_x1	.....gguucgauuccAggcgccg.....	1
Gi1_4327164_x1	.....auccggguucgauucccgcgccggU.....	1
Gi3_28694185_x1	.....uccggcguaguauaNcgguaga.....	1
Gi1_4260712_x1	.....ucucacccaacagGuccg.....	1
Gi5_9132180_x1	.....uccggcguaguauaaUggcuagaa.....	1
Gi5_9095721_x1	.....gguucucacccaacagGuc.....	1
Gi3_28422376_x1	.....uccggguucgauucccAgcgccgga.....	1
Gi5_8941812_x1	.....gguucgauucccgcgccggagcguuC.....	1
Gi3_28548837_x1	.....cgggCucgauucccgcgccgga.....	1
Gi2_11043616_x1	.....guucgUuucccgcgccgga.....	1
Gi1_4271575_x1	.....gAuucgauucccgcgccggag.....	1
Gi4_576983_x1	.....guucAauucccgcgccgg.....	1
Gi2_11189622_x1	.....uucgauucccgcgUcgg.....	1
Gi5_9016215_x1	.....uccggcgGaguauaacggcuagaa.....	1
Gi5_8872509_x1	.....ggguucgCuucccgcgccggagc.....	1
Gi4_600706_x1	.....uccggcguNguauaacggcuag.....	1
Gi5_9019263_x1	.....gguucgauucUcggcgccgga.....	1
Gi1_4354265_x1	.....guuucccgccuuccuucgucuu.....	0
Gi3_28658183_x1	.....cggguucgauucccgcgccggG.....	1

Gi4_575011_x1	.....auucccgcgccggagcC.....	1
Gi1_4230138_x1	.....uccggGguaguauaacgg.....	1
Gi3_28580965_x1	.....uugguucucacccaUcagauc.....	1
Gi3_28883800_x1	.....uucucacGcaacagaucggguuc.....	1
Gi1_4315732_x1	.....uUcggcguaguauaacggcu.....	1
Gi2_11036911_x1	.....uccggcguaguauaaAggcua.....	1
Gi3_28409719_x1	.....uccggcCuaguauaacggcuag.....	1
Gi1_4251497_x1	.....guucucacccaacagaGccg.....	1
Gi1_4319907_x1	.....guuNgauucccgcgccgga.....	1
Gi5_9049413_x1	.....ugguuAucacccaacagaucgggu.....	1
Gi1_4162336_x1	.....uccggguucgauucccgcgccgg.....	0
Gi5_8993100_x1	.....guucucacccaacagauGcg.....	1
Gi1_4227510_x1	.....guucucacccaGagaucgg.....	1
Gi2_11263507_x1	.....gguucUauucccgcgccg.....	1
Gi3_28426008_x1	.....ucgauuAccggcgccggagc.....	1
Gi4_573755_x1	.....uucgauucccgcgccgg.....	0
Gi5_9104674_x1	.....guucgauucccgCcgccgga.....	1
Gi2_11231128_x1	.....agauccggguucgauucccgcgccggag.....	0
Gi2_11120609_x1	.....ucgauuccAggcgccggag.....	1
Gi1a_6139298_x1	.....uucucaccAaacagaucgg.....	1
Gi5_8867507_x1	.....acagaucGggguucgauucccgcgcc.....	1
Gi1_4373113_x1	.....cccaacUgaucggguuc.....	1
Gi2_11000074_x1	.....ucgaGucccgcgccggag.....	1
Gi5_8851114_x1	.....ugguucucacccaacagaucggAu.....	1
Gi2_11088895_x1	.....Nuucgauucccgcgccggagc.....	1
Gi2_11292939_x1	.....guucgauuUccggcgccggag.....	1
Gi2_11293023_x1	.....uucAcacccaacagaucggguucg.....	1
Gi2_11197426_x1	.....uccggcguaguauaCcgguag.....	1
Gi2_11314643_x1	.....uucgauucccgcgccggUg.....	1
Gi5_8876136_x1	.....uccgUcguaguauaacggcu.....	1
Gi1_4323888_x1	.....gGucgauucccgcgccggag.....	1
Gi3_28546806_x1	.....cgauucccgAcgccggagc.....	1
Gi3_28846220_x1	.....ggguucgaNucccgcgccggagc.....	1
Gi5_9012621_x1	.....uucucacccaacagaucggguC.....	1
Gi1_4352878_x1	.....gguucucacccaacagaucAg.....	1
Gi1_4201504_x1	.....ggNucucacccaacagaucgg.....	1
Gi2_11031774_x1	.....cAauucccgcgccggagcguuuc.....	1
Gi5_9084857_x1	.....uGcggguucgauucccggc.....	1
Gi2_11222338_x1	.....guNcgauucccgcgccggagc.....	1
Gi1a_6161345_x1	.....uccggcguaguauaacAgcu.....	1
Gi1_4199746_x1	.....ucucacccaacagauUcg.....	1
Gi3_28429230_x1	.....uucucUcccaacagaucgg.....	1
Gi3_28771419_x1	.....ggcguaguauaacggcuagCau.....	1
Gi4_569538_x1	.....guucUauucccgcgccgga.....	1
Gi1_4325991_x1	.....uccggcguaguauaacggcuagaUu.....	1
Gi3_28984872_x1	.....ucucUcccaacagaucgg.....	1
Gi3_28979015_x1	.....Gucgauucccgcgccggag.....	1

Gi2_11236544_x1.....	uccggcguaguauaacgUcuagaau.....	1
Gi1_4333676_x1.....	ugguucucaccaacUgauccg.....	1
Gi2_1128815_x1.....	gguaAcgauucccgccgccc.....	1
Gi2_11116811_x1.....	cUgcguaguauaacggcuaga.....	1
Gi2_11018820_x1.....	uAcgauucccgccgcccggagc.....	1
Gi5_8928999_x1.....	ugguucucacAcaacagauccgggu.....	1
Gi5_9071109_x1.....	uccggcguaguauaacggcuagaauaggGu.....	1
Gi5_9119908_x1.....	uucgauucccgccgcAgg.....	1
Gi3_28330811_x1.....	gguucucUcccaacagauccg.....	1
Gi3_28266424_x1.....	Gugguucucaccaacaga.....	1
Gi5_9125235_x1.....	guuucccgccCuccuucgucu.....	1
Gi1_4354254_x1.....	guucgCuucccgccgccc.....	1
Gi1_4312696_x1.....	uucccgccgcccggagcA.....	1
Gi1_4362114_x1.....	ucucaccUacagauccgg.....	1
Gi1_4373711_x1.....	uccggcguacuauaacgg.....	1
Gi1_4242184_x1.....	Acggcguaguauaacggcuag.....	1
Gi1_4322936_x1.....	uugguucucaccaacagauccg.....	0
Gi1_4285101_x1.....	uccUgcguaguauaacggcuag.....	1
Gi2_11164530_x1.....	guucgauucccUgcgcccga.....	1
Gi5_8855431_x1.....	uccggcguauauaacggc.....	1
Gi5_8851787_x1.....	uccggcguCguauaacggcu.....	1
Gi3_28672800_x1.....	uccggcguaguaGaacggcuag.....	1
Gi1a_6197386_x1.....	uccgUcguaguauaacggcuagaa.....	1
Gi5_8980189_x1.....	uccggcguaguCuaaacggcuagaa.....	1
Gi4_598994_x1.....	gguucgauucccgUgcccg.....	1
Gi3_28670617_x1.....	cccaacagauccggguuc.....	0
Gi2_11127044_x1.....	ucgauucccgccgcccggagcA.....	1
Gi1a_6310241_x1.....	Cuucgauucccgccgccc.....	1
Gi3_28622818_x1.....	cgccguaguauaacgAcuagaau.....	1
Gi5_8947925_x1.....	guucgauucccgccgcccAag.....	1
Gi3_28554081_x1.....	ggguucgGuucccgccgccc.....	1
Gi3_28391790_x1.....	Uguucgauucccgccgcccggagcguu.....	1
Gi2_11016792_x1.....	cagauccggguucgauucc.....	0
Gi5_9106455_x1.....	auccggguucgauucccgccgcccggagc.....	0
Gi1_4343697_x1.....	cucaccaacagauccggU.....	1
Gi5_9001673_x1.....	ccggcguauauaacggcu.....	1
Gi5_8960439_x1.....	Gguccggcguaguauaacggcuagaauagg.....	1
Gi5_8943502_x1.....	guucucaccaacaUaucg.....	1
Gi2_11373101_x1.....	guucucaAccaacagauccg.....	1
Gi2_11111681_x1.....	guucgauuccGggccgcccggagc.....	1
Gi2_11294997_x1.....	gguucucaccaacagauccgggu.....	0
Gi5_9067346_x1.....	guucgauucccgccgcccGcga.....	1
Gi5_8890299_x1.....	ugguucucaccaacagauccAg.....	1
Gi3_28723782_x1.....	Agguucgauucccgccgcccggga.....	1
Gi3_28813720_x1.....	uggAucucaccaacagauccg.....	1
Gi5_8907661_x1.....	Aguucgauucccgccgcccggagcguu.....	1
Gi1_4218610_x1.....	uucgauuccAggcccgg.....	1

Gi1_4205070_x1	uccggcguaguauaGcggc	1
Gi2_11134309_x1	cgggGucgauuccggcgccgga	1
Gi3_28617586_x1	uccggguucgauuccggcgccggC	1
Gi1_4366445_x1	ucucacccaaUagauccgg	1
Gi3_28420742_x1	cucacccaacagauccgC	1
Gi3_28746704_x1	aCauccggguucgauuccggcgccgg	1
Gi1_4306787_x1	cucacccaGcagauccggguucga	1
Gi4_595506_x1	gguuUgauuccggcgccgg	1
Gi3_28728177_x1	agaucgggCucgauucc	1
Gi3_28339293_x1	ucacccUacagauccggguuc	1
Gi3_28766235_x1	caacagauccggguucgC	1
Gi3_28323073_x1	cccaacagauccgggCucgauucc	1
Gi5_9138450_x1	ucucacccaacagGuccg	1
Gi1_4343275_x1	ucucacccaacaAauccgg	1
Gi1_4326623_x1	guucgauAccggcgccg	1
Gi3_28677760_x1	ggcguaguNuaacggcua	1
Gi2_11219074_x1	cccaacagGuccggguuc	1
Gi5_8877020_x1	uucgauuccggcgccggagcgA	1
Gi3_28593556_x1	auccAgguucgauuccggcgccgga	1
Gi3_28759482_x1	uccggcguaguauaacggUu	1
Gi1_4161951_x1	uccggcguaguauaaGgg	1
Gl1_5996456_x1	ggguucgauuccggcgccggagcC	1
Gi3_28843634_x1	cggcguaguauaacggcuaAa	1
Gi2_11366978_x1	ucgauAccggcgccggagc	1
Gi3_28578239_x1	cacccaacagauAgggguuc	1
Gi3_28912144_x1	auccggguuAgauuccggcgccgga	1
Gi5_9011318_x1	gguucgauuccggcgccgUagc	1
Gi2_10995462_x1	uccggcgGaguauaacggcuag	1
Gi3_28706486_x1	ucucacccaacagauUgg	1
Gi1_4215423_x1	ucacccaacagauccgCgu	1
Gi5_9071310_x1	uAguucucacccaacagauccgg	1
Gi5_8907153_x1	gguucucaGccaacagauccg	1
Gi5_9018245_x1	gguucgauuccggcgccAgagcguu	1
Gi2_11190614_x1	uucucacccaacaAauccg	1
Gi5_9063088_x1	guucgauuccggcCccgga	1
Gi5_8887622_x1	uccggcguaguauaacgA	1
Gi5_8957435_x1	guucgauuccGggcgccg	1
Gi3_28714050_x1	cagauccggguucgaCuccggcgccgg	1
Gi2_11379186_x1	cgauuccggcgccggagcguuuA	1
Gl1_6208819_x1	uccggcguCguauaacggcuag	1
Gi3_28909169_x1	ggcguagCauaacggcuaga	1
Gi2_11041640_x1	guaguGuaacggcuagaau	1
Gi3_28309427_x1	guuAucacccaacagauccgg	1
Gi3_28589833_x1	ugguucucacccaacagaucc	0
Gi3_28351186_x1	guucucacccaacagaucc	0
Gi2_11278047_x1	ccGguucgauuccggcgccggagc	1
Gi4_593486_x1	Cguucgauuccggcgccgg	1

Gi5_8857640_x1	.....gguucgUuucccgcgccggag	1
Gi2_11321386_x1	...uccggcguaguaAaacggcua	1
Gi5_9011451_x1	...uccggcgAaguauaacggcuagaau	1
Gi2_11005068_x1	.....gguuAucacccaacagauccg	1
Gi5_9082787_x1	.....uucucacccUacagauccggguu	1
Gi2_11373735_x1	.....Acgauuccggcgccggag	1
Gi2_11285736_x1	.....cgauucccgcgccggGcgguu	1
Gi5_8975325_x1	.....uugguucucacUcaacagauccg	1
Gi1_4188205_x1	.....ccggcguGguauaacggc	1
Gi5_9061607_x1	.....ggAucucacccaacagauccg	1
Gi1_4334308_x1	.....ccggcguCguauaacggc	1
Gi5_8857946_x1	.....uugguucuaUccaacagauccg	1
Gi5_8982493_x1	.....gguucgauucccgcgGcg	1
Gi3_28307645_x1	.....ggcguaguaaacggcuaUa	1
Gi2_11302589_x1	.....cggguucgauucAcggcgccgga	1
Gi3_28618792_x1	.....gguucgauucAcggcgcc	1
Gi1a_6149094_x1	...uccgAcguaguaaacggc	1
Gi1_4301285_x1	.....gguucgauUccggcgccggagc	1
Gi1_4319024_x1	.....gguucucacccaaAagauccg	1
Gi1_4283066_x1	.....gAuucgauucccgcgcc	1
Gi2_11241331_x1	.....auuccggcgccggagcC	1
Gi1_4271800_x1	.....cucacccaacUgauccg	1
Gi2_11053440_x1	.....ucgauucccgcgUggagc	1
Gi3_28737614_x1	.....ucAauucccgcgccgga	1
Gi3_28395434_x1	...cggcgCaguauaacggcuagaau	1
Gi2_11180345_x1	.....Ugguucgauucccgcgccggagc	1
Gi1_4367709_x1	.....cGgauccggguucgauucccgcgcc	1
Gi5_9107136_x1	.....ucAgguucgauucccgcgccg	1
Gi5_8942143_x1	.....uucAcacccaacagauccg	1
Gi5_8857528_x1	.....gguucgGuucccgcgccggagcguu	1
Gi5_9103469_x1	.....aCauccggguucgauucc	1
Gi5_8895251_x1	.....gguucucaccUaacagauccg	1
Gi5_9091215_x1	...uggAucucacccaacagauccg	1
Gi3_28633437_x1	...cggcguaguaaacggUuaga	1
Gi3_28743439_x1	.....acagauccggguucgauucccgcgccgAa	1
Gi2_11346721_x1	.....guucucacccaacagauUgg	1
Gi1a_6154963_x1	.....uuUgauucccgcgccggagc	1
Gi1a_6021875_x1	.....guucucacccaacagauAg	1
Gi3_28985193_x1	.....ggguucgauucccgcgccggaCc	1
Gi4_604099_x1	...ugguucucacccaacagauccgggu	0
Gi2_11051947_x1	.....cccaacaUauccggguuc	1
Gi1a_6280602_x1	.....gguucgGuucccgcgccggag	1
Gi5_9020509_x1	.....gguucucacccaacagauccC	1
Gi1_4358284_x1	.....gguuAgauucccgcgccg	1
Gi1a_6153473_x1	.....gguucgauucAcggcgccgga	1
Gi1_4196051_x1	.....guucucacccaacagauccgC	1
Gi1_4202460_x1	.....uccAgguucgauucccgcgccgga	1

Gi1_4175368_x1	.....gguucgauucccggcAccggag	1
Gi3_28921023_x1	.....uucAauucccggcgccgga	1
Gi1_4283334_x1	.....Agguucucaccaacagauccg	1
Gi3_28501653_x1	.....cUacagauccggguucga	1
Gi2_11110564_x1	.....ugguucucaccaacagaCcc	1
Gi5_8974533_x1	.....ccaacagCuccggguuc	1
Gi1_4352544_x1	.....ccaacagauccggguuc	0
Gi3_28283721_x1	.....uugguucucaccaCcagauc	1
Gi5_8983010_x1	.....aguccggcguaguauaacgAcuagaau	1
Gi3_28689156_x1	.....ucgauucccgAcgccggag	1
Gi5_9067315_x1	.....ccaacagauccgAguuc	1
Gi5_9114512_x1	.....gguucgauucccggcgccggagcgCuu	1
Gi2_11363201_x1	.....cUgcguaguauaacggcuagaau	1
Gi3_28335121_x1	.....uccggcguagGauaacggcuagaa	1
Gi2_10997984_x1	.....uucucGcccaacagauccg	1
Gi3_28625718_x1	.....ggguucgaCucccggcgccggag	1
Gi1_4360748_x1	.....uccggcguaguaAaacgg	1
Gi1_4224993_x1	.....cucaccaacagauccggguucg	0
Gi5_9054686_x1	.....guucucaccaacagaucc	0
Gi3_28552848_x1	.....guucgauucccggcUccg	1
Gi3_28501236_x1	.....uNcggcguaguauaacggcuaga	1
Gi2_11298164_x1	.....uGgauucccggcgccgga	1
Gi5_8903697_x1	.....gguucgauucccggcUccggagc	1
Gi2_11062455_x1	.....guucgauucccggcgccggagcg	0
Gi1_4319217_x1	.....aguccggcguaguauaacgg	0
Gi2_11300518_x1	.....Gagauccggguucgauucccggcgccggag	1
Gi2_11397611_x1	.....ccUgcguaguauaacggcu	1
Gi5_9051131_x1	.....uAcucaccaacagauccggguuc	1
Gi3_28418808_x1	.....guucgauuccGggcgccg	1
Gi3_28426142_x1	.....uccggguucgCuucccggcgccgga	1
Gi1_4246433_x1	.....uccggcguaguauaCcggu	1
Gi3_28337109_x1	.....guucgauGcccggcgccg	1
Gi3_28504071_x1	.....guucucaccaacagUuccgg	1
Gi2_11279186_x1	.....guucucacccaaGagauccg	1
Gl1_6327152_x1	.....guaguauaacCcuagaau	1
Gi5_9038982_x1	.....ggcguaguGuaacggcuag	1
Gi5_9107204_x1	.....uccggcguaguauaacggG	1
Gi3_28962871_x1	.....uNcggcguaguauaacggc	1
Gi2_11233810_x1	.....ucAauucccggcgccggagc	1
Gi2_11210225_x1	.....uccggcguaguauaacggcGa	1
Gi5_8923647_x1	.....cgauucccggcgccggagcgguC	1
Gi2_11403150_x1	.....guucucaccaacagauccGgg	1
Gi3_28685562_x1	.....ucgUuucccggcgccggagc	1
Gi1_4365740_x1	.....uccggcguaguauaacggcuagaUu	1
Gi3_28713029_x1	.....ucucacccCacagauccgg	1
Gi1_4390025_x1	.....uccggcguaguauaacggcCga	1
Gl1_6140685_x1	.....uccggcguaguauaacggcCga	1

Gi3_28329919_x1	.....cUcccaacagauccggguuc	1
Gi3_28898428_x1	.....guucucacccaacagaGccg	1
Gi5_8907632_x1	.....ucaccaCcagauccggguu	1
Gi1_4249945_x1	.....Ucggcguaguauaacggcu	1
Gi1_4308228_x1	.....Agguucgauucccgcgccg	1
Gi2_11237992_x1	.....uucgauuccUggcgccggagc	1
Gi1a_6083325_x1	.....gguucgauucccgAgccgg	1
Gi5_9096651_x1	.....accaacagauccggguucgaCuccc	1
Gi1_4237244_x1	.....uucgauucccgcgccAg	1
Gi2_11005910_x1	.....caUaucggguucgauucccgcgccgga	1
Gi5_9056287_x1	.....Cugguucucacccaacagauccg	1
Gi3_28886212_x1	.....gcuaguauaacggcuagG	1
Gi5_8956571_x1	.....ggguucgauuccUggcgccggagc	1
Gi3_28493974_x1	.....cacccaacagGuccggguuc	1
Gi3_28784225_x1	.....uucgUuucccgcgccgg	1
Gi3_28943001_x1	.....aucggguucgauucccgcgAccgga	1
Gi5_9086408_x1	.....guucucacccaacaCauccgg	1
Gi2_11157678_x1	.....gguucgauucccgUcgccggag	1
Gi3_28298784_x1	.....uucucacccaacagauGcgg	1
Gi2_11236569_x1	.....ugguucucaAcacaagaucc	1
Gi5_9121068_x1	.....ucucacccaacagauUcg	1
Gi5_9116513_x1	.....ucucacccaacGgauccgggu	1
Gi3_28438278_x1	.....gauucccgcgccggagcU	1
Gi3_28343661_x1	.....uucgaCucccgcgccggag	1
Gi1a_6152621_x1	.....Cguucgauucccgcgccgg	1
Gi2_11111602_x1	.....ccggcguaguauaacggcu	0
Gi2_11323443_x1	.....Ucggcguaguauaacggcuaga	1
Gi5_8964280_x1	.....ggcguaguCuaacggcuag	1
Gi5_8884316_x1	.....cggguucgauucccgUgc	1
Gi1_4215364_x1	.....ugguucucacccaacCgauccg	1
Gi2_11335105_x1	.....uccgCcgaguauaacggcu	1
Gi2_11308415_x1	.....uccggcguaCuauaacggcu	1
Gi2_11317602_x1	.....guucucacccaacagauGg	1
Gi1_4300720_x1	.....uAcggcguaguauaacggcuaga	1
Gi1a_6043894_x1	.....uUcggcguaguauaacggc	1
Gi3_28682260_x1	.....gguucgauuccGcgcgccg	1
Gi1_4296745_x1	.....gguucgauucccgcgccggaC	1
Gi1_4199628_x1	.....guucgauucccgcgccCgagc	1
Gi1a_6082016_x1	.....uccggcguaguauaacggcCagaa	1
Gi3_28418507_x1	.....uucgauuGccggcgccggagc	1
Gi1_4265161_x1	.....ucucacAcaacagauccgg	1
Gi4_595786_x1	.....guucgCuucccgcgccg	1
Gi3_28803447_x1	.....cgggcuGguauaacggcu	1
Gi3_28268109_x1	.....uccggcguaguaAaacggcu	1
Gi4_591325_x1	.....guucgauuccUcgcgccgg	1
Gi2_11024176_x1	.....ggguucgauucccgUgcc	1
Gi2_11311669_x1	.....gauucccgcgccggagc	1

Gi2_11121073_x1.....gguucgauucccgAcgcc..... 1
 Gi3_28882545_x1.....ggcguaguauUacggcuag..... 1
 Gi3_28773590_x1.....ggcguCguauaacggcuagaau..... 1
 Gi3_28545311_x1.....aacagauccggguucgauucccggcgUcgga..... 1
 Gi5_8946036_x1.....ccggcguaguauaaAggcua..... 1
 Gi1_4312727_x1.....gguucucaccUaacagauccgg..... 1
 Gi5_8840045_x1.....ucgauucccggcgcgAa..... 1
 Gi2_11240885_x1.....cGggcguaguauaacggcuagaau..... 1
 Gi2_11352120_x1.....ccggcguaguauaGcggcua..... 1
 Gi2_11275861_x1.....aguccggUguaguauaacgg..... 1
 Gi4_584974_x1.....Cuucgauucccggcgcg..... 1
 Gi2_11093458_x1.....guucGcaccacagauccgg..... 1
 Gi5_9000461_x1.....ggUguaguauaacggcuaga..... 1
 Gi1_4225088_x1.....gguucgauucccgAgccg..... 1
 Gi3_28544544_x1.....ugguucucacccUacagauccg..... 1
 Gi5_9062821_x1.....ggcguaguauaacggcCag..... 1
 Gi2_11106519_x1.....ucacccaacagauccggguuc..... 0
 Gi5_8946116_x1.....uucucacccaacagaCccg..... 1
 Gi4_606396_x1.....guucgaGucccggcgcg..... 1
 Gi3_28881524_x1.....Gcggcguaguauaacggcuag..... 1
 Gi3_28418844_x1.....uucucacccaacagauccgAguuc..... 1
 Gi5_9124826_x1.....gguucGcaccacagauccg..... 1
 Gi3_28446037_x1.....cccaacagUuccggguucgauucc..... 1
 Gi4_597138_x1.....guucgauucccgUgcccga..... 1
 Gi3_28263261_x1.....uccggcguaguauaacgCcuagaa..... 1
 Gi5_9088187_x1.....ccggguucgauucccggcgcgU..... 1
 Gi2_11346832_x1.....agauccggguucGcuucc..... 1
 Gi2_11021814_x1.....uccggcguaguauaacggcuaCaa..... 1
 Gi5_8960465_x1.....guucucacccaacagauccg..... 1
 Gi5_8906067_x1.....ugguucucacccaacagauUcg..... 1
 Gi1_4307382_x1.....aguccggUguaguauaacggcua..... 1
 Gi5_8908734_x1.....guuGucacccaacagauccgg..... 1
 Gi2_11261799_x1.....gguucgauuAccggcgccggag..... 1
 Gl1a_6213932_x1.....uccggcguaguauaCcgg..... 1
 Gi5_8988260_x1.....ucacccaANagauccggguu..... 1
 Gi3_28439388_x1.....gNuucgauucccggcgcgagc..... 1
 Gi3_28683519_x1.....ucucacccNacagauccg..... 1
 Gi4_582552_x1.....gguCcgauucccggcgcg..... 1
 Gl1a_6080800_x1.....uccggcguaguGuaacggcua..... 1
 Gl1a_6017759_x1.....Gccggcguaguauaacggcuagaau..... 1
 Gi5_8965890_x1.....Agauucccggcgcgagcguuuc..... 1
 Gi3_28759523_x1.....gAguucgauucccggcgcgagc..... 1
 Gi3_28346019_x1.....gguucuUacccaacagauccgggu..... 1
 Gi3_28787669_x1.....uccCgcguaguauaacggcua..... 1
 Gi1_4180668_x1.....Uguccggcguaguauaacggcuag..... 1
 Gi5_8925195_x1.....ucucacccaacagauccgC..... 1
 Gi2_11200439_x1.....Gggcguaguauaacggcuagaau..... 1

Gi1_4374990_x1	guucucacccaacagauccgggu	0
Gi3_28325103_x1	ugguuUucacccaacagauccg	1
Gi1_4316704_x1	gguucgauucccgcgccgUag	1
Gi5_8915832_x1	ccaacagauccggguAc	1
Gi1_4278973_x1	uccggcguaguauaacgCcua	1
Gi3_28538421_x1	ccggcguaguauaacggcuaA	1
Gi5_9064515_x1	Aucucacccaacagauccgggu	1
Gi5_8968586_x1	gguucgauGcccgcgccgg	1
Gi3_28348367_x1	gguucgaAucccgcgcc	1
Gi3_28603978_x1	ggcguaguauaacAgcuaga	1
Gi1_4374259_x1	cucaccAaacagauccgg	1
Gi3_28783069_x1	ucgauucccggcUccggagc	1
Gi1a_6095435_x1	uGcggcguaguauaacggcu	1
Gi2_11307595_x1	guucucacccaacagauccgg	1
Gi3_28396191_x1	ugguucucUcccaacagaucc	1
Gi5_9087095_x1	gguucgCuucccgcgccggagc	1
Gi5_9112409_x1	gguucucacccaacGgauccgggu	1
Gi5_9082933_x1	gguucucacccaacagauccAg	1
Gi3_28767525_x1	ucgCuucccgcgccggagc	1
Gi5_9097109_x1	aUagauccggguucgauucccgcg	1
Gi3_28528581_x1	cAauucccgcgccggagc	1
Gi5_8919154_x1	cUggcguaguauaacggcuaga	1
Gi1_4283760_x1	ugguucuAaccaacagauccg	1
Gi3_28590145_x1	guucgauGccggcgccggag	1
Gi2_11100601_x1	ucgauucccggcUccggag	1
Gi2_11236176_x1	gguucgauucGcggcgcc	1
Gi3_28963182_x1	uccggcguaguauaacggcGagaau	1
Gi4_604450_x1	gguucucacccaacGgauccg	1
Gi3_28488094_x1	Gagauccggguucgauucccgcgccgg	1
Gi5_8895369_x1	gauucccgcgAggagc	1
Gi1_4214280_x1	guucucacccaacagauccgA	1
Gi5_8866308_x1	uccggcguaguauCacggcuagauggu	1
Gi2_11357110_x1	uucgGuucccgcgccgg	1
Gi2_11236176_x1	uccggcAuaguauaacggcuag	1
Gi2_11407350_x1	ucgauucccCcgccggagc	1
Gi3_28269762_x1	cacccaacagauccgggGuc	1
Gi3_28302604_x1	gAucucacccaacagauccg	1
Gi2_11107148_x1	aacagauccggguuAgauucccgcgccg	1
Gi1a_6049064_x1	uucucacccaacagaCccgg	1
Gi4_604894_x1	uccAgcguaguauaacggcuaga	1
Gi5_9099788_x1	aguccggcguagGauaacggcu	1
Gi5_9050913_x1	ucucacUcaacagauccg	1
Gi3_28686329_x1	agCuccggguucgauucc	1
Gi1_4224661_x1	uucucacccaacagaGccgg	1
Gi5_8887075_x1	gguucgUucccgcgccgg	1
Gi2_11162931_x1	Auucucacccaacagauccgggu	1
Gi3_28310326_x1	gaucggguCcgauucc	1

Gi3_28616757_x1	ucAggcguaguauaacggcua	1
Gi4_609748_x1	gguucgauucccgcgccggagcCu	1
Gi1_4386623_x1	uucucCcccaacagauccgg	1
Gi5_9007222_x1	uccggcguagAuaaacggc	1
Gi2_11070776_x1	ucgauucccgcgccUgag	1
Gi1_4191986_x1	aCccggguucgauucccgcgccgg	1
Gi5_9056183_x1	accaacagauccggguucgauCcc	1
Gi3_28976315_x1	gguucucGcccaacagauccgg	1
Gi3_28860126_x1	cccaacagauccggguucgauGcc	1
Gi3_28987095_x1	cccaacagauccggguucgaCuccc	1
Gi1_4173855_x1	ccgAcguaguauaacggcuag	1
G1a_6126156_x1	uccggcguaguCuaacggcu	1
Gi1_4368147_x1	uAucacccaacagauccg	1
Gi5_9129461_x1	gguucgauucccgCcgccgg	1
G1a_6103745_x1	guGcucacccaacagauccg	1
Gi3_28559884_x1	ccUaacagauccggguucgauuccc	1
Gi5_9062050_x1	gguucgauucUcggcgccggagcgu	1
Gi3_28874542_x1	gguucgauucAcggcgccgg	1
Gi1_4325900_x1	caacagGuccggguucgauucccggc	1
Gi3_28923891_x1	Ugauccggguucgauuccc	1
Gi2_11356522_x1	gcuaguauaacggcuagaaA	1
Gi2_11338905_x1	gguucgauucccgcgcgGg	1
Gi5_8935297_x1	guucgauuccCcgcgccgga	1
Gi3_28653418_x1	guNcucacccaacagauccg	1
Gi4_595029_x1	guucgauucccgcgAcgg	1
Gi3_28873117_x1	cucGcccaacagauccggguucgauu	1
Gi1_4201497_x1	aacaUauccggguucgauucccgcgccgg	1
Gi2_11107469_x1	agaauAguugguucucacc	1
Gi4_592118_x1	gguucucacccGacagauccg	1
Gi3_28554705_x1	gguucucaNccaacagauccgg	1
Gi5_9107189_x1	cAcacccaacagauccgg	1
Gi1_4259723_x1	gguucucCcccaacagauccgg	1
G1a_5995027_x1	ucucGcccaacagauccg	1
Gi1_4292558_x1	guucucacccaacUgauccgg	1
G1a_6076007_x1	uccggcguaguauaacAgcuagaau	1
Gi3_28644085_x1	uucuUacccaacagauccggguu	1
Gi1_4353672_x1	agauAcggguucgauuccc	1
Gi3_28604818_x1	ucgauCcccggcgccggag	1
Gi4_583360_x1	ucUggcguaguauaacggcuag	1
Gi1_4219145_x1	ggcguaguauaacgAcuag	1
Gi3_28617574_x1	gguuUucacccaacagaucc	1
Gi1_4267136_x1	gguucucacccaacagauccA	1
Gi3_28690571_x1	uccggcguaguauaacgCcuagaau	1
Gi3_28688159_x1	cAauucccgcgccggag	1
Gi1_4248612_x1	uccggcguaguGuaacggcuagaau	1
Gi5_8877325_x1	guucgUuucccgcgccggagc	1
Gi3_28462976_x1	gguuNgaucccgcgccggagc	1

Gi2_11325663_x1	.....uGcgggguucgauucccgcgccgga	1
Gi3_28557731_x1	.....cagauccggguucgaCuccc	1
Gi5_8843088_x1	.....Agguucgauucccgcgccgg	1
Gi5_8846253_x1	.....cggcguaguUuaacggcua	1
Gi5_9110145_x1	.....gguucgauuccAggcgccgga	1
Gi2_11304308_x1	.....guucgauGccggcgccggag	1
Gi1_4185539_x1	.....gauucccgcgccggagU	1
Gi3_28363045_x1	.....cggcguaguauaCcgguaga	1
Gi2_11134506_x1	.....cccaacagauccgggGuc	1
Gi1_4360244_x1	.....ugguucucacGcaacagauccg	1
Gi2_11365551_x1	.....gauuccUggcgccggagc	1
Gi3_28734044_x1	.....Cguccggcguaguauaac	1
Gi1a_6211574_x1	.....uccggcguaguauGacggcuagaa	1
Gi3_28428452_x1	.....ucgaGucccgcgccggagc	1
Gi2_11231686_x1	.....gauucccgcgccggCgc	1
Gi2_11061990_x1	.....ucgauuccNggcgccgga	1
Gi4_604495_x1	.....gGuucccgcgccggagc	1
Gi3_28439206_x1	.....cagauccggguucgauuGcc	1
Gi4_571954_x1	.....guAcgauucccgcgccgg	1
Gi2_11306525_x1	.....uccggcguagAuaacggc	1
Gi5_8953895_x1	.....uucucUcccaacagauccg	1
Gi2_11345545_x1	.....cAgcguaguauaacggcua	1
Gi5_8837034_x1	.....guuGucacccaacagauccg	1
Gi3_28435245_x1	.....gguCcucacccaacagauccgggu	1
Gi5_8891900_x1	.....uccggcguaguauaacggGuagaau	1
Gi3_28419469_x1	.....uccggguucgauucccgAgccgga	1
Gi3_28668767_x1	.....ugguucucUcccaacagauccg	1
Gi3_28467341_x1	.....ucucacUcaacagauccgg	1
Gi5_8981725_x1	.....Gucgauucccgcgccggagc	1
Gi1_4378876_x1	.....uccggcguaguauaacggGua	1
Gi3_28399065_x1	.....uccggguUgauucccgcgccgga	1
Gi1_4336294_x1	.....gguuAgauucccgcgccggag	1
Gi1_4332412_x1	.....uccggcguaguauaUcggcuaga	1
Gi5_8915546_x1	.....gguucgUuucccgcgccggagc	1
Gi5_8869804_x1	.....ggcguaguauaCcgguag	1
Gi5_8839554_x1	.....ucucacccUacagauccg	1
Gi3_28521586_x1	.....uucucGcccaacagauccgg	1
Gi2_11058683_x1	.....cagauccggguucgauucccgcgccggagcC	1
Gi5_8879346_x1	.....guucacccaacagaAccg	1
Gi1_4307754_x1	.....uccggcguaguauaacggcuCgaa	1
Gi3_28937902_x1	.....ugguCcucacccaacagaucc	1
Gi2_11403305_x1	.....uccggcguagAuaacggcuaga	1
Gi5_8911749_x1	.....cggcguaguauaacggcuagaa	0
Gi4_572180_x1	.....gguucgauucccgcgGcggagc	1
Gi2_11112269_x1	.....agauccGggguucgauucc	1
Gi2_11009016_x1	.....uGcgauucccgcgccggag	1
Gi3_28974909_x1	.....uucgauucccgAgccggagc	1

Gi3_28632715_x1	.....cucaccaacagauccggCu	1
Gi5_9081632_x1	.....ggcguaguauaacggcuagaGu	1
Gi1_4388547_x1	.....Gacagauccggguucgauucccgcgccgg	1
Gi2_11280951_x1	.....aguccggcguaguauaGcgg	1
Gi1a_6074540_x1	.....Cuucucaccaacagauccg	1
Gi5_8997540_x1	.....ucUccaacagauccggguu	1
Gi1a_6325166_x1	.....ggAucgauucccgcgccggag	1
Gi2_11317020_x1	.....uccggcguaguauaacggcuagaugguu	0
Gi2_11395804_x1	.....uccggcguaguauaaAggcuagaa	1
Gi3_28399320_x1	.....guucucaccaacUgauccg	1
Gi1_4310796_x1	.....cggcguGguauaacggcu	1
Gi3_28981538_x1	.....guGcucaccaacagauccgggu	1
Gi1_4380110_x1	.....ccggcguaNuuaaacggcu	1
Gi3_28944552_x1	.....Aucgauucccgcgccgga	1
Gi1a_6253918_x1	.....ucucaccaacCgauccg	1
Gi3_28593613_x1	.....Ncgauucccgcgccggagc	1
Gi3_28629367_x1	.....ugguuAucaccaacagauccg	1
Gi3_28381888_x1	.....ucgauucccUgcgccggagc	1
Gi1_4361419_x1	.....uucucaccaacagauccUg	1
Gi1a_6100600_x1	.....gguucgauuccAgcgccg	1
Gi1_4283531_x1	.....ggcguaguauCacggcuag	1
Gi1a_6257853_x1	.....gguucgauCcccgcgccggag	1
Gi5_8883673_x1	.....ccggcguaguauaaUggcuag	1
Gi2_11154551_x1	.....ugguuAucaccaacagaucc	1
Gi5_8855244_x1	.....uccggcguaguauaacggG	1
Gi1a_6004225_x1	.....guucucaccaacagaCccg	1
Gi1_4372687_x1	.....uccggcgGaguauaacggcua	1
Gi3_28972616_x1	.....Ngguucucaccaacagauccg	1
Gi5_8931323_x1	.....aguccggcguaguauaacggcuagaugA	1
Gi5_9050820_x1	.....uuNucaccaacagauccg	1
Gi3_28599939_x1	.....ccggcguaguCuaacggcuaga	1
Gi1a_6024798_x1	.....uccggcguaAuuaaacggcuagaa	1
Gi3_28940951_x1	.....uccggguucgauuccAgcgccgga	1
Gi1a_6183164_x1	.....Aguucgauucccgcgcc	1
Gi3_28759870_x1	.....agauccggguucgauuccU	1
Gi3_28613963_x1	.....guucucacGcaacagauccgg	1
Gi1a_6263421_x1	.....uucucaUccaacagauccg	1
Gi1_4217767_x1	.....ggcguaguauaacggcuagU	1
Gi5_8874790_x1	.....uccggcguaguauaacggcuagaU	1
Gi3_28716628_x1	.....uucgauucccgcgccUgagc	1
Gi2_11241927_x1	.....uccggcguaguaAaacggc	1
Gi1_4249870_x1	.....guugguucucaccaacagauccggG	1
Gi5_8962395_x1	.....ugCuucucaccaacagauccg	1
Gi1_4242935_x1	.....aguccggcguagCauaacgg	1
Gi5_9092387_x1	.....gguucgauucccgCcgccg	1
Gi3_28923004_x1	.....uccggcguaCuuaaacgg	1
Gi5_8990492_x1	.....gguCcgauucccgcgccggagcguu	1

Gi3_28909365_x1	.....uccggcguaguauaacggcuaU	1
Gi2_11267696_x1	.....cggcguaguauCacggcua	1
Gi1_4261801_x1	.....guucgauucccgAgccggagc	1
Gi1_4213027_x1	.....gguucgauucccgcgccggaCc	1
Gi5_9127316_x1	.....cccaacagaucggguucgau	0
Gi1_4170449_x1	.....ucgaCucccgcgccggagc	1
Gi3_28356424_x1	.....cggcguaguauaaUggcuaga	1
Gi5_8942041_x1	.....acagGuccggguucgauucccgcg	1
Gi2_11031628_x1	.....aguccggUguaguauaacggcuaga	1
Gi3_28562024_x1	.....uucgauuccAggcgccggagc	1
Gi2_11351729_x1	.....uccggguucgauucccgcgUgga	1
Gi2_11057976_x1	.....uuNucaccaacagaucgg	1
Gi3_28294130_x1	.....guucgauucccgcgccgCag	1
G1a_6201526_x1	.....gAuucgauucccgcgccggag	1
Gi3_28856543_x1	.....cguaguauaacggcuGga	1
Gi2_11136551_x1	.....guucgaAuucccgcgccggag	1
Gi3_28982503_x1	.....guucCcacccaacagaucggg	1
Gi5_8971504_x1	.....ccggcguagAuaaacggcua	1
G1a_6087353_x1	.....gguucgauuccCgcgccgga	1
Gi3_28495574_x1	.....agauCggguucgauucc	1
Gi3_28519129_x1	.....cgauAcccgcgccggagc	1
Gi1_4371846_x1	.....uccggcUuaguauaacggcua	1
Gi1_4257778_x1	.....gguucgauucccgcgCag	1
Gi3_28544578_x1	.....uccggcguaguauaacggcuagaaG	1
Gi5_9066794_x1	.....uAcggcguaguauaacggc	1
Gi1_4317254_x1	.....gguuAgaucccgcgccggagc	1
Gi2_11248282_x1	.....ugUuucucacccaacagaucggguucga	1
Gi2_11119338_x1	.....guucucacccaacaCaucgg	1
Gi3_28609946_x1	.....uccggcguaguauaacggAu	1
Gi5_8848803_x1	.....guGcgauucccgcgccggag	1
Gi3_28931829_x1	.....caacagauccUgguucgauucc	1
Gi3_28851294_x1	.....caccUaacagaucggguuc	1
Gi1_4217338_x1	.....ucucacUcaacagaucgg	1
Gi2_11214536_x1	.....ucGggcguaguauaacggc	1
Gi5_8837121_x1	.....gNuucucacccaacagaucgg	1
Gi3_28872324_x1	.....ucUggguucgauucccgcgccgga	1
Gi1_4203859_x1	.....uuGucaccaacagaucgg	1
Gi3_28529579_x1	.....uucgauuAccggcgccggagc	1
Gi3_28732519_x1	.....uugguucucaccccCacagauc	1
Gi5_8884803_x1	.....guucgauucccgcgccggagcAuuucc	1
Gi5_9023466_x1	.....gguucgauuccAggcgccgg	1
Gi3_28686517_x1	.....cucaccaacagaucUg	1
Gi1_4211070_x1	.....ggcguaguauaacggcCa	1
Gi1_4248954_x1	.....ucacccUacagaucgggu	1
Gi2_11045741_x1	.....guucgauucccgcgccgAa	1
Gi1_4188947_x1	.....uccggAguaguauaacggcuaga	1
Gi3_28862388_x1	.....uccggcguaguauaacggcuagaugguuggu	0

Gi5_8933169_x1	.....caccGacagauccggguucga.....	1
Gi2_11171955_x1	.....uccggcguaguauGacggc.....	1
Gi1_4340501_x1	.....gguNcgauucccgcgccg.....	1
Gi3_28534135_x1	.....uucucaccaacagauccU.....	1
Gi1_4274271_x1	.....uucgauucccgcgccggagcgA.....	1
Gi3_28552888_x1	.....cucaccaacagauccGgg.....	1
Gi3_28816522_x1	.....uAcgauucccgcgccgg.....	1
G1a_6110384_x1	.....uccggcguaguGuaacggcuagaau.....	1
Gi2_11021809_x1	.....uccggcguaguauaacggcuaUaa.....	1
Gi3_28391138_x1	.....uccggcguaguAaacggcuag.....	1
Gi5_9011630_x1	.....uucucCcccaacagauccgg.....	1
G1a_6164324_x1	.....uccggcguaguauaacggcC.....	1
Gi2_11271538_x1	.....ucgauucAcggcgccgga.....	1
Gi5_8880505_x1	.....ucgauucccgUgcccga.....	1
G1a_6235090_x1	.....gguucgauucccgAcccg.....	1
Gi5_9026887_x1	.....ucucaccaacagauccU.....	1
Gi1_4202829_x1	.....gguuGgauucccgcgccggagc.....	1
Gi5_9086464_x1	.....Aguucgauucccgcgccggagcgu.....	1
Gi3_28374533_x1	.....ucucaccaacaCauccg.....	1
Gi4_585429_x1	.....Aguucgauucccgcgccgg.....	1
Gi3_28400264_x1	.....guucucacccCacagauccggguucgau.....	1
Gi2_11396307_x1	.....guucucacUaacagauccgg.....	1
Gi5_8870938_x1	.....ggCucucaccaacagaucc.....	1
Gi5_8945493_x1	.....Auaguauaacggcuagaau.....	1
Gi2_11022110_x1	.....cgauuccUggcgccggagcguuuc.....	1
Gi2_11116924_x1	.....uccggcguaguauaacggGuaga.....	1
Gi3_28772100_x1	.....ugguucucacccaaUagauccg.....	1
Gi5_8887625_x1	.....caacagauccggCucgauucccgcgccg.....	1
Gi5_8998405_x1	.....uucucaccaacagauccggCu.....	1
Gi3_28383516_x1	.....gguucgauucccCgcccgg.....	1
Gi5_9013907_x1	.....ugguucucaccaacagauccAg.....	1
Gi1_4371977_x1	.....uccggcguNguauaacggcuagaa.....	1
Gi5_9020413_x1	.....accaacagauccggguucgauucUc.....	1
Gi3_28945273_x1	.....uugguucucUcccaacagaucc.....	1
Gi5_9082802_x1	.....ucucaccaacGgauccgg.....	1
Gi1_4203577_x1	.....ucucaccUaacagauccgg.....	1
Gi2_11029933_x1	.....ugguucucaccaacagauGcg.....	1
Gi2_11226528_x1	.....agGuccggguucgauucc.....	1
Gi3_28419933_x1	.....agauccggNuucgauucc.....	1
Gi2_11138380_x1	.....ucgauucccgcgGggagc.....	1
Gi2_11308489_x1	.....cgUuuccggcgccggagcguuuc.....	1
Gi2_11094102_x1	.....uucucaccaacagauccggguuc.....	0
Gi1_4348404_x1	.....guucucaccaGagauccg.....	1
Gi5_9007676_x1	.....uNcgcgguaguauaacgg.....	1
Gi2_11129664_x1	.....ggguucgauucccgcgAcgga.....	1
Gi3_28311531_x1	.....Aagauccggguucgauucc.....	1
Gi3_28280924_x1	.....guucgauucccgcgCccggagc.....	1

Gi5_8952778_x1	.....gguucgauucccgcgccUgag	1
Gi2_11311014_x1	.....uucgauucccgcgccUgag	1
Gi3_28630680_x1	.....gguucgauucccgcgccUgag	1
Gi3_28378571_x1	.....ggguucgGuucccgcgccggagc	1
Gi5_8936068_x1	.....uucucacccCacagaucggguu	1
Gi5_9137971_x1	.....uccggcguaCuuaaacggcuagaau	1
Gi5_8961556_x1	.....uccggcguaaguauaacCgc	1
Gi3_28987564_x1	.....gguucgauGcccggcgcc	1
Gi3_28945706_x1	.....cggcguaaguauaacAgcuagaauggu	1
Gi1_4173683_x1	.....Ucggcguaaguauaacggcuaga	1
Gi3_28513443_x1	.....uccggcAuaguauaacggcuagaa	1
Gi2_11312496_x1	.....ucgauAcccgcgccggag	1
Gi1_4165399_x1	.....Nuucgauucccgcgccggagc	1
Gi4_594121_x1	.....gguucgaCucccgcgccggagc	1
Gi5_8990018_x1	.....ggcguaGcauaaacggcuagaau	1
Gi3_28407437_x1	.....guucucacccaacagauccgggC	1
Gi1a_6096632_x1	.....Uuucgauucccgcgccggag	1
Gi1_4280345_x1	.....ccggcguaGuuaaacggcu	1
Gi1_4380338_x1	.....guucgaGuucccgcgccggagc	1
Gi1a_6195582_x1	.....uccggcguaaguauaacggcuAaa	1
Gi1_4371992_x1	.....uccggcguaaguauGacggcu	1
Gi3_28773250_x1	.....uccggcguaaguauUacggcuagaa	1
Gi5_9030840_x1	.....gauucccgcgccggagA	1
Gi1_4205593_x1	.....guucucaAccaacagauccg	1
Gi5_8879089_x1	.....gguucucacccaCagauccgg	1
Gi1_4278280_x1	.....cucacccaacagauccggguucgauuA	1
Gi1_4359562_x1	.....caCagauccggguucgauucccggc	1
Gi1_4338588_x1	.....cagauccggguucgauuccc	0
Gi1a_6130507_x1	.....gguucgauucccggcAccg	1
Gi3_28284425_x1	.....acagauccggguucgaCucccgcgccgg	1
Gi3_28403535_x1	.....aUaucggguucgauucccgcgccgg	1
Gi2_11021237_x1	.....ccggcguaGuuaaacggcu	1
Gi2_11331587_x1	.....guNcgauucccgcgccgg	1
Gi2_11328523_x1	.....cagauccgNguucgauuccc	1
Gi3_28700299_x1	.....uccggcguaaguauaacgUcuag	1
Gi5_8878709_x1	.....cucacccaacagauccCg	1
Gi2_11046574_x1	.....gguucgauGcccggcgcc	1
Gi2_11265027_x1	.....agaaugguuAguucucacc	1
Gi5_9056703_x1	.....uuggGucucacccaacagauccg	1
Gi5_9045931_x1	.....gguucucacccaacagCuccgg	1
Gi1_4349308_x1	.....cggcguaaguauaacggcC	1
Gi5_8970648_x1	.....Cccggcguaaguauaacggcu	1
Gi2_11203524_x1	.....uggCucucacccaacagaucc	1
Gi2_11177370_x1	.....uccNcguaaguauaacggc	1
Gi1_4240077_x1	.....cagauccgNguucgauucccgcgcc	1
Gi4_587679_x1	.....gauucccgcgccggagcC	1
Gi2_11393693_x1	.....guucucacccaacaUaucgg	1

Gi1_4243940_x1	.....ccggcguaguauaacggUua	.....	1
Gi3_28269161_x1	.....ccaacagauccggguucgCuucc	.....	1
Gi1_4307504_x1	.....Aucgauucccgcgccgg	.....	1
Gi5_9044436_x1	.....ucucaccaacagauccggguu	.....	0
Gi1_4367436_x1	.....Acucaccaacagauccgg	.....	1
Gi3_28845316_x1	.....acccaGcagauccggguucgauucc	.....	1
Gi5_8907434_x1	.....ucucaccaCcagauccgg	.....	1
Gi1_4268271_x1	.....gguucucacAcaacagauccgg	.....	1
Gi2_11193724_x1	.....gauuccAgggcgggagc	.....	1
Gi1_4365183_x1	.....cucaccaacagauccggguucgauuU	.....	1
Gi3_28433959_x1	.....ccggcgCaguauaacggcuaga	.....	1
Gi3_28609483_x1	.....ucgauucccgcgccggUgc	.....	1
Gi5_9102312_x1	.....Cucucaccaacagauccggguu	.....	1
Gi3_28311232_x1	.....ccUgcguaguauaacggc	.....	1
Gi2_11299578_x1	.....cggcguagNauaacggcuagaau	.....	1
Gi3_28555814_x1	.....uucgauucccgcgccgggagc	.....	1
Gi5_8923123_x1	.....gUuucucaccaacagauccggguu	.....	1
Gi3_28764885_x1	.....ugguucucaccaacagauA	.....	1
Gi1_4361395_x1	.....uucgauucccggcUccgg	.....	1
Gi3_28755984_x1	.....cucaccaacagauccAgg	.....	1
Gi3_28440000_x1	.....ugguucucaccaacagauUcg	.....	1
G1a_6330986_x1	.....guucgauuccCgcgccg	.....	1
Gi5_9110155_x1	.....gguucgauucccgcgccggag	.....	1
Gi2_11077411_x1	.....cAcaccaacagauccgg	.....	1
Gi5_9017239_x1	.....guucUauucccgcgccggagcguuucc	.....	1
Gi3_28682632_x1	.....cucaccaacagauccCg	.....	1
Gi1_4295070_x1	.....caacagauccggguucgauuccUggc	.....	1
Gi1_4217533_x1	.....gguCcgauucccgcgcc	.....	1
Gi5_8848841_x1	.....gguucucaccaacagaCccgg	.....	1
Gi5_8834483_x1	.....gguucgauucccgGgcccggag	.....	1
Gi5_8944459_x1	.....uucucaccaacagauccgC	.....	1
Gi3_28973498_x1	.....ucgauuccGggcggcggagc	.....	1
Gi1_4310529_x1	.....uccggcgAaguauaacggcuagaa	.....	1
Gi5_8873261_x1	.....cucaUccaacagauccgg	.....	1
Gi5_8897594_x1	.....uucucaccaacagauccgAguu	.....	1
G1a_6071562_x1	.....Aguucgauucccgcgccg	.....	1
G1a_6317276_x1	.....gguucgauucccgAgccg	.....	1
Gi5_8918949_x1	.....ucgGuucccgcgccggagc	.....	1
Gi3_28435967_x1	.....caacagauccgggGucga	.....	1
Gi5_9069029_x1	.....ccggcguaguauCacggcua	.....	1
Gi4_570145_x1	.....gGucgauucccgcgccgga	.....	1
Gi2_11383158_x1	.....guucgauucccgcgccgUa	.....	1
Gi1_4291873_x1	.....uccggcguaguauaacggcuagaauA	.....	1
Gi2_11391649_x1	.....ugguucucaccaGcagaucc	.....	1
Gi5_9087774_x1	.....ggcguaguauaacggcuGg	.....	1
G1a_6279999_x1	.....guucgauuccAgcggccggagc	.....	1
Gi1_4164300_x1	.....ggcguaguUaacggcua	.....	1

Gi1_4175107_x1	.....ugNuucucacccaacagauccgg.....	1
Gi3_28446139_x1	.....Uggguucgauuccggcgccggagc.....	1
Gi2_11355533_x1	.....uccggguucgauAccggcgccgga.....	1
Gi4_581032_x1	.....gCuucgauuccggcgccggagc.....	1
Gi4_589372_x1	.....uccAgcguaguauaacggcuag.....	1
Gi3_28790025_x1	.....ucucacUcaacagauccg.....	1
Gi3_28813576_x1	.....ucNggcguaguauaacggcuag.....	1
Gi3_28351075_x1	.....ugguAcucacccaacagauccg.....	1
Gi1_4328097_x1	.....uccggcguaUuauaacggcua.....	1
Gi1_4295786_x1	.....guuAgaauccggcgccgga.....	1
Gi2_11161442_x1	.....uucucacccaacagauccgC.....	1
Gi2_11074341_x1	.....Agguucucacccaacagaucc.....	1
Gi1a_6167788_x1	.....Ccucacccaacagauccg.....	1
Gi4_572457_x1	.....gguucgCuuccggcgccgg.....	1
Gi3_28348399_x1	.....ugguucucacccaacagUuccg.....	1
Gi2_11397560_x1	.....guucgauuccggcgccgga.....	1
Gi5_8989993_x1	.....Ggguucucacccaacagauccggguucga.....	1
Gi1a_6296102_x1	.....gguAcgauuccggcgccggagc.....	1
Gi3_28870627_x1	.....guucCauuccggcgccggagc.....	1
Gi3_28505496_x1	.....Uaacagauccggguucga.....	1
Gi4_568121_x1	.....uugguucucaccUaacaga.....	1
Gi1a_6331626_x1	.....uccggcguaaguaCaacggcuag.....	1
Gi1_4376379_x1	.....uucucacccaacaCauccg.....	1
Gi5_9068058_x1	.....cgauucccCgcgccggagcguuuc.....	1
Gi5_9122889_x1	.....gguGcgauuccggcgccggagc.....	1
Gi2_11340649_x1	.....uucucacccaacGgauccgg.....	1
Gi1a_6195412_x1	.....uccggcguaaguaaacggcuagaGu.....	1
Gi3_28727938_x1	.....uCGguucucacccaacagaucc.....	1
Gi3_28502031_x1	.....ucgauucccgccggccggGg.....	1
Gi3_28441267_x1	.....uucgauucccAgcgccgg.....	1
Gi3_28538696_x1	.....gauccggguucgauAccc.....	1
Gi1a_6104029_x1	.....gguucgauucccCgcgccggagc.....	1
Gi1_4174351_x1	.....uccggcguaAuauaacggcuaga.....	1
Gi2_11384375_x1	.....uccggcguaaguCuaacggcuagaau.....	1
Gi2_11022829_x1	.....cccaCcagauccggguuc.....	1
Gi3_28546804_x1	.....guucucaccUaacagauccggg.....	1
Gi2_11275583_x1	.....cagauccggguucgauuccggcgccggCg.....	1
Gi3_28521686_x1	.....uggNucucacccaacagauccg.....	1
Gi1_4214623_x1	.....cgauucccgccggagcguuuc.....	0
Gi1_4193508_x1	.....caacagauccggguucgauucUcggc.....	1
Gi3_28809496_x1	.....cgauucccAgcgccggagc.....	1
Gi3_28900399_x1	.....auccggguucgaGuuccggcgccgga.....	1
Gi2_11372907_x1	.....ugguucucCcccaacagauccg.....	1
Gi4_610398_x1	.....cucacccaacagauccggguCcg.....	1
Gi3_28949480_x1	.....uccggGguaguauaacggcua.....	1
Gi1_4199363_x1	.....gguucucacccaacUgauccg.....	1
Gi1_4181418_x1	.....uccggcguaaguaaacggcCagaau.....	1

Gi5_8955198_x1	.....gguuAucacccaacagauccg.....	1
Gi3_28714124_x1	.....caccacacagauccgAguuc.....	1
Gi4_591759_x1	.....guucgauucccgcgccgC.....	1
Gi2_11009191_x1	.....cccaacagNuccggguuc.....	1
Gi1_4364503_x1	.....uccNgcguaguauaacggcuag.....	1
Gi2_11218470_x1	.....ggguucgauucccgcgccggagcgA.....	1
Gi2_11318228_x1	.....uccggcguaguauaaAgg.....	1
Gi3_28767597_x1	.....gauucccgcgUcggagc.....	1
Gi1_4225951_x1	.....ucacAcaacagauccgggu.....	1
Gi5_9044106_x1	.....Agcguaguauaacggcuagaa.....	1
Gi5_9072391_x1	.....ugguucucacccaaUagauccg.....	1
Gi3_28682926_x1	.....uccUgcguaguauaacggcuagaa.....	1
Gi2_11138565_x1	.....uccAgcguaguauaacggcuagaa.....	1
Gi3_28920230_x1	.....cGcaccacagauccggguucgauucc.....	1
Gi5_9080958_x1	.....gCuucgauucccgcgccggagcg.....	1
Gi2_11161412_x1	.....cucacccaacagauccAg.....	1
Gi5_9100593_x1	.....uucucacccaaUagauccg.....	1
Gi3_28503864_x1	.....ugguucucacccaCcagaucc.....	1
Gi1a_6108627_x1	.....Agguucucacccaacagauccg.....	1
Gi5_9026152_x1	.....guucucaGccaacagauccg.....	1
Gi1_4201748_x1	.....uucgauucccgcgccggagcA.....	1
Gi4_578696_x1	.....uccggcguaguGuaacggcua.....	1
Gi2_11314715_x1	.....uuNucacccaacagauccgg.....	1
Gi3_28492309_x1	.....uccggcCuaguauaacggcuagaa.....	1
Gi1a_6020147_x1	.....gguucgauuccAggcgccggag.....	1
Gi3_28530015_x1	.....ccaacagauccggguucgauucccgcgccggagc.....	0
Gi5_9083523_x1	.....ggNucucacccaacagauccg.....	1
Gi3_28438328_x1	.....ucgauuccAggcgccggagc.....	1
Gi1a_6258115_x1	.....Auucgauucccgcgccgg.....	1
Gi5_9020042_x1	.....ccggcguGguauaacggcuagaa.....	1
Gi3_28598908_x1	.....guucucacccaCcagauccgggu.....	1
Gi5_9112221_x1	.....gguucgauucccgcgccggCgcguu.....	1
Gi2_11398309_x1	.....cucacccaacagaCccgg.....	1
Gi2_11006973_x1	.....ugguAcucacccaacagauccg.....	1
Gi5_9095907_x1	.....guNcgauucccgcgccgg.....	1
Gi3_28586589_x1	.....uccggguucgauucccgcgccggagc.....	0
Gi1_4358148_x1	.....Auccggcguaguauaacggc.....	1
Gi3_28392848_x1	.....gguucgauucccgcgccggagcUu.....	1
Gi5_8932518_x1	.....ggguucgauuUccggcgccggagc.....	1
Gi5_9115682_x1	.....gguucuGaccaacagauccg.....	1
Gi5_9103529_x1	.....guucgauuccGcgcgccgg.....	1
Gi3_28395763_x1	.....caacagaCccggguucga.....	1
Gi1_4280106_x1	.....ccggcguaguauaaUggcuagaa.....	1
Gi3_28525201_x1	.....uugguucucacccaacaAuucc.....	1
Gi3_28471226_x1	.....cggAuucgauucccgcgccgg.....	1
Gi5_8901742_x1	.....cggcguaguauaCggcuaga.....	1
Gi2_11178729_x1	.....uucucacccaacagauccggguUg.....	1

Gi1_4166191_x1	.....cucacccaacagauccggguucgG.....	1
Gi5_8886831_x1	.....gguucgauuccUggcgccggagcguu.....	1
Gi3_28975968_x1	.....aucggguucAauucccgccgcca.....	1
Gi3_28614583_x1	.....uccggcguaguauaCcgguagaa.....	1
Gi2_11273164_x1	.....uucgauucccgccgC.....	1
Gi2_11311702_x1	.....guucgauucccgUcgccgga.....	1
Gi1_4358312_x1	.....ucaccCacagauccgggu.....	1
Gi2_11390656_x1	.....ugguucCcacccaacagaucc.....	1
Gi2_11095496_x1	.....uccUgcguaguuaacggcuagaa.....	1
Gi1_4323736_x1	.....cgauucccgccgagcguuA.....	1
Gi3_28316339_x1	.....guucuUacccaacagauccgg.....	1
Gi5_8834769_x1	.....aGccaacagauccggguucgauuccc.....	1
Gi5_8985418_x1	.....uccggcguaguUuaacggcuagaa.....	1
Gi1a_6162908_x1	.....uccggcguaguauCacggcuagaa.....	1
Gi1_4203173_x1	.....Nucacccaacagauccgg.....	1
Gi2_11234487_x1	.....ucgauucccgccgUagc.....	1
Gi5_8929645_x1	.....guucucacUcaacagauccgg.....	1
Gi3_28579118_x1	.....ucgauucccAgcgcggagc.....	1
Gi5_8902325_x1	.....Agguucgauucccgccgag.....	1
Gi5_9079622_x1	.....ccaacagauccggCuc.....	1
Gi3_28799960_x1	.....uugguucucacccaaUagaucc.....	1
Gi5_8892016_x1	.....ugguucuGacccaacagauccg.....	1
Gi3_28549937_x1	.....cggcguaguuaacggcuCga.....	1
Gi5_8890773_x1	.....guucucaAccaacagauccgg.....	1
Gi2_11024313_x1	.....gguucgauucccgccgagcguuA.....	1
Gi1a_6044083_x1	.....guucAauucccgccgag.....	1
Gi3_28893665_x1	.....cggguucgaCucccgccgga.....	1
Gi5_8994404_x1	.....Cuucgauucccgccgag.....	1
Gi5_8857226_x1	.....guucgauucccgccgagcgu.....	0
Gi1_4373866_x1	.....ggcguaguGuaacggcua.....	1
Gi1_4324906_x1	.....cagauccggguucgCuucccgcc.....	1
Gi1_4272720_x1	.....gCuucgauucccgccg.....	1
Gi3_28405141_x1	.....aucggguCcgauucccgccgagc.....	1
Gi1_4270057_x1	.....uccggcguagAuaacggcua.....	1
Gi2_11100270_x1	.....cagaGccggguucgauucccgccgag.....	1
Gi1_4195659_x1	.....Uuccggguucgauucccgccgga.....	1
Gi2_11059842_x1	.....gguucgauucccgccgCa.....	1
Gi3_28627834_x1	.....uNcgauucccgccgagc.....	1
Gi5_9119065_x1	.....acccaacagauccggCucgauucc.....	1
Gi2_11181027_x1	.....uccggcguaguUuaacggcua.....	1
Gi1a_6220951_x1	.....uAcgauucccgccgagc.....	1
Gi3_28335349_x1	.....acagauccNggauucccgccgga.....	1
Gi2_11055804_x1	.....aacagauccggguucgaUcccggccg.....	1
Gi5_8902008_x1	.....ucacUcaacagauccgggu.....	1
Gi4_612650_x1	.....guucgauucccgccgUcgga.....	1
Gi2_11180185_x1	.....Gccaacagauccggguuc.....	1
Gi5_8979466_x1	.....guaguuaacgAcuagaa.....	1

Gi1a_6322399_x1	.....gguucgGuucccgcgccg	1
Gi5_9040313_x1	.....ucucaccaCcagauccg	1
Gi2_11096192_x1	.....uccggcguaguauaacggG	1
Gi1_4210347_x1	.....uggNucucaccaacagauccg	1
Gi2_11276217_x1	.....uccggcguaguauaacggcuagauggGu	1
Gi3_28328912_x1	.....ccggcguaguauaaUggcuag	1
Gi1a_6115971_x1	.....Auucgauucccgcgccgga	1
Gi1a_6239905_x1	.....gguucgauuccUggcgccggagc	1
Gi2_11357651_x1	.....uucucaccUaacagauccgg	1
Gi1a_6020043_x1	.....gguucgauCcccgcgccggagc	1
Gi2_11294474_x1	.....uucgauucccgcgAccgg	1
Gi3_28960986_x1	.....ucgauucAcggcgccggag	1
Gi1_4377282_x1	.....ucaccaacagauccggAu	1
Gi2_11084435_x1	.....ucAggcguaguauaacggcua	1
Gi5_8934047_x1	.....uugguCcucaccaacagauccg	1
Gi5_9064252_x1	.....uccggcguGguauaacggcuagaa	1
Gi2_11095490_x1	.....guucAcaccaacagauccgg	1
Gi1_4324529_x1	.....gguucAauucccgcgccggagc	1
Gi1_4335481_x1	.....gguNcgauucccgcgccgg	1
Gi1_4178239_x1	.....guucucaccaacagauUcgg	1
Gi5_9075623_x1	.....guucgaCucccgcgccggagcgu	1
Gi2_11037821_x1	.....uucAauucccgcgccggag	1
Gi1_4237845_x1	.....cucaccaacagauccAgguucgauucc	1
Gi2_11037583_x1	.....Ggaaugguugguucucacc	1
Gi2_11239010_x1	.....guucgauuccCgcgccgga	1
Gi2_11114223_x1	.....Ggauccggguucgauucc	1
Gi1a_6272640_x1	.....guCcgauucccgcgccggagc	1
Gi5_9129030_x1	.....uccggcguNguauaacggcuagaugg	1
Gi1_4376683_x1	.....gguucgauUccggcgccg	1
Gi5_9038197_x1	.....gguucUauucccgcgcc	1
Gi1_4206593_x1	.....guucucaccaacagaCccgg	1
Gi2_11248524_x1	.....gguucucacGcaacagauccg	1
Gi1_4303009_x1	.....guucucaccaacagaAccgg	1
Gi1_4272790_x1	.....uccggcguaguauaaAggcu	1
Gi5_8947288_x1	.....gguucgaAuucccgcgccggagc	1
Gi2_11070767_x1	.....gguucuAaccaacagauccg	1
Gi2_11066010_x1	.....uucgauucccgcgAcggagc	1
Gi3_28284791_x1	.....gauccgAguucgauucc	1
Gi1_4185010_x1	.....uUucaccaacagauccgg	1
Gi1_4202196_x1	.....cgauucccgcgccggag	0
Gi2_11218230_x1	.....gguucgauucccgGgaccg	1
Gi5_9035518_x1	.....ggguucgauucccgcgcc	0
Gi1_4225206_x1	.....guuNucaccaacagauccg	1
Gi5_8993877_x1	.....cggcguaguauaacggcAaga	1
Gi2_11168067_x1	.....gNucgauucccgcgccggagc	1
Gi5_9000256_x1	.....cgauucccgcgccggagcguu	0
Gi3_28692859_x1	.....guucucaccaacGgauccgggu	1

Gi3_28520573_x1	.....Cuccggcgguaguauaacggcuaga	.....	1
Gi2_11008204_x1	.....Aucucacccaacagauccg	.....	1
Gi3_28894219_x1	.....ugguucucacccaUcagauccg	.....	1
Gi2_11026771_x1	.....gcuaguauaacggcuaga	.....	0
Gi5_8910802_x1	.....uAcggcgguaguauaacgg	.....	1
Gi3_28277343_x1	.....uucucUcccaacagauccggguu	.....	1
Gi4_568345_x1	.....uccggcgguaguGuaacggc	.....	1
Gi2_11135721_x1	.....agaaugguugguucucaUc	.....	1
Gi5_8972409_x1	.....cggcgguaguauaacAgcuagaau	.....	1
Gi5_9000909_x1	.....guucgauucccgcgccggaUc	.....	1
Gi5_8835427_x1	.....ugguuAucacccaacagauccg	.....	1
Gi5_8892777_x1	.....ucucacccaacagauccAg	.....	1
Gi5_9053379_x1	.....guucucacccaacagauccNg	.....	1
Gi2_11294708_x1	.....cCcacccaacagauccgg	.....	1
Gi2_11372612_x1	.....gauccggguucgauuccc	.....	0
Gi3_28652680_x1	.....cgauucccgcgccggCg	.....	1
Gi3_28326683_x1	.....uccggcgguaguauaaAggcuag	.....	1
Gi2_11350563_x1	.....ucGggcgguaguauaacggcuagaau	.....	1
Gi5_9116846_x1	.....guuucccgccuuccuucgCcu	.....	1
Gi3_28430870_x1	.....ccggcAuaguauaacggc	.....	1
Gi4_571028_x1	.....uccggcgguaguauaacAgcuaga	.....	1
Gi5_9006296_x1	.....uccggcgguaguauaacggcuagaauaggA	.....	1
Gi1_4287339_x1	.....ccNgcgguaguauaacggc	.....	1
Gi3_28419842_x1	.....ggcuaguauaacggcuagaaC	.....	1
Gi3_28403797_x1	.....agaucggguucgauuGc	.....	1
Gi3_28894200_x1	.....cucacccaGcagauccgg	.....	1
Gi3_28951653_x1	.....agaucAgguucgauuccc	.....	1
Gl1_6031264_x1	.....guucgauucccgcgccAggagc	.....	1
Gi2_11376939_x1	.....ggNucgauucccgcgccgga	.....	1
Gi5_9014789_x1	.....guucucacccaacagauccAgg	.....	1
Gi3_28283115_x1	.....aAaucggguucgauucc	.....	1
Gl1_6104292_x1	.....gguucgauuccUggcgcc	.....	1
Gi5_9042488_x1	.....ugguucCcacccaacagauccg	.....	1
Gi5_8916156_x1	.....guucgauuNccggcgccggag	.....	1
Gi5_9045519_x1	.....aacagauccgggGucgauucccgcgccggagc	.....	1
Gi1_4374766_x1	.....uccUgcuaguauaacgg	.....	1
Gi3_28628330_x1	.....uccggguucgauucccgcgccggG	.....	1
Gl1_6245004_x1	.....uccggcgguaguauaacggUuag	.....	1
Gi3_28633401_x1	.....ggguucgauucccgggGgccgga	.....	1
Gl1_6029100_x1	.....gguucgauuccAgcgccg	.....	1
Gi2_11295613_x1	.....guuGgauucccgcgccggagc	.....	1
Gi1_4267799_x1	.....gguucucacccaacagCuccgg	.....	1
Gi3_28827616_x1	.....agaucggguAcgauuccc	.....	1
Gi1_4328858_x1	.....uGcucacccaacagauccggguucgau	.....	1
Gi5_9118190_x1	.....ugguucucNcccaacagauccgg	.....	1
Gi1_4262903_x1	.....guucgCuucccgcgccggagc	.....	1
Gi5_8895229_x1	.....ugguucucacccaacagauccA	.....	1

Gi1_4187177_x1	.....ccggcguaguauaacggcuGgaau.....	1
Gi3_28971467_x1	.....ucgauucccgccCga.....	1
Gi4_600522_x1	.....Cuucucaccaacagauccg.....	1
Gi5_9026656_x1	.....uccggcguaguauaacGcuagaa.....	1
G1a_6275200_x1	.....guucucaccaCcagauccg.....	1
Gi4_584701_x1	.....ccggcguaguauaacggcuag.....	0
Gi1_4323896_x1	.....auccggAuucgauucccgccg.....	1
G1a_6055536_x1	.....gguucgauucccgAcgcc.....	1
Gi2_11086499_x1	.....cggguucgaGuccggcgcgga.....	1
Gi2_11327666_x1	.....gguucucaccaacagaucc.....	0
Gi5_8975422_x1	.....guucgaCucccgccgagcguu.....	1
Gi5_8884338_x1	.....cggcguagCauaacggcuag.....	1
Gi1_4329162_x1	.....Guccggguucgauucccgccgga.....	1
Gi1_4165615_x1	.....ugguucucaccaacagauAcg.....	1
Gi3_28572412_x1	.....guucgauGccggcgcgga.....	1
G1a_6183397_x1	.....guucgauucccgccgagcU.....	1
Gi3_28675635_x1	.....caacagauccAgguucga.....	1
Gi5_8991978_x1	.....gguucAcaccaacagauccg.....	1
Gi5_9095572_x1	.....uucucaccaacagauccg.....	1
Gi1_4231488_x1	.....gguucucaccaacagauUcg.....	1
Gi5_8924373_x1	.....Gccggcguaguauaacggcuagaug.....	1
Gi3_28868449_x1	.....auccgggCucgauucccgccgga.....	1
Gi5_9027007_x1	.....uccggcguaguauaacCgcuaga.....	1
Gi5_9061390_x1	.....uAcggcguaguauaacggcuagaau.....	1
Gi5_9041570_x1	.....uccNgcguaguauaacggcuaga.....	1
Gi2_11174349_x1	.....Uguucucaccaacagaucc.....	1
Gi1_4371490_x1	.....gguucUaccaacagauccg.....	1
Gi5_8905012_x1	.....uccggcguaguauaacggcAaga.....	1
Gi3_28935120_x1	.....guUcggcguaguauaacggcuaga.....	1
G1a_6314845_x1	.....guucucaccaacagGuccg.....	1
Gi2_11370999_x1	.....uucucCcccaacagauccg.....	1
Gi3_28350522_x1	.....agaucggguucUauucccgccg.....	1
Gi4_582858_x1	.....ggAucgauucccgccg.....	1
Gi5_9086160_x1	.....uucgauucccgccgagcAu.....	1
G1a_6189935_x1	.....uucucaccGacagauccg.....	1
Gi2_11271890_x1	.....ucgauucccgccgAa.....	1
Gi5_8950064_x1	.....gguuGgauucccgcc.....	1
Gi3_28721884_x1	.....caccaacagauccAgguuc.....	1
Gi3_28817395_x1	.....ccggcguaguauCacggcuaga.....	1
Gi3_28331776_x1	.....ucgauucccgccGcggag.....	1
Gi5_8917411_x1	.....guucucaccaGagauccg.....	1
Gi1_4202183_x1	.....ucgauuccAgcggcggagc.....	1
Gi5_8866757_x1	.....ucucaccaacagauccgg.....	0
Gi1_4248204_x1	.....uccggAguaguauaacggcuagaa.....	1
Gi3_28367049_x1	.....caacagauccgAguucga.....	1
Gi1_4203726_x1	.....ccggcguaguauaacggcuagaU.....	1
Gi3_28646600_x1	.....uucgauAcccgccgga.....	1

Gi5_8854179_x1.....uccggcguaCuauaacggcuag..... 1
 Gi2_11227077_x1.....guucgauucccggcgcGg..... 1
 Gi3_28371487_x1.....uucucacccaacaUaucgg..... 1
 Gi5_9043316_x1.....cggcgguaguauaUcggcuag..... 1
 Gi1_4290332_x1.....guucgauucccggcgcggaC..... 1
 G1a_6336195_x1.....gGucgauucccggcgcgga..... 1
 Gi3_28320600_x1.....uucucaUccaacagauccgg..... 1
 Gi2_11144303_x1.....guucCauucccggcgcgag..... 1
 Gi4_608663_x1.....gguucgauucccggcgcgA..... 1
 Gi2_11055791_x1.....gUuucgauucccggcgcgagcguuu..... 1
 Gi3_28605773_x1.....gguGcgauucccggcgcgag..... 1
 Gi3_28608683_x1.....Cgguucgauucccggcgcg..... 1
 Gi5_8985589_x1.....cggcgCaguauaacggcuaga..... 1
 Gi1_4305945_x1.....uccggcgguaguauGacggcuaga..... 1
 G1a_6026247_x1.....guucUauucccggcgcg..... 1
 Gi3_28963819_x1.....gcuaguauaacAgcuagaa..... 1
 Gi1_4364784_x1.....ucucacUcaacagauccg..... 1
 Gi5_8846416_x1.....cggcgCaguauaacggcuag..... 1
 Gi2_11365591_x1.....ucgauucccggcgcgGg..... 1
 Gi1_4191855_x1.....Gucaccaacagauccggguucgauucc..... 1
 Gi5_9102028_x1.....ugguucucNcccaacagauccgggu..... 1
 Gi3_28379045_x1.....cggcgguaguauaacggcCagaau..... 1
 Gi5_9134259_x1.....guucucacccaacagaGccgg..... 1
 Gi2_11000590_x1.....gauuAccggcgccggagc..... 1
 Gi5_9097006_x1.....gguucgUuucccggcgcgga..... 1
 Gi2_11394100_x1.....cggcgguaguauaacggcuaAaau..... 1
 G1a_6151198_x1.....gguucgauuUccggcgccggagc..... 1
 Gi2_11267230_x1.....cggcUuaguauaacggcuag..... 1
 Gi3_28803494_x1.....gauccggguucgauucAc..... 1
 Gi3_28482553_x1.....Ccaccaacagauccggguuc..... 1
 Gi3_28681081_x1.....caacagauccggguucgGuucccggcgcg..... 1
 Gi4_583078_x1.....uccggcgguaguauaacggcuaAaa..... 1
 Gi3_28983925_x1.....agaucggAuucgauucccggcgcgagc..... 1
 Gi2_11082774_x1.....guuGgauucccggcgcgag..... 1
 Gi5_8832448_x1.....guucucacccaacagauccAg..... 1
 Gi3_28554672_x1.....guucucacccaacagGuccgg..... 1
 Gi3_28519263_x1.....cagauccggguucgauucccggcAccgg..... 1
 Gi1_4190703_x1.....agaucggguucgauuAcc..... 1
 Gi5_8855745_x1.....ugguucucacccaGcagauccgg..... 1
 Gi4_579019_x1.....gGucgauucccggcgcgagc..... 1
 Gi3_28782586_x1.....guucgaAucccggcgcgag..... 1
 Gi2_11001856_x1.....guucGcaccaacagauccg..... 1
 Gi3_28654841_x1.....guucucacccaCagauccgg..... 1
 Gi3_28890204_x1.....ucAgggguucgauucccggcgcgga..... 1
 Gi2_11037431_x1.....agaucggguucgCuucc..... 1
 Gi5_8913613_x1.....cacccaGcagauccggguucga..... 1
 Gi5_8859996_x1.....uucucacccaacagauccgggAu..... 1

Gi1a_6058608_x1	ucucacccaacagauUg	1
Gi5_8923941_x1	cucacAcaacagauccgg	1
Gi3_28647113_x1	ggguucgauucccgccgUcgga	1
Gi1a_6297142_x1	ucUggcguaguauaacggcuagaau	1
Gi2_11258334_x1	cccaacagauGcggguuc	1
Gi5_8923861_x1	guucAcaccaacagauccgg	1
Gi5_9051740_x1	uucgauucccgUgcccg	1
Gi3_28625165_x1	cucacccaacagauUcgg	1
Gi2_11059354_x1	gguucgaAuuccggcgcc	1
Gi1_4321648_x1	caccaacagauccggguucgCuuccc	1
Gi2_11246227_x1	gguNcgauucccgccg	1
Gi3_28725258_x1	cucacccaNcagauccggguucgauucc	1
Gi5_8878519_x1	uucAcaccaacagauccggguu	1
Gi3_28423118_x1	guucucacGcaacagauccggg	1
Gi5_8862420_x1	uCGuucucaccaacagauccgggu	1
Gi3_28459116_x1	uucNauucccgccg	1
Gi3_28328436_x1	cGcccaacagauccggguuc	1
Gi5_8906643_x1	gauccggguucgCuucccgccgga	1
Gi5_9032219_x1	uccggcguaguaGaacggc	1
Gi3_28400846_x1	guucucacccGacagauccgg	1
Gi4_570399_x1	uccggcguaguauaGcggc	1
Gi2_11225737_x1	uccUgcguaguauaacggcuagaau	1
Gi3_28659909_x1	uucgauucNcggcgccg	1
Gi5_9098234_x1	ugguucucaccaacGgauccgg	1
Gi1_4221503_x1	agauccggguucgauucccgccgagc	0
Gi5_8977196_x1	cggcguaguauaacUgcua	1
Gi2_11061751_x1	cGggcguaguauaacggcua	1
Gi5_8958892_x1	ucgGuucccgccgag	1
Gi5_8965334_x1	gguucgauUccggcgccgagcguu	1
Gi3_28606103_x1	Gcaacagauccggguucgauucccgccgagc	1
Gi5_9126998_x1	ggcguaguGuaacggcuaga	1
Gi3_28809061_x1	Cguucucaccaacagauccgggu	1
Gi2_11025721_x1	guucucaccaCcagauccgg	1
Gi4_570229_x1	uccgAcguaguauaacggcuaga	1
Gi2_11358108_x1	agauccggguucgGuucc	1
Gi2_11133795_x1	gauucAcggcgccgagc	1
Gi2_11400291_x1	uccgggCucgauucccgccgga	1
Gi3_28304608_x1	Cgguucucaccaacagauccggguucga	1
Gi3_28686905_x1	uucgauuccggcAccgg	1
Gi2_11077775_x1	uucucaccaGcagauccgg	1
Gi5_9087436_x1	auuccggcgccgagcga	1
Gi5_8938454_x1	gguucucaccaacagCuccggguu	1
Gi1_4269386_x1	ugguucucaccaacagauccCg	1
Gi2_11068295_x1	guucucaccaacagauUcg	1
Gi1_4308627_x1	guucgauucccgGgccg	1
Gi2_11235221_x1	Gccggcguaguauaacggcuagaugguugg	1
Gi5_9022843_x1	cccaacagauccAgguuc	1

Gi5_8877369_x1.....guucgauucccgcgccgU..... 1
 Gi5_9045446_x1.....gguucucaccaacaUaucg..... 1
 Gi3_28509361_x1.....gCucgauucccgcgccggagcg..... 1
 Gi2_11343980_x1.....uccNgcguaguauaacggcua..... 1
 Gi4_579821_x1.....uccggcgCaguauaacggcuaga..... 1
 Gi5_9047439_x1.....cggcguaguauaacggcuGgaau..... 1
 Gi5_9089016_x1.....guucucCcccaacagauccgg..... 1
 Gi5_8916660_x1.....uucucacccCacagauccgg..... 1
 Gi3_28481643_x1.....Cccggguucgauucccgcgccgga..... 1
 Gi5_8940859_x1.....gaGucccggcgccggagc..... 1
 Gl1a_6084214_x1.....gguucgauucccgcgUcggag..... 1
 Gi3_28793977_x1.....ggcguaguauaGcggcuaga..... 1
 Gi4_591882_x1.....uccggUguaguauaacggcuagaau..... 1
 Gi2_11236505_x1.....ugguucucUcccaacagauccg..... 1
 Gi3_28514188_x1.....ucGcacccaacagauccgg..... 1
 Gi1_4172506_x1.....uccggcAuaguauaacggcuagaa..... 1
 Gi1_4193613_x1.....gguucgauucccgcgccgAagc..... 1
 Gi5_8981188_x1.....guucgauuGcccggcgccggagc..... 1
 Gi5_9011185_x1.....ucgauCcccggcgccggagc..... 1
 Gi5_9100445_x1.....ucucacccCacagauccg..... 1
 Gi5_8936367_x1.....guucucacGcaacagauccg..... 1
 Gi5_9021916_x1.....guucucCcccaacagauccg..... 1
 Gi1_4250698_x1.....cagauccggguucgauucccgcgAc..... 1
 Gi3_28770490_x1.....guucgauucccgcgGggag..... 1
 Gi2_11154898_x1.....cggcguGguauaacggcuaga..... 1
 Gi5_8916664_x1.....cacccaacagauccAgguucga..... 1
 Gl1a_6053965_x1.....gguucgGuucccgcgccgg..... 1
 Gi4_593467_x1.....uccggcguaguauaacggcuagaG..... 1
 Gi3_28525479_x1.....aGcagauccggguucgauucc..... 1
 Gi3_28699645_x1.....Agcguaguauaacggcuaga..... 1
 Gi2_11054287_x1.....gguucgauucccgUcggcg..... 1
 Gi2_11159583_x1.....uccggcguaguauaacgCc..... 1
 Gi1_4297345_x1.....uucgauucccgcgccggGgc..... 1
 Gi4_597091_x1.....uGcucaccaacagauccgg..... 1
 Gi5_8870495_x1.....guucucaccGaacagauccgg..... 1
 Gi3_28460388_x1.....ugguucucaccaacaAaucg..... 1
 Gi2_11212311_x1.....gguucgauuccGggcgccggag..... 1
 Gi3_28297674_x1.....guNcgauucccgcgccgg..... 1
 Gi3_28845590_x1.....ggguuUgauucccgcgccg..... 1
 Gi2_11125660_x1.....Ngguuucucaccaacagaucc..... 1
 Gi3_28369503_x1.....aucggguucgauucccgUccgga..... 1
 Gi2_11291313_x1.....gguucgauucccgCccgga..... 1
 Gl1a_6341186_x1.....uccggcguaguauaacggcCagaau..... 1
 Gi5_9135834_x1.....guucgauuGccggcgccgga..... 1
 Gi1_4205118_x1.....guucgauucccgUcggcgagc..... 1
 Gi1_4211252_x1.....gUguucgauucccgcgccgga..... 1
 Gi1_4339288_x1.....uccgAcguaguauaacggc..... 1

Gi3_28577856_x1	.....ggNucucacccaacagauccg	1
Gi3_28561027_x1	.....cggcguagCauaacggcuaga	1
Gi3_28751554_x1	.....Acgauucccgccgagc	1
Gi5_9129558_x1	.....gguucgaGucccgccgga	1
Gi1_4217158_x1	.....cucacccaacagauccggguucAa	1
Gi3_28519252_x1	.....cucacccaNcagauccggguucgauu	1
Gi2_11348783_x1	.....guucucacccaacagCuccg	1
Gi1_4354556_x1	.....gguucucaGccaacagauccgg	1
Gi5_8862355_x1	.....guucucacccaacaAauccgg	1
Gi3_28955418_x1	.....gauuAccggccgagc	1
Gi2_11360205_x1	.....cgauucccgccgUggagcguu	1
Gi1_4319846_x1	.....ucucacccaacagaCccg	1
Gi3_28934251_x1	.....uccggcgaguUuaacggcuagaau	1
Gi5_9044427_x1	.....ucucacGcaacagauccgggu	1
Gi5_8875925_x1	.....Cucgauucccgccgag	1
Gi5_8911403_x1	.....uccggcgGaguauaacggc	1
Gi5_8979444_x1	.....Cucgauucccgccg	1
Gi1_4369953_x1	.....gguucgauuccAggcgagc	1
Gi5_8860021_x1	.....ggcguaguauaaUggcuag	1
Gi5_8866573_x1	.....ugguucAcacccaacagauccg	1
Gi3_28695765_x1	.....uccggcgaguauaacgUcua	1
Gi1_4368785_x1	.....uucucacccaacagUuccggguucgau	1
Gi5_9127215_x1	.....gguucUauucccgccg	1
Gi2_11039943_x1	.....guucgauuccUgccc	1
Gi5_9017324_x1	.....cacccaaUagauccggguucga	1
Gi5_9068649_x1	.....gguucgauucGcggccgagc	1
Gi5_8985932_x1	.....uccggcgCaguauaacggcu	1
Gi1_4275504_x1	.....gguucgauucccgAcgcc	1
Gi2_11223709_x1	.....ucgauUccggccgag	1
Gi2_11311502_x1	.....uccggguucgCuucccgccgga	1
Gi3_28381292_x1	.....gguucucacccGacagaucc	1
Gi3_28435059_x1	.....ugguucucacccaGcagauc	1
Gi2_11354062_x1	.....uccggcgaguauaacgU	1
Gi1_4174174_x1	.....caacagUuccggguucgauucccgcc	1
Gi1_4204272_x1	.....ugguucucacUcaacagauccg	1
Gi5_8837373_x1	.....Nuucgauucccgccg	1
Gi5_8846646_x1	.....aguccggcNuaguauaacggcuagaugg	1
Gi1_4349061_x1	.....Gcagauccggguucgauucc	1
Gi3_28664228_x1	.....ggcguaguauaCcgcuaga	1
Gi3_28473247_x1	.....uUcggguucgauucccgccg	1
Gi3_28987072_x1	.....aaUagauccggguucgauucc	1
Gi3_28543581_x1	.....caacGgauccggguucga	1
Gi5_8850989_x1	.....gguucgauucccgccgUggag	1
Gl1_6264563_x1	.....guucucacccaacUgauccg	1
Gi3_28612011_x1	.....guucAcacccaacagauccgggu	1
Gi3_28325726_x1	.....uccggcgaguCuaacggcuaga	1
Gi3_28520908_x1	.....ccggcgaguauaaUggcuaga	1

Gi2_11191680_x1	.....cggcgguaguauaaUggcua	.....	1
Gi3_28709885_x1	.....	.....guucgauuGccggcgccggagc	1
Gi3_28652401_x1	.....	.....ucgauucccgcgccggagA	1
Gi2_11168016_x1	.....cggcgguGguauaacggc	.....	1
Gi3_28557748_x1	.....uccggcgGaguauaacggcuag	.....	1
Gi2_11268373_x1	.....	.....ucgauucccgcgccgggaAc	1
Gi5_8892886_x1	.....uccggcgguaguauaacggcuagaaAg	.....	1
Gi2_11031964_x1	.....	.....gguucgauucccgCcgccgg	1
Gi5_9116538_x1	.....	.....ucucacccaacagauAcg	1
Gi3_28621345_x1	.....	.....gguucucacccaacagauUgggu	1
Gi1_4327807_x1	.....	.....ucaNccaacagauccgggu	1
Gi3_28296806_x1	.....	.....guAcucacccaacagauccggg	1
Gi3_28963190_x1	.....	.....cucacccaacGgauccgg	1
Gi5_8977588_x1	.....	.....uucucacccaacagauccC	1
Gi3_28632935_x1	.....	.....ucaccUaacagauccggguuc	1
Gi3_28970858_x1	.....	.....ucgauucccgcgcgUgga	1
Gi3_28609217_x1	.....	.....uucucacccaacagauccggguuA	1
Gi3_28434038_x1	.....	.....cucacccaacagauccAg	1
Gi5_8840844_x1	.....uccggcgguaguauUacggc	.....	1
Gi5_9007798_x1	.....	.....ucGcacccaacagauccgg	1
Gi1_4371333_x1	.....	.....uucgauuccUggcgccggagc	1
Gi5_8960424_x1	.....	.....gguucgauucAcggcgcc	1
Gi5_8878632_x1	.....	.....cucacccaacaAaucgg	1
Gi1_4295209_x1	.....	.....gguGcgauucccgcgccgg	1
Gi3_28360332_x1	.....	.....ugguucucacccaacagauccGg	1
Gi3_28346336_x1	.....	.....guucucacccaUcagauccgg	1
Gi3_28763703_x1	.....Nccggcgguaguauaacggc	.....	1
Gi3_28839168_x1	.....	.....guucucUcccaacagauccggg	1
Gi3_28766511_x1	.....cggcgguaguCuaacggc	.....	1
Gi3_28828962_x1	.....uccggUguaguauaacggcu	.....	1
Gi3_28398881_x1	.....	.....ucacccaacagauccggguCc	1
Gi5_8923742_x1	.....cggcgCaguauaacggcuag	.....	1
Gi1_4266472_x1	.....	.....ucgaGuuccggcgccggagc	1
Gi2_11101619_x1	.....cggcgguagCauaacggcua	.....	1
Gi4_596185_x1	.....	.....ucgauucccgcgccggagcC	1
Gi5_8887714_x1	.....uccggcgguaguauaacUg	.....	1
Gi3_28765865_x1	.....	.....gauucccgUcgccggagc	1
Gi5_8983424_x1	.....ggcgguaguauaacggcGag	.....	1
Gi2_11019638_x1	.....uccCgcuaguauaacggcua	.....	1
Gi2_11234424_x1	.....ggcgguaguauaacAgcuaga	.....	1
Gi2_11085936_x1	.....cggGguaguauaacggcua	.....	1
Gi5_9062397_x1	.....	.....ucgauucccgUgcccggag	1
Gi1_4278122_x1	.....uccggcgguaguauUacggc	.....	1
Gi1_4218397_x1	.....	.....uccggguucgauGcccggcgccgga	1
Gi2_11000175_x1	.....	.....gguucUauucccgcgccggag	1
Gi1_4390598_x1	.....	.....guucgauGcccggcgccgg	1
Gi3_28865077_x1	.....	.....agaucgggAucgauucc	1

Gi5_8851989_x1	.....uucucGcccaacagauccgg	1
Gi1_4320232_x1	.....uccggcguaguauGacggc	1
Gi5_9077938_x1	.....gauucccgcgccggagcCu	1
Gi1_4323646_x1	.....Nuucgauucccgcgccgga	1
Gi1a_6037754_x1	.....gguucgauucccgcgccgAag	1
Gi3_28362998_x1	.....uccCgCGuaguauaacggcuagaau	1
Gi5_9092859_x1	.....uccggcguaguauaacgCcu	1
Gi1a_6246781_x1	.....uUcggcguaguauaacggcua	1
Gi2_11172346_x1	.....uccggcguaguauaacggcuaUaau	1
Gi1_4324299_x1	.....ggcguaguauaacggUua	1
Gi3_28628149_x1	.....gUuucgauucccgcgccggagcg	1
Gi3_28707866_x1	.....gguucucacccaaUagauccgg	1
Gi5_8977507_x1	.....gguucucacccGacagauccggguu	1
Gi5_8948110_x1	.....Agcguaguauaacggcuagaau	1
Gi2_11114347_x1	.....cCauucccgcgccggagcguuu	1
Gi3_28828058_x1	.....uccggcguaguauaacgUcuagaa	1
Gi2_11198248_x1	.....uucucacccaaAagauccg	1
Gi3_28399980_x1	.....guucgauucccCgCGccggag	1
Gi5_8953659_x1	.....guucgauucccUcgccgga	1
Gi5_8990706_x1	.....ucucacccaacUgauccg	1
Gi1_4179955_x1	.....gguucgauucccgcgcgUg	1
Gi2_11197936_x1	.....ugguucucacccaacagauUc	1
Gi5_9124154_x1	.....guuAgauucccgcgccgga	1
Gi4_574850_x1	.....guucgGuucccgcgccgga	1
Gi5_8991770_x1	.....cggcguaguauaCggcguagaau	1
Gi5_8956080_x1	.....gguucgauucccgGcCcgga	1
Gi5_8857061_x1	.....guucgauucccgcgccgGg	1
Gi2_11123658_x1	.....uccggcguCguauaacgg	1
Gi3_28772532_x1	.....uccggcguaguauaUcggcuagaa	1
Gi1a_6300659_x1	.....uGcggcguaguauaacggc	1
Gi1a_6006925_x1	.....ugguucucacccaacagauccA	1
Gi5_8904963_x1	.....cgauucccgcgccggagcg	0
Gi2_11144500_x1	.....guucgauucccgGgccggag	1
Gi4_583265_x1	.....guucgauucUcggcgcgga	1
Gi2_11199524_x1	.....Gggguucgauucccgcgccgga	1
Gi5_8868571_x1	.....guuNgauucccgcgccgga	1
Gi3_28872991_x1	.....guucgauucccgGcUccgga	1
Gi1a_6333977_x1	.....uCcucacccaacagauccgg	1
Gi3_28616852_x1	.....guCcucacccaacagauccgggu	1
Gi2_11226612_x1	.....uccggcguaguauaacCgcuag	1
Gi5_9100425_x1	.....cggcguaguauaacGcuaga	1
Gi2_11386878_x1	.....guucgauucGcggcgccg	1
Gi5_8907107_x1	.....gguuAgauucccgcgccg	1
Gi5_9029503_x1	.....ucGggcguaguauaacggcua	1
Gi1a_6345276_x1	.....ugguucucacccaacagGuccg	1
Gi3_28906139_x1	.....ucucacccaacagGuccgg	1
Gi3_28462880_x1	.....uugguucucacccaacagCucc	1

Gi2_11274935_x1	uccggcgAaguauaacggcua	1
Gi1_4329538_x1	guucgauuccAggcgccg	1
Gi2_11368469_x1	gguucucaccAaacagaucgg	1
Gi5_9108440_x1	uccggcguNguauaacggcu	1
Gi5_9003046_x1	guucgauucccgccUga	1
Gi2_11088396_x1	uccggcgCaguauaacggcuagaa	1
Gi3_28968747_x1	Nucucacccaacagauccgg	1
Gi5_8968009_x1	uccgauucccgccAccgga	1
Gi1_4197538_x1	cgcgguaguauaacggcuagaa	0
Gi3_28980890_x1	agGuccggguucgauucc	1
Gi2_11195649_x1	uccggcguaCuauaacgg	1
Gi3_28573501_x1	ucacccaGcagauccggguuc	1
Gi5_8988570_x1	uccCgcguaguauaacggcuag	1
Gi2_11137772_x1	uccgCcgguaguauaacggcuag	1
Gi2_11349207_x1	Uggcguaguauaacggcua	1
Gi3_28394896_x1	uccgauucccUgcgccgga	1
Gi2_10994031_x1	gguucgauucccgccAgg	1
Gi2_11064202_x1	uccggcguaguauaacgCcuaga	1
Gi4_609235_x1	Gcgauucccgccggagc	1
Gi3_28665053_x1	agauccggguucgauuAcc	1
Gi1_4223722_x1	ggcAuaguauaacggcuag	1
G1a_6079268_x1	gguucgauuAccggccggagc	1
Gi3_28926284_x1	uccggcguaUuauaacggcuagaau	1
Gi1_4225630_x1	uccggcguaguUuaaacggcua	1
Gi3_28709223_x1	Accgauucccgccggag	1
Gi4_569785_x1	cCacccaacagauccggguucg	1
Gi1_4172732_x1	Ucagauccggguucgauucc	1
G1a_6159216_x1	gguucgauuccAgccgccgga	1
Gi5_9012390_x1	gguucgauucccgccUggagcguu	1
Gi5_8978051_x1	ugguuUucacccaacagauccgggu	1
Gi1_4390133_x1	guucucUcccaacagauccg	1
Gi2_11098528_x1	uccggcguaguauaacgUcuaga	1
Gi1_4333951_x1	gAucgauucccgccgccg	1
Gi3_28659346_x1	guGcucacccaacagauccggg	1
Gi3_28334480_x1	Uguccggcguaguauaac	1
G1a_6021407_x1	gguucgauucccgccggagU	1
Gi2_11162569_x1	uccggcguaguauaaAggc	1
G1a_6138379_x1	uccggcguaguauGacggcuag	1
Gi4_598390_x1	gguucgauucccgGgccgg	1
Gi2_11271529_x1	cagauccggguucgCuucccgccggag	1
Gi1_4373086_x1	guugguucaccccGacagauccgggu	1
Gi2_11362987_x1	gguucgauucccCgcccc	1
Gi3_28845642_x1	agaucAgggguucgauucc	1
G1a_6343388_x1	gguucUauucccgccgccg	1
Gi5_8841715_x1	Accaacagauccggguucgauucc	1
Gi1_4207462_x1	uccgauucccgccggagcCu	1
Gi1_4278303_x1	ugguucucacGcaacagauccgg	1

Gi2_11036483_x1	.....gguucucacccaacaCaucgg.....	1
Gi2_11266359_x1	.....cgauucccgggcgccggagcCu.....	1
Gi2_11258655_x1	.....uccgAcguaguauaacggcuagaau.....	1
Gi2_11287437_x1	.....gaucggguucgauuccggcgccgga.....	0
Gi3_28323193_x1	.....Caucggguucgauucc.....	1
Gi3_28623379_x1	.....gGucucacccaacagauccggguucga.....	1
Gi3_28745510_x1	.....gguucucacccaacagauccAg.....	1
Gi5_9027678_x1	.....accaacagauccggAuucgauucc.....	1
Gi5_8985532_x1	.....uucucacccaacagauccU.....	1
Gi5_8957526_x1	.....aacagauccggAuucgauuccggcgccggagc.....	1
Gi5_8974330_x1	.....guucucGcccaacagauccgg.....	1
Gi3_28369938_x1	.....gaucUggguucgauucc.....	1
Gi1_4380831_x1	.....guucCauuccggcgccgga.....	1
Gi3_28671000_x1	.....gguucgauuccggcgccggagcG.....	1
Gi3_28500724_x1	.....guucucacccaacagauccggA.....	1
Gi2_11099575_x1	.....guucgauuccAggcgccg.....	1
Gi3_28647909_x1	.....Cguucucacccaacagaucc.....	1
Gi3_28539468_x1	.....guucucacGcaacagauccgggu.....	1
Gi1_4334700_x1	.....uucucUcccaacagauccggguucgau.....	1
Gi5_8851360_x1	.....ugguucucacccaacagauAcgggu.....	1
Gi5_9013177_x1	.....uccggcguaguauaacggcuagaaCgguu.....	1
Gi4_575202_x1	.....cgauuccggcgccggagcC.....	1
Gi5_9021819_x1	.....ugguucucacccaacagauCgg.....	1
Gi1a_6355749_x1	.....guucgauAcccgcgccggagc.....	1
Gi1a_6236295_x1	.....uccggcguaCuuaaacggcuagaa.....	1
Gi5_9124832_x1	.....gguucgauuccggGgcccggagc.....	1
Gi1_4262085_x1	.....uccggcguaguauaacggcuac.....	1
Gi5_8941978_x1	.....aguccggcguaguauGacggcuagaauagg.....	1
Gi1_4289002_x1	.....cucacccaacagauCggg.....	1
Gi2_11012929_x1	.....guAcgauuccggcgccg.....	1
Gi5_8871044_x1	.....gguucucaUccaacagauccgg.....	1
Gi1_4209480_x1	.....uccggcgCaguauaacggcuagaau.....	1
Gi5_8970092_x1	.....uucgauuccggcgUgg.....	1
Gi3_28844265_x1	.....ccUgcguaguauaacggcuaga.....	1
Gi3_28580361_x1	.....ucgauuccggcgccggagcA.....	1
Gi5_8941816_x1	.....gguucUauuccggcgccg.....	1
Gi1_4352042_x1	.....uccggcguaguauaacggcuagUa.....	1
Gi2_11090457_x1	.....uucucacUcaacagauccggguucg.....	1
Gi3_28864523_x1	.....ucgauuccggAgccgga.....	1
Gi5_8867078_x1	.....cccGacagauccggguuc.....	1
Gi5_8985862_x1	.....ccggcguaguauaacAgcua.....	1
Gi3_28309903_x1	.....gAucucacccaacagauccgg.....	1
Gi3_28339002_x1	.....ccggUguaguauaacggcu.....	1
Gi2_11330095_x1	.....gguGcgauuccggcgccgga.....	1
Gi1a_6320710_x1	.....guAcgauuccggcgccg.....	1
Gi5_9023441_x1	.....uccggcguaguauaacgUcuaga.....	1
Gi1_4195597_x1	.....cUuaguauaacggcuagaau.....	1

Gi2_11281917_x1	.....gUcguaguauaacggcuaga	.....	1
Gi2_11002167_x1	.....ugguucucacAcaacagauccg	.....	1
Gi5_9098832_x1	.....uucucacccaaUagauccggguuc	.....	1
Gi3_28621467_x1	.....uccggcgAaguauaacggc	.....	1
Gi1_4253110_x1	.....guucAauucccggcgccggagc	.....	1
Gi1_4179217_x1	.....agauccggguCcgauucc	.....	1
Gi5_8893376_x1	.....gguuGgauucccggcgccggag	.....	1
Gi5_9092731_x1	.....gguucucaccAaacagaucc	.....	1
Gi2_11013224_x1	.....uggGucucacccaacagauccg	.....	1
Gi3_28908699_x1	.....Ncucacccaacagauccgg	.....	1
Gi3_28365432_x1	.....ugguucuAacccaacagauccg	.....	1
Gi2_11157230_x1	.....ugguucucacccaacaAauccg	.....	1
Gi5_8876262_x1	.....ugguucucaccccUacagauccgggu	.....	1
Gi4_585503_x1	.....uugguucucUcccaacaga	.....	1
Gi3_28507220_x1	.....uccggcgaguauaacggcuaUaaugguuggu	.....	1
Gi3_28977093_x1	.....gguucucacccaacagUuccg	.....	1
Gi5_9048020_x1	.....gguucgauucccgUcgcgccgagc	.....	1
Gi3_28868060_x1	.....cagaGccggguucgauucc	.....	1
Gi3_28962402_x1	.....ucgauucccggcgccggCg	.....	1
Gi1_4231263_x1	.....uuNucacccaacagauccg	.....	1
Gi1_4244347_x1	.....Uauucccggcgccggagc	.....	1
Gi5_9107706_x1	.....guucgauuccGggcgccgga	.....	1
Gi3_28296388_x1	.....guucuAacccaacagauccg	.....	1
Gi3_28630962_x1	.....Nuucgauucccggcgccgg	.....	1
Gi5_8985112_x1	.....ucgauucccgAgccggag	.....	1
Gl1a_6295680_x1	.....uucgauucccggcgccggagcCu	.....	1
Gi2_11328054_x1	.....uccNgcguaguauaacggcuag	.....	1
Gi2_11395991_x1	.....ucgauucccgUgccggag	.....	1
Gi5_8968028_x1	.....gguucgauuccGggcgccggagc	.....	1
Gi5_9020591_x1	.....acagauccgAguucgauucccgcg	.....	1
Gi5_9079014_x1	.....ccggcgaguauaacggUuag	.....	1
Gl1a_6065574_x1	.....uccgUcguaguauaacgg	.....	1
Gi1_4248327_x1	.....uccggUguaguauaacggcu	.....	1
Gi3_28577158_x1	.....Cuucucacccaacagauccgggu	.....	1
Gi1_4197881_x1	.....uccUgcguaguauaacggcua	.....	1
Gi5_9071985_x1	.....ucucacccaacagauGcgggu	.....	1
Gi1_4186427_x1	.....guucAauucccggcgccggag	.....	1
Gi3_28728018_x1	.....ggguucgauucAcggcgccggagc	.....	1
Gl1a_6024901_x1	.....gguucgauuAccggcgccggag	.....	1
Gi2_11360589_x1	.....ugguucucacccaacagaAccg	.....	1
Gi2_11361035_x1	.....guucgauuGccggcgccg	.....	1
Gi1_4313092_x1	.....gguucgauucccAgcgcgccggag	.....	1
Gi5_8962046_x1	.....Cgguucucacccaacagauccgggu	.....	1
Gi5_8977529_x1	.....gguucgauuUccggcgcc	.....	1
Gi2_11299054_x1	.....ucgauuAccggcgccggagc	.....	1
Gi3_28595032_x1	.....cggcguagNauaacggcuagaau	.....	1
Gi3_28748580_x1	.....cgauucccggcgccggagU	.....	1

Gi5_9011958_x1	.....aacagauccggguucgauucccgcgccgg	0
Gi5_8978627_x1	.....gguucucaccaacagauGcg	1
Gi5_8864055_x1	.....cgcgguaguauaacGcuag	1
Gi5_9111668_x1	.....uugguucucacccaaUagauccg	1
Gi5_9021917_x1	.....uucucacccGacagauccggguu	1
Gi1_4236220_x1	.....uccggGguaguauaacggcuag	1
Gi2_11141503_x1	.....uucucacccaacagauUcgg	1
Gi3_28458350_x1	.....guucgauucccggcUccggag	1
Gi5_9078060_x1	.....uccggcguaguauaacggUu	1
Gi3_28678017_x1	.....ggguucgauucccgcgccAgagc	1
Gi1_4216481_x1	.....uNcggcguaguauaacgg	1
Gi3_28317217_x1	.....gguucucacccaacagauccC	1
Gi3_28524515_x1	.....uccggguucUauucccgcgccgga	1
Gi5_8833405_x1	.....ugguucucacccaacagauUgggu	1
Gi3_28792058_x1	.....guucgaAucccgcgccg	1
Gi1_4258694_x1	.....ugguucucacccaacagUuccg	1
Gi5_9131644_x1	.....aguccggcguaguauaCcggu	1
Gi3_28366366_x1	.....uccggcgGaguauaacggcuagaa	1
Gi2_11361367_x1	.....uccUgcguaguauaacggc	1
Gi1_4360605_x1	.....uccggcguauauaacggcuagaau	1
Gi5_8911690_x1	.....caacagauccggguucgauucccgcgccgg	0
Gl1a_6005304_x1	.....uucgauuccUggcgccggagc	1
Gi4_592464_x1	.....guucgauucccgcgccgA	1
Gi2_11095148_x1	.....ggcguaguauaacggcuagaau	0
Gi5_8920249_x1	.....gguucgauucccggcCccggagc	1
Gi1_4374646_x1	.....ugguucucacccaacagauUcgg	1
Gi5_8997089_x1	.....ccggguucgGuucccgcgccgga	1
Gi5_9114652_x1	.....uccggcguUguauaacgg	1
Gi5_8991135_x1	.....ccggUguaguauaacggcuaga	1
Gi1_4311204_x1	.....gguAcucacccaacagauccg	1
Gi5_8908215_x1	.....gguucgUuucccgcgccg	1
Gl1a_6174982_x1	.....gguucgauucccCgcgccggag	1
Gi1_4206857_x1	.....uucgauucccgGgcccgg	1
Gl1a_6169655_x1	.....ucucacccaacagauAcg	1
Gi1_4171949_x1	.....uucgauucccgAcgcccgg	1
Gi5_8831624_x1	.....gguucuAaccaacagaucc	1
Gi1_4352148_x1	.....gguucgauCcccggcgccg	1
Gi3_28281105_x1	.....cucacccaacagauccAgguucgauu	1
Gi5_8935009_x1	.....uucucacccaacagaCccggguuc	1
Gi5_9070424_x1	.....uccggcguaguauaacUgc	1
Gi5_8865448_x1	.....uccggguucgauuAccggc	1
Gi3_28494870_x1	.....ggguucgauucccgcgccggGgc	1
Gi2_11014586_x1	.....uccggcguauauaacggcuag	1
Gi1_4337569_x1	.....uccggcguagGauaacgg	1
Gi3_28725190_x1	.....guucgauuGccggcgccg	1
Gi2_11252299_x1	.....aguccggcguUguauaacgg	1
Gi2_11267262_x1	.....Accggcguaguauaacgg	1

Gi2_11226846_x1	ucNggcguaguauaacgg		1
Gi5_9118019_x1		uccggguucgauucccgA	1
Gi1_4264100_x1		aacagauccggguucgauuccAgcgccg	1
Gi5_9076870_x1		uucgauucccgcgccgC	1
Gi3_28281794_x1		ggguucgauuccUggcgccgga	1
Gi2_11057050_x1	gcuaguaNaacggcuagaa		1
Gi3_28911893_x1		guucucacUcaacagauccgggu	1
Gi3_28565650_x1		caacagauccggguucgauCccc	1
Gi1a_6303005_x1	uccggcguaguauaacggcuUga		1
Gi5_8988332_x1	ggcguaguNuaacggcua		1
Gi5_8909169_x1		gauucccgcgccgAagc	1
Gi2_11279226_x1		cgauuccAgcgccggagcguu	1
Gi2_11228306_x1		ucAauuccggcgccggag	1
Gi1_4205937_x1	ccggcguaguauaaAggcua		1
Gi3_28344790_x1	uccggcguaguauaaGggcuagaa		1
Gi1_4349058_x1		guucgGuucccgcgccggag	1
Gi1_4367466_x1		accaacaAauccggguucgauucc	1
Gi2_11384950_x1		agaCccggguucgauucc	1
Gi5_9035748_x1		gNuucgauucccgcgccggagc	1
Gi4_582105_x1	uccggcguaguauaacggcuCga		1
Gi2_11089352_x1		Cauuccggcgccggagc	1
Gi2_11179071_x1	uccggcguaguauaacggcuUgaa		1
Gi1_4201107_x1		guucgauucUcgcgccggagc	1
Gi4_606205_x1		guucgauucccgcgAgg	1
Gi2_11317674_x1		guucucaccAaacagauccgggu	1
Gi1_4198238_x1		uucucaccaacagauccggU	1
Gi3_28701100_x1		ugguucucCcccaacagaucc	1
Gi3_28812310_x1		gguucucaccaacagauccGg	1
Gi1_4360278_x1	uccggcguUguauaacggc		1
Gi3_28789032_x1		ucucaccaUcagauccgg	1
Gi5_8992771_x1	uccggAguaguauaacggcuagaa		1
Gi3_28333127_x1		Ucagauccggguucgauucc	1
Gi1_4314438_x1		guucucaccaacaAauccgg	1
Gi3_28565667_x1		auucccgcgccggagcCu	1
Gi2_11374572_x1	uccggcCuaguauaacggc		1
Gi1_4304370_x1	uccggcguaguauaacgU		1
Gi3_28313959_x1		gguCcucaccaacagauccgg	1
Gi3_28323628_x1	uccggcguaguauaaGggcuag		1
Gi3_28466710_x1		Nguucgauuccggcgccg	1
Gi1a_6056374_x1	Cccggcguaguauaacggcuaga		1
Gi4_612542_x1		gauucccgcgccggagc	0
Gi3_28449308_x1		uucgaCuccggcgccgga	1
Gi3_28984545_x1		ucaccaacagauccgAguuc	1
Gi2_11218958_x1		gauucccgcgAccggagc	1
Gi5_8872085_x1		gguucgauucccgUcgccggag	1
Gi1a_5987938_x1	uccggcguCguauaacggcuagaa		1
Gi5_9064949_x1	uccUgcguaguauaacggc		1

Gi2_11309983_x1	.....Ugauucccgcgccggagc	1
Gi3_28742472_x1	.....gauuccGggcgccggagc	1
Gl1a_6252954_x1	.....uucCcacccaacagauccg	1
Gi5_8849782_x1	.....gguucgauucccgcgccggGgCGuuu	1
Gi5_9051916_x1	.....guNcgauucccgcgccggagc	1
Gi1_4234736_x1	.....gguucgauucccgcgccgCagc	1
Gi2_11387804_x1	.....gaCucccgcgccggagc	1
Gi3_28831761_x1	.....Aauccggguucgauucccgcgccgga	1
Gi2_11356626_x1	.....cggUguaguauaacggcua	1
Gi5_9066233_x1	.....uccggcguaguauaacggcuaUa	1
Gi3_28534528_x1	.....aUagauccggguucgauu	1
Gi3_28824909_x1	.....uccggcguaguUuaacggcuag	1
Gi4_571453_x1	.....uccggcguaguauaacggAuagaau	1
Gl1a_6057563_x1	.....uccggcguaguauaaUggcuagaau	1
Gi1_4280852_x1	.....uccggguucgaCucccgcgccgga	1
Gi3_28914095_x1	.....guucucacccUacagauccgg	1
Gl1a_6046161_x1	.....uccggcguaguauCacggc	1
Gi3_28457208_x1	.....gguucucacccGacagauccgggu	1
Gi1_4301381_x1	.....guucgauucccgcgccggaCc	1
Gi3_28547559_x1	.....gguucucacccaacaCaucc	1
Gi2_11061510_x1	.....ucUggcguaguauaacggcu	1
Gl1a_6344008_x1	.....gguucgauucccgcgccA	1
Gi2_11248818_x1	.....aacUgauccggguucgauucccgcgccg	1
Gi3_28690276_x1	.....uccNgcguaguauaacggcuagaau	1
Gi5_9073696_x1	.....uccgCcgguaguauaacggcuag	1
Gi2_11075509_x1	.....uucgaAucccgcgccggag	1
Gl1a_6020122_x1	.....uccggcguaguauaacgCcuag	1
Gi1_4167359_x1	.....gUguucgauucccgcgccgg	1
Gi4_583134_x1	.....guucgauuccUggcgccgg	1
Gi5_8939812_x1	.....uucucacccaacagauccGg	1
Gi1_4213486_x1	.....ugguucucUcccaacagauccgg	1
Gi5_9101242_x1	.....uccggguucgauuccUggc	1
Gi5_8974423_x1	.....cacccaacagauccgggAucga	1
Gi5_9046109_x1	.....cggcguUguauaacggcuagaau	1
Gi5_9003694_x1	.....uucucacccGacagauccgg	1
Gl1a_6201313_x1	.....uucgauucccgcgccgCgc	1
Gi1_4325094_x1	.....guAcgauucccgcgccg	1
Gi3_28370921_x1	.....ggguuAgauucccgcgccggagc	1
Gi3_28474226_x1	.....gCGuGguauaacggcuagaa	1
Gi5_8839602_x1	.....ucucacGcaacagauccg	1
Gi3_28940114_x1	.....cggcguaguauaacggUuagaau	1
Gi5_9082065_x1	.....gguucgauuGccgCGccgg	1
Gl1a_6154052_x1	.....uccgCcgguaguauaacggcuag	1
Gi1_4197287_x1	.....auucccgcgccggagcU	1
Gl1a_6212261_x1	.....guucgauucccgcgAcg	1
Gi5_8922531_x1	.....guucucacccaacagauccCg	1
Gi5_8970598_x1	.....uugguucGcacccaacagauccg	1

Gi5_8843127_x1	.....Ucagauccggguucgauucccggcg	1
Gi2_11297972_x1	.....ggNucgauucccgcgccggag	1
Gl1a_6321473_x1	.....uucgauucccgAgccggagc	1
Gi1_4183056_x1	.....cggcguagNauaacggcu	1
Gi3_28389825_x1	.....Uggcguaguauaacggcuagaau	1
Gi5_8890323_x1	.....uccggAguaguauaacgg	1
Gi5_8961465_x1	.....gguuUgauucccgcgccggagcguuu	1
Gl1a_6265864_x1	.....uAcggcguaguauaacggcuag	1
Gi2_11204160_x1	.....gguucgauucccCgcgccgg	1
Gi5_9005679_x1	.....gguucgauucccgcgccggagcgAu	1
Gi2_11034520_x1	.....uucucacccaacaUaucg	1
Gl1a_5981303_x1	.....Gccggcguaguauaacggcu	1
Gi2_11078882_x1	.....uccggcguaguauaacgAcuagaa	1
Gi5_9120349_x1	.....ucgauuAccggcgccggagc	1
Gi3_28787178_x1	.....ucgauuAccggcgccggag	1
Gi3_28559303_x1	.....guAcucacccaacagauccgg	1
Gi1_4320439_x1	.....aucAgguucgauucccgcgccgg	1
Gi1_4382100_x1	.....uccggcguCguauaacggcuagaau	1
Gi5_9043186_x1	.....uccggcguaguauaCgggcu	1
Gi5_8879847_x1	.....ccggcguaguauaacggcuUga	1
Gi3_28270759_x1	.....gcguaguauaacggUuaga	1
Gi2_11394025_x1	.....uucgauucccgcgccgA	1
Gi3_28516924_x1	.....gauccggguucgauCccc	1
Gi1_4230010_x1	.....ccggcguaguUuaaacggcuaga	1
Gl1a_6287206_x1	.....uucucacccaacagauUg	1
Gi2_11235190_x1	.....guucgauucccgcgccUgag	1
Gi4_577047_x1	.....gguucgauNcccgcgcc	1
Gi5_9104398_x1	.....cUcccaacagauccggguucga	1
Gi5_9096554_x1	.....uccggcguaguauaacCgcuagaau	1
Gi5_8865141_x1	.....guuNgauucccgcgccggagc	1
Gi1_4276289_x1	.....ugguucucacccaacagCuccg	1
Gi1_4249968_x1	.....gguucucacccaacagauccU	1
Gi4_574948_x1	.....gguucgauCcccggcgccggagc	1
Gi1_4226254_x1	.....guucucaccGaacagauccg	1
Gi5_8927523_x1	.....ugguucucacccaacagaCccgggu	1
Gi3_28603845_x1	.....uccggguucgauucccggc	0
Gi3_28718778_x1	.....guucucacccaUcagauccg	1
Gi5_9027416_x1	.....uucGcacccaacagauccg	1
Gl1a_5986143_x1	.....gCuucgauucccgcgcc	1
Gi3_28607525_x1	.....ggguucgauucccgcgAcggagc	1
Gi5_8848946_x1	.....ucgauucUcggcgccggag	1
Gi3_28596156_x1	.....cgaNuucccgcgccggagc	1
Gi3_28943427_x1	.....caacagauUggguucgauucc	1
Gi1_4247741_x1	.....ucAggcguaguauaacggcu	1
Gi3_28350141_x1	.....ggcguaguauaacggcuAa	1
Gi2_11100384_x1	.....uucucaGccaacagauccg	1
Gi2_11134632_x1	.....uccggcguaguauaacggAuagaa	1

Gi5_8921644_x1	.....guucgauucccgcgCUGgag	1
Gi1_4218202_x1	.....uccggcguaguauaacgAcu	1
Gi3_28480317_x1	.....uucgauucccgAcgccgg	1
Gi4_570039_x1	.....guucgauucccgAcgccgg	1
Gi3_28366159_x1	.....gauccggguucgauucccgcgccggagcC	1
G1a_6302868_x1	.....auccggguucgACuccggc	1
Gi5_9048280_x1	.....guucgGuucccgcgccggag	1
Gi5_8961680_x1	.....gguucucacccCacagauc	1
Gi3_28692203_x1	.....gguucuUacccaacagaucc	1
Gi5_9116548_x1	.....ugguucuUacccaacagauccgggu	1
Gi3_28404516_x1	.....uccggcguaguauaacggcuU	1
Gi3_28582896_x1	.....Ucggcguaguauaacggcuagaa	1
Gi5_9067791_x1	.....gguucuUacccaacagauc	1
G1a_6027245_x1	.....gguuAgaucccgcgccg	1
G1a_6160626_x1	.....gAuucgauucccgcgccggagc	1
Gi2_11056791_x1	.....agaucggAuucgauucc	1
Gi3_28317100_x1	.....ccggcguagGauaacggc	1
Gi4_603168_x1	.....ucUggcguaguauaacgg	1
Gi2_11039119_x1	.....auccggguucgauucccgcgccggagc	0
Gi3_28967539_x1	.....gguucucacccaacagauGcg	1
Gi2_11110040_x1	.....guucgauucccgGgccg	1
Gi3_28518396_x1	.....ggcguaguGuaacggcuaga	1
Gi2_11060389_x1	.....uucgauucccgcgGccggagc	1
Gi1_4328694_x1	.....cgauucccgcgccggagc	0
Gi2_11043102_x1	.....uccggcguaguauaacgUcuag	1
Gi1_4269937_x1	.....ggcguaguNuaacggcua	1
Gi3_28855230_x1	.....guucucacccaacUgaucgg	1
Gi3_28811057_x1	.....uccggcguauauaacggcuagaa	1
Gi1_4268067_x1	.....gguucucacccaacaAauccgg	1
Gi5_8993165_x1	.....ccggUguaguauaacggcua	1
G1a_6322424_x1	.....ucgauucccgcgccggagcCu	1
Gi5_9053569_x1	.....guNcgauucccgcgccg	1
Gi2_11346556_x1	.....ccggcguaguauaCggcua	1
Gi5_8862066_x1	.....uGgauucccgcgccgga	1
Gi1_4269826_x1	.....cGcccaacagauccggguucgauucc	1
Gi1_4360840_x1	.....uccggcguaguCuaacggcuaga	1
Gi1_4264243_x1	.....uccggguucgauuccAgcgccgga	1
G1a_6088397_x1	.....uccggcguaguaCaacggc	1
Gi3_28522852_x1	.....uAcggcguaguauaacggcua	1
Gi2_11056875_x1	.....gguucucacccaacaAauccg	1
Gi5_8959505_x1	.....guucgauucccgcgGgga	1
Gi5_8843860_x1	.....ccggcguagCauaacggcuag	1
Gi5_8985201_x1	.....gGuccggguucgauucccgcgccgga	1
Gi1_4197516_x1	.....uccggcguaguauaacCg	1
Gi2_11303602_x1	.....gguucgauucccgcgccggagcguuu	0
G1a_6130492_x1	.....guucUauucccgcgccggagc	1
Gi1_4348403_x1	.....uccggcguaguauaacUgc	1

Gi2_11133468_x1	.....Cgguucucacccaacagauccg	1
Gi2_11299987_x1	.....cggcgguaguauaacggc	0
Gi5_8994205_x1	.....cggcgguagNauaacggcuag	1
Gi5_9017302_x1	.....Ucggguucgauucccgcgccgga	1
Gi2_11007067_x1	.....gguucucacccaacagauccg	0
Gi2_11132369_x1	.....gauucUcggcgccggagc	1
Gi5_9131642_x1	.....gguucgauucccgcgccggaA	1
Gi1a_6330959_x1	.....guucucacccaacagaAccg	1
Gi2_11207120_x1	.....guucucCcccaacagauccg	1
Gi2_11050879_x1	.....uucucacccaGcagauccggguucg	1
Gi5_9032630_x1	.....gguucucacccaacagauccU	1
Gi5_8961489_x1	.....uucucacccaacGgauccg	1
Gi2_11209690_x1	.....guucgauuccGggcgccgga	1
Gi5_8943072_x1	.....uucucacccaacCgauccg	1
Gi3_28964329_x1	.....ggguGcgauucccgcgccg	1
Gi3_28500151_x1	.....ggguucgauucccgcgcgA	1
Gi1a_6340938_x1	.....gguCcgauucccgcgccggagc	1
Gi3_28876647_x1	.....aAauccggguucgauucccgcgccggag	1
Gi5_8934898_x1	.....uccgCcgguaguauaacgg	1
Gi2_11269785_x1	.....guucgauucccgcgcgGcggag	1
Gi2_11122381_x1	.....uucgauucccgGugccggag	1
Gi1_4228821_x1	.....cGcacccaacagauccggguucgauucc	1
Gi2_11121269_x1	.....cguaguauaacggcuagaugguugguuc	0
Gi3_28584570_x1	.....Cucgauucccgcgccg	1
Gi1_4335218_x1	.....guucucaccccUacagauccg	1
Gi3_28678496_x1	.....gcuaguauaaUggcuaga	1
Gi1a_6174368_x1	.....uccggcgguaguauaacggGuag	1
Gi3_28970556_x1	.....uccNgcguaguauaacggcuagaa	1
Gi2_11134767_x1	.....cucacccaacagGuccgg	1
Gi3_28668874_x1	.....caacagauccggguucgauucccgcgccggagc	0
Gi1_4315660_x1	.....cUggguucgauucccgcgccg	1
Gi5_9138174_x1	.....ggguucgauucccgcgAcg	1
Gi2_11228118_x1	.....aguccggcgguaguauaacggcua	0
Gi3_28819375_x1	.....agauccgggCucgauucc	1
Gi3_28319896_x1	.....Gucacccaacagauccggguucgauucc	1
Gi3_28378752_x1	.....gauccggguucgauuccA	1
Gi3_28756476_x1	.....gguucgauucccgCcgcc	1
Gi3_28888554_x1	.....ugguucucacAcaacagauccg	1
Gi5_8839447_x1	.....uccggGguaguauaacggcua	1
Gi3_28656184_x1	.....guucucacccaaAagauccg	1
Gi2_11138958_x1	.....aguccggcgguaguauCacggcuaga	1
Gi5_9084668_x1	.....uccggcgguagGauaacgg	1
Gi1a_6308753_x1	.....guucgauuNccggcgccggagc	1
Gi1_4266347_x1	.....guucucacccaacagaAccg	1
Gi2_11197417_x1	.....uccggcgguaguUaacggcuaga	1
Gi1_4158953_x1	.....gguucgGuucccgcgccg	1
Gi2_11312903_x1	.....uccgAcguaguauaacggcu	1

Gi5_9084990_x1	.....guucgauucccggcgccCagc	1
Gi1_4350415_x1	.....uucgauucccggcgccAgagc	1
Gi5_8969622_x1	.....aguccggcguaguauaGcggcu	1
Gi2_11000963_x1	.....guucgauuGccggcgccggagc	1
Gi4_600480_x1	.....guucgUuucccggcgcg	1
Gi5_8949105_x1	.....gguucgauucccggcgcggCgcuuu	1
Gi1_4192941_x1	.....Aaacagauccggguucgauucccggc	1
Gi1_4159395_x1	.....guuNgauucccggcgcggagc	1
Gi2_11163367_x1	.....ugguucGcacccaacagauccg	1
Gi1_4194882_x1	.....uGcggguucgauucccggcgcggga	1
Gi5_8919948_x1	.....uugguucucacccaacaga	0
Gi2_11291518_x1	.....cucacccaacagauccgC	1
Gi4_588732_x1	.....Gccggcguaguauaacggcua	1
Gi2_11394664_x1	.....gguucgauuccGggcgccg	1
Gi3_28692740_x1	.....cucacccaacaAauccgg	1
Gi5_8858148_x1	.....ccggcguaguauaacggcuGga	1
Gi5_9045459_x1	.....Agguucgauucccggcgcggagc	1
Gi3_28705800_x1	.....gAuucucacccaacagauccgg	1
Gi5_8928381_x1	.....uccggcguagAuaaacgg	1
Gi1_4205978_x1	.....cUggcguaguauaacggcua	1
Gi3_28481122_x1	.....uccggcguaguauaacgCcuag	1
Gi2_11405600_x1	.....cggguucgauucccggcgcggU	1
Gi2_11038569_x1	.....gguucgauucccggcgcggUa	1
Gi2_11222250_x1	.....uAcggcguaguauaacggcuagaau	1
Gi3_28923883_x1	.....Gguccggcguaguauaacggcuagauggu	1
Gi3_28282996_x1	.....gguucgauucccggcUccgg	1
Gi5_8834311_x1	.....guucgauucccggcgcggagU	1
Gi2_11204646_x1	.....ccggcguCguauaacggcua	1
Gi1_4261491_x1	.....gguucgauuccUggcgccggag	1
Gi5_9020961_x1	.....guucucacccaacagauGcgg	1
Gi4_598497_x1	.....gguucgauucccgAcgcgg	1
Gi3_28263266_x1	.....ggcguaguauaCcggcua	1
Gi5_8866945_x1	.....ugguucucacccaacagauUgg	1
Gi3_28440888_x1	.....cagaucggguucgauucccggcGcgg	1
Gi2_11053014_x1	.....ugguucucacccaacagGucc	1
Gi5_8893944_x1	.....uccggGguaguauaacggc	1
Gi3_28946249_x1	.....ugguucucaccccCacagauc	1
Gi2_11103065_x1	.....cccaacagauccggguGc	1
Gi2_11237694_x1	.....Ugcguaguauaacggcuagaau	1
Gi1_4177121_x1	.....uccggcAuaguauaacggcu	1
Gi1_6044462_x1	.....ucgauucccggcgcggagc	0
Gi1_4222554_x1	.....uccUgcguaguauaacggcuagaau	1
Gi5_8969474_x1	.....uccggcguaguGuaacggcuagauggu	1
Gi5_8850834_x1	.....ggcguaguauaacggUuag	1
Gi3_28636057_x1	.....gggCucgauucccggcgcgg	1
Gi3_28383338_x1	.....cgUguucgauucccggcgcggga	1
Gi3_28815093_x1	.....ucgauGcccggcgcggag	1

Gi2_11282668_x1	.....uccgggAucgauucccgcgccgga	1
Gi2_11252634_x1	.....gguucgauucccgcgccU	1
Gi2_11118619_x1	.....cgUuucccgcgccggagcguuu	1
Gi1_4207197_x1	.....gguucgauCcccggcgccggag	1
Gi1_4207312_x1	.....ggcguaguauaacAgcua	1
Gi5_8965383_x1	.....gguucgauuccUgcgcc	1
Gi3_28402350_x1	.....auccggguNcgauucccgcgccggagc	1
G1a_6047477_x1	.....gCuucgauucccgcgccggag	1
Gi3_28822384_x1	.....guucucacccaaAagaucgg	1
Gi5_8935263_x1	.....cccaacagauUcggguuc	1
Gi5_9040047_x1	.....guAcucacccaacagauccgg	1
Gi2_11015154_x1	.....acccaacagauccggguucgauucc	0
Gi1_4366673_x1	.....uccggcguaguauaacgC	1
Gi1_4388420_x1	.....gguucgaAuucccgcgccgg	1
G1a_6309399_x1	.....uccggcguaguauaacggcuagaCu	1
G1a_6155221_x1	.....guucucacNcaacagauccg	1
Gi5_9036859_x1	.....ucucacccNacagauccgggu	1
Gi2_11296464_x1	.....gguucucacccaacagaccg	1
Gi2_11267232_x1	.....ugguucucacUcaacagauccg	1
Gi2_11403411_x1	.....cucacccaacUgaucgg	1
Gi3_28486264_x1	.....gguucucacccaacGgaucgg	1
Gi3_28588303_x1	.....Nucucacccaacagauccg	1
Gi5_8849804_x1	.....ucAcacccaacagauccgg	1
Gi5_9088288_x1	.....uccNgcguaguauaacggcuagaa	1
Gi1_4240262_x1	.....uucgauuccGggcgccgg	1
Gi2_11000793_x1	.....uccggGguaguauaacggc	1
G1a_6346630_x1	.....uGcggcguaguauaacggcuagaau	1
Gi1_4217748_x1	.....cucacccaaAagaucgg	1
Gi2_11312605_x1	.....uccggcguagGauaacggcuaga	1
Gi1_4220943_x1	.....ccggcguaguauaacCgcuaga	1
Gi3_28644478_x1	.....Uuucucacccaacagauccggguucgau	1
Gi3_28390158_x1	.....cguaguauaacAgcuaga	1
Gi3_28353381_x1	.....uccggguucgauucccggcUccgga	1
Gi1_4388966_x1	.....ucgauucccgcgUcggagc	1
Gi2_11388762_x1	.....gguucucacccaacGgauc	1
G1a_6004502_x1	.....ggguucgauucccgUgc	1
Gi2_11119670_x1	.....uCcgauucccgcgccggagc	1
Gi2_11063689_x1	.....gguucucaccUaacagauccg	1
Gi5_8946318_x1	.....Cccggcguaguauaacggcuagaau	1
Gi3_28547069_x1	.....gauuccUgcggcgagc	1
Gi3_28281122_x1	.....uucgauucccgcgUgg	1
Gi2_11244944_x1	.....uccggcguaguauaacUgcua	1
Gi5_8901041_x1	.....gguucgauucccgcgccgCag	1
Gi3_28915508_x1	.....gauucccgcgccAgagc	1
Gi2_11121472_x1	.....uccggcguagGauaacgg	1
Gi3_28742968_x1	.....cccNacagauccggguucgauucc	1
Gi1_4347531_x1	.....uucgauucccgcgccggagcU	1

Gi1_4372239_x1	.....guucucacccaacUgaucgg.....	1
Gi2_11033285_x1	.....ugguucucacccaaUagauccg.....	1
Gi2_11201441_x1	.....guucgauucccgccgUag.....	1
Gi2_11098079_x1	.....ugguucucacccaacagauccgggu.....	0
Gi5_9045279_x1	.....gAuucgauucccgccgagcguuu.....	1
Gi1_4195531_x1	.....uccggcguaguauaacggcuaUa.....	1
Gi2_11271302_x1	.....Uggauucgauucccgccg.....	1
Gi5_8873427_x1	.....cucacccaacagauccUg.....	1
Gi5_8990686_x1	.....ccggcguaguGuaacggcua.....	1
Gi5_8952929_x1	.....gguucucacccaacagauA.....	1
Gi2_11171329_x1	.....uccggcguaguauaacggcuaC.....	1
Gi5_8897780_x1	.....gguuAgaaucccgccg.....	1
Gi1_4260476_x1	.....Gcggcguaguauaacggc.....	1
Gi5_9058656_x1	.....uucucacccaacGgauccgggu.....	1
Gi3_28529026_x1	.....guucgauGcccggccgga.....	1
Gi1_4284495_x1	.....ucgauucccgccgagU.....	1
Gi1_4256718_x1	.....guucucacccaacagUuccgg.....	1
Gi5_9082997_x1	.....guucgauucccgccgagc.....	0
Gi5_8899476_x1	.....gguucgauucccgccgUcg.....	1
Gi5_8843474_x1	.....Cucacccaacagauccgg.....	1
Gi3_28494622_x1	.....guucucaccAaacagauccgg.....	1
Gi1_4229021_x1	.....ucgauucccgccgGgc.....	1
Gi3_28852957_x1	.....uucucacccaacagauccggguucga.....	0
Gi3_28443901_x1	.....uccggcguaguauaacggcUg.....	1
Gi2_11222279_x1	.....gauUccggccgagc.....	1
Gi3_28332991_x1	.....aucUggguucgauucccgccgagc.....	1
Gi3_28897627_x1	.....cagauUggguucgauucc.....	1
Gi5_8956102_x1	.....cgauucccgccgagcA.....	1
Gi3_28272130_x1	.....gGguaguauaacggcuaga.....	1
Gi2_11001708_x1	.....gAucucacccaacagauccg.....	1
Gi2_11154360_x1	.....Ggauucccgccgagcguuuc.....	1
Gi5_8838283_x1	.....ugUuucucacccaacagauccgggu.....	1
Gi3_28647294_x1	.....ugguGcucacccaacagauccg.....	1
Gi5_9101593_x1	.....guucucacccaacagCuccgg.....	1
G1a_6123275_x1	.....uccggcguaguauaGcggc.....	1
Gi5_8949533_x1	.....uggGucucacccaacagauccg.....	1
G1a_6248764_x1	.....uuUucacccaacagauccgg.....	1
Gi1_4364029_x1	.....cucacccaacagauccggguucgauUc.....	1
Gi4_589114_x1	.....gguucgauucccgccggaAc.....	1
Gi5_8858134_x1	.....gguAcucacccaacagaucc.....	1
Gi5_9022000_x1	.....ccggcguaguauaGcggcuag.....	1
Gi5_9063100_x1	.....ggcguaAuauaacggcuagaau.....	1
Gi1_4259666_x1	.....gguucgauucccgccUccgg.....	1
Gi1_4336743_x1	.....uucUAacccaacagauccgg.....	1
Gi5_8853453_x1	.....guucgauucccgUcggcgag.....	1
Gi4_594417_x1	.....cucacccaacagauccggguUg.....	1
Gi5_8932366_x1	.....ccggcguGguauaacggcua.....	1

Gi3_28310905_x1	ucgauucUcggcgccgga	1
Gi2_11320069_x1	gcuaguauaacggcuGgaa	1
Gi3_28702503_x1	guucucacccaacagauccgggA	1
Gi4_609932_x1	Cccggcguaguauaacggcuaga	1
Gi1_4362163_x1	guugguucucacccaacaAauccgggu	1
Gi5_9040621_x1	ggcguaguauaacggcuagC	1
Gi2_11355574_x1	aguccggcguaguauaaUggcuaga	1
Gi2_11130540_x1	ucgauucccgAcgccgga	1
Gi5_9030671_x1	gguucgauucccgGgcc	1
Gi1_4278256_x1	guucgauuGccggcgccggagc	1
Gi5_9103980_x1	uccggcguaguauGacggcu	1
Gi1_4371947_x1	uccggcguaguauaacGC	1
Gi5_8862734_x1	guucgauucccgcgccAgag	1
Gi5_8938031_x1	uucucGcccaacagauccgggu	1
Gi3_28365131_x1	cggcguaguauGacggcuagaau	1
Gi3_28461352_x1	ggcguaguauCacggcu	1
Gi5_8857495_x1	ucuNacccaacagauccg	1
G1a_6024655_x1	guucgauucccgcgccggC	1
Gi5_9000985_x1	Cgcuaguauaacggcuaga	1
G1a_6015802_x1	gguucgauucccgcgUcg	1
Gi5_9110281_x1	uucNcaccaacagauccg	1
Gi5_8927650_x1	gguucucacccaCagaucc	1
Gi3_28459091_x1	uucGGuucccgcgccgga	1
Gi1_4351216_x1	gguAcgauucccgcgccggagc	1
Gi3_28910896_x1	ggcguaguauaacggcuagaaA	1
Gi5_9072967_x1	gguucucGcccaacagauccgg	1
Gi5_9041740_x1	uugguucucacccaacagauccA	1
Gi1_4159385_x1	aGccggguucgauucccgcgccgga	1
Gi3_28752902_x1	uugguucucacccGacagaucc	1
Gi2_11261593_x1	cagauccggguucgauucccgcgccggagc	0
Gi3_28962457_x1	Gccaacagauccggguucgauuccc	1
Gi3_28663955_x1	caUcagauccggguucgauucccgcgccgg	1
Gi1_4172795_x1	guucgUuucccgcgccg	1
Gi3_28293012_x1	ucgauuccAgggcccgag	1
Gi4_608816_x1	uccggcguaguauaacggcuagU	1
Gi5_8871802_x1	cucacccaacagauccAgg	1
Gi5_9128802_x1	gguucgauucccgCcgccgga	1
Gi1_4284310_x1	uucucacccaacagauccGg	1
Gi3_28316960_x1	ggcguaguauUcggcuagaau	1
G1a_6330265_x1	gguucgauucccgcgUgga	1
G1a_6119872_x1	uccggcguauaacggcuag	1
Gi2_11013948_x1	guucgauuGccggcgccgga	1
Gi1_4229325_x1	uccggcguaguauaaAggcuagaau	1
Gi3_28526989_x1	cGggcguaguauaacggc	1
G1a_6328472_x1	ucgauuccNcggcgccggagc	1
Gi2_11132632_x1	uccggcguaguauaaAggcuag	1
Gi3_28582693_x1	Uggguucgauucccgcgccggag	1

Gi3_28489770_x1	.....uucgauuccAgggcgcgga	1
Gi3_28939063_x1	.....guucucacccaaUagauccg	1
Gi3_28957958_x1	.....uccggcguagCauaacggcuagaa	1
Gi3_28905466_x1	.....cucUcccaacagauccgg	1
Gi5_8993338_x1	.....ugguucucGcccaacagauccgg	1
Gi3_28672440_x1	.....gguucucacccaacagauccggAu	1
Gi1_4211759_x1	.....gguucucUcccaacagauccgg	1
Gi3_28526016_x1	.....cgauucccgggcgUcggag	1
Gi3_28321592_x1	.....Accggguucgauucccgggcgcgga	1
Gl1a_6358700_x1	.....uucucacccaacaCauccg	1
Gi1_4174400_x1	.....guucucacccaUcagauccg	1
Gi2_11104122_x1	.....gGucucacccaacagauccgggu	1
Gi4_586758_x1	.....gguucgauucUcggcgcg	1
Gi5_9072601_x1	.....uccggcguaguauaacggcuagauggCu	1
Gi2_11072883_x1	.....cUggcguaguauaacggcuagaau	1
Gi2_11182677_x1	.....Uggguucgauucccgggcgcggagc	1
Gi1_4220382_x1	.....guuAgauucccggcgcggagc	1
Gi1_4246193_x1	.....Agcguaguauaacggcua	1
Gi2_11041101_x1	.....gguucgauucAcggcgcgga	1
Gi3_28469741_x1	.....Nguucgauucccgggcgc	1
Gi3_28467549_x1	.....gguucgUuucccgggcgc	1
Gi5_9000220_x1	.....guucgCuucccggcgcggagcguuuc	1
Gi2_10996523_x1	.....gguucgauucccCgcgcg	1
Gi3_28834179_x1	.....uugguucucacGcaacagaucc	1
Gi3_28587312_x1	.....gauucccggcgcggUgc	1
Gi2_11151215_x1	.....ugguucucacccaacUgauccg	1
Gl1a_6274430_x1	.....gguucgCuucccggcgcggagc	1
Gi2_11287223_x1	.....uccgUcguaguauaacggcuagaau	1
Gi1_4220275_x1	.....guuGgauucccggcgcggagc	1
Gi5_9124695_x1	.....uucucaccUaacagauccgg	1
Gi3_28584662_x1	.....gauuccAgggcgcggagc	1
Gi1_4175261_x1	.....gguucgauucccggcgcgAag	1
Gi3_28771493_x1	.....caGcagauccggguucgauucc	1
Gi2_11014138_x1	.....guucgauucccgUcgcggag	1
Gi1_4344470_x1	.....ugguucucacccaacagaAccgg	1
Gi2_11362498_x1	.....gguucgauucccUgcgcgg	1
Gi3_28290095_x1	.....gguucucacccaacagauccgggA	1
Gi1_4226524_x1	.....uccgCcguaguauaacggc	1
Gl1a_6114946_x1	.....guucgauucccggcgcgA	1
Gi5_8959181_x1	.....gguGcucacccaacagauccg	1
Gi2_11328496_x1	.....ugAuucucacccaacagaucc	1
Gi3_28740307_x1	.....gauucccggcgcggagcga	1
Gi3_28822165_x1	.....guuGgauucccggcgcgg	1
Gi1_4214366_x1	.....gguucgauuAccggcgcggag	1
Gi3_28940332_x1	.....Ugauccggguucgauucc	1
Gi5_9059061_x1	.....uucucacccUacagauccg	1
Gi2_11184244_x1	.....cggcguaguauaacggcuagG	1

Gi1a_6164369_x1	uccggcguaguauaacAgcuagaa	1
Gi3_28577470_x1	agauccggguuAgauuccc	1
Gi3_28373286_x1	auccgggGucgauucccgccgga	1
Gi2_11168775_x1	cccaacagauccgggCuc	1
Gi3_28876879_x1	Aguucgauucccgccgagcg	1
Gi3_28341037_x1	guucgauucccgCcgccgagc	1
Gi3_28688297_x1	gguAcgauucccgcc	1
Gi5_9056090_x1	aacagauccgggCucgauucccgccgagc	1
Gi1a_6108774_x1	gguucgauGcccgccgga	1
Gi5_8918044_x1	Gccggcguaguauaacggcuagaugguu	1
Gi1_4191041_x1	gguucucaccaUcagauccg	1
Gi1_4321927_x1	uccggcguaguaCaacggcuagaau	1
Gi4_588625_x1	uccggUguaguauaacggcuag	1
Gi5_8931379_x1	uccggcguaguauaUcgg	1
Gi2_11092858_x1	guucgauucccgUccgga	1
Gi5_9065295_x1	uccgCcgaguauaacggcuagaau	1
Gi3_28492981_x1	uccggguucgGuucccgccg	1
Gi2_11393516_x1	guucucaccaacGgauccgg	1
Gi3_28339698_x1	guucucaccaacCgauccgggu	1
Gi3_28352247_x1	guuAucaccaacagauccg	1
Gi5_9051218_x1	ucaccaacaAauccgggu	1
Gi5_8898062_x1	ggcguaguauaacggUuaga	1
Gi5_8944332_x1	Accggcguaguauaacggcuagaa	1
Gi2_11358202_x1	uccggcguaguauaacCgc	1
Gi5_9050165_x1	guuAgaaucccgccg	1
Gi4_604630_x1	uUcggcguaguauaacggcuag	1
Gi3_28336392_x1	cccaacCgauccggguucgauuccc	1
Gi1_4382064_x1	uccggcguaguUuaacggcuaga	1
Gi4_603804_x1	cucaccaacagauccgg	0
Gi5_8896035_x1	uucucaccaacagauccgggu	1
Gi1_4169482_x1	guucgauuccUgcgccg	1
Gi3_28311635_x1	ugguucucaccaacagGuc	1
Gi5_9048238_x1	gguucgaAucccgccgga	1
Gi1_4260549_x1	uccggcguauauaacggc	1
Gi3_28624239_x1	cCaccaacagauccggguucgauucc	1
Gi3_28572390_x1	gguucgauAcccgccg	1
Gi1_4171915_x1	guucgauuccUcggccg	1
Gi1_4215116_x1	gguucgauucccgGgccgga	1
Gi3_28935762_x1	uccggcguaguauaacggcuagauggC	1
Gi4_609562_x1	Gccggcguaguauaacggcuagaau	1
Gi3_28412858_x1	cgauucccgccgagcU	1
Gi2_11113912_x1	uccggcguaguauaacggcuaca	1
Gi3_28876102_x1	uccggguucgauucccgUgccgga	1
Gi1_4181266_x1	ucucaccaacagauccgg	1
Gi2_11130143_x1	cagauccggguucgauucccgccAgag	1
Gi4_596994_x1	uugguucucacAcaacaga	1
Gi5_8946289_x1	uGaccaacagauccgggu	1

Gi3_28806175_x1	ggguucGGuucccgcccgga	1
Gi4_586628_x1	cucaccaacagGuccggguucg	1
Gi2_11131159_x1	aguccUgcguaguauaacggcuaga	1
Gi3_28420422_x1	agauccggguucgauuccggcgccggaA	1
Gi1_4368857_x1	ggNucgauucccgcccg	1
Gi4_569927_x1	gguucgauucccgcccgagcA	1
Gi5_8837028_x1	ccggcguaguauaacggUua	1
Gi1_4339970_x1	guucgauucccgccAgagc	1
Gi5_9009059_x1	ccggcguaguauaacggcuagC	1
Gi3_28909124_x1	uccggcguaguGuaacggcu	1
Gi3_28821354_x1	cgguucgauuccggcgccgagcA	1
Gi5_9038163_x1	gguucCauucccgcccgagc	1
Gi5_8906375_x1	cucaccaacagauccgA	1
Gi5_9103621_x1	uucucaccaacagauccggguCc	1
Gi3_28383019_x1	ggCucucaccaacagaucc	1
Gl1a_6136401_x1	uccggcCuaguauaacgg	1
Gi3_28881241_x1	gauucccgcccgagG	1
Gi2_11350215_x1	gguucgauucccgUgccggagcguu	1
Gi1_4339676_x1	ugguuAucaccaacagauccg	1
Gi3_28596304_x1	uucgauuccggcgccggUgc	1
Gi5_9097868_x1	uccggcguaguauaacgCcuaga	1
Gi5_9070968_x1	ucgaCucccgcccgagc	1
Gi1_4255742_x1	ggcguaguauaacAgcuag	1
Gi2_11301148_x1	uucAauuccggcgccgagc	1
Gi3_28805885_x1	ggAguaguauaacggcuagaau	1
Gi5_9017963_x1	cggcguaguGuaacggcuagaau	1
Gi4_573574_x1	uucucaccaacagauccg	0
Gi1_4292922_x1	uucucaccUacagauccg	1
Gi5_8946460_x1	guucucUcccaacagauccg	1
Gl1a_6098600_x1	gguucgauuccggcAcc	1
Gi1_4218549_x1	ugguucucaccaacagauccggguucgauuc	0
Gi3_28594514_x1	ggguucgauuccggcgccggG	1
Gi5_9133169_x1	ccggcguaguauaaUggcuaga	1
Gi5_8903574_x1	Cgcguaguauaacggcuag	1
Gi5_9085182_x1	gguucucaccAaacagauccgg	1
Gi3_28607845_x1	cggNuucgauuccggcgccgga	1
Gi4_606285_x1	uucucaccaacagauccggguuc	0
Gi2_11219967_x1	ucAggcguaguauaacgg	1
Gl1a_6149789_x1	guucucaccUaacagauccg	1
Gi3_28544967_x1	Guccggguucgauuccggcgccgga	1
Gi2_11354537_x1	ucgauuccAggcgccgagc	1
Gi5_8884315_x1	Cguucucaccaacagauccggguu	1
Gl1a_6007522_x1	uccggcguaguauaaUggcuaga	1
Gi5_8861140_x1	uccggguucgauucccCgc	1
Gi5_9069420_x1	ucaccUacagauccggguu	1
Gi3_28795804_x1	cucGcccaacagauccgg	1
Gi1_4295372_x1	ugguucucUcccaacagaucc	1

Gi3_28467228_x1	.....gguucgauucccgCcgccggag	1
Gi2_11071155_x1	.....cucacccaacagauccCg	1
Gi2_11377995_x1	.....guucgauuccGggcgccg	1
Gi1_4239349_x1	.....uccggGguaguauaacggcua	1
Gi5_9077327_x1	.....gGaguauaacggcuagaau	1
Gi3_28912503_x1	.....gauuccggcgccggaAc	1
Gi1a_6193663_x1	.....Cccggcguaguauaacggcuagaa	1
Gi2_11150518_x1	.....gguucgauucccgcgGcggag	1
Gi1_4191676_x1	.....ucgauucccgcgccgga	0
Gi5_8902456_x1	.....uucucaUccaacagauccgggu	1
Gi2_11390696_x1	.....agaucggguucAauucc	1
Gi2_11240438_x1	.....uAcggcguaguauaacggcua	1
Gi3_28728864_x1	.....Agguucgauucccgcgccgga	1
Gi4_600813_x1	.....Cccggcguaguauaacggcua	1
Gi5_8836994_x1	.....uccggcguacuauaacggcuagaa	1
Gi5_8884678_x1	.....ucucCcccaacagauccgg	1
Gi2_11404082_x1	.....uccggcguaguUuaacggcuagaa	1
Gi5_8971807_x1	.....cagauccgNguucgauucccgcgccg	1
Gi5_8911201_x1	.....uccAgcguaguauaacggcu	1
Gi4_581976_x1	.....uUcggcguaguauaacggcuaga	1
Gi1a_6154480_x1	.....uccggcguNguauaacggcua	1
Gi5_8891167_x1	.....cucacccaUcagauccgg	1
Gi1_4222424_x1	.....guucgauuccAggcgccggagc	1
Gi2_11033012_x1	.....cgaCucccgcgccggagcguu	1
Gi2_11336996_x1	.....guAcucacccaacagauccg	1
Gi3_28815812_x1	.....gguucucacccaacagauccAgg	1
Gi5_8896571_x1	.....uggCucucacccaacagauccgggu	1
Gi1_4360267_x1	.....uccggcguaguauaacggcuaUaau	1
Gi5_8957344_x1	.....uucucaAccaacagauccgg	1
Gi3_28447617_x1	.....uucgauucccgAcgccgga	1
Gi1_4238223_x1	.....ucucaAccaacagauccgg	1
Gi1_4341708_x1	.....gguucgauucccgcgccggagcgG	1
Gi1a_6117902_x1	.....uccggcguaguauCacggcuag	1
Gi3_28366738_x1	.....uccggcguaguauaacgCcu	1
Gi1a_6262994_x1	.....gguAcgauucccgcgccggag	1
Gi3_28467988_x1	.....cgauucccgcgccggagcguu	0
Gi5_9049110_x1	.....ucacccaacagauccAggu	1
Gi3_28955718_x1	.....caUccaacagauccggguuc	1
Gi2_11274941_x1	.....guucgauucccgcgCccgga	1
Gi2_11266191_x1	.....cUgcguaguauaacggcuag	1
Gi2_11319089_x1	.....gguucgauucccCgcgccggag	1
Gi4_587775_x1	.....Cccggcguaguauaacggcuagaa	1
Gi5_8833470_x1	.....acUgauccggguucgauucccgcg	1
Gi2_11238491_x1	.....guucgauucccgcgccggaC	1
Gi3_28440405_x1	.....cgNuucccgcgccggagc	1
Gi1_4241493_x1	.....auccggguCcgauucccgcgccg	1
Gi5_9052472_x1	.....ugguucucCcccaacagauccg	1

Gi1_4281978_x1	.....Ucggcguaguauaacggc	.....ucgauuccGggcgccggagc	1
Gi2_11358228_x1	.....ucgauuccGggcgccggagc	.....ucgauuccGggcgccggagc	1
Gi5_9013166_x1	.....Cgauccggguucgauucc	.....Cgauccggguucgauucc	1
Gi4_610798_x1	.....gguucgauuccggcgccgC	.....gguucgauuccggcgccgC	1
Gi3_28322090_x1	.....ggguucgauuccGggcgccgga	.....ggguucgauuccGggcgccgga	1
Gi2_11256551_x1	.....uucucacccaacagaAccg	.....uucucacccaacagaAccg	1
Gi3_28795125_x1	.....ccggcguaguauaaUggc	.....cGcacccaacagauccggguucga	1
Gi1_4366842_x1	.....cGcacccaacagauccggguucga	.....cGcacccaacagauccggguucga	1
Gi4_588102_x1	.....guucgauuccggcgccggag	.....guucgauuccggcgccggag	0
Gi1_4165188_x1	.....cucacccaacaAaucgg	.....cucacccaacaAaucgg	1
Gi2_11146581_x1	.....Cgguucucacccaacagaucc	.....Cgguucucacccaacagaucc	1
Gi5_8875077_x1	.....gguucucGccaacagaucc	.....gguucucGccaacagaucc	1
Gi3_28381752_x1	.....ucgauuccggAgccggag	.....ucgauuccggAgccggag	1
Gi5_8897113_x1	.....gguCucacccaacagauccggguu	.....gguCucacccaacagauccggguu	1
Gi5_8838906_x1	.....cggcguaguauaacggcuagG	.....cggcguaguauaacggcuagG	1
Gi1a_6186067_x1	.....gguuAgauuccggcgccggagc	.....gguuAgauuccggcgccggagc	1
Gi1_4167615_x1	.....agaugguugguucucacc	.....agaugguugguucucacc	0
Gi3_28375014_x1	.....guucgauuccggcgccggagcg	.....guucgauuccggcgccggagcg	0
Gi3_28968230_x1	.....ucacccaacCgauccggguuc	.....ucacccaacCgauccggguuc	1
Gi3_28941386_x1	.....cucacccaacagauccgggCucgauu	.....cucacccaacagauccgggCucgauu	1
Gi3_28315274_x1	.....cagaGccggguucgauuccggcgccgg	.....cagaGccggguucgauuccggcgccgg	1
Gi5_8935087_x1	.....gguaCgauuccggcgccgg	.....gguaCgauuccggcgccgg	1
Gi5_9137140_x1	.....uccCgcuaguauaacggcuaga	.....uccCgcuaguauaacggcuaga	1
Gi5_8964200_x1	.....ggNucgauuccggcgccg	.....ggNucgauuccggcgccg	1
Gi3_28287707_x1	.....gguucucacAaacagaucc	.....gguucucacAaacagaucc	1
Gi3_28817192_x1	.....guAcucacccaacagauccg	.....guAcucacccaacagauccg	1
Gi2_11051528_x1	.....ugguCcucacccaacagauccg	.....ugguCcucacccaacagauccg	1
Gi5_8852998_x1	.....gguuAauuccggcgcc	.....gguuAauuccggcgcc	1
Gi3_28799809_x1	.....uccggcAuaguauaacggcuagaau	.....uccggcAuaguauaacggcuagaau	1
Gi1a_6345035_x1	.....ugguucCcacccaacagauccg	.....ugguucCcacccaacagauccg	1
Gi3_28489861_x1	.....agauccggguuAgauuccggcgccggag	.....agauccggguuAgauuccggcgccggag	1
Gi5_9089275_x1	.....ggcguGguauaacggcuaga	.....ggcguGguauaacggcuaga	1
Gi5_8848215_x1	.....aUuccggcguaguauaacggcu	.....aUuccggcguaguauaacggcu	1
Gi2_11265383_x1	.....ugguucucacccaacagauAccg	.....ugguucucacccaacagauAccg	1
Gi2_11264212_x1	.....gguucgauuccggcgccggUg	.....gguucgauuccggcgccggUg	1
Gi2_11323640_x1	.....gUguucgauuccggcgccggag	.....gUguucgauuccggcgccggag	1
Gi1_4356054_x1	.....cucacccaacagauccggguucgauuccU	.....cucacccaacagauccggguucgauuccU	1
Gi3_28833541_x1	.....cgauGcccggcgccggagc	.....cgauGcccggcgccggagc	1
Gi3_28662191_x1	.....acagauccggguucgauuccggUcgccgg	.....acagauccggguucgauuccggUcgccgg	1
Gi3_28985309_x1	.....ggcguaguauaacggGuaga	.....ggcguaguauaacggGuaga	1
Gi1_4316738_x1	.....uuccggcgccggagcCu	.....uuccggcgccggagcCu	1
Gi1_4266129_x1	.....gguucgauuccggcgccggagc	.....gguucgauuccggcgccggagc	1
Gi2_10996113_x1	.....gguucucacccaacagauUcg	.....gguucucacccaacagauUcg	1
Gi3_28352573_x1	.....Ggauuccggcgccggag	.....Ggauuccggcgccggag	1
Gi1_4361472_x1	.....uccggcguGguauaacggcuagaa	.....uccggcguGguauaacggcuagaa	1
Gi1_4328204_x1	.....gguucgauuccCgccc	.....gguucgauuccCgccc	1
Gi4_577890_x1	.....Gccggcguaguauaacggcuaga	.....Gccggcguaguauaacggcuaga	1

Gi2_11295437_x1	.....aacagaucggguAcgauuccggcgccg	1
Gi3_28851934_x1	.....guucuUaccaacagauccg	1
Gi2_11068692_x1	.....uccggcguCguauaacggcuagaau	1
Gi3_28781900_x1	.....acagaucggguucgauuccggcgccggG	1
Gi1a_6271337_x1	.....Gcccaacagauccggguucgauuccc	1
Gi1a_5986255_x1	.....uccggAguaguauaacggcuaga	1
Gi3_28635101_x1	.....uugguucucacccaacGgauc	1
Gi1a_5985246_x1	.....uccggcguaguGuaacggcuagaa	1
Gi3_28391917_x1	.....uccggcguaguauaaGggcua	1
Gi1_4364403_x1	.....ucUaccaacagauccgggu	1
Gi3_28563903_x1	.....ggguucgauuccggcgccggGg	1
Gi5_8899033_x1	.....uccggguNgauuccggc	1
Gi2_11144807_x1	.....ucucacccGacagauccgg	1
Gi1_4195490_x1	.....guucgauuccggcgccggaAc	1
Gi3_28789606_x1	.....gguucgauuccggcUcc	1
Gi3_28857693_x1	.....Agguucucacccaacagauccg	1
Gi5_8992512_x1	.....gguucgauuccGggcgccgga	1
Gi5_8876946_x1	.....uccggcCuaguauaacggcuagaau	1
Gi5_8920815_x1	.....Accggcguaguauaacggcuagaau	1
Gi3_28282524_x1	.....uUaccaacagauccggguuc	1
Gi3_28835913_x1	.....uccggguucgauuccggcgccAga	1
Gi5_9053971_x1	.....acagaucggguucgauucGcgcgc	1
Gi2_11007780_x1	.....uccggcUuaguauaacggc	1
Gi5_9119606_x1	.....ucaccUaacagauccggguu	1
Gi3_28642877_x1	.....guucCcacccaacagauccgg	1
Gi2_11045545_x1	.....Ucguaguauaacggcuaga	1
Gi5_8925876_x1	.....gguucgauuccggcgccGggagc	1
Gi1_4355106_x1	.....gCuucgauuccggcgccggag	1
Gi3_28339637_x1	.....ggcguaguGuaacggcua	1
Gi5_9116559_x1	.....guucgauuccUgcgccggagc	1
Gi1_4272815_x1	.....gAuucucacccaacagauccgg	1
Gi2_11368171_x1	.....gguucgauAccggcgccggag	1
Gi5_9069093_x1	.....ggcguaguauaacggcuagaC	1
Gi5_9124004_x1	.....Gguccggcguaguauaacggcu	1
Gi3_28939267_x1	.....ucucGcccaacagauccg	1
Gi2_11292688_x1	.....uucucacccaacagauUcg	1
Gi3_28335134_x1	.....caacagUuccggguucga	1
Gi3_28933221_x1	.....gguucucacccaacaUauccg	1
Gi3_28508720_x1	.....gguuAucacccaacagauccg	1
Gi5_9125988_x1	.....guCgauuccggcgccggag	1
Gi3_28478583_x1	.....ccGacagauccggguucgauuccggcgccg	1
Gi1_4218050_x1	.....gguucgauuccggcgccgCag	1
Gi5_9128815_x1	.....guucgauuccggAgccggagc	1
Gi1_4380293_x1	.....cucacccaacGgaucggguucgauucc	1
Gi3_28672092_x1	.....uucucacGcaacagauccg	1
Gi1_4175616_x1	.....gguCcgauuccggcgccgga	1
Gi5_8904536_x1	.....uugguucucacccaacagCuccg	1

Gi5_9135537_x1	ucaccGacagauccggguu	1
Gi1_4387764_x1	ugguucucaccaacagaGccg	1
G1a_6216070_x1	Cguucgauucccgcgcc	1
Gi3_28404475_x1	guucucaccaacagauUcgg	1
Gi3_28756382_x1	uucucaccaacUgauccg	1
Gi3_28963298_x1	cgauucccgcgUcggagc	1
Gi3_28878569_x1	gguucucaccaacagGuccgg	1
Gi1_4347019_x1	guucgauAcccgcgccg	1
Gi5_8904088_x1	uccggcguagAuaaacggcuagaa	1
Gi3_28683435_x1	acagauccggguucgauCcccggcgccggagc	1
Gi3_28837471_x1	gauCcccggcgccggagc	1
Gi3_28396531_x1	ugguucucaUccaacagau	1
Gi5_8853277_x1	ccAgcguaguauaacggcua	1
Gi5_8974191_x1	ucAgcguaguauaacggcuagaa	1
Gi5_8855737_x1	gguucucaccaacagUuccgg	1
Gi3_28732959_x1	uccggcUuaguauaacggcuagaa	1
Gi4_575170_x1	ggCucgauucccgcgccggagc	1
Gi2_11365196_x1	uucuGaccaacagauccg	1
Gi3_28428151_x1	guucgauucccgCcgccgga	1
Gi5_9077616_x1	uucgauucccgcgccggagcguuucc	0
Gi4_587799_x1	uccggcguaguauaacAgcuagaa	1
Gi3_28699586_x1	gguucucacUcaacagauccgggu	1
Gi3_28872144_x1	guucucaccaacaAuccg	1
Gi2_11053413_x1	ggCucgauucccgcgccgg	1
Gi5_8885001_x1	Uuucgauucccgcgccggagcguu	1
Gi2_11372011_x1	cgauucccgUgcccggagcguuu	1
Gi3_28817291_x1	Nccggcguaguauaacggcuagaa	1
Gi1_4249212_x1	gguucgaCucccgcgccggag	1
Gi5_9053210_x1	gguucCcaccaacagauccg	1
Gi2_11321425_x1	agauccggguucUauucc	1
Gi3_28643184_x1	uucgauucccgcgAggagc	1
Gi5_9003495_x1	guucucaccaacaCauccg	1
Gi1_4234834_x1	auccggguucgauucccgcgUgga	1
Gi2_11261549_x1	uucucaUccaacagauccg	1
Gi2_11273501_x1	gguucgauucccgCcgccggag	1
Gi3_28346108_x1	ucCcaccaacagauccg	1
Gi5_8876818_x1	ccaacagauGggguuc	1
Gi2_11164250_x1	gguucgauucccgcgccggaU	1
Gi1_4247730_x1	uucgCuucccgcgccgg	1
Gi5_8965853_x1	ugguucucaccaacagCuccgggu	1
Gi5_9088549_x1	uccggcguaguauUcggcu	1
Gi2_11144917_x1	cgauucccgcgccggaAcguuu	1
Gi2_11284343_x1	ucgaAucccgcgccggagc	1
G1a_6035669_x1	gguucgauuccUcggccgga	1
G1a_6202501_x1	gguucgauNcccggcgcc	1
Gi3_28450955_x1	ggcgGaguauaacggcua	1
Gi5_8858258_x1	ggcgGaguauaacggcuag	1

Gi3_28527212_x1	.....gguucCauucccgcgcc	1
Gi5_8921422_x1	.....accaacagGuccgguucgauucc	1
Gi5_8890709_x1	.....uccggcguCguauaacggcuagaa	1
Gi4_589084_x1	.....gguucgauucccgGAccgg	1
Gi1a_6183620_x1	.....ugguucucacccaacagCuccg	1
Gi5_8913058_x1	.....ucgauucccgcgccggGg	1
Gi5_8973379_x1	.....ucgauucccgcgAccggagc	1
Gi3_28917137_x1	.....ucgauucGcgcgccggagc	1
Gi5_8902831_x1	.....cagaucggguucgauCcccgcgccg	1
Gi5_9112113_x1	.....ccgggCucgauucccgcgccgga	1
Gi3_28276348_x1	.....ucgaCucccgcgccggag	1
Gi3_28972842_x1	.....gauucccCcgcgccggagc	1
Gi1_4246456_x1	.....ucucacccaacaUaucg	1
Gi3_28344517_x1	.....cacccaacUgauccggguuc	1
Gi3_28708828_x1	.....ucucacccaacagauccgC	1
Gi1_4375213_x1	.....gguucgauucccgcgccggagcg	0
Gi2_11299356_x1	.....agaucgAguucgauucc	1
Gi2_11160678_x1	.....uccggguucgauucccgcgccggagc	0
Gi2_11267438_x1	.....ucNggcguaguauaacggcuagaau	1
Gi5_8964739_x1	.....ccggcgCaguauaacggcua	1
Gi2_11326604_x1	.....Nguucgauucccgcgccg	1
Gi5_8835091_x1	.....uccggAguaguauaacggcu	1
Gi5_9021911_x1	.....uuUucacccaacagauccggguuc	1
Gi2_11388017_x1	.....gNucgauucccgcgccgg	1
Gi3_28358554_x1	.....uccggcguaCuauaacggcuagaau	1
Gi1_4376981_x1	.....uucgGuucccgcgccggagc	1
Gi5_9001238_x1	.....gguNcgauucccgcgccg	1
Gi2_11289923_x1	.....ucgNuucccgcgccggagc	1
Gi3_28411947_x1	.....cggguucgauucccgcgccgCa	1
Gi5_9010274_x1	.....uccggcguaguauaacggcuaAaa	1
Gi5_8896414_x1	.....ucucacccaacagauccAggu	1
Gi5_9084290_x1	.....uucNcacccaacagauccgg	1
Gi5_9122369_x1	.....ucacccaacagauccgCguu	1
Gi2_11279772_x1	.....ugguucucacccaacaUaucg	1
Gi1_4326763_x1	.....uccNgcguaguauaacgg	1
Gi2_11085676_x1	.....uucucacccaacagauccU	1
Gi2_11154727_x1	.....uccggcguaguauaCcgcuagaau	1
Gi1_4242195_x1	.....ggguucgauucccgcgccgU	1
Gi3_28619795_x1	.....cggguucgauGccggcgccgga	1
Gi1a_6280899_x1	.....gguucgauucccgcgccggagcgA	1
Gi3_28569503_x1	.....uccUgcguaguauaacggcuagaa	1
Gi5_9042368_x1	.....uccggcguaguauaacgCcuag	1
Gi1_4356775_x1	.....guuAgauucccgcgccg	1
Gi1a_6016120_x1	.....uucgauucccgcgccggGgc	1
Gi1_4172546_x1	.....uccAgcguaguauaacggc	1
Gi1_4280231_x1	.....guucgauGcccgcgccg	1
Gi2_11034387_x1	.....uccggguucgaCucccgcgccgga	1

Gi4_594361_x1	.....Aucacccaacagauccggguucg.....	1
Gi2_11225171_x1	.....ugguucucacGcaacagauccg.....	1
Gi1_4257203_x1	.....Ugguucgauucccgcgccgga.....	1
Gi5_8948057_x1	.....Cgguucgauucccgcgccggagc.....	1
Gi1a_5999126_x1	.....uccggcguaguauaacggcCa.....	1
Gi3_28533199_x1	.....uccggcguaguauaacgUc.....	1
Gi5_9111585_x1	.....uccggGguaguauaacgg.....	1
Gi5_8944125_x1	.....ggguucgauucccgcgA.....	1
Gi5_9099443_x1	.....acagauccggguucAauucccgcg.....	1
Gi1_4308261_x1	.....ggguucgauucccAgcgccg.....	1
Gi3_28901503_x1	.....caacagauccggguCcgA.....	1
Gi2_11108052_x1	.....uucucacccaacagauccgggCucg.....	1
Gi1a_6346247_x1	.....ggguucgauucccgAcgcccg.....	1
Gi3_28795788_x1	.....gaAucccgcgccggagc.....	1
Gi5_8895238_x1	.....ggguucgauCcccggcgccggagcguuu.....	1
Gi3_28954306_x1	.....ucgauucUcggcgccggag.....	1
Gi1a_6071110_x1	.....uGcggcguaguauaacggcuagaa.....	1
Gi2_11349991_x1	.....agGaugguugguucucacc.....	1
Gi1_4171366_x1	.....ggguucgauucccgcgCAgga.....	1
Gi2_11144940_x1	.....uccggGguaguauaacggcuagaau.....	1
Gi2_11109699_x1	.....guucAcacccaacagauccg.....	1
Gi2_11097809_x1	.....uucgauucAcggcgccgg.....	1
Gi5_8889832_x1	.....guucgauucccCgcccggagc.....	1
Gi1_4389669_x1	.....ggguucUauucccgcgccgg.....	1
Gi5_8994262_x1	.....ggguucgauucccgcgccggagcC.....	1
Gi2_11031798_x1	.....ggguucgauucccgcgccG.....	1
Gi3_28902693_x1	.....uccggcguaguauaaGggcu.....	1
Gi5_8942160_x1	.....uccggcguaguauaUcggcuagaau.....	1
Gi1a_6109479_x1	.....uucucaccUaacagauccg.....	1
Gi1_4170363_x1	.....uccggcguGguauaacggcuagaau.....	1
Gi2_11115133_x1	.....gguuAgauucccgccg.....	1
Gi5_9053092_x1	.....ugguucucacccaacaUauccgggu.....	1
Gi3_28439530_x1	.....uccggguucgauCcccggcgccgga.....	1
Gi3_28599906_x1	.....aucggguNcgauucccgcg.....	1
Gi3_28578201_x1	.....guucucacccaacagauGcgg.....	1
Gi3_28610467_x1	.....Uuucucacccaacagauccggguucga.....	1
Gi2_11016489_x1	.....ugguucucaccAaacagauccg.....	1
Gi1_4257465_x1	.....ggguucgauAcccgcgccggag.....	1
Gi1_4160066_x1	.....ggguucgUuucccgcgccggag.....	1
Gi2_11135237_x1	.....guucgauuccUggcgccg.....	1
Gi3_28838892_x1	.....aucggAgauucgauucccgcgccgga.....	1
Gi1a_6194525_x1	.....Cccggcguaguauaacggcua.....	1
Gi5_9050629_x1	.....accCacagauccggguucgauucc.....	1
Gi5_9066493_x1	.....guucgauucccgcgccgUa.....	1
Gi3_28361222_x1	.....Ugauccggguucgauucccgcgccggag.....	1
Gi3_28336947_x1	.....guucgauucccgcgccgAag.....	1
Gi5_9007667_x1	.....cgcgcuaguauaacggcuagaau.....	0

Gi2_11387347_x1	uccggcguaguauaacgCcu	1
Gi2_11158769_x1	uucgauucccgccAga	1
Gi3_28751347_x1	ccggcguaguauaacggcuGga	1
Gi3_28573061_x1	uccggguucgauuccggcAccgga	1
Gi4_568672_x1	gUuucgauucccgccgga	1
Gi5_9052619_x1	uucucaccAaacagauccgg	1
Gi1_4372665_x1	ggcguaguauaacggcCag	1
Gi4_606072_x1	uuggCucucacccaacaga	1
Gi5_8892905_x1	agaucggguucgaCucc	1
Gi2_11282194_x1	uucgauucNcggcgccggag	1
Gi3_28724358_x1	caccGacagauccggguuc	1
Gi5_8863732_x1	ggucgauucccgccgagcguC	1
Gi3_28633513_x1	uccggcguacuauaacggcuag	1
Gi3_28310110_x1	ccgNcguaguauaacggc	1
Gi2_11059441_x1	ggucgauucAcggcgccgg	1
Gi4_585899_x1	Aguucgauucccgccgagc	1
Gi5_9005272_x1	uccggcguaguauaacggcuUga	1
Gi3_28427369_x1	ucacccaacagGuccggguuc	1
Gi3_28571596_x1	uUcggcguaguauaacggcu	1
Gi3_28675988_x1	ggcguaguauCacggcuaga	1
Gi2_11301120_x1	cgauuccNcggcgagcguuc	1
Gi1_4332510_x1	ggucgaGucccgccgga	1
Gi1_4212311_x1	ucucacccaacagauccAg	1
Gi1_4380634_x1	uucNcacccaacagauccgg	1
Gi2_11319370_x1	ucgGuucccgccgag	1
Gi3_28970333_x1	ugguucucacccaacagauAcgg	1
Gi2_11063992_x1	ccggcguaguauUcggcu	1
Gi5_8883005_x1	gguucucacccaacagauccggGu	1
Gi1_4316550_x1	ggucgauAcccgccgagc	1
Gi3_28941279_x1	ggucgauucccgccgUag	1
Gi1_4240444_x1	ggucgauucccgcgAcggag	1
Gi5_8873819_x1	uugguucucacccaacagGuccg	1
Gi1_4212124_x1	aacagauccggguucgCuucccgccg	1
Gi3_28311070_x1	ucgauucccgccgUggag	1
Gi2_11340065_x1	uccggcguauuauaacggcu	1
Gi1_4336238_x1	uugguucucacccaacagaucc	0
Gi1_4205325_x1	ccgAcguaguauaacggcuaga	1
Gi3_28362273_x1	cucaGccaacagauccgg	1
Gi1a_6163184_x1	uccggcguaguauaacggcuAa	1
Gi1_4176742_x1	aacagauccggguucgauucccgUgccg	1
Gi2_11026130_x1	uccggGguaguauaacggcuag	1
Gi2_11215724_x1	guuNguucccgccgag	1
Gi5_9033874_x1	ugguucucacccaacagauAcgg	1
Gi1a_6158177_x1	ggucgauucccgccAgga	1
Gi5_8870721_x1	ugguucucaccUaacagauccgg	1
Gi2_11185963_x1	ggucgauucccgccgagcAuuuc	1
Gi2_11016230_x1	uucgauucccgccAg	1

G1a_6038980_x1.....gguucgauucccgUgcccggagc..... 1
 Gi2_11294964_x1.....gcAuaguauaacggcuagaau..... 1
 Gi3_28400890_x1.....uccggcguaguauaacUgcuag..... 1
 Gi2_11358279_x1.....gguucgauucccggcgcggagcgC..... 1
 Gi3_28271680_x1.....gguucgauucccgGgcc..... 1
 G1a_6137072_x1.....uUcggcguaguauaacggcu..... 1
 Gi3_28813952_x1.....ucgGuucccggcgcggag..... 1
 Gi3_28580755_x1.....ucucacccaacagauccA..... 1
 Gi5_9097929_x1.....gguucucacccaacUgauccg..... 1
 Gi3_28811273_x1.....gguucCauucccggcgcggag..... 1
 Gi3_28764665_x1.....gguucucGcccaacagauccgggu..... 1
 Gi3_28715958_x1.....ggguCcgauucccggcgcggag..... 1
 Gi5_9003785_x1.....uucucacccaacagauccAg..... 1
 Gi5_8840570_x1.....gguucgauucccggcgcggag..... 1
 Gi5_9052659_x1.....gguucucanccaacagauccg..... 1
 Gi5_9083362_x1.....uucucacccaacagauUcgg..... 1
 Gi5_9088725_x1.....uccggcguaguauaacAgcu..... 1
 Gi5_9056797_x1.....ggUguaguauaacggcuagaau..... 1
 Gi5_9120741_x1.....gguNcgauucccggcgc..... 1
 Gi2_11276863_x1.....cucacccaUagauccg..... 1
 Gi5_9106722_x1.....cgauucccggcgcUggagcguuuc..... 1
 Gi1_4346213_x1.....gguucgauucccggcgcg..... 1
 Gi3_28973006_x1.....cagauccgggGucgauucccggcgcg..... 1
 Gi5_9070166_x1.....ucuUacccaacagauccg..... 1
 Gi5_8959419_x1.....ccggcguaNuauaacggcuagaau..... 1
 Gi4_592725_x1.....gguucgauucccggcgcggagc..... 1
 Gi5_9082398_x1.....uucgGuucccggcgcg..... 1
 Gi1_4264312_x1.....ucucaUccaacagauccg..... 1
 Gi3_28509370_x1.....ugguucucaccccUacagaucc..... 1
 Gi3_28599412_x1.....gguucucacAcaacagauccg..... 1
 Gi2_11366968_x1.....uccggcguUguauaacggcuag..... 1
 Gi3_28481247_x1.....uucucacccaacagCuccg..... 1
 G1a_6242963_x1.....ucAcacccaacagauccg..... 1
 Gi2_11172189_x1.....aguccAgcguaguauaacggcuaga..... 1
 Gi1_4368827_x1.....gguucgauucccggcgcCgagc..... 1
 Gi1_4289921_x1.....uccggcguaguUuaacggcuagaau..... 1
 Gi1_4213676_x1.....uccggcguaguauaacCgcuagaau..... 1
 Gi1_4224178_x1.....gguucgauucccggcgcg..... 1
 Gi3_28585848_x1.....Uuccggguucgauucccggcgcgga..... 1
 Gi2_11352222_x1.....ucNggcguaguauaacggcuaga..... 1
 Gi2_11107507_x1.....uNcggcguaguauaacggcuaga..... 1
 Gi4_571218_x1.....gguucgauucccggcgcA..... 1
 Gi3_28615613_x1.....Ugauccggguucgauucccggcgcg..... 1
 Gi5_9007389_x1.....gguucgauucccggcgcgUagc..... 1
 Gi2_11396827_x1.....gguucgauucccggcgcg..... 1
 G1a_6002738_x1.....gCuucgauucccggcgcg..... 1
 Gi3_28516877_x1.....agaucggguCcgauucccggcgcg..... 1

Gl1a_6353152_x1	.....gguucAauucccgcgccggagc	1
Gl1a_6289377_x1	.....gguucgauucccgcgccggGg	1
Gl1a_6256295_x1	.....gguucgauucUcgcgccgga	1
Gi1_4256719_x1	.....gguucucaccaGcagauc	1
Gi5_8883160_x1	.....aguccggcguGguauaacgg	1
Gi1_4372405_x1	.....uccggcguaguauGacggcua	1
Gi3_28778243_x1	.....cccaacagaucUggguucgauuccc	1
Gi2_11010459_x1	.....ucgaCucccgcgccgga	1
Gi3_28305474_x1	.....ggcguaguauaaUggcuaga	1
Gl1a_6305575_x1	.....gguucgauucccgCcgccgg	1
Gi5_8838262_x1	.....gguucgauAcccgcgccgga	1
Gi2_11264536_x1	.....gauucccgcgccgAagc	1
Gi2_11272262_x1	.....uccggcUuaguauaacggcua	1
Gi5_8979582_x1	.....uccggcguaguaGaacggcuag	1
Gi5_8866384_x1	.....ucgauucccgcgccggC	1
Gi5_8893444_x1	.....ucgauucccgcgccgCagc	1
Gi5_8855692_x1	.....ucucaccaacagaucGg	1
Gl1a_6330116_x1	.....gguucgauucccgcgCcgaggc	1
Gi5_9132765_x1	.....ucucacGcaacagauccgg	1
Gi2_11128906_x1	.....guucucaccaacagauccgA	1
Gi3_28297477_x1	.....gguucucaAccaacagauccg	1
Gl1a_6215091_x1	.....uccggcguaguGuaacggc	1
Gi4_604906_x1	.....gguucgauuccAgcgccgg	1
Gi2_11243308_x1	.....uccggcCuaguauaacggcuag	1
Gi3_28318453_x1	.....gguNcgauucccgcgccg	1
Gi2_11151932_x1	.....uccggguucgauuccUggcgccgga	1
Gi2_11001660_x1	.....ugguucucaccccUacagauccg	1
Gi5_8954286_x1	.....gauucccgcgccggaUc	1
Gi5_8915072_x1	.....uucucaccaacagauUcg	1
Gl1a_6035510_x1	.....guucgaCucccgcgccggag	1
Gi3_28897993_x1	.....gaGccggguucgauuccc	1
Gi3_28584321_x1	.....agauccggguucgauucccgcgccggGg	1
Gi5_9037534_x1	.....uucucaccaacagaGccg	1
Gi2_11077824_x1	.....aUcagaucggguucgauucccgcgccg	1
Gi1_4247162_x1	.....gguucgauucccgAgccggag	1
Gi3_28346100_x1	.....aucggguucgauucccgccC	1
Gi5_9092870_x1	.....uccggcguaguaGaacggcuagaa	1
Gi5_8940077_x1	.....uucgauucccgcgccgga	0
Gi2_11257600_x1	.....uucucaccaacagGuccgg	1
Gi5_9036811_x1	.....uccggcguaguauUacggcuagaa	1
Gl1a_6278848_x1	.....gguucgauucccgccCccggagc	1
Gl1a_6150146_x1	.....uucucaccaacGgauccg	1
Gi1_4223970_x1	.....gguucgauucccgcgCgGga	1
Gi4_595660_x1	.....cucaccaacagauccggguucA	1
Gi4_567782_x1	.....Gucaccaacagauccggguucg	1
Gi2_11248111_x1	.....gguuGucaccaacagauccg	1
Gi2_11333413_x1	.....guucgaAucccgcgccgga	1

Gi5_9130071_x1	..... agauccggguCcgauucc	1
Gi1_4364259_x1	..... gguucgauucAcggcgccggag	1
Gi2_11294532_x1	..... uucgauucccgAcgccgga	1
Gi5_9119994_x1	..... cUggcguaguauaacggcua	1
Gi1a_6021359_x1	..... uccggcguaguaAaacggcuaga	1
Gi3_28424338_x1	..... gauccggguucgauuccggU	1
Gi4_596825_x1	..... uccggcguaguauaacggUuag	1
Gi3_28538480_x1	..... gguucgauucccgggcgGc	1
Gi3_28568661_x1	..... gguucucacccaacagaCcc	1
Gi1_4378852_x1	..... agauccggguucgauucUc	1
Gi5_9050029_x1	..... gauccggguucgauucccgUgccgga	1
Gi5_9053796_x1	..... uccggUguaguauaacggcu	1
Gi1_4221446_x1	..... gguucucacccaacaCauccg	1
Gi5_8876399_x1	..... uccggcguaguCuaacggcu	1
Gi2_11155780_x1	..... guucucacccaacagCuccgg	1
Gi1_4255937_x1	..... ccggUguaguauaacggcuag	1
Gi5_9078320_x1	..... uucucacccaacUgauccgg	1
Gi3_28662358_x1	..... uccggcguagAauaacggcu	1
Gi2_11002141_x1	..... gGguaguauaacggcuagaa	1
Gi1_4274575_x1	..... ccggcguagAauaacggcua	1
Gi1a_6100783_x1	..... gguucgauucccgAcgccg	1
Gi3_28555333_x1	..... ucgauucccgcgccggaC	1
Gi2_11146961_x1	..... gguucgauucccgcgccggagcgC	1
Gi2_11386236_x1	..... agaNccggguucgauucc	1
Gi2_11386665_x1	..... ucgauucccgGgccgga	1
Gi1a_6047473_x1	..... guucgauucccgcgccgCagc	1
Gi5_9116262_x1	..... uUucacccaacagauccgg	1
Gi4_605653_x1	..... uccggcguaguauaGcggcuagaa	1
Gi5_9001791_x1	..... cUauucccgcgccggagcguuucc	1
Gi3_28684600_x1	..... uucgauuUccggcgccgg	1
Gi2_11023000_x1	..... uccggcguaguUuaacgg	1
Gi1_4342867_x1	..... cgauucccgcgccggagcU	1
Gi3_28465680_x1	..... ccggcguGguauaacggcuaga	1
Gi1_4214955_x1	..... ccggcguaguauaCcgccuaga	1
Gi5_9082625_x1	..... uucgCuucccgcgccgg	1
Gi3_28320605_x1	..... gguucucacccaacUgaucc	1
Gi5_9047258_x1	..... gguucgauucccgAcgccggagcgu	1
Gi5_8884712_x1	..... uucgauuAccggcgccgg	1
Gi1_4250048_x1	..... ccggcguagGauaacggc	1
Gi2_11375064_x1	..... ccaacagaNccggguucgauucccgcgccggagc	1
Gi5_8847668_x1	..... ugguucucacccaacagauUcgggu	1
Gi1a_6004882_x1	..... guucucacccaacCgauccg	1
Gi3_28550482_x1	..... cucaUccaacagauccgg	1
Gi5_8911041_x1	..... cguaguauaacAgcuagaaugguugguuc	1
Gi2_11395681_x1	..... uccggcguauuaaacggc	1
Gi1_4277007_x1	..... guucgauucccggcUccgg	1
Gi3_28783571_x1	..... ccggcguGguauaacggcuagaa	1

Gi1_4348091_x1	.....gguucgauucccgcgccCga	1
Gi1_4320148_x1	.....Cgcguaguauaacggcua	1
Gi3_28984927_x1	.....uugguucucacccaacagGucc	1
Gi2_11088551_x1	.....cgauuccggcgccggagcU	1
Gi1_4186097_x1	.....agauccggguucgaCuccc	1
Gi5_8883410_x1	.....uucucacccaacagCuccgg	1
Gi2_11193403_x1	.....cccaacagCuccggguuc	1
Gi1_4302283_x1	.....guucucacccaacagaucAgg	1
Gi3_28584641_x1	.....ggguucgauucccgcgcc	0
Gi5_8937867_x1	.....guucCauucccgcgccggag	1
Gi3_28594797_x1	.....ggcAuaguauaacggcuag	1
Gi2_11090701_x1	.....uucucacccaacagaGccggguucg	1
Gi3_28327543_x1	.....guucucacccaacagaucUgg	1
Gi3_28405878_x1	.....cagaucggguucgauucccgcgccg	0
Gi1_4228899_x1	.....gguucgauuccGggcgccggag	1
Gi4_579742_x1	.....guCcgauucccgcgccgg	1
Gi2_11021314_x1	.....ucgauucccAgcgccggagc	1
Gi3_28702826_x1	.....cgGuucccgcgccggag	1
Gi3_28748721_x1	.....ugguucucaccccCacagauccg	1
Gi3_28910686_x1	.....Aauccggguucgauucccgcgccggag	1
Gi3_28644290_x1	.....gggGucgauucccgcgccgga	1
Gi1_4278672_x1	.....caGcagaucggguucgauucccggc	1
Gi3_28680340_x1	.....Nuucgauucccgcgccg	1
Gi1a_6250668_x1	.....guucgauucccgUgccg	1
Gi1_4339347_x1	.....uccggcguaguauaacggcAag	1
Gi3_28923520_x1	.....cCauucccgcgccggag	1
Gi1_4236171_x1	.....aAauccggguucgauucc	1
Gi3_28444929_x1	.....uGcggguucgauucccgcgccg	1
Gi1_4186633_x1	.....uGacccaacagauccgggu	1
Gi5_8916686_x1	.....uucgauucccgcgccAg	1
Gi3_28332252_x1	.....aCauccggguucgauucccgcgccggag	1
Gi1_4332899_x1	.....ugguucucacccaUcagauccg	1
Gi5_8956689_x1	.....ucucGcccaacagauccgg	1
Gi5_8890193_x1	.....guucgauucccgcgccggGg	1
Gi5_9016590_x1	.....guuNucacccaacagauccgg	1
Gi2_11222589_x1	.....ucgauucccAgcgccgga	1
Gi3_28582943_x1	.....ggguucgauucccgGAgccgga	1
Gi2_11303749_x1	.....guucgaAuucccgcgccgg	1
Gi4_578888_x1	.....uccggcguNguauaacggcua	1
Gi5_9134220_x1	.....uccggcguaguauaaAggcuagaa	1
Gi1a_6171124_x1	.....uccggcguaguauaacgAc	1
Gi2_11304603_x1	.....uccggcguaguGuaacggcuagaa	1
Gi5_9073159_x1	.....guucuUacccaacagauccgg	1
Gi5_8950806_x1	.....guucgauuUccggcgccggagc	1
Gi1_4165515_x1	.....guugguucCcacccaacagauccgggu	1
Gi2_11352187_x1	.....uccggcguaguauaacggcAaga	1
Gi2_11320157_x1	.....uccggcguaguauaaGggcuagaa	1

Gi5_8872269_x1	.....guucgauucccgcgUcggag	1
Gi1_4206479_x1	.....ccggcguUguauaacggcua	1
Gi5_9045801_x1	.....ccggcguaguauCacggcuag	1
Gi1_4240235_x1	.....Nggucucaccaacagauccgg	1
Gi1_4230805_x1	.....ccggcguaguCuaacggc	1
Gi3_28881903_x1	.....Cccggguucgauuccggcgccg	1
Gi3_28419247_x1	.....ucacccaacagauccggguU	1
Gi2_11074895_x1	.....agGccggcguaguauaacgg	1
Gi2_11251255_x1	.....uccggcguaguauaacCgcuagaa	1
Gi1_4313075_x1	.....guucgauucccgGAccg	1
Gi4_592962_x1	.....gAuucgauucccgcgccggagc	1
G1a_6175626_x1	.....uccggcguaguauaacggcuagCa	1
Gi5_9101401_x1	.....ucGcaccacaacagauccgggu	1
Gi2_11252747_x1	.....uccggcguaguauaacggGuagaau	1
Gi3_28855045_x1	.....uccggcguaguauaacUgc	1
Gi1_4338121_x1	.....auccggguucgGuucccgcgccgg	1
Gi2_11278841_x1	.....gguGcgauuccggcgccggag	1
Gi5_9038510_x1	.....gguucgAuucccgcgccgg	1
Gi5_9026824_x1	.....agauAcggguucgauucc	1
Gi3_28737152_x1	.....uucucaccaacagauccgg	1
G1a_6239732_x1	.....gguucgauucccgcgccUgagc	1
Gi5_8901004_x1	.....cggcguGguauaacggcuagaau	1
G1a_6170784_x1	.....guucgauucccgcgccAg	1
Gi1_4288143_x1	.....Gcggcguaguauaacggcuag	1
Gi2_11272735_x1	.....cgggguucgauCcccggcgccgga	1
Gi3_28641596_x1	.....gguucucaccaGcagaucc	1
Gi5_9073493_x1	.....cagauccggguucgauucccgAgccg	1
Gi3_28642363_x1	.....guGcucaccaacagauccgg	1
Gi5_8832460_x1	.....gguCcucaccaacagaucc	1
Gi5_9050163_x1	.....uucuAaccaacagauccg	1
Gi2_11271428_x1	.....gguucgAuucccgcgccg	1
Gi5_8888853_x1	.....guucgauucccgcgGcggagc	1
Gi1_4264589_x1	.....ucgauucccgUgcccggagc	1
Gi3_28890051_x1	.....guucgauuccUgcccggag	1
Gi1_4170752_x1	.....ugguucucaccaacagauccC	1
Gi5_8833944_x1	.....uugguucuNaccaacagauccg	1
Gi1_4266422_x1	.....uucucaccaacagauccU	1
Gi3_28922062_x1	.....Auucucaccaacagauccggg	1
Gi2_10999928_x1	.....gguucgauuccGggcgccgga	1
Gi5_9001980_x1	.....guucgauGcccggcgccg	1
Gi5_8902752_x1	.....uccggcguaguauaaUggcuagaugguu	1
Gi5_9025860_x1	.....ugguucAcaccaacagauccgggu	1
Gi5_9031108_x1	.....Gcggcguaguauaacggcuaga	1
Gi5_8992574_x1	.....uccgUcguaguauaacggcuagaug	1
Gi3_28829414_x1	.....cucaccaacagauccgA	1
Gi5_9109561_x1	.....uccggcCuaguauaacggcua	1
Gi1_4260944_x1	.....gguucucaccaacGgauccgg	1

Gi2_11072067_x1	ggguucgauucccgcgccg	0
Gi1_4175714_x1	gguucgauucccgcgGcggagc	1
G1a_5999775_x1	Cucucaccaacagauccg	1
Gi3_28351550_x1	uccggcguaguaAaacggc	1
Gi2_11381308_x1	guucgauucccgcgccU	1
Gi2_11133986_x1	cgguucgauucccAgcgcgga	1
Gi5_9120986_x1	ugguucucaccAaacagauccg	1
Gi2_11040866_x1	uccggAguaguaaacggcuagaau	1
Gi5_9025560_x1	gguucgauucccgcgccggaC	1
Gi2_11243515_x1	guaguaaacggcuagaau	0
Gi5_8840835_x1	uccggguucgauucUcggc	1
Gi1_4159212_x1	Ggauuccggguucgauuccc	1
Gi1_4221935_x1	ggcguaguauCacggcua	1
Gi3_28377151_x1	ugguucucaccAaacagauccg	1
Gi2_11366958_x1	uccggcguauuaaacgg	1
Gi1_4275615_x1	uccggcguUguuaaacggcu	1
Gi2_11139607_x1	cggcCuaguaaacggcuaga	1
Gi1_4246585_x1	uccggcguagAuaaacggcuag	1
Gi3_28888618_x1	ucgauucccgcgAccggagc	1
Gi3_28425353_x1	caacagauccgggCucgauuccc	1
Gi2_11142208_x1	cggcguagCauaacggcua	1
Gi3_28475828_x1	cagauccggguucgCuuccc	1
Gi3_28344005_x1	cccaacagauccUggguucgauuccc	1
Gi5_8849942_x1	aguccggcguaguaaacggcuagaaAgg	1
Gi3_28361274_x1	agaucggguucgauucUc	1
Gi3_28558286_x1	guucgauucccgAcgccg	1
Gi2_11007588_x1	guucgaGucccggcgccggag	1
Gi3_28303949_x1	guucucaccAaacagauccg	1
Gi5_9026658_x1	aGagauccggguucgauucccgcg	1
Gi1_4267734_x1	auccgAguucgauucccgcgccg	1
Gi1_4248739_x1	ccggcguaguauaGcggcuaga	1
Gi2_11324069_x1	cAgguucgauucccgcgccgga	1
Gi5_9077290_x1	uucgaCucccgcgccggagc	1
Gi2_11148909_x1	uccggcguaguauaCcggc	1
Gi5_8886401_x1	cggcguaguuaaacggcuagCau	1
Gi3_28920241_x1	caacagauccggguucgGuuccc	1
Gi5_8969081_x1	gguucucaccaacagauccAgguu	1
Gi2_11344505_x1	uccggcguaguuaaacggcuagaG	1
G1a_6340775_x1	uccggcguaguuaaacggcuagaG	1
G1a_6301306_x1	gguucgauCcccggcgccggagc	1
Gi3_28570107_x1	ccggcguaguauaaAggcua	1
Gi3_28576477_x1	ucAauucccgcgccggag	1
G1a_6219977_x1	ucAggcguaguuaaacggcuaga	1
Gi2_11047646_x1	Agcguaguuaaacggcuaga	1
Gi4_570127_x1	guCcgauucccgcgccg	1
Gi5_9045643_x1	agaucggguucgUuuccc	1
Gi5_9129758_x1	gguucgauucccgcgGg	1

Gi5_8910947_x1	uccggcgGaguauaacggcua	1
Gi5_8876071_x1	guucgaGucccgcgccgga	1
Gi5_8846494_x1	uccggcguaAuauaacggcuagaa	1
Gi3_28878353_x1	uccNgcguaguauaacgg	1
Gi1_4274906_x1	uucucaccccCacagaucgg	1
Gi5_9018585_x1	gguucgaAuuccggcgccggag	1
Gi3_28869815_x1	uucuUacccaacagauccgg	1
Gi2_11157373_x1	agaucggggCucgauucc	1
Gi1_4213675_x1	uccggcgAaguauaacgg	1
Gi3_28825253_x1	uccggGguaguauaacggc	1
Gi2_11310277_x1	uccggcguaaguauaacgUcuagaa	1
Gi2_11061560_x1	gguucgauuccggcgccggagcAu	1
Gi1_4296833_x1	ccggcAuaguauaacggc	1
Gi1_4248429_x1	guucgauuccGggcgccg	1
Gi2_11071232_x1	uccggcguaaguauaacCg	1
Gi5_9070817_x1	ggcguaAuauaacggcuaga	1
Gi3_28903629_x1	uccggguucgaCucccgcgccgga	1
Gi3_28851276_x1	caacagauccggguucAa	1
Gi5_8952807_x1	uucgauCcccgcgccgg	1
Gi3_28507336_x1	ucgauucccgcgAcgga	1
Gi2_11140477_x1	uucucacccaacagauccgA	1
Gi3_28323490_x1	ugguucucacUaacagauccggguucga	1
Gi1_4176203_x1	uccggcguaCaacggcuagaa	1
Gi1_4330992_x1	guucgaGucccgcgccg	1
Gi5_8886018_x1	Ucggcguaaguauaacggcu	1
Gi2_11060369_x1	uccggcguaaguauaacggcuagaaugu	0
Gi2_11318275_x1	uGcucacccaacagauccggguucg	1
Gi3_28263398_x1	cguaguauaacggcuagC	1
Gi5_8892467_x1	cUaacagauccggguuc	1
Gi1_4259039_x1	guucuAacccaacagauccg	1
Gi3_28376579_x1	guucgauUccggcgccg	1
Gi3_28684001_x1	uccggcguaCuauaacggcuagaa	1
Gi1a_6177820_x1	uucgauucccgcgccgAagc	1
Gi4_612632_x1	gGucgauucccgcgccg	1
Gi1_4185751_x1	ggCucucacccaacagauccgg	1
Gi3_28796834_x1	uccggcguaaguauaaGggcuagaau	1
Gi3_28846649_x1	cgauucccgcgccggagcgC	1
Gi2_11168535_x1	uucgauucccgcgccUga	1
Gi1_4274785_x1	caacagauccgAguucgauucccg	1
Gi3_28513235_x1	uNcggcguaaguauaacgg	1
Gi5_8925769_x1	guucgaAuuccggcgccggagcguu	1
Gi5_9102986_x1	ccggcguaGcauacggcuaga	1
Gi3_28552136_x1	ucgauucccgcgccggU	1
Gi4_578344_x1	uugguucucaccccGacaga	1
Gi3_28782911_x1	ggguucgGuuccggcgccggag	1
Gi3_28368155_x1	ggNucgauucccgcgccgga	1
Gi5_8984487_x1	Uacccaacagauccggguucga	1

Gi1_4194051_x1	.....guGcgauucccgcgccg	1
Gi3_28983412_x1	.....ucucacccaacagauUcgg	1
Gi2_11173314_x1	.....gNuucgauucccgcgccggagc	1
Gi1_4250444_x1	.....ccggcguaguaCaacggcua	1
Gi5_8938866_x1	.....uccggcguaguaaacggcuaU	1
Gi1_4180272_x1	.....ucucCcccaacagauccg	1
Gi1a_6138565_x1	.....gguucgauucccgcgccggagcU	1
Gi1_4374816_x1	.....Ccgauucccgcgccggagc	1
Gi3_28712356_x1	.....guucgauuccGggcgccggag	1
Gi5_9047984_x1	.....gCGuaguuaGcgguaga	1
Gi1a_6299274_x1	.....gguucgauuccUcgccggag	1
Gi2_11054248_x1	.....ccggcguaNuuaaacggcua	1
Gi2_11154278_x1	.....gguucgauAccggcgccg	1
Gi3_28317899_x1	.....gCucacccaacagauccgggu	1
Gi5_8970129_x1	.....uugguucucAcAacagauccg	1
Gi1_4241313_x1	.....cCgauccggguucgauucccgcgcc	1
Gi2_11361890_x1	.....ccggguucgauucccgcgUcgg	1
Gi3_28712821_x1	.....guucgauucccCgcgccg	1
Gi2_10997619_x1	.....ucgauucccgcgccggagcU	1
Gi1_4286025_x1	.....gguucucUcccaacagauccg	1
Gi5_9133689_x1	.....uccggcguaguaaacggcuaUaau	1
Gi1_4354408_x1	.....ucucacccaacagauccgA	1
Gi5_9063159_x1	.....gguucucacccaacagUuccgggu	1
Gi1_4275075_x1	.....cagauccgggCucgauucccgcgcc	1
Gi2_11059949_x1	.....uccggcguaguaaacAguagaa	1
Gi3_28953674_x1	.....ccggcguaguauaaAggc	1
Gi1_4280151_x1	.....guucgUuucccgcgccgga	1
Gi5_9067202_x1	.....uccggcguagCauaacggcu	1
Gi3_28349661_x1	.....ucacccaacagauccggAuuc	1
Gi3_28827725_x1	.....uccggguucgauAccggcgccgga	1
Gi2_11330651_x1	.....uccggguucgauucccgcgUcgg	1
Gi3_28759380_x1	.....Ggguucucacccaacagauccgg	1
Gi3_28471742_x1	.....ucucAcAacagauccgg	1
Gi3_28902627_x1	.....ccggcguaguauaacgAc	1
Gi2_11244713_x1	.....ucgauucccgcgccAga	1
Gi5_8905453_x1	.....uucucacccaacCgauccgggu	1
Gi3_28376183_x1	.....gguucgUuucccgcgccgg	1
Gi3_28748657_x1	.....ccAgcguaguaaacggcuag	1
Gi5_8891075_x1	.....cucacccaaAagauccg	1
Gi5_8924460_x1	.....ugguucucGccaacagauccg	1
Gi2_11124518_x1	.....gguucgauAcccgcgccgga	1
Gi2_11209821_x1	.....uccggcguauuaaacggcuagaa	1
Gi2_11275391_x1	.....ucgauucccgcgccggagA	1
Gi2_11284605_x1	.....cagauccggCuucgauucccgcgccggag	1
Gi3_28423031_x1	.....cagauccggguucgauucccgcgccgC	1
Gi3_28718085_x1	.....ugguucucacccaacagauU	1
Gi5_9125734_x1	.....uucucacccaacagUuccggguuc	1

Gi5_3810050_x7380.....	uccggcguaguauaacggcuag.....	0
Gi3_13864308_x6910.....	gguucgauucccggcgcgcg.....	0
Gi5_3872205_x6628.....	gguucucacccaacagauccg.....	0
Gi2_3537957_x6599.....	guucgauucccggcgcgcggagcC.....	1
Gi3_14018747_x6489.....	Uguucgauucccggcgcgcggagc.....	1
Gi3_14430267_x5377.....	guucgauucccggcgcgcggag.....	0
Gi5_3990121_x5185.....	gguucgauucccggcgcgcggagcC.....	1
Gi3_14604826_x4914.....	gguucgauucccggcgcgcgg.....	0
Gi1_1946380_x4673.....	gguucgauucccggcgcgcgg.....	0
Gi3_14790128_x4604.....	gUuucgauucccggcgcgcggagc.....	1
Gi1_1960321_x4547.....	uccggcguaguauaacgg.....	0
Gi2_3825436_x4527.....	gguucgauucccggcgcgcggag.....	0
Gi5_4103580_x4349.....	guucucacccaacagauccg.....	0
Gi2_3883487_x4338.....	gguucgauucccggcgcgc.....	0
Gi5_4133188_x4096.....	gguucgauucccggcgcgcg.....	0
Gi3_15101518_x4074.....	uccggcguaguauaacggcuag.....	0
Gi1_1995350_x4001.....	uccggcguaguauaacggcuag.....	0
Gi3_15217882_x3936.....	gguucucacccaacagauccg.....	0
Gi5_4205184_x3893.....	uccggcguaguauaacggcua.....	0
Gi5_4228222_x3725.....	uccggcguaguauaacgg.....	0
Gi3_15427175_x3678.....	uccggcguaguauaacggcuagaau.....	0
Gi5_4301044_x3513.....	uccggcguaguauaacggcuagaau.....	0
Gi3_15580261_x3458.....	gguucgauucccggcgcgc.....	0
Gi2_4129219_x3450.....	gguucgauucccggcgcgcg.....	0
Gi5_4325292_x3416.....	uccggcguaguauaacggc.....	0
Gi5_4342263_x3360.....	gguucgauucccggcgcgcgga.....	0
Gi1_2046517_x3321.....	ugguucucacccaacagauccg.....	0
Gi1_2049838_x3306.....	guucucacccaacagauccg.....	0
Gi1_2059731_x3261.....	uucucacccaacagauccg.....	0
Gi2_4175715_x3240.....	Uguucgauucccggcgcgcggagc.....	1
Gi3_15854949_x3080.....	uucucacccaacagauccg.....	0
Gi2_4263674_x3014.....	uccggcguaguauaacggc.....	0
Gi2_4266688_x3008.....	guucgauucccggcgcgcg.....	0
Gi1_2084611_x2882.....	uucucacccaacagauccg.....	0
Gi3_16166426_x2766.....	uccggcguaguauaacgA.....	1
Gi2_4338576_x2763.....	gguucgauucccggcgcgcgga.....	0
Gi3_16196749_x2745.....	guucgauucccggcgcgcg.....	0
Gi5_4464014_x2733.....	uucucacccaacagauccg.....	0
Gi5_4466747_x2732.....	guucgauucccggcgcgcgga.....	0
Gi1_2098525_x2672.....	Uuucgauucccggcgcgcgg.....	1
Gi1_2106457_x2553.....	guucgauucccggcgcgcggagcC.....	1
Gi3_16419246_x2520.....	uccggcguaguauaacggcuagaa.....	0
Gi1_2118934_x2435.....	uccggcguaguauaacggcua.....	0
Gi5_4584884_x2359.....	gguucgauucccggcgcgcgg.....	0
Gi2_4550526_x2301.....	gUuucgauucccggcgcgcggagc.....	1
Gi3_16719768_x2271.....	ucgauucccggcgcgcggagcC.....	1
Gi1_2160670_x2236.....	guucgauucccggcgcgcgga.....	0

Gi1_2162906_x2212	.....gguucucacccaacagauccg	0
Gi2_4595781_x2187	.....uccggcguaguauaacggcua	0
Gi2_4659874_x2088	.....guucgauucccgcgccgga	0
Gi5_4689295_x2063	.....guucgauucccgcgccggagc	1
Gi2_4678540_x2059	.....guucgauucccgcgccggag	0
Gi1_2196056_x1931	.....uccggcguaguauaacggcuaga	0
Gi5_4746918_x1924	.....gguucgauucccgcgcc	0
Gi3_17173976_x1910	.....guucucacccaacagauccg	0
Gi3_17258833_x1863	.....uucucacccaacagauccgg	0
Gi5_4797320_x1809	.....guucgauucccgcgccggagc	0
Gi5_4829364_x1752	.....gguucgauucccgcgccggag	0
Gi1_2219646_x1714	.....guucucacccaacagauccg	0
Gi2_4889877_x1702	.....uccggcguaguauaacgg	0
Gi5_4856838_x1692	.....cucacccaacagauccgg	0
Gi3_17723670_x1584	.....Uguucgauucccgcgccgga	1
Gi2_5042785_x1544	.....gguucucacccaacagauccg	0
Gi1_2263260_x1508	.....guucgauucccgcgccg	0
Gi2_5126744_x1455	.....uccggcguaguauaacggcuag	0
Gi5_4974773_x1454	.....ugguucucacccaacagauccg	0
Gi1_2279516_x1437	.....gGucgauucccgcgccgg	1
Gi3_18002792_x1423	.....ucgauucccgcgccggagc	0
Gi2_5159750_x1419	.....uccggcguaguauaacggcuagaau	0
Gi2_5190590_x1386	.....uucucacccaacagauccg	0
Gi3_18114895_x1376	.....Uguucgauucccgcgccggag	1
Gi1_2308841_x1354	.....ugguucucacccaacagauccg	0
Gi3_18209951_x1340	.....Gccggcguaguauaacggcuaga	1
Gi2_5265076_x1323	.....ucgauucccgcgccggagc	0
Gi3_18253831_x1317	.....Uuucgauucccgcgccgg	1
Gi2_5286105_x1300	.....guucucacccaacagauccg	0
Gi1_2332554_x1264	.....gguucgauucccgcgccggagc	0
Gi5_5082952_x1247	.....guucucacccaacagauccgg	0
Gi1_2340050_x1226	.....guucgauucccgcgccggagc	0
Gi3_18631876_x1148	.....Uuucgauucccgcgccgga	1
Gi5_5178308_x1083	.....Uuucgauucccgcgccgg	1
Gi5_5191186_x1059	.....Uuucgauucccgcgccg	1
Gi3_18881639_x1044	.....gUuucgauucccgcgccgga	1
Gi2_5612893_x1032	.....Uuucgauucccgcgccggagc	1
Gi3_18985137_x1003	.....Uuucgauucccgcgccggagc	1
Gi5_5228053_x994	.....uccggcguaguauaacggcuagaa	0
Gi2_5713753_x968	.....uccggcguaguauaacggcuagaa	0
Gi3_19108956_x964	.....gUuucgauucccgcgccggag	1
Gi3_19131046_x956	.....ugguucucacccaacagauccg	0
Gi1_2424457_x950	.....uccggcguaguauaacggc	0
Gi5_5277356_x931	.....Uguucgauucccgcgccggagc	1
Gi3_19223083_x923	.....uucgauucccgcgccggagc	0
Gi3_19277081_x906	.....gauucccgcgccggagc	0
Gi2_5857907_x868	.....Uuucgauucccgcgccgg	1

Gi5_5341340_x840.....	ucucacccaacagauccg.....	0
G1a_3705913_x820.....	uccggcguaguauaacggcuaga.....	0
Gi2_5947887_x817.....	ugguucucacccaacagauccg.....	0
Gi1_2480982_x805.....	gguucgauucccggcgcgcg.....	0
Gi3_19615623_x803.....	Uguucgauucccggcgcgcg.....	1
G1a_3739453_x774.....	gguucgauucccggcgcgcgagc.....	0
Gi3_19734571_x772.....	guucucacccaacagauccgg.....	0
Gi2_6110175_x725.....	gguucgauucccggcgcgcg.....	0
Gi5_5431764_x722.....	Uguucucacccaacagauccg.....	1
Gi5_5453834_x702.....	uucucacccaacagauccgg.....	0
Gi3_20044512_x691.....	gGucgauucccggcgcgcccg.....	1
Gi3_20062420_x686.....	guucgauucccggcgcgcccC.....	1
Gi2_6221840_x679.....	uccggcguaguauaacgA.....	1
Gi5_5504875_x652.....	gUuucgauucccggcgcgcgagc.....	1
Gi1_2562309_x634.....	gguucgauucccggcgcgcccga.....	0
Gi3_20331714_x633.....	Aguucgauucccggcgcgcccgagc.....	1
Gi3_20356944_x628.....	cgauucccggcgcgcccgagc.....	0
G1a_3873470_x626.....	uccggcguaguauaacggcuag.....	0
Gi3_20450237_x607.....	uucgauucccggcgcgcccga.....	0
Gi3_20477458_x603.....	uucgauucccggcgcgcccgagcC.....	1
Gi3_20490687_x600.....	gGucgauucccggcgcgcccga.....	1
Gi3_20592804_x574.....	gauucccggcgcgcccgagcC.....	1
Gi3_20641249_x565.....	gguucgauucccggcgcgcccC.....	1
Gi2_6524433_x562.....	gGucgauucccggcgcgcccgagc.....	1
Gi3_20654213_x562.....	guucgaCucccggcgcgcccgagc.....	1
Gi3_20695535_x555.....	uGcggcguaguauaacggcuaga.....	1
Gi3_20711587_x552.....	gguucgauNcccggcgcgcccgagc.....	1
Gi3_20742876_x547.....	gUuucgauucccggcgcgccc.....	1
Gi5_5635437_x543.....	gGucgauucccggcgcgccc.....	1
Gi3_20766281_x542.....	ucgauucccggcgcgcccgag.....	0
Gi1_2621476_x538.....	uccggcguaguauaacggcuagaau.....	0
Gi3_20813076_x534.....	Uuucgauucccggcgcgcccgag.....	1
Gi1_2629414_x520.....	Uguucgauucccggcgcgccc.....	1
Gi3_20890919_x518.....	ucgauucccggcgcgcccga.....	0
Gi3_20912056_x514.....	Uguucgauucccggcgcgccc.....	1
Gi5_5680282_x510.....	gUuucucacccaacagauccg.....	1
Gi3_20940158_x508.....	cucacccaacagauccgg.....	0
Gi1_2635580_x506.....	uccggcguaguauaacggcu.....	0
Gi2_6718036_x497.....	gauucccggcgcgcccgagc.....	0
Gi2_6721016_x496.....	gGucgauucccggcgcgccc.....	1
Gi3_21017851_x495.....	auucccggcgcgcccgagcC.....	1
Gi2_6751449_x486.....	Uguucgauucccggcgcgccc.....	1
Gi3_21069318_x486.....	gguucgauucccggcgcgcccGgc.....	1
Gi2_6769824_x481.....	Uguucgauucccggcgcgcccgag.....	1
Gi2_6779412_x478.....	ucgauucccggcgcgcccgagcC.....	1
Gi1_2664335_x471.....	cucacccaacagauccgg.....	0
Gi3_21175959_x470.....	ucucacccaacagauccg.....	0

Gi5_5742002_x468	gGucgauucccggcgcgcg	1
Gi5_5754997_x462	Uuucucaccaacagauccg	1
Gi3_21241144_x461	gGucgauucccggcgcgcgagc	1
Gi3_21272709_x455	Uguucucaccaacagauccg	1
Gi1_2680859_x446	ucucaccaacagauccg	0
Gi1_2686601_x437	uucgauucccggcgcgcg	0
Gi5_5802448_x432	Uguucgauucccggcgcgcg	1
Gi3_21433943_x429	ggCucgauucccggcgcgcgagc	1
Gi5_5815709_x425	uccggcguaguauaacggcu	0
Gi3_21502240_x419	uccggcguaguauaacAgcuaaga	1
Gi2_7002965_x415	Uguucgauucccggcgcgcg	1
Gi3_21540181_x414	uccggcguaguauaacggcu	0
Gi1a_4132002_x412	ggauucgauucccggcgcgcgag	0
Gi3_21582156_x408	ucUggcguaguauaacggcuaga	1
Gi3_21603665_x404	uccggcguaguauaacggcuGga	1
Gi1_2728696_x387	ucucaccaacagauccg	0
Gi3_21757565_x383	uccggcguaguauaacggcuagG	1
Gi3_21767117_x381	Uguucgauucccggcgcgc	1
Gi5_5902217_x373	Uguucgauucccggcgcgcgga	1
Gi3_21824415_x373	gUuucgauucccggcgcgcg	1
Gi3_21849616_x369	cgauucccggcgcgcgagcC	1
Gi3_21850354_x369	ggauucgauucccggcgcgcgagcCu	1
Gi1_2749901_x367	ggauucgauucccggcgcgcgag	0
Gi5_5915080_x362	gauucccggcgcgcgagc	0
Gi3_21945585_x355	ugguucucaccaacagauc	0
Gi3_21982977_x351	Gccggcguaguauaacggcua	1
Gi1_2772066_x347	Uuucucaccaacagauccg	1
Gi3_22011911_x347	ccggcguaguauaacggc	0
Gi2_7279530_x347	gauucccggcgcgcgagcC	1
Gi3_22045248_x341	cagauccggguucgauucc	0
Gi1_2780262_x336	gUuucgauucccggcgcgcg	1
Gi5_5989302_x333	ggauucucaccaacagauccg	0
Gi2_7348465_x332	Aguucgauucccggcgcgcgagc	1
Gi2_7360380_x330	gUuucgauucccggcgcgcgag	1
Gi5_6005812_x327	gUuucgauucccggcgcgcg	1
Gi3_22176246_x324	uccggcguaguauaacggcCaga	1
Gi3_22209728_x320	uccggcguaguauaacggcuaA	1
Gi2_7428877_x314	Uuucgauucccggcgcgcg	1
Gi2_7451906_x308	guucgaCucccggcgcgcgagc	1
Gi3_22310260_x308	ggauucgauucccggcgcgcgGgc	1
Gi3_22313956_x308	gUuucgauucccggcgcgc	1
Gi1_2813435_x304	uccggcguaguauaacgA	1
Gi3_22350015_x303	uccggguucgauucccggcgcgcgga	0
Gi3_22355469_x303	gUuucucaccaacagauccg	1
Gi3_22369960_x301	gGucgauucccggcgcgcgag	1
Gi1a_4343709_x299	ggauucgauucccggcgcgcgagcC	1
Gi3_22406772_x297	ggauucgauuccUggcgcgcgagc	1

Gi3_22426894_x295	.....Uuucgauucccgcgccg	1
Gi3_22440421_x293	.....Cguucgauucccgcgccggagc	1
Gi3_22470199_x290	.....uucgauucccgcgccg	0
Gi1_2833307_x289	.....Uucaccaacagauccgg	1
Gi1_2837629_x286	.....gguucgauucccgcgccggagc	1
Gi2_7584647_x283	.....gUuucgauucccgcgcc	1
Gi3_22550896_x282	.....Gccggcguaguauaacgg	1
Gi2_7604625_x280	.....uucgauucccgcgccg	0
Gi3_22591439_x277	.....Gccggcguaguauaacggc	1
Gi2_7623265_x277	.....Uguucgauucccgcgccgga	1
Gi2_7633467_x275	.....gguucgauNcccgcgccggagc	1
Gi3_22625362_x274	.....uccggcguNguauaacggcuaga	1
Gi3_22667789_x270	.....guucgauucccgcgccggagcCu	1
Gi1_2865516_x267	.....guucgauucccgcgccggagcCu	1
Gi5_6179994_x266	.....Uuucgauucccgcgccgga	1
Gi3_22715945_x265	.....agauccggguucgauucc	0
Gi1_2868710_x265	.....ucgauucccgcgccggagc	0
Gi2_7692801_x265	.....gUuucgauucccgcgccg	1
Gi3_22720450_x265	.....gguucgaCucccgcgccggagc	1
Gl1a_4422156_x265	.....gguucgauucccgcgccgga	0
Gi2_7696235_x264	.....Gccggcguaguauaacggcuaga	1
Gi1_2876324_x260	.....guucgaCucccgcgccg	1
Gi5_6222628_x254	.....Uguuc.....agauccggguucgauucc	0
Gi1_2891471_x253	.....Uguucucaccaacagauccg	1
Gi5_6228460_x253	.....ccaacagauccggguuc	0
Gi5_6235510_x251	.....ucucaccaacagauccg	0
Gi5_6245734_x248	.....Uguucgauucccgcgcc	1
Gi3_22899164_x248	.....guucgaCucccgcgccgga	1
Gi1_2903961_x247	.....uUguucucaccaacagauccg	1
Gi5_6257064_x245	.....ccggcguaguauaacggcuag	0
Gi4_339684_x242	.....gguucgauucccgcgccg	0
Gi3_22994850_x240	.....gguucgGuucccgcgccggagc	1
Gi1_2928825_x236	.....uucgauucccgcgccggagcC	1
Gi3_23052063_x235	.....caccacaacagauccggguuc	0
Gi3_23081319_x233	.....uccggcguaguauaacgAcuaga	1
Gi5_6308565_x232	.....Uguucgauucccgcgccg	1
Gi1_2938596_x230	.....Cguucgauucccgcgccg	1
Gi5_6317809_x230	.....ucgauucccgcgccggag	0
Gi2_7899826_x230	.....uucgauucccgcgccggagcC	1
Gi5_6326282_x228	.....ucgauucccgcgccggagc	0
Gi5_6331966_x226	.....guucgauucccgcgccggag	0
Gi2_7938475_x225	.....gguucgauucccgcgccggCgc	1
Gi3_23176138_x225	.....uUcggcguaguauaacggcuaga	1
Gi3_23193875_x224	.....gguucgauuccUgcgccggag	1
Gi3_23200799_x223	.....guucgaCucccgcgccg	1
Gi5_6359700_x221	.....ccggcguaguauaacggcua	0
Gl1a_4538766_x220	.....uucucaccaacagauccg	0

Gi1_2963766_x219.....	gCucgauucccggcgcgg.....	1
G1a_4546649_x218.....	gguucgauucccggcgcgg.....	0
Gi2_7994399_x217.....	Uuucgauucccggcgcggag.....	1
G1a_4549477_x217.....	guucacccaacagauccg.....	0
Gi1_2970519_x216.....	uccggcguaguauaacggcuagaa.....	0
Gi3_23304530_x215.....	ucucacccaacagauccg.....	0
Gi3_23309690_x215.....	uccggcguaguauaGcggcuaga.....	1
G1a_4557874_x214.....	gguucgauucccggcgcgg.....	0
Gi5_6398702_x214.....	gUuucgauucccggcgcggga.....	1
Gi2_8017908_x214.....	uucgauucccggcgcggagc.....	0
Gi5_6408310_x213.....	Gccggcguaguauaacggcuag.....	1
Gi5_6417005_x211.....	ucgauucccggcgcggagc.....	1
Gi3_23359579_x211.....	ccggcguaguauaacggcuaga.....	0
Gi3_23382327_x210.....	guucgauucccggcgcggA.....	1
Gi1_2985636_x210.....	Uuucgauucccggcgcggga.....	1
Gi3_23458130_x204.....	uccggcguGguauaacggcuaga.....	1
Gi5_6461919_x203.....	Uguucgauucccggcgcggag.....	1
Gi5_6465567_x202.....	ugguucacccaacagauccgggu.....	0
Gi1_3010075_x201.....	uucgauucccggcgcggagc.....	0
Gi3_23506713_x201.....	caacagauccggguucgauucc.....	0
Gi3_23516931_x200.....	gguCcgauucccggcgcggagc.....	1
Gi2_8127732_x200.....	ggCucgauucccggcgcggagc.....	1
Gi2_8144076_x198.....	Uuucgauucccggcgcggga.....	1
Gi3_23560200_x197.....	gauccggguucgauucc.....	0
Gi3_23572013_x196.....	uccggcguaguGuaacggcuaga.....	1
Gi3_23573973_x196.....	gCuucgauucccggcgcggagc.....	1
Gi5_6501422_x196.....	gguucacccaacagaucc.....	0
Gi3_23604809_x194.....	uGcggcguaguauaacggcua.....	1
Gi5_6522813_x193.....	Gccggcguaguauaacggcuaga.....	1
Gi3_23634928_x192.....	gguucacccaacagaucc.....	0
G1a_4632800_x191.....	guucgauucccggcgcggagc.....	1
Gi5_6534139_x191.....	gGucacccaacagauccg.....	1
Gi3_23641643_x191.....	guucgauucccgUgcccggag.....	1
Gi3_23661655_x190.....	Uuucacccaacagauccg.....	1
Gi2_8225747_x189.....	Uguucacccaacagauccg.....	1
Gi3_23694905_x188.....	Agguucgauucccggcgcggagc.....	1
Gi3_23697725_x188.....	ggGucgauucccggcgcggagc.....	1
Gi3_23707837_x187.....	Cccggcguaguauaacggcuaga.....	1
Gi5_6557180_x187.....	ucacccaacagauccgggu.....	0
G1a_4644493_x187.....	guucgauucccggcgcggagc.....	0
Gi3_23739640_x185.....	uccggcguaguauaacggA.....	1
Gi2_8259226_x185.....	cccaacagauccggguuc.....	0
Gi3_23749033_x184.....	gAuucgauucccggcgcggagc.....	1
Gi1_3057106_x183.....	gguucacccaacagauccg.....	0
G1a_4658536_x183.....	gguucgauucccggcgcgg.....	0
Gi5_6615364_x179.....	Uuucgauucccggcgcggagc.....	1
Gi4_367620_x179.....	guucgauucccggcgcgg.....	0

Gi5_6612679_x179.....	ggcguaguauaacggcuag.....	0
Gi1_3071396_x179.....	gUuucucacccaacagauccg.....	1
Gi1_3070143_x179.....	agauccggguucgauucc.....	0
Gi3_23840974_x178.....	uugguucucacccaacagaucc.....	0
Gi5_6632435_x177.....	gguucgauucccggcgcggagcCu.....	1
Gi3_23865777_x176.....	cgauucccggcgcggag.....	0
Gi1_3086057_x175.....	Uuucgauucccggcgcgg.....	1
Gi1_3085182_x175.....	Uuucucacccaacagauccg.....	1
Gi5_6646480_x175.....	ugguucucacccaacagauccg.....	0
Gi3_23894898_x174.....	gguucucacccaacagauccgggu.....	0
Gi1_3095764_x172.....	Ggguucucacccaacagauccg.....	1
Gi3_23948305_x171.....	guucgaCucccggcgcggag.....	1
Gi2_8390578_x170.....	gUuucgauucccggcgcggga.....	1
Gi3_23962653_x170.....	ucUggcguaguauaacggcua.....	1
Gi1_3103256_x169.....	ucacccaacagauccgggu.....	0
Gi5_6685354_x169.....	gUuucgauucccggcgcgg.....	1
Gi3_24013811_x167.....	uccgUcguaguauaacggcuaga.....	1
Gi2_8419886_x166.....	gGucgauucccggcgcgg.....	1
Gi2_8436782_x165.....	gguucgauucccggcgcggGgc.....	1
Gi3_24044896_x165.....	uccggcguaguauaacggcuaAa.....	1
Gi5_6719756_x164.....	gauucccggcgcggagcC.....	1
Gi3_24072831_x163.....	gguucgauucccggUgccggagc.....	1
Gi1a_4721617_x163.....	guucgauucccggcgcgg.....	0
Gi3_24090728_x162.....	cggguucgauucccggcgcggga.....	0
Gi5_6738710_x162.....	guucgaCucccggcgcgg.....	1
Gi2_8472510_x161.....	ucgauucccggcgcggag.....	0
Gi5_6747445_x161.....	uucucacccaacagauccgggu.....	0
Gi3_24113960_x161.....	gguucgauCcccggcgcggagc.....	1
Gi3_24111706_x161.....	gGucgauucccggcgcgg.....	1
Gi5_6756601_x160.....	uucgauucccggcgcgg.....	0
Gi5_6755161_x160.....	Uuucucacccaacagauccg.....	1
Gi3_24132052_x160.....	gguucucacccaacagauccg.....	0
Gi1_3143858_x159.....	gGucucacccaacagauccg.....	1
Gi3_24143030_x159.....	uccggcguaguauaaUggcuaga.....	1
Gi3_24150185_x159.....	ucacccaacagauccggguuc.....	0
Gi3_24142553_x159.....	gguucgauuccAgcgcggagc.....	1
Gi5_6778507_x158.....	uccggguucgauucccggc.....	0
Gi2_8512592_x157.....	gguucgaCucccggcgcggagc.....	1
Gi1a_4740628_x157.....	ucucacccaacagauccg.....	0
Gi1_3155014_x156.....	guucucacccaacaCauccg.....	1
Gi2_8518708_x156.....	cgauucccggcgcggagcC.....	1
Gi1_3162430_x154.....	gguucgauucccggcgcggagcCu.....	1
Gi3_24232226_x153.....	uccggcguagCauaacggcuaga.....	1
Gi5_6811730_x153.....	guucgauucccggcgcgggaCc.....	1
Gi1_3167020_x152.....	Auucgauucccggcgcgg.....	1
Gi3_24263996_x151.....	gguucgauucccggcgcggagcA.....	1
Gi3_24257654_x151.....	Aguucgauucccggcgcggag.....	1

Gi3_24258258_x151	uccggUguaguauaacggc	1
Gi2_8579332_x150	agaucggguucgauucc	0
Gi2_8603634_x148	agaauugguugguucaccc	0
Gi3_24312302_x148	gguucgauucccgcgAcggagc	1
Gi3_24331334_x147	aucggguucgauucccgcgccgga	0
Gi1_3193841_x145	guucgauuNccggcgccgg	1
Gi2_8651444_x144	Uuucucacccaacagauccg	1
Gi1_3205093_x143	ccggcguaguauaacggcua	0
Gi3_24415889_x142	gguucAauucccgcgccggagc	1
Gi2_8670143_x142	Cguucgauucccgcgccggagc	1
Gi3_24417877_x142	guucgauucccgcgccggaC	1
Gl1a_4799734_x141	uccggcguaguauaacgg	0
Gi1_3216716_x141	Gccggcguaguauaacgg	1
Gi2_8681736_x141	ugguucucacccaacagaucc	0
Gi3_24449273_x140	guucucacccaacagauccggg	0
Gi5_6938237_x139	guucgauucccgcgccggagcCu	1
Gi5_6930592_x139	auucccgcgccggagcC	1
Gi2_8698787_x139	uccggcguaguauaacggcuaAaa	1
Gi3_24512108_x136	ggAucgauucccgcgccggagc	1
Gi2_8736673_x136	gGucgauucccgcgccgga	1
Gi2_8744776_x135	guuUgauucccgcgccggag	1
Gi1_3244829_x134	Uuucgauucccgcgccggagc	1
Gi3_24559584_x134	uucucacccaacagauccggguuc	0
Gi5_6979068_x134	gguucgauuUccggcgccgg	1
Gi3_24551410_x134	ggguucgauucccgcgccggagc	0
Gi5_6975584_x134	gUuucgauucccgcgccggag	1
Gi1_3250029_x133	ccggcguaguauaacggcuaga	0
Gi5_7003636_x131	gGucgauucccgcgccgga	1
Gi1_3258716_x131	cucacccaacagauccGg	1
Gi3_24613453_x131	gguuUgauucccgcgccggagc	1
Gi5_7008202_x130	gUuucgauucccgcgcc	1
Gl1a_4841853_x129	uccggcguaguauaacggc	0
Gi3_24642742_x129	uccggcguaguauCacggcuaga	1
Gi1_3271991_x127	guCcgauucccgcgccgg	1
Gi5_7036657_x127	guucgaCucccgcgccg	1
Gi3_24687352_x126	Aguucgauucccgcgccgga	1
Gi3_24694660_x126	gguucgauucccgcgccggagA	1
Gi5_7068052_x124	ccggcguaguauaacggcuaga	0
Gi3_24739411_x123	gguucgauNcccgcgccgga	1
Gi3_24759981_x122	uGcggcguaguauaacggc	1
Gi3_24749611_x122	gguucgauucccgcgUggagc	1
Gi1_3298259_x121	ccggcguaguauaacggc	0
Gi5_7102542_x121	uugguucucacccaacagauccg	0
Gi2_8905500_x121	gguCcgauucccgcgccggagc	1
Gi5_7117155_x119	Gccggcguaguauaacgg	1
Gi3_24812582_x119	caacagauccggguucga	0
Gi3_24828166_x118	guucucacccaacagauccgggu	0

Gi1_3311683_x118.....Uguucgauucccgcgccggagc..... 1
 Gi4_406299_x117.....uccggcguaguauaacggcuaga..... 0
 Gi3_24835557_x117.....gguucgauNcccgcgccggag..... 1
 Gi5_7131131_x117.....Cguucgauucccgcgcc..... 1
 Gi2_8951030_x117.....Uguucgauucccgcgccgg..... 1
 Gi3_24857697_x116.....uccggUguaguauaacggcuaga..... 1
 Gi1_3326847_x115.....Gucucacccaacagauccg..... 1
 Gi3_24876850_x115.....uccggcguGguauaacggcua..... 1
 Gi5_7166130_x114.....Gccggcguaguauaacggc..... 1
 Gi1_3331080_x114.....Gccggcguaguauaacggcuag..... 1
 Gi3_24942169_x111.....gguucgauucccgcgccgggAc..... 1
 Gi2_9037156_x110.....ucgauucccgcgccggg..... 0
 Gi5_7202873_x110.....uUguucacccaacagauccg..... 1
 Gi3_24965152_x110.....uGcggcguaguauaacgg..... 1
 Gi5_7222001_x108.....Gccggcguaguauaacggcuagaau..... 1
 Gi3_24998583_x108.....uccggcguaguauaacggUuaga..... 1
 Gi5_7223837_x108.....Gucucacccaacagauccg..... 1
 Gi3_24991239_x108.....Gccggcguaguauaacggcuagaau..... 1
 Gi3_25019293_x107.....guucgAcucccgcgccg..... 1
 Gi3_25009663_x107.....Uauucccgcgccggagc..... 1
 Gi3_25015334_x107.....ggguucgauucccgcgccggg..... 0
 Gi1_3358450_x107.....Gucucacccaacagauccg..... 1
 Gi5_7233480_x107.....uGcggcguaguauaacggcuaga..... 1
 Gi2_9076486_x106.....aguccggcguaguauaacgg..... 0
 Gi4_415438_x105.....gguucgauucccgcgccggagc..... 0
 Gi5_7247474_x105.....ucucacccaacagauccgggu..... 0
 Gi1_3372775_x105.....gGucgauucccgcgccggg..... 1
 Gi1a_4940392_x105.....uucgauucccgcgccggagc..... 0
 Gi2_9109341_x104.....gGucgauucccgcgccggg..... 1
 Gi5_7261905_x104.....Gccggcguaguauaacggcua..... 1
 Gi3_25095319_x103.....ccggcguaguauaacggcuag..... 0
 Gi3_25091096_x103.....Gccggcguaguauaacggcuag..... 1
 Gi2_9115834_x103.....gguucgGuucccgcgccggagc..... 1
 Gi3_25104011_x102.....gguAcgauucccgcgccggagc..... 1
 Gi3_25119990_x101.....gguucgCuucccgcgccggagc..... 1
 Gi5_7296674_x101.....gguucgauucccgcgccggagcgu..... 0
 Gi2_9150774_x100.....uGcggcguaguauaacggcuaga..... 1
 Gi2_9144974_x100.....cgauucccgcgccggagcguuA..... 1
 Gi3_25149226_x100.....uccggcguaguauaacggcuagC..... 1
 Gi3_25155666_x99.....Gucucacccaacagauccg..... 1
 Gi1_3403571_x98.....gUuucgauucccgcgccggagc..... 1
 Gi3_25180281_x98.....ggcguaguauaacggcuaga..... 0
 Gi1_3407858_x97.....uUguucacccaacagauccg..... 1
 Gi1_3410380_x97.....gguucgauucccgcgccggagcU..... 1
 Gi3_25193808_x97.....uGucacccaacagauccg..... 1
 Gi2_9186957_x97.....guucgAcucccgcgccgg..... 1
 Gi1_3412885_x96.....gguucgauucccgcgccAg..... 1

Gi1_3412405_x96.....	uccggcguaguaCaacggcuaga.....	gguucgauucccggcgcc.....	0
Gi3_25219584_x95.....	uccggcguaguaCaacggcuaga.....		1
Gi5_7369994_x94.....		gCucgauucccggcgccg.....	1
Gi3_25254537_x94.....		gguucgauucUcggcgccggagc.....	1
Gi3_25246829_x94.....		agaucggguucgauucc.....	0
Gi1_3431858_x93.....		Cuucgauucccggcgccg.....	1
Gi3_25280139_x92.....		gGucucacccaacagauccg.....	1
Gi3_25293472_x91.....		Auucgauucccggcgccgga.....	1
Gi3_25304938_x91.....		gguucgauucccggcgcUcggagc.....	1
Gi1_3443389_x90.....		Agguucgauucccggcgccg.....	1
Gi2_9277568_x89.....		gAuucgauucccggcgccggagc.....	1
Gi3_25328468_x89.....		Uuucacccaacagauccg.....	1
Gi5_7424212_x89.....		acagauccggguucgauuccggcgc.....	0
Gi5_7436018_x88.....		gGucgauucccggcgccggagc.....	1
Gi3_25349424_x88.....	uccggcguaguauaacggcuagaaA.....		1
Gi1_3455056_x88.....		guucgGuucccggcgccg.....	1
Gi1_3460306_x87.....	ggcguaguauaacggcuag.....		0
Gi1_3459958_x87.....		gGucucacccaacagauccg.....	1
Gi2_9296624_x87.....		ggGucgauucccggcgccggagc.....	1
Gi5_7437946_x87.....	uGcggcguaguauaacggcuag.....		1
Gi3_25380784_x86.....	uccggcgCaguauaacggcuaga.....		1
Gi2_9316258_x86.....	cggcguaguauaacggcua.....		0
Gi1_3464465_x86.....		Uguucgauucccggcgccg.....	1
Gi3_25408497_x85.....	uccggcguaguauaacggcuagaaA.....		1
Gi1_5035827_x85.....	uccggcguaguauaacggcua.....		0
Gi3_25413852_x85.....		ccaacagauccggguucgauucc.....	0
Gi2_9323159_x85.....	Gccggcguaguauaacggc.....		1
Gi3_25423855_x84.....		gguucgauucccggcAccggagc.....	1
Gi3_25425115_x84.....		cagauccggguucgauucccggcgccg.....	0
Gi3_25418899_x84.....		Auucgauucccggcgccggagc.....	1
Gi3_25424863_x84.....		gguucgauucccggcgcAggagc.....	1
Gi1_5050925_x83.....		Uguucgauucccggcgccggagc.....	1
Gi4_435328_x83.....	uugguucucacccaacaga.....		0
Gi3_25442693_x83.....	Gccggcguaguauaacggcuagaa.....		1
Gi5_7492827_x83.....		Aguucgauucccggcgccggagc.....	1
Gi2_9348290_x83.....		cucacccaacagauccg.....	0
Gi5_7506722_x82.....		gguucgauucccggcgccggagcguu.....	0
Gi1_3484149_x82.....		guucAauucccggcgccg.....	1
Gi1_3491081_x81.....		guucgauucccggcgccAg.....	1
Gi3_25483376_x81.....		gguucgauucccggcgccAgagc.....	1
Gi3_25469201_x81.....		gguucgauuccUgcgccggagc.....	1
Gi3_25483214_x81.....		gguucgauucccggcgccggG.....	1
Gi3_25500696_x80.....	ucUggcguaguauaacggc.....		1
Gi3_25486936_x80.....		ggCucgauucccggcgccgga.....	1
Gi2_9378699_x80.....		uucgauucccggcgccggag.....	0
Gi2_9385499_x80.....	gUuucacccaacagauccg.....		1
Gi3_25504765_x79.....		guucgauucccggcgccggG.....	1

Gi3_25536986_x78.....	uUguucacccaacagauccg.....	1
Gi1_3501301_x78.....	uccggcguaguauaacggcuagaauU.....	1
Gi1_3501457_x78.....	guuUgauucccggcgccgg.....	1
Gi1_3506059_x78.....	uGcucacccaacagauccg.....	1
Gi2_9414179_x77.....	Auucgauucccggcgccgg.....	1
Gi1_3506604_x77.....	guucUauucccggcgccgg.....	1
Gi1_3510223_x77.....	gGucgauucccggcgccgg.....	1
Gi5_7559961_x77.....	.cgauucccggcgccggagcguuuc.....	0
Gi2_9417028_x77.....	.ggAucgauucccggcgccggagc.....	1
Gi4_442433_x77.....	.guucgauucccggcgccgga.....	0
Gi3_25568178_x76.....	.gguucgauucccggcgccggagU.....	1
Gi1_3511686_x76.....	.uGcucacccaacagauccg.....	1
Gi3_25563010_x76.....	.Cguucacccaacagauccg.....	1
Gi2_9423957_x76.....	uccggcguaguauaacggcu.....	0
Gi3_25594935_x75.....	.guucgauuNccggcgccgga.....	1
Gi2_9445432_x75.....	.cggcguaguauaacggcuaga.....	0
Gi2_9443182_x75.....	.gguUgauucccggcgccggagc.....	1
Gi5_7588434_x74.....	.cggcguaguauaacggcuaga.....	0
Gi5_7589840_x74.....	.guucgaCuuccggcgccggagc.....	1
Gi3_25620397_x73.....	.guucgauuNccggcgccgg.....	1
Gi3_25627916_x73.....	uccggcguUguauaacggcuaga.....	1
Gi5_7599143_x73.....	uccggcguaguauaacggcuagG.....	1
Gi3_25621492_x73.....	Auucgauucccggcgccgg.....	1
Gi2_9465654_x73.....	uccggcguaguauaacggcuGga.....	1
Gi3_25641906_x72.....	ucUggcguaguauaacgg.....	1
Gi3_25635066_x72.....	ugguucacccaacagauccgg.....	0
Gi3_25652994_x72.....	uccggcguNguauaacggcua.....	1
G1a_5103639_x72.....	uccggcguaguauaacggcuagaa.....	0
Gi2_9477623_x72.....	.cgauucccggcgccggagcguuuc.....	0
Gi5_7616829_x72.....	.uucucacccaacagauccggguuc.....	0
Gi5_7618053_x72.....	.ggcguaguauaacggcuaga.....	0
Gi3_25636938_x72.....	.ggcguaguauaacggcuag.....	0
Gi3_25652418_x72.....	.gguucgauuUccggcgccggagc.....	1
Gi1_3538184_x71.....	.gGucgauucccggcgccggagc.....	1
Gi3_25659541_x71.....	.ggguucgauucccggcgccgga.....	0
Gi3_25661387_x71.....	.Cguucgauucccggcgccgga.....	1
Gi1_3539746_x71.....	.guucgauucccgGUccgg.....	1
G1a_5110245_x71.....	.cgauucccggcgccggagcC.....	1
Gi2_9490621_x71.....	.gCuucgauucccggcgccggagc.....	1
Gi1_3536125_x71.....	.Uguucgauucccggcgccgga.....	1
Gi1_3536906_x71.....	uccggcguaguauaacggcuagaU.....	1
Gi2_9500831_x70.....	.guucucacccaacagauccgg.....	0
Gi2_9499641_x70.....	.uucucacccaacagauccgg.....	0
Gi3_25682750_x70.....	uccggcguCguauaacggcuaga.....	1
G1a_5117872_x70.....	.guucgauucccggcgccgg.....	0
G1a_5115352_x70.....	uccggcguaguauaacggcuagaau.....	0
Gi3_25690730_x70.....	.guucgGuucccggcgccgga.....	1

Gi1_3541786_x70	.....Gccggcguaguauaacggcua	.....	1
Gi4_448843_x70	.....cucaccaacagauccggguucg	.....	0
Gi5_7641508_x70	.....gguucucaccaacagauccggguu	.....	0
Gi2_9498941_x70	.....gguucgauucccggcgAcggagc	.....	1
Gi1_3542696_x70	.....ggcguaguauaacggcua	.....	0
Gi5_7642558_x70	.....uccggcguaguauaacggcuGga	.....	1
Gi1_3549294_x69	.....Gccggcguaguauaacggcuaga	.....	1
Gi3_25693495_x69	.....gCucgauucccggcgcgcg	.....	1
Gi2_9515471_x69	.....ucUggcguaguauaacggcuaga	.....	1
Gi3_25706398_x69	.....guucgauucccggcgcgG	.....	1
Gi5_7645819_x69	.....uGcggcguaguauaacggcuagaau	.....	1
Gi2_9511814_x69	.....gUucgauucccggcgcg	.....	1
Gi3_25697014_x69	.....ggCucgauucccggcgcgag	.....	1
Gi5_7651960_x69	.....Aguucucaccaacagauccg	.....	1
Gi2_9507881_x69	.....gguucgauucccggcgcgagA	.....	1
Gi5_7667663_x68	.....Auucgauucccggcgcg	.....	1
Gi5_7659095_x68	.....gguucgauNcccggcgcgagc	.....	1
Gi2_9519724_x68	.....gguucgauuccAgcgccggagc	.....	1
Gi3_25725127_x68	.....Aguucgauucccggcgcg	.....	1
Gi3_25713635_x68	.....uccggcguaguauaacggcuUga	.....	1
Gi5_7664807_x68	.....Ggguucucaccaacagauccg	.....	1
Gi5_7668269_x67	.....gguucgauucccggcgccAg	.....	1
Gi2_9542198_x67	.....ccggcguaguauaacggcua	.....	0
Gi3_25740233_x67	.....Accggcguaguauaacggcuaga	.....	1
Gi2_9536503_x67	.....gguucgauCcccggcgcgagc	.....	1
Gi5_7687168_x66	.....ucgauucccggcgcgga	.....	0
Gi2_9554639_x66	.....Gccggcguaguauaacggcua	.....	1
Gi5_7680238_x66	.....ggguucgauucccggcgcgagc	.....	0
Gi5_7691722_x66	.....cagauccggguucgauucccggcgcg	.....	0
Gi1_3561746_x66	.....gguucgauCcccggcgcg	.....	1
Gi1_3561548_x66	.....Ggguucucaccaacagauccg	.....	1
Gi1_3559898_x66	.....guucgauuccAgcgccg	.....	1
Gi2_9546257_x66	.....gguucAauucccggcgcgagc	.....	1
Gi2_9562796_x65	.....gGucucaccaacagauccg	.....	1
Gi5_7698366_x65	.....ccggguucgauucccggcgcgga	.....	0
Gi3_25769037_x65	.....gCucgauucccggcgcgagc	.....	1
Gi3_25773912_x65	.....uccAgcguaguauaacggcuaga	.....	1
Gi1_3573800_x64	.....guucgauucccggcgcUgg	.....	1
Gi3_25791259_x64	.....Cguucgauucccggcgcgag	.....	1
Gi5_7709861_x64	.....cggcguaguauaacggcuag	.....	0
Gi2_9578297_x64	.....cgauucccggcgcgagcguuu	.....	0
Gi1_3572008_x64	.....caacagauccggguucgauucccggc	.....	0
Gi2_9577273_x64	.....Auucgauucccggcgcgagc	.....	1
Gi2_9571513_x64	.....uucucaccaacagauccggguucg	.....	0
Gi2_9571449_x64	.....aguccggcguaguauaacggcuaga	.....	0
Gi1_3575068_x63	.....gUucgauucccggcgcg	.....	1
Gi5_7726656_x63	.....Auucgauucccggcgcg	.....	1

Gi5_7721679_x63.....	gguucgauucccgccgagcguuu.....	0
Gi3_25815684_x63.....	ggcguaguauaacggcu.....	0
Gi3_25805856_x63.....	gguucgauucccgccgagcgA.....	1
Gi3_25813101_x63.....	uccggcguaguauaCggcuaga.....	1
Gi3_25813920_x63.....	guucgauucccgccgCgc.....	1
Gi2_9582921_x63.....	guucgaCucccgccg.....	1
Gi3_25833619_x62.....	gguucgauucccgccgAagc.....	1
Gi3_25826303_x62.....	guucgGuucccgccgagc.....	1
Gi2_9593361_x62.....	gguucgauucccgccgGg.....	1
Gi3_25830829_x62.....	uccggcguaguauaacggcuCga.....	1
Gi3_25836223_x62.....	gguucgauucccgccgAc.....	1
G1a_5165112_x62.....	uucucaccaacagauccgg.....	0
Gi3_25822955_x62.....	uccggcguGguauaacgg.....	1
Gi3_25833123_x62.....	gguucgauucccgUgcc.....	1
Gi5_7741133_x61.....	cggcguaguauaacggcuagaau.....	0
Gi3_25845764_x61.....	uccggcguaguauaacggcCa.....	1
Gi1_3588041_x61.....	guucgauuccUggcgccg.....	1
Gi3_25842104_x61.....	uccggcguaguauaGcggcu.....	1
Gi1_3585662_x61.....	caccaacagauccggguucgauucc.....	0
Gi2_9613011_x61.....	uccggcguaguauaacggcuagG.....	1
Gi1_3588651_x61.....	cagauccggguucgauucccgcc.....	0
Gi5_7745403_x61.....	ggcguaguauaacggcuagaau.....	0
Gi2_9614597_x61.....	gguucgauuccUggcgccgagc.....	1
Gi5_7750771_x61.....	gGucucaccaacagauccgg.....	1
Gi5_7750649_x61.....	ggCucucaccaacagauccg.....	1
Gi3_25847533_x61.....	gguucgauucccgccgGg.....	1
Gi3_25867609_x60.....	gguucgauNcccgccg.....	1
Gi3_25870549_x60.....	gguucgauuccAggcgccgagc.....	1
Gi5_7760416_x60.....	ucUggcguaguauaacggcuaga.....	1
Gi5_7764076_x60.....	uGcucaccaacagauccg.....	1
Gi5_7768413_x59.....	cgauucccgccgagcguuuA.....	1
Gi3_25881254_x59.....	uccggcguGguauaacggc.....	1
Gi2_9636740_x59.....	guucgauucccgccgagcCu.....	1
Gi3_25895650_x59.....	cggcguaguauaacggcuaga.....	0
Gi2_9637625_x59.....	Gccggcguaguauaacgg.....	1
Gi2_9631725_x59.....	uccggcguNguauaacggcuaga.....	1
Gi3_25900812_x58.....	Gucucaccaacagauccgg.....	1
Gi2_9646919_x58.....	Agucgauucccgccgag.....	1
Gi5_7786211_x58.....	uccggcguNguauaacggcuag.....	1
Gi5_7790155_x58.....	ucUggcguaguauaacggcuag.....	1
Gi5_7785515_x58.....	gguucgauucccgccgCgc.....	1
Gi3_25908468_x58.....	uccgAcguaguauaacggcuaga.....	1
Gi3_25913050_x58.....	gCucgauucccgccgga.....	1
Gi1_3611657_x57.....	uGcggcguaguauaacgg.....	1
Gi2_9663188_x57.....	guucgauNccggccgagc.....	1
Gi2_9655550_x57.....	uUguucucaccaacagauccg.....	1
Gi3_25956726_x56.....	Agucgauucccgccg.....	1

Gi2_9671918_x56.....	.Uauuccggcgccggagc.....	1
Gi3_25940150_x56.....	.guucgauucccgcgccggagcA.....	1
Gi2_9670070_x56.....	.uucgauucccgcgccgga.....	0
Gi3_25954822_x56.....	.gguucgaCuuccggcgccgga.....	1
Gi3_25948550_x56.....	.guCcgauuccggcgccgg.....	1
Gi2_9670686_x56.....	.gCucgauucccgcgccggagc.....	1
Gi3_25942054_x56.....	.gguucgauucccgcgccggaAc.....	1
Gi3_25976215_x55.....	.uccggcguNguauaacgg.....	1
Gi5_7824359_x55.....	.gCucgauuccggcgccgg.....	1
Gi5_7823094_x55.....	.uGcggcguaguauaacgg.....	1
Gi3_25969945_x55.....	.gguucgauuccggcgUggag.....	1
Gi1_3622888_x55.....	.uGcggcguaguauaacggcuag.....	1
Gi2_9702216_x54.....	.gguucgauuccggcAccggagc.....	1
Gi3_25983306_x54.....	.cUauuccggcgccggagc.....	1
Gi2_9697464_x54.....	.Gucucacccaacagauccg.....	1
Gi1_3627210_x54.....	.uccggcguGguauaacggcuag.....	1
Gi3_25997127_x53.....	.uccggcguaguGuaacggcua.....	1
Gi3_26015306_x53.....	.Cuccggcguaguauaacggcua.....	1
Gi3_26016048_x53.....	.gguucgauuccgggAgccggagc.....	1
Gi3_26000095_x53.....	.cggcguaguauaacggcuagaau.....	0
Gi3_26033432_x52.....	.Cuucgauuccggcgccgga.....	1
Gi1_3633854_x52.....	.guucgauuccggcAccgg.....	1
Gi3_26030988_x52.....	.Ggguucacccaacagauccg.....	1
Gi3_26031092_x52.....	.Gcgauuccggcgccggagc.....	1
Gi3_26032808_x52.....	.cgauuccggcgccggagcguuucA.....	1
Gi5_7874053_x51.....	.gguucgauuccggcgccggagcA.....	1
Gi5_7864261_x51.....	.ggCucgauuccggcgccggagc.....	1
Gi3_26052100_x51.....	.gguucgauucccgAcgccggagc.....	1
Gi1_3640695_x51.....	.guucgauuccggcgAgg.....	1
Gi3_26049448_x51.....	.Cuucgauuccggcgccgg.....	1
Gi5_7872115_x51.....	.guCucacccaacagauccg.....	1
Gi3_26076736_x50.....	.uccggcguNguauaacggc.....	1
Gi3_26077436_x50.....	.gguucgauuccggcgccggagcU.....	1
Gi3_26067836_x50.....	.ugguucacccaUcagauc.....	1
Gi3_26077036_x50.....	.guucgauuNccggcgccggagc.....	1
Gi3_26058286_x50.....	.gCuucgauuccggcgccggag.....	1
Gi3_26057686_x50.....	.gguuGgauuccggcgccggagc.....	1
Gi3_26069236_x50.....	.Cguucgauuccggcgccg.....	1
Gi2_9747145_x50.....	.gguucgauuccggcgAggagc.....	1
Gi1_3642664_x50.....	.guucgauucUcggcgccgg.....	1
Gi3_26064286_x50.....	.gguucgauNccggcgccgg.....	1
Gi3_26057186_x50.....	.Aguucacccaacagauccg.....	1
Gi3_26079272_x49.....	.guucgGuuccggcgccgg.....	1
Gi5_7897160_x49.....	.Uauuccggcgccggagc.....	1
Gi3_26081820_x49.....	.gAuucgauuccggcgccggag.....	1
Gi1_3647644_x49.....	.auccggguucgauuccggcgccgga.....	0
Gi5_7894955_x49.....	.guaguauaacggcuagaau.....	0

Gi1_3652936_x49.....gguucgauCcccggcgccgg..... 1
 Gi5_7894759_x49.....uccggcguaguauaacAgcuaga..... 1
 Gi2_9757944_x49.....guucgauuccggcgccAga..... 1
 Gi2_9755445_x49.....gguucgauuccggcgccggagcCu..... 1
 Gi1_3647301_x49.....gguucgauNcccggcgccgg..... 1
 Gi3_26081134_x49.....uccggcguaguauGacggcuaga..... 1
 Gi2_9772973_x48.....gguucgCuuccggcgccggagc..... 1
 Gi3_26116112_x48.....uccggcguaguauaacAgc..... 1
 Gi1_3657785_x48.....Aguucgauuccggcgccgg..... 1
 Gi3_26103488_x48.....uccggcguaguauCacggcua..... 1
 Gi2_9773741_x48.....Aguucgauuccggcgcc..... 1
 Gi3_26097632_x48.....uccggcguaguauaacAgcua..... 1
 Gi2_9777389_x48.....guCcgauuccggcgccgg..... 1
 Gi2_9775181_x48.....uccggcguaguauaacAgcuaga..... 1
 Gi1_3653081_x48.....guucgauuccggcgccggagcA..... 1
 Gi3_26101520_x48.....uccggcguaguauaUcggcuaga..... 1
 Gi3_26110784_x48.....uccggcguaguCuaacggcuaga..... 1
 Gi3_26113280_x48.....gguucgauCcccggcgccgga..... 1
 Gi2_9784714_x47.....gguucgauuccggcgccggagU..... 1
 Gi2_9784902_x47.....guucgauuccggcgccggCgc..... 1
 Gi2_9786124_x47.....Gccggcguaguauaacggcuag..... 1
 Gi3_26130456_x47.....gguucgGuuccggcgccggag..... 1
 Gi3_26125662_x47.....gGucucacccaacagauccgg..... 1
 Gi5_7923906_x47.....gguucgauucccCgcgccggag..... 1
 Gi1_3662555_x47.....guucgauuccggcgUcgg..... 1
 Gi3_26153973_x46.....ggguucgauuccggcgccg..... 0
 Gi3_26142795_x46.....uGcggcguaguauaacggcuag..... 1
 Gi5_7931489_x46.....uGcggcguaguauaacggc..... 1
 Gi2_9796478_x46.....guucgauuccggcgccggGgc..... 1
 Gi2_9805034_x46.....gguucgauucccgUgccggagc..... 1
 Gi3_26153651_x46.....gguucgauUccggcgccggag..... 1
 Gi5_7940367_x46.....guucgGuuccggcgccg..... 1
 Gi5_7938021_x46.....guucgauNccggcgccg..... 1
 Gl1a_5280140_x46.....gUuucgauuccggcgccggagc..... 1
 Gi3_26152501_x46.....gguucgauCcccggcgccggag..... 1
 Gi5_7937975_x46.....Cuucgauuccggcgccgg..... 1
 Gi3_26145785_x46.....uccggcguaguauaGcggc..... 1
 Gi3_26161378_x45.....uccggcguaguauCacgg..... 1
 Gi2_9812634_x45.....uccggcguaguauaacggcuagC..... 1
 Gi2_9809439_x45.....Gcgauuccggcgccggagc..... 1
 Gi5_7946502_x45.....guCcgauuccggcgccgg..... 1
 Gi2_9814704_x45.....gguucgauuccggcgUggagc..... 1
 Gi2_9809574_x45.....gguucgauucccgAcgccggagc..... 1
 Gi3_26169523_x45.....uccggcguaguauaacggcuG..... 1
 Gi2_9825942_x44.....gguucgauuccggcgccggagcA..... 1
 Gi1_3679485_x44.....guCcgauuccggcgccgg..... 1
 Gi2_9830694_x44.....uccggcguaguauaGcggcuaga..... 1

Gi3_26181005_x44	.....uccggcguaguauaacggcuagU.....	1
Gi3_26186901_x44	.....gguucgauucccAgcgccgga.....	1
Gi5_7956443_x44	.....Cucucacccaacagauccg.....	1
GlA_5301606_x43	.....Uguucgauucccggcgccggag.....	1
Gi5_7971012_x43	.....uccggcguNguauaacggcuaga.....	1
Gi5_7971399_x43	.....uccggcguaguauaacggcCaga.....	1
Gi2_9841797_x43	.....guCcgauucccggcgccggagc.....	1
Gi2_9846570_x43	.....uccggcguaguauaacggcCaga.....	1
Gi5_7973936_x43	.....guucgauuNccggcgccgg.....	1
Gi2_9855499_x42	.....Gccggcguaguauaacggcuagaau.....	1
Gi3_26228227_x42	.....uccgUcguaguauaacggcua.....	1
Gi2_9855625_x42	.....uccggUguaguauaacggcuagaa.....	1
Gi5_7984822_x42	.....cacccaacagauccggguucga.....	0
Gi2_9851257_x42	.....cgguucgauucccggcgccgga.....	0
Gi5_7989610_x42	.....gguucgauucccggcgccggagcgA.....	1
Gi1_3688259_x42	.....ugguucucNcccaacagauccg.....	1
Gi2_9858523_x42	.....gguucgauucccggcgccAgagc.....	1
Gi5_7990408_x42	.....uccggcguaguauaacgAcua.....	1
Gi2_9849745_x42	.....ggcguaguauaacggcuaga.....	0
Gi2_9852685_x42	.....gguucgauucUcggcgccggagc.....	1
Gi2_9856885_x42	.....uccggcguGguauaacggc.....	1
Gi5_7979992_x42	.....uGcggcguaguauaacggcua.....	1
Gi3_26226589_x42	.....uGcggcguaguauaacggcuagaau.....	1
Gi3_26228521_x42	.....guCcgauucccggcgccggagc.....	1
Gi3_26229739_x42	.....uccggcguaguauaGcgg.....	1
Gi5_7996774_x41	.....aguccggcguaguauaacggcuagaauagg.....	0
Gi3_26252492_x41	.....gguucgauucccggcgccggUgc.....	1
Gi5_7996569_x41	.....gguucgauNcccggcgccg.....	1
Gi1_3695766_x41	.....guAcgauucccggcgccg.....	1
Gi3_26241340_x41	.....Cccggcguaguauaacggcua.....	1
Gi3_26256018_x41	.....uccggcguagCauaacggcua.....	1
Gi5_7993658_x41	.....guucucaccccCacagauccg.....	1
Gi5_7993863_x41	.....Aguucgauucccggcgccg.....	1
Gi2_9863452_x41	.....guucgaCuccggcgccggag.....	1
Gi5_7998250_x41	.....gguucucacccaacGgauccg.....	1
Gi5_8004564_x41	.....gguucucaccccCacagauccg.....	1
Gi5_8000628_x41	.....Cccggcguaguauaacggcuag.....	1
Gi3_26260364_x41	.....auccggguucgauucccggcgccggagc.....	0
Gi1_3695561_x41	.....ccggcguaguauaacggcu.....	0
Gi3_26266650_x40	.....uUcggcguaguauaacggc.....	1
Gi3_26275650_x40	.....uUcggcguaguauaacgg.....	1
Gi3_26276090_x40	.....guucgauucccggcgccAga.....	1
Gi3_26282010_x40	.....uccggAguaguauaacggcuaga.....	1
Gi3_26263370_x40	.....uUguucucacccaacagauc.....	1
Gi1_3698477_x40	.....guucgauucccgAcgccgg.....	1
Gi3_26263930_x40	.....gCuucgauucccggcgccgga.....	1
Gi3_26276010_x40	.....gguucgauAcccggcgccggagc.....	1

Gi2_9877330_x40.....Ggguucucacccaacagauccg..... 1
 Gi1_3697317_x40.....gUucgauuccggcgccgga..... 1
 Gi5_8014854_x40.....uccggcguaguauaacggcCag..... 1
 Gi1_3704321_x39.....guugguucucacccaacagauccgggu..... 0
 Gi3_26299059_x39.....Cuucgauuccggcgccggagc..... 1
 Gi3_26305026_x39.....agauccggguucgauuccggcgccggagcC..... 1
 Gi2_9893236_x39.....Cuucgauuccggcgccgg..... 1
 Gi3_26305572_x39.....gguucgauucAcggcgccggagc..... 1
 Gi5_8026280_x39.....guucgauuccggcAccgg..... 1
 Gi3_26283693_x39.....gguucgaCuccggcgccggag..... 1
 Gi3_26327082_x38.....uUcggcguaguauaacggcua..... 1
 Gi2_9909383_x38.....guucgGuuccggcgccggagc..... 1
 Gi1_3714126_x38.....uccggcguNguauaacggcuag..... 1
 Gi2_9905051_x38.....uccggguucgauuccggcgccgga..... 0
 Gi2_9911093_x38.....guucgauuNccggcgccgg..... 1
 Gi3_26311426_x38.....gguucgauuccggcgccggCg..... 1
 Gi1_3709984_x38.....gUucgauuccggcgccggag..... 1
 Gi1_3713404_x38.....uGcggcguaguauaacggcua..... 1
 Gi2_9913069_x38.....gguucgauNccggcgccggag..... 1
 Gi3_26326702_x38.....guucgauuccggUgcccgg..... 1
 Gi5_8031125_x38.....guucgauuccggcgccA..... 1
 Gi5_8033481_x38.....acccaacagauccggguucgauucc..... 0
 Gi3_26320318_x38.....gguucgauuccggcAccgg..... 1
 Gi3_26318608_x38.....gguucgGuuccggcgccggga..... 1
 Gi2_9912081_x38.....guucgaCuccggcgccgga..... 1
 Gi3_26320546_x38.....uccggUguaguauaacggcua..... 1
 Gi3_26349402_x37.....gguucgauuccggcgccgAag..... 1
 Gi1_3717732_x37.....guucgauuccggcgAcgg..... 1
 Gi3_26332530_x37.....uccggcAuaguauaacggcuaga..... 1
 Gi2_9921627_x37.....uUcggcguaguauaacggcuaga..... 1
 Gi5_8046744_x37.....gguucgauNccggcgccgga..... 1
 Gi3_26345147_x37.....ggAucgauuccggcgccgga..... 1
 Gi5_8052664_x37.....Cguucgauuccggcgccggagc..... 1
 Gi3_26331161_x37.....Auucgauuccggcgccggag..... 1
 Gi1_3718472_x37.....uccggcguGguauaacggcua..... 1
 Gi5_8043118_x37.....gguucCcacccaacagauccg..... 1
 Gi1_3715031_x37.....guucgauuccggcgccggag..... 0
 Gi1a_5352502_x37.....Gccggcguaguauaacggcuaga..... 1
 Gi2_9916965_x37.....Aguucgauuccggcgccg..... 1
 Gi2_9924698_x37.....gguucgauuccggcgAc..... 1
 Gi2_9923107_x37.....gguucgauNccggcgcc..... 1
 Gi3_26335638_x37.....gguucgauuccggcgccA..... 1
 Gi5_8063536_x36.....uccggcguaguauaacggcuag..... 1
 Gi3_26361443_x36.....gguCcgauuccggcgccggag..... 1
 Gi3_26352767_x36.....gguucgauuccggUgcccgga..... 1
 Gi3_26372855_x36.....gguucgauuccggcgccggC..... 1
 Gi3_26353271_x36.....uGcucacccaacagauccg..... 1

Gi3_26359031_x36	.....gguucgauucccgAccgga	1
Gi3_26352083_x36	.....guucgauucccgcccgGgc	1
Gi5_8065660_x36	..Uguucucacccaacagauccgg	1
Gi2_9929187_x36	.....gguucgauucccgAgccggagc	1
Gi2_9939159_x36	.....gguucgauucccgcccgAagc	1
Gi3_26358887_x36	.....uccgUcguaguauaacgg	1
Gi1_3721587_x36	.....cucacccaacagauccggguucgauucc	0
Gi5_8061016_x36	.....gguucucaNccaacagauccg	1
Gi5_8058424_x36	.....cucacccCacagauccgg	1
Gi2_9939771_x36	.....gguucgauucccgcccggaAc	1
Gi3_26378230_x35	.....uccggcguaguauaacggcuagaaC	1
Gi5_8069594_x35	.....uccggcguaguauaacAgcuag	1
Gi5_8068229_x35	.....guucGaCucccgcccgga	1
Gi1_3728352_x35	.....uccggcguaguauaGcgg	1
Gi2_9948054_x35	..uGcggcguaguauaacggcua	1
Gi5_8076769_x35	.....uccggcguaguGuaacggcuaga	1
Gi3_26377950_x35	.....guCcgauuccggcccgga	1
Gi3_26393525_x35	.....guucgauuccAgcgcgg	1
Gi3_26381415_x35	.....agauccggguucgauuccggcccgagc	0
Gi1a_5365600_x35	.....guucgauuccggcccgga	0
Gi3_26394540_x35	.....guucAauuccggcccg	1
Gi5_8072429_x35	.....Cuucgauuccggcccg	1
Gi3_26394120_x35	.....uccggguucgauuccggcccg	0
Gi1a_5364060_x35	..ugguucucacccaacagauccg	0
Gi5_8077714_x35	.....guucUauuccggcccg	1
Gi3_26382465_x35	.....uccggcguauaacggcuaga	1
Gi1_3728247_x35	.....guucgauucccgAgccgg	1
Gi2_9949979_x35	.....gguuGgauuccggcccgagc	1
Gi3_26384355_x35	.....ggCucgauuccggcccg	1
Gi1_3735733_x34	..ucUggcguaguauaacgg	1
Gi1_3735189_x34	.....ccggcguaguauaacggcuag	0
Gi5_8085535_x34	.....guCcgauuccggcccg	1
Gi5_8085025_x34	.....cGcacccaacagauccg	1
Gi5_8088731_x34	.....gguucucacccGacagauccg	1
Gi3_26414972_x34	.....guucgauucccgUgcggga	1
Gi3_26398108_x34	.....uCcucacccaacagauccg	1
Gi5_8090499_x34	.....uccggcguGguauaacggcuag	1
Gi2_9967459_x34	.....gguucgauUccggcccgagc	1
Gi5_8088935_x34	.....guucucacNcaacagauccg	1
Gi1_3735325_x34	.....guucucacccCacagauccg	1
Gi2_9958755_x34	.....Aguucgauuccggcccgga	1
Gi5_8084005_x34	.....uccggcguaguauaacgAcuaga	1
Gi2_9956477_x34	.....gguucgauuccUgcggccgagc	1
Gi1_3737467_x34	.....uccggcguNguauaacgg	1
Gi2_9965147_x34	.....gguucgauNccggcccg	1
Gi5_8085263_x34	..ucUggcguaguauaacggcua	1
Gi3_26413068_x34	.....gguucgauuccAgcgcggag	1

Gi1_3743568_x33.....	uucucaccNaacagauccg.....	1
Gi5_8097372_x33.....	gguucgauucccgccgGgc.....	1
Gi1_3742776_x33.....	Aguucucacccaacagauccg.....	1
Gi2_9978951_x33.....	gguucgauucccgccgCg.....	1
Gi3_26426809_x33.....	AguucgauucccgccgCg.....	1
Gi5_8099451_x33.....	gguucgauucccgccgUg.....	1
Gi5_8105061_x33.....	gguucgGuucccgccgagc.....	1
Gi3_26424631_x33.....	uccgUcguaguauaacggc.....	1
Gi3_26436082_x33.....	uccggcguaguauUacggcuaga.....	1
Gi5_8099352_x33.....	uUcggcguaguauaacggcuag.....	1
Gi3_26426050_x33.....	guucUauucccgccgCg.....	1
Gi3_26434465_x33.....	guucgauucccgccA.....	1
Gi3_26424136_x33.....	gguCcgauucccgccgga.....	1
Gi3_26428129_x33.....	gguucgauuccUggcgcgga.....	1
Gi3_26424796_x33.....	uccggcguaguauUcggcua.....	1
Gi5_8099088_x33.....	uUcggcguaguauaacggcuaga.....	1
Gi3_26436412_x33.....	ucUggcguaguauaacggcuag.....	1
Gi2_9982581_x33.....	gguucgauAcccgccgagc.....	1
Gi3_26442022_x33.....	guucgauucccgccAg.....	1
Gi3_26430076_x33.....	cguaguauaacggcuaga.....	0
Gi2_9980106_x33.....	gguucgauucccgccUcggagc.....	1
Gi1_3738717_x33.....	uccggguucgauucccgccgga.....	0
Gi3_26460286_x32.....	gAuucgauucccgccgga.....	1
Gi3_26446270_x32.....	acagauccggguucgauucccgccg.....	0
Gi3_26466494_x32.....	ggGucgauucccgccgag.....	1
Gi1_3745344_x32.....	guucgauucccgUcgcgg.....	1
Gi3_26468638_x32.....	uucucacccaCcagauccg.....	1
Gi3_26455070_x32.....	Cccggcguaguauaacggc.....	1
Gi1_3744160_x32.....	uccggcguaguauaacAgcuag.....	1
Gi5_8116710_x32.....	uccggcguaguGuaacggcuag.....	1
Gi3_26457918_x32.....	ggGucgauucccgccgga.....	1
Gi3_26452766_x32.....	ucAggcguaguauaacggcuaga.....	1
Gi3_26457758_x32.....	gguucgauuAcccgccgagc.....	1
Gi5_8114374_x32.....	uccggcguaguauGcgg.....	1
Gi2_9993405_x32.....	uGcggcguaguauaacggc.....	1
Gi5_8111366_x32.....	cucacccaNcagauccg.....	1
Gi2_9997213_x32.....	uccggcguGguauaacggcuaga.....	1
Gi2_9996477_x32.....	uccggcguaguGuaacggcuaga.....	1
Gi3_26469278_x32.....	gguucgauucccgccgUgga.....	1
Gi3_26450590_x32.....	guuUgauucccgccgga.....	1
Gi1_3747552_x32.....	ugguucucacccaacagaucc.....	0
Gi5_8108550_x32.....	gAuucgauucccgccgagc.....	1
Gi3_26477902_x31.....	gaucggguucgauucccgccgag.....	0
Gi4_490729_x31.....	uccggcguaguauaacggcuag.....	0
Gi3_26478336_x31.....	guucUauucccgccgga.....	1
Gi1_3754020_x31.....	uuUucacccaacagauccg.....	1
Gi1_3754578_x31.....	gguucgauucccgccgga.....	0

Gi5_8127401_x31.....	uUcggcguaguauaacggcuagaau.....	1
Gi3_26471795_x31.....	uccggcguaguGuaacgg.....	1
Gi2_9999863_x31.....	.....Cuucgauucccggcgccggagc.....	1
Gi5_8130315_x31.....	.....guucgauucccggcAccg.....	1
Gi5_8120085_x31.....	uccggcguaguauaGcggcuaga.....	1
Gi3_26487574_x31.....	.....gguuAgauucccggcgccggagc.....	1
Gi3_26480072_x31.....	.....gguucgaCucccggcgccgg.....	1
Gi3_26475019_x31.....	.....guucgauCcccggcgccgga.....	1
Gi2_10002994_x31.....	uccggcguaguauCacggcuaga.....	1
Gi5_8118814_x31.....	uccggcguGguauaacggcua.....	1
Gi5_8126192_x31.....	.....gguucgaCucccggcgccggagc.....	1
Gi3_26472911_x31.....	.....guuUgauucccggcgccgg.....	1
Gi2_10012480_x31.....	Cccggcguaguauaacggcuaga.....	1
Gi2_10011860_x31.....	.....guucgauucccggcgccgC.....	1
Gi3_26491728_x31.....	.....guucgauuccUggcgccgg.....	1
Gi3_26473655_x31.....	.....guucgauCcccggcgccgg.....	1
Gi2_10008326_x31.....	.....guucucacccaacagauccgggu.....	0
Gi5_8137855_x30.....	.....guucgauuccUggcgccg.....	1
Gi1_3758915_x30.....	.....auccggguucgauucccggcgccgg.....	0
Gi1_3758705_x30.....	.....cucacccaacagauccggguucga.....	0
Gi3_26512770_x30.....	.....guucgauuccAgcgccgga.....	1
Gi5_8140135_x30.....	.....gguucucGcccaacagauccg.....	1
Gi2_10028005_x30.....	.....Cguucgauucccggcgcc.....	1
Gi1_3756845_x30.....	.....aacagauccggguucgauucccggcgccgg.....	0
Gi3_26513970_x30.....	uccggcguaguauUacgg.....	1
Gi5_8136295_x30.....	ucUggcguaguauaacggc.....	1
Gi5_8141005_x30.....	uccggcguaguauaacggcuagaug.....	0
Gi2_10027315_x30.....	.....Gccggcguaguauaacggcuagaa.....	1
Gi1_3756935_x30.....	uccggcguaguauaGcggcuag.....	1
Gi2_10024765_x30.....	.....uucacccaacGgauccg.....	1
Gi5_8133235_x30.....	uccggcguaguauaacggcuagaCu.....	1
Gi1_3761195_x30.....	.....Gccggcguaguauaacggc.....	1
Gi5_8140915_x30.....	uccggcguaguauaacggcuagC.....	1
Gi5_8141425_x30.....	.....gguucgauucccggcgccggC.....	1
Gi1a_5399946_x30.....	.....Uguucgauucccggcgccg.....	1
Gi3_26516520_x30.....	.....guucgauucccggcgUcgga.....	1
Gi2_10018675_x30.....	.....guucgauuccAgcgccggagc.....	1
Gi3_26506200_x30.....	.....gguucAauucccggcgccgga.....	1
Gi5_8153061_x29.....	uccggcguaguauaacggUuag.....	1
Gi5_8154772_x29.....	.....gguCucacccaacagauccg.....	1
Gi5_8143752_x29.....	ucUggcguaguauaacggcuagaau.....	1
Gi1_3767858_x29.....	.....guucgauucccggcgccCg.....	1
Gi5_8151785_x29.....	uccggcguGguauaacggcuaga.....	1
Gi1_3764610_x29.....	.....gCucacccaacagauccg.....	1
Gi5_8148972_x29.....	.....gCucacccaacagauccg.....	1
Gi5_8152887_x29.....	.....guucgauuccUggcgccgg.....	1
Gi2_10032948_x29.....	.....cagauccggguucgauucccggcgccggag.....	0

Gi1_3764407_x29.....	acccaacagauccggguucgauucccg.....	0
Gi5_8144825_x29.....	guucgGuuccggcgccgg.....	1
Gi3_26527030_x29.....	guucgauuccggcgUgga.....	1
Gi3_26537209_x29.....	guucgauuNccggcgccggag.....	1
Gi3_26523260_x29.....	uccggcgCaguauaacgg.....	1
Gi2_10029874_x29.....	gguCcgauuccggcgcc.....	1
Gi5_8145608_x29.....	ucUggcguaguauaacgg.....	1
Gi5_8150915_x29.....	Gcucaccaacagauccg.....	1
Gi3_26539645_x29.....	Gucgauuccggcgccggagc.....	1
Gi3_26538456_x29.....	uccggcguaguauaacgAcua.....	1
Gi3_26538688_x29.....	gguucgauuccggcgGcgagc.....	1
Gi3_26539384_x29.....	uccggcguagCauaacggc.....	1
Gi2_10036109_x29.....	uccggcguGguauaacggcua.....	1
Gi1_3767597_x29.....	guucgauuUccggcgccgg.....	1
Gi5_8148740_x29.....	acccaacagauccggguucgauucc.....	0
Gi5_8143462_x29.....	uccgUcguaguauaacggcuaga.....	1
Gi3_26528828_x29.....	guucAauuccggcgccgga.....	1
Gi3_26542980_x29.....	gguucgauucccgcgAcggag.....	1
Gi3_26554693_x28.....	gguucgauuccggcgAcgga.....	1
Gi5_8160949_x28.....	gguucgauNccggcgccggag.....	1
Gi5_8158877_x28.....	uucucaccNaacagauccg.....	1
Gi2_10045729_x28.....	guucgauuccUggcgccggagc.....	1
Gi2_10046429_x28.....	gguucgauuccAcggcgccggagc.....	1
Gi3_26545733_x28.....	Cccggcguaguauaacgg.....	1
Gi3_26556541_x28.....	guucgauuccggcAccgga.....	1
Gi3_26559173_x28.....	uccggcguaguauCacggc.....	1
Gi1_3770940_x28.....	Uguucgauuccggcgccggag.....	1
Gi2_10055053_x28.....	gguucgauucccgcgccggG.....	1
Gi5_8166913_x28.....	gguucgauuccggcgAc.....	1
Gi5_8162657_x28.....	gCuucgauuccggcgccggagc.....	1
Gi5_8156945_x28.....	guucgauuccggcgUcgg.....	1
Gi2_10057461_x28.....	uccggcguaguauaacggcuAa.....	1
Gi3_26554441_x28.....	cucaccaacagauccggguucgauucc.....	0
Gi3_26547861_x28.....	guucgGuuccggcgccggag.....	1
Gi2_10045757_x28.....	gguuAgauuccggcgccggagc.....	1
Gi3_26545705_x28.....	uccggcguaguauaacggcuGg.....	1
Gi3_26555953_x28.....	guucgauuccUggcgccggagc.....	1
Gi5_8163133_x28.....	gguucucaccaCagauccg.....	1
Gi3_26587578_x27.....	gguucgauuccggcgccAga.....	1
Gi3_26588604_x27.....	gguucgauuccggcAccggag.....	1
Gi3_26578533_x27.....	cucaccaacagauccggguucgauu.....	0
Gi3_26593599_x27.....	ucUggcguaguauaacggcuagaau.....	1
Gi5_8180396_x27.....	uccggcguaguauaacAgcua.....	1
Gi1_3779598_x27.....	uccggcguaguauaacggcCag.....	1
Gi2_10059158_x27.....	guucUauuccggcgccgg.....	1
Gi2_10066853_x27.....	Cgcuaguauaacggcuaga.....	1
Gi3_26577156_x27.....	guucgaGuuccggcgccggagc.....	1

Gi3_26590710_x27.....	aacagauccggguucgauuccggcgccgga.....	0
Gi5_8171027_x27.....	uccggcguaguauaaUggcuaga.....	1
Gi3_26585094_x27.....	ggAucgauuccggcgccggag.....	1
Gi1_3776601_x27.....	guucgaCucccgggcgccgga.....	1
Gi3_26592168_x27.....	guucgauucccAgcgccggagc.....	1
Gi3_26582178_x27.....	ucUggcguaguauaacggcuagaa.....	1
Gi2_10059887_x27.....	ucUggcguaguauaacggc.....	1
Gi3_26586768_x27.....	Ugcguaguauaacggcuaga.....	1
Gi2_10067744_x27.....	guucgauuccggcAccgg.....	1
Gi1_3780354_x27.....	gguucgauuccggcgccgU.....	1
Gi3_26582799_x27.....	Gcucacccaacagauccg.....	1
Gi3_26588037_x27.....	uccggcguaguauaacggcuGgaa.....	1
Gi5_8170649_x27.....	guucgauCcccggcgccg.....	1
Gi5_8178101_x27.....	gguucucacccaGcagauccg.....	1
Gl1a_5426177_x27.....	Uguucgauuccggcgccgg.....	1
Gi5_8169947_x27.....	gauccggguucgauuccggcgccgga.....	0
Gi5_8186200_x26.....	guucgauucccgUgccg.....	1
Gi3_26620993_x26.....	uccggcguaguaCaacgg.....	1
Gi3_26600531_x26.....	acagauccggguucgauuccggcgccggagc.....	0
Gi3_26619537_x26.....	uccggcguaguauaGcggcuag.....	1
Gi1_3786287_x26.....	uccggcguaguGuaacggcuaga.....	1
Gi3_26621123_x26.....	Gucgauuccggcgccgga.....	1
Gi1_3785741_x26.....	uucucacccaCcagauccg.....	1
Gi2_10076679_x26.....	guucgGuuccggcgccg.....	1
Gi1_3781945_x26.....	guucgauuccggcgccgA.....	1
Gi1_3784623_x26.....	ugguucucGcccaacagauccg.....	1
Gi1_3784987_x26.....	uGcggcguaguauaacggcuaga.....	1
Gi5_8194208_x26.....	gguucgauucccgUgcc.....	1
Gi5_8189398_x26.....	uccggcguaguauCacggcuaga.....	1
Gi5_8183444_x26.....	guGcgauuccggcgccg.....	1
Gi5_8186590_x26.....	guucgauucccAgcgccg.....	1
Gi5_8187812_x26.....	uccgUcguaguauaacggcuag.....	1
Gi3_26601935_x26.....	gguucgauucUcggcgccggag.....	1
Gi1_3786209_x26.....	uccggUguaguauaacggcuag.....	1
Gi3_26596267_x26.....	guucgauuccggcgAcgg.....	1
Gi3_26619511_x26.....	uccggcguaguauaaUggcua.....	1
Gi5_8191868_x26.....	Gucacccaacagauccg.....	1
Gi2_10082815_x26.....	uGcucacccaacagauccg.....	1
Gi5_8196534_x25.....	uccggcguaguauaacgAcuag.....	1
Gi1_3790881_x25.....	gAucgauuccggcgccgg.....	1
Gi3_26624893_x25.....	guucgauucUcggcgccg.....	1
Gi3_26621768_x25.....	gguucgCuuccggcgccgga.....	1
Gi3_26646318_x25.....	uccggcguaguauaacAgcuagaa.....	1
Gi1_3790031_x25.....	guucucacNcaacagauccg.....	1
Gi2_10104647_x25.....	guucgauuccggcgccAg.....	1
Gi2_10097697_x25.....	uccggcguaguauaacgAcuaga.....	1
Gi5_8197809_x25.....	Aguucgauuccggcgccgga.....	1

Gi2_10100072_x25	.....gguucgauNcccggcgccgga	1
Gi5_8203184_x25	.....gguuUgauuccggcgccggagc	1
Gi3_26629968_x25	.....Uuucacccaacagauccggg	1
Gi3_26633193_x25	.....gguucgauNcccggcgcc	1
Gi5_8199184_x25	.....uccggcguaguauaacggcuagaaA	1
Gi5_8198434_x25	.....guucucacccaacagGuccg	1
Gi3_26645368_x25	.....guucgauuccggcgAccgg	1
Gi1_3792481_x25	.....uuUucacccaacagauccgg	1
Gi1a_5444687_x25	.....gUuucgauuccggcgccggag	1
Gi5_8200709_x25	.....uuUucacccaacagauccg	1
Gi3_26640343_x25	.....guucgauucGcggcgccggagc	1
Gi5_8196184_x25	.....uccggcguNguauaacggcuagaau	1
Gi5_8201009_x25	.....guucucacccaCagauccg	1
Gi3_26629143_x25	.....uccggAguaguauaacggcu	1
Gi3_26647618_x25	.....gguuUgauuccggcgccggag	1
Gi2_10090447_x25	.....guucgauuccUggcgccgg	1
Gi2_10095222_x25	.....guuUgauuccggcgccggagc	1
Gi5_8201084_x25	.....Cguucucacccaacagauccg	1
Gi1a_5450987_x25	.....Uguucgauuccggcgccgga	1
Gi3_26640368_x25	.....uccggcguaguGuaacggc	1
Gi5_8207059_x25	.....guucgauuccggcgccAg	1
Gi2_10100297_x25	.....aacagauccggguucgauuccggcgccg	0
Gi2_10097647_x25	.....gguucgauuccggUgcc	1
Gi3_26638018_x25	.....gguucgauuccAgcgccgg	1
Gi3_26649193_x25	.....gguucgauuccggUgccggag	1
Gi5_8196384_x25	.....gguucucacUcaacagauccg	1
Gi1_3790131_x25	.....guucgaCuccggcgccg	1
Gi2_10120123_x24	.....uccggcguaguauaacggUuaga	1
Gi3_26663600_x24	.....uccggcguGguauaacggcuag	1
Gi1_3794750_x24	.....ucUggcguaguauaacggcuag	1
Gi5_8218152_x24	.....uccggcguGguauaacgg	1
Gi3_26666672_x24	.....aUaucggguucgauucc	1
Gi3_26671712_x24	.....gguuUgauuccggcgccgga	1
Gi5_8219064_x24	.....uUguucucacccaacagauccgggu	1
Gi3_26674952_x24	.....gguucgauuccggcgUcgga	1
Gi3_26658896_x24	.....guucgauuccggcgUcg	1
Gi3_26675624_x24	.....guucgauCccggcgccggagc	1
Gi3_26660288_x24	.....gguucucaNccaacagauccg	1
Gi1_3795806_x24	.....uccggcguaguauaacggcuGga	1
Gi1_3795614_x24	.....ugguucucNcccaacagauccg	1
Gi3_26663672_x24	.....gguucAauuccggcgccggag	1
Gi5_8209344_x24	.....uccggcguaguaCaacggcuaga	1
Gi3_26675528_x24	.....gguucgauuccggcgccggUg	1
Gi5_8207304_x24	.....uccggcguaguauaacggcuGgaau	1
Gi3_26675888_x24	.....uccgCcgaguauaacggcuaga	1
Gi1_3795686_x24	.....uccggcguaguauaacggcuagG	1
Gi3_26661824_x24	.....gguCucacccaacagauccg	1

Gi3_26664320_x24.....uUcggcguaguauaacggcuag.....	1
Gi5_8217048_x24.....Ugcguaguauaacggcuag.....	1
Gi5_8207976_x24.....Gccggcguaguauaacggcuagaa.....	1
Gi1_3798686_x24.....gguucgaCucccggcgccgg.....	1
Gi3_26668208_x24.....uccggcguaguauGacgg.....	1
Gi2_10111627_x24.....uccggcguNguauaacggc.....	1
Gi5_8218584_x24.....gguucgauucccggcgccggagcguuucc.....	0
Gi5_8208528_x24.....gguucucacccaacagGuccg.....	1
Gi5_8207880_x24.....uccggcguagCauaacggcuaga.....	1
Gi3_26665520_x24.....gguucgaCucccggcgccg.....	1
Gi2_10115803_x24.....gguucgauucccgUgccggagc.....	1
Gi3_26679536_x24.....uccggcguagCauaacgg.....	1
Gi3_26650424_x24.....ucGggcguaguauaacggcuaga.....	1
Gi3_26682400_x23.....uccggcguNguauaacggcuagaa.....	1
Gi1_3800485_x23.....gguucgauucccggcgccggaU.....	1
Gi5_8225756_x23.....Auucucacccaacagauccg.....	1
Gi5_8223433_x23.....Gucucacccaacagauccg.....	1
Gi5_8221616_x23.....gguucacccaGcagaucgg.....	1
Gi5_8230356_x23.....uccggcguaguauaacggcuGg.....	1
Gi4_499827_x23.....Uguucgauucccggcgccgg.....	1
Gi5_8229942_x23.....Cguucgauucccggcgccg.....	1
Gi5_8223571_x23.....gguucgauucccggcgccggagcA.....	1
Gi5_8232656_x23.....uccggcguaguauaacggcuagaugg.....	0
Gi3_26697948_x23.....gguucgauuccUcgggcgccgga.....	1
Gi3_26708827_x23.....uuUucacccaacagauccg.....	1
Gi3_26689323_x23.....uccggcguaguauaacggUua.....	1
Gi3_26687230_x23.....ggGucgauucccggcgccg.....	1
Gi5_8227343_x23.....gguucgauuccAgcgccggagc.....	1
Gi5_8225825_x23.....uccggUguaguauaacggcuag.....	1
Gi3_26688150_x23.....uccggcguaguauaacAg.....	1
Gi3_26701122_x23.....gguucgauuccAgcgccggagc.....	1
Gi1_3804694_x23.....gguucaccccCacagauccg.....	1
Gi3_26697833_x23.....gguucgauCcccgggcgccg.....	1
Gi2_10128003_x23.....gguucUauucccggcgccggagc.....	1
Gi2_10126186_x23.....uccggcguNguauaacggcu.....	1
Gi5_8226906_x23.....Uguucucacccaacagauc.....	1
Gi3_26708482_x23.....gguucucacccaGcagaucgg.....	1
Gi3_26687529_x23.....gguAcgauucccggcgccggag.....	1
Gi5_8220144_x23.....gguUgauucccggcgccgg.....	1
Gi3_26686057_x23.....uccggcguNguauaacggcuag.....	1
Gi2_10122253_x23.....uccggcguaguauaacggcuGgaa.....	1
Gi4_499091_x23.....gUuucgauucccggcgccgg.....	1
Gi1_3805131_x23.....guCcuacccaacagauccg.....	1
Gi5_8231069_x23.....gguucUauucccggcgccg.....	1
Gi5_8228263_x23.....gguucgauuccUgggcgccggagc.....	1
Gi2_10130648_x23.....gguucaccccCacagauccg.....	1
Gi2_10137065_x23.....gCucgauucccggcgccgg.....	1

Gi3_26684470_x23.....	uccggcguaguauaacggcuagaCu.....	1
Gi1_3799979_x23.....	guucgCuuccggcgccgg.....	1
Gi5_8222398_x23.....	guucgauuccggcgccggagcA.....	1
Gi5_8227987_x23.....	uccggcguNguauaacggcua.....	1
Gi5_8228700_x23.....	guucAauuccggcgccgg.....	1
Gi1_3812227_x22.....	guucgauuccggcgccggC.....	1
Gi3_26718166_x22.....	guAcgauuccggcgccggga.....	1
Gi5_8248083_x22.....	gguucucacccaacagCuccg.....	1
Gi3_26718562_x22.....	guucucaccccCacagauccg.....	1
Gi3_26709784_x22.....	guAcgauuccggcgccgg.....	1
Gi3_26713986_x22.....	uuUucacccaacagauccgg.....	1
Gi5_8238293_x22.....	uccggcguaguauCacggcuag.....	1
Gi5_8234575_x22.....	Aguucgauuccggcgcc.....	1
Gi5_8242539_x22.....	ggcguaguauaacggcuagaa.....	0
Gi5_8240427_x22.....	gguucgauNcccggcgccgg.....	1
Gi3_26719574_x22.....	ggCucucacccaacagauccg.....	1
Gi2_10138452_x22.....	guuUgauuccggcgccgg.....	1
Gi3_26727098_x22.....	guucAauuccggcgccggagc.....	1
Gi1_3808399_x22.....	uucucaccUaacagauccgg.....	1
Gi3_26737284_x22.....	uccggcguaguauaacUgcuaga.....	1
Gi3_26729452_x22.....	uccggcguaguauaacggcuC.....	1
Gi5_8243045_x22.....	ccggcguaguauaacggcuagaa.....	0
Gi3_26716120_x22.....	gCucgauuccggcgccggag.....	1
Gi3_26730772_x22.....	gguucgauucccUgcgccgga.....	1
Gi1_3807937_x22.....	Uguucucacccaacagauccgg.....	1
Gi2_10140696_x22.....	guCcgauuccggcgccgg.....	1
Gi3_26740848_x22.....	gguCcgauuccggcgccgg.....	1
Gi3_26725954_x22.....	gguucgauuccggcgAgga.....	1
Gi3_26717066_x22.....	gguucgGuuccggcgccgg.....	1
Gi3_26728792_x22.....	gguNcgauuccggcgccggagc.....	1
Gi1_3813437_x22.....	gAuucgauuccggcgccgg.....	1
Gi3_26727450_x22.....	cGcaccacacagauccgg.....	1
Gi3_26722500_x22.....	uccggcguaguUuaacggcuaga.....	1
Gi3_26728088_x22.....	guucgauuccggcgAgga.....	1
Gi2_10139948_x22.....	guucgauuccggcgccggG.....	1
Gi2_10151036_x22.....	uGgauuccggcgccggagc.....	1
Gi1_3808971_x22.....	uUcggcguaguauaacggcuag.....	1
Gi1_3811083_x22.....	uucucacccaCacagauccgg.....	1
Gi3_26711566_x22.....	guucgauucccAgcgccggag.....	1
Gi3_26721092_x22.....	Uguucucacccaacagauccgg.....	1
Gi3_26726042_x22.....	uccggUguaguauaacgg.....	1
Gi3_26729320_x22.....	uccggcguaguauaacggAuaga.....	1
Gi3_26726196_x22.....	Cguucgauuccggcgccgg.....	1
Gi3_26725778_x22.....	uccggcguaguauaacggGuaga.....	1
Gi3_26725008_x22.....	uccggcguaguaCaacggcua.....	1
Gi2_10142500_x22.....	cggcguaguauaacggcuagaa.....	0
Gi2_10147758_x22.....	Cguucgauuccggcgccggag.....	1

Gi3_26731828_x22.....	..gguCcgauucccggcgcggg.....	1
Gi1_3810995_x22.....	..uccggUguaguauaacgg.....	1
Gi3_26717924_x22.....	..uGcgauucccggcgcggga.....	1
Gi5_8253804_x21.....	..gguucucacccaacagaCccg.....	1
Gi2_10171897_x21.....	..guucgauucccggcgcggagc.....	1
Gi5_8253741_x21.....	..guucgauucccggcgcggcC.....	1
Gi5_8257437_x21.....	..gguucgauCcccggcgcgggagc.....	1
Gi1_3820035_x21.....	..uucucacccaacagauccggguucgau.....	0
Gi3_26769219_x21.....	..uccggcguGguauaacggcuagaau.....	1
Gi2_10157743_x21.....	..gguucgauuccAggcgcgggagc.....	1
Gi2_10155790_x21.....	..uccggcguGguauaacgg.....	1
Gi2_10163098_x21.....	..gguucgauucccggcgcUg.....	1
Gi5_8250171_x21.....	..guucucaccccGacagauccg.....	1
Gi1_3818985_x21.....	..Gucacccaacagauccgg.....	1
G1a_5481220_x21.....	..Uuucucacccaacagauccg.....	1
Gi5_8252838_x21.....	..gguCcgauucccggcgcgggagc.....	1
Gi3_26764158_x21.....	..uccggcgcCaguauaacggcua.....	1
Gi3_26755716_x21.....	..Uauccggguucgauucc.....	1
Gi3_26754267_x21.....	..guGcgauucccggcgcggga.....	1
Gi5_8258970_x21.....	..ggGucgauucccggcgcgggagc.....	1
Gi3_26768988_x21.....	..uccggcguaguGuaaacggcuag.....	1
Gi5_8262477_x21.....	..uccggcguaguauaacggcCagaau.....	1
Gi5_8255211_x21.....	..gguucAauucccggcgcgggagc.....	1
Gi2_10172401_x21.....	..uGcggcguaguauaacgg.....	1
Gi1_3820434_x21.....	..uUcggcguaguauaacgg.....	1
Gi5_8255085_x21.....	..guucgaCucccggcgcgggag.....	1
Gi5_8251956_x21.....	..ggAucgauucccggcgcgggagc.....	1
Gi1_3818649_x21.....	..uucucacccaacGgauccgg.....	1
Gi2_10171771_x21.....	..gguucgauuccAgcgcgggag.....	1
Gi1_3813861_x21.....	..uucucaccccGacagauccgg.....	1
Gi3_26758068_x21.....	..uccggcguaguauaacAgcuag.....	1
Gi5_8254014_x21.....	..gguucgauucccggcgcgggagA.....	1
Gi3_26764221_x21.....	..uccggcguaguauaaUgg.....	1
Gi3_26755359_x21.....	..uccggcguaguauaaAggcuaaga.....	1
Gi2_10157638_x21.....	..uccggcguagCauaacggcuaga.....	1
Gi2_10171645_x21.....	..uccggcguaguauaacggcA.....	1
Gi3_26765145_x21.....	..cagauccggguucgauucccggcgcgggagcC.....	1
Gi2_10166227_x21.....	..uccgUcguaguauaacggcuaga.....	1
Gi1_3816633_x21.....	..uUcggcguaguauaacggcua.....	1
Gi3_26762877_x21.....	..uccggcguaguaCaacggc.....	1
Gi1_3814533_x21.....	..gguucgauucccggcgcgggaU.....	1
Gi3_26742633_x21.....	..uccggcguNguauaacggcuagaau.....	1
Gi3_26768379_x21.....	..uccggcguaguauaaGggcuaga.....	1
Gi5_8251242_x21.....	..uccggcgcCaguauaacggcuaga.....	1
Gi5_8254392_x21.....	..ugguucucacccaacagauccggguucga.....	0
G1a_5485777_x21.....	..gUuucgauucccggcgcgg.....	1
Gi3_26767035_x21.....	..uccggcguaguauaacCgcuaaga.....	1

Gi5_8254728_x21	.gAuucucacccaacagauccg	1
Gi1_3820980_x21	.Gccggcguaguauaacggcuagaau	1
Gi5_8270349_x20	.Cccggcguaguauaacggc	1
Gi1_3821550_x20	.guucgauAcccgggcgccgg	1
Gi2_10175769_x20	.Aguucgauucccgggcgccgg	1
Gi2_10173549_x20	.guucgauucccgggcgccggagA	1
Gi3_26786165_x20	.gauccggguucgauucccgggcgccgga	0
Gi3_26780245_x20	.ugguucucaccUaacagauc	1
Gi2_10187089_x20	.ggGucgauucccgggcgccggag	1
Gi5_8276429_x20	.guucAauucccgggcgccgg	1
Gi5_8271389_x20	.guuUgauucccgggcgccg	1
Gi5_8274529_x20	.gCuucucacccaacagauccg	1
Gi3_26802185_x20	.gguucgCuuccggcgccggag	1
Gi2_10183169_x20	.guucgauCcccgggcgccgg	1
Gi5_8265889_x20	.aguccggcguaguauaacggcu	0
Gi3_26801825_x20	.gAucgauucccgggcgccgg	1
Gi3_26793365_x20	.uccAgcguaguauaacggcua	1
Gi2_10185989_x20	.gguucgauucccgggcgccggagcU	1
Gi2_10189489_x20	.uccggcguaguauaacgAcua	1
Gi1_3821370_x20	.uccggcguaguaCaacgg	1
Gi5_8271009_x20	.Cccggcguaguauaacggcuaga	1
Gi1_3827030_x20	.uucucaccNaacagauccgg	1
Gi1_3825530_x20	.ggCucgauucccgggcgccgg	1
Gi3_26804425_x20	.Ugguucgauucccgggcgccggagc	1
Gi1_3825930_x20	.Cccggcguaguauaacgg	1
Gi3_26772925_x20	.ggcguaguauaacggcuagaau	0
Gi1_3823770_x20	.gguucgauucccgggcgAcgg	1
Gi3_26799545_x20	.gguucgauucccgAcgccgga	1
Gi5_8272489_x20	.uccggcguaguauaacggUuaga	1
Gi2_10183269_x20	.Cccggcguaguauaacggc	1
Gi5_8265869_x20	.uccggcCuaguauaacggc	1
Gi5_8268609_x20	.guucgauucccgggcgAcgg	1
Gi2_10186169_x20	.gguucgauucccgggcgccggaCc	1
Gi1_3824130_x20	.ugguucucacccaacGgauccgg	1
Gi2_10181629_x20	.guucgauCcccgggcgccggagc	1
Gi3_26795625_x20	.uAcggcguaguauaacggcuaga	1
Gi1_3825750_x20	.cggcguaguauaacggcu	0
Gi5_8276009_x20	.Cccggcguaguauaacggcua	1
Gi3_26803925_x20	.gguucgauucccgggcgccAgag	1
Gi1_3827510_x20	.Gcucacccaacagauccg	1
Gi3_26835193_x19	.uccggcguaguaGaacggcuaga	1
Gi3_26808840_x19	.gguucgauucccgggcgccAg	1
Gi1_3830617_x19	.uccgUcguaguauaacgg	1
Gi5_8283296_x19	.ccggcguaguauaacggcu	0
Gi3_26830880_x19	.Cuucgauucccgggcgccggag	1
Gi5_8291903_x19	.gguucgauucccggcAccggagc	1
Gi5_8280085_x19	.uccggcguagCauaacgg	1

Gi1_3830427_x19.....	ucaccaacagauccggguuca.....	0
Gi2_10199340_x19.....	guucgauucccgAcgg.....	1
Gi3_26820943_x19.....	uccggUguaguauaacggcuag.....	1
Gi2_10208726_x19.....	uccggcguaguauaaUggcuaga.....	1
Gi5_8287020_x19.....	guucgauCcccggcgccgg.....	1
Gi3_26836029_x19.....	uccggcguaguauaacggcuagGau.....	1
Gi3_26832894_x19.....	guucgauucUcggcgccgg.....	1
Gi3_26808612_x19.....	Gguccggcguaguauaac.....	1
Gi3_26816193_x19.....	uccggcguaguauaaUggc.....	1
Gi3_26820183_x19.....	guucgauucccgAcggcg.....	1
Gi3_26821722_x19.....	guucgauuccUggcgccgga.....	1
Gi2_10196756_x19.....	guucgauucccgcgccgCagc.....	1
Gi1_3834930_x19.....	Auucgauuccggcgccggagc.....	1
Gi2_10206731_x19.....	gguucgauuAccggcgccggagc.....	1
Gi3_26806161_x19.....	uccggcguaguauaacgAc.....	1
Gi5_8285652_x19.....	uccggcguaguauaacggcuagaGu.....	1
Gi2_10199530_x19.....	guAcgauuccggcgccggagc.....	1
Gi1_3830807_x19.....	Auucucaccaacagauccg.....	1
Gi2_10192918_x19.....	uUcggcguaguauaacggc.....	1
Gi1_3831985_x19.....	gguucgauuccggcgUgg.....	1
Gi3_26805230_x19.....	guCcgauuccggcgccggag.....	1
Gi1_3833676_x19.....	ucUggcguaguauaacggcuaga.....	1
Gi3_26828410_x19.....	gguucgauuccggcgAcg.....	1
Gi3_26822102_x19.....	guucgauuccggcgAcgga.....	1
Gi3_26819936_x19.....	cUauuccggcgccggag.....	1
Gi3_26815452_x19.....	gAuucgauuccggcgccg.....	1
Gi3_26810854_x19.....	Cucucaccaacagauccg.....	1
Gi2_10206845_x19.....	gguucgGuuccggcgcc.....	1
Gi5_8291884_x19.....	uccggcguGguauaacggc.....	1
Gi5_8303733_x18.....	uccggcguaguaCaacggc.....	1
Gi1_3838809_x18.....	gUuucucaccaacagauccg.....	1
Gi1_3841635_x18.....	uccggcguaguauaacggcuGg.....	1
Gi2_10224454_x18.....	gguuUgauuccggcgccgga.....	1
Gi3_26859778_x18.....	guucgauuccggcgUgg.....	1
Gi3_26850778_x18.....	gguucgauuccggcgccgCagc.....	1
Gi3_26843128_x18.....	guGcgauuccggcgccg.....	1
Gi1a_5511635_x18.....	Uguucgauuccggcgcc.....	1
Gi5_8299737_x18.....	uccggUguaguauaacggcu.....	1
Gi1_3842319_x18.....	uccggcguNguauaacggcu.....	1
Gi2_10218010_x18.....	gguucgauuccggcgUgga.....	1
Gi1_3838593_x18.....	uucucaccaacGgauccg.....	1
Gi5_8297325_x18.....	uCcucaccaacagauccg.....	1
Gi5_8300925_x18.....	uUcggcguaguauaacgg.....	1
Gi1_3840465_x18.....	guucgauuccggcgccggG.....	1
Gi3_26846368_x18.....	gguuUgauuccggcgccg.....	1
Gi5_8294553_x18.....	uccAgcguaguauaacggcuag.....	1
Gi2_10223176_x18.....	guucAauuccggcgccggagc.....	1

Gi1_3843435_x18.....	uccgUcguaguauaacggcuag.....	1
Gi3_26859400_x18.....	gguucgauucccgcgccUgagc.....	1
Gi2_10224562_x18.....	guucgauucccgcgUgg.....	1
Gi3_26844622_x18.....	uGcgauucccgcgccggagc.....	1
Gi5_8296209_x18.....	ggAucucacccaacagauccg.....	1
Gi2_10215526_x18.....	guucgauucccgcgUcgg.....	1
Gi1_3837495_x18.....	Cucucacccaacagauccg.....	1
Gi5_8302311_x18.....	guucgauucccgcgUcg.....	1
Gi2_10218298_x18.....	agauccggguucgauucccgcgccggagcC.....	1
Gi3_26865556_x18.....	uccggcguaguCuaacggcua.....	1
Gi3_26842750_x18.....	guucgauucccgUgcccggagc.....	1
Gi4_506352_x18.....	gguucgauucccgcgccggagcC.....	1
Gi2_10226272_x18.....	uccggcgcCaguauaacggcuaga.....	1
Gi5_8297415_x18.....	uccggcguaguauaacggcuCga.....	1
Gi3_26839870_x18.....	Uguucacccaacagauccgggu.....	1
Gi1_3842463_x18.....	Gucgauucccgcgccgg.....	1
Gi3_26866942_x18.....	guucgauucccgAgccgg.....	1
Gi5_8296497_x18.....	uucucacccaCcagauccg.....	1
Gi3_26870074_x18.....	guucgauuccUggcgccggag.....	1
Gi3_26854252_x18.....	gcuaguauaacggcuaga.....	0
Gi2_10223590_x18.....	uccggcguaguauaacggcuagauggu.....	0
Gi1_3843075_x18.....	ugguCucacccaacagauccgg.....	1
Gi3_26873890_x18.....	uGgauucccgcgccggagc.....	1
Gi1_3843633_x18.....	uucCacccaacagauccg.....	1
Gi5_8315104_x17.....	uccggcguaguauaacggcuagauggu.....	0
Gi3_26882054_x17.....	gguucgauucccgGgcccggagc.....	1
Gi3_26889806_x17.....	uucucacccaacagaCccg.....	1
Gi1_3850973_x17.....	aUauccggguucgauucc.....	1
Gi5_8315223_x17.....	gAucgauucccgcgccgg.....	1
Gi4_506824_x17.....	uccggcguaguauaacggc.....	0
Gi5_8311296_x17.....	uccggcguaguauaacggc.....	1
Gi2_10238093_x17.....	uGcgcgguaguauaacggcuag.....	1
Gi2_10246083_x17.....	guucgauucccgcgccAgagc.....	1
Gi1_3850905_x17.....	Auucgauucccgcgccgga.....	1
Gi3_26876937_x17.....	uccggcguaguauaacggcCagaau.....	1
Gi1_3853115_x17.....	ucUggcguaguauaacggcua.....	1
Gi4_508099_x17.....	Uuucgauucccgcgccgg.....	1
Gi2_10232534_x17.....	gguucgauucccgAcc.....	1
Gi1_3847658_x17.....	uccggcguaguauaacggcuaU.....	1
Gi1_3848746_x17.....	guucgaCucccgcgccggagc.....	1
Gi5_8313914_x17.....	Gccggcguaguauaacggcu.....	1
Gi3_26882904_x17.....	guucgauucccgcgccUga.....	1
Gi2_10232636_x17.....	uccggUguaguauaacggcuaga.....	1
Gi5_8308066_x17.....	uccggcguaguauaacggcuag.....	1
Gi5_8310769_x17.....	caacagauccggguucgauucccgcgccg.....	0
Gi5_8319592_x17.....	uccgUcguaguauaacgg.....	1
Gi1_3850395_x17.....	guucucacccaacagGuccg.....	1

Gi5_8316906_x17.....	uccggcguaguauaacggcuCg.....	1
Gi2_10238671_x17.....	guucgauucUcgggcgcggagc.....	1
Gi5_8310820_x17.....	guucgauuUccgggcgcgg.....	1
Gi3_26896844_x17.....	guucgauuUccgggcgcgg.....	1
Gi3_26877923_x17.....	guucgauAccgggcgcgg.....	1
Gi2_10229746_x17.....	gguucgauuccgggcgcAcg.....	1
Gi3_26912263_x17.....	Ugguucgauuccgggcgcggag.....	1
Gi3_26898238_x17.....	uccggcguagAauaacggcuaga.....	1
Gi1_3847335_x17.....	uAguucucacccaacagauccgg.....	1
Gi5_8308746_x17.....	guucucGcccaacagauccg.....	1
Gi5_8319660_x17.....	gUuucucacccaacagauccgg.....	1
Gi5_8311126_x17.....	uccggcguaguauaGcggcuagaau.....	1
Gi1_3848661_x17.....	ggCucucacccaacagauccg.....	1
Gi3_26909917_x17.....	guucgauuccgggcgcAgg.....	1
Gi3_26882003_x17.....	gguucgGuuccgggcgcgg.....	1
Gi3_26878246_x17.....	gguucgUuuccgggcgcggagc.....	1
Gi3_26893376_x17.....	guucgauuccgggcgcggAa.....	1
Gi2_10230664_x17.....	gguucgauuccgggcgcggUgc.....	1
Gi3_26878059_x17.....	gGuuccgggcgcggagc.....	1
Gi1_3851194_x17.....	uCcucacccaacagauccg.....	1
Gi2_10247120_x17.....	uccggcguUguauaacggcuaga.....	1
Gi2_10239453_x17.....	Auucgauuccgggcgcggga.....	1
Gi3_26903763_x17.....	guucgauuccgggcgcggagcgA.....	1
Gi2_10240048_x17.....	uccggcguaguauaacAgc.....	1
Gi2_10243414_x17.....	guucgauucUcgggcgcgg.....	1
Gi1_3846808_x17.....	guucgauuAccgggcgcgg.....	1
Gi1_3854747_x17.....	gguucgauuccgggUgccgg.....	1
Gi5_8318266_x17.....	aUauccggguucgauucc.....	1
Gi1_3848525_x17.....	guucgauuccgggcgcGgg.....	1
Gi3_26892560_x17.....	gguucucacccaacagCuccg.....	1
Gi3_26907112_x17.....	gcguaguauaacggcuagaa.....	0
Gi5_8321479_x17.....	uccggcguNguauaacggc.....	1
Gi2_10238654_x17.....	ggCucgauuccgggcgcgg.....	1
Gi3_26896538_x17.....	uccggcgcCaguauaacggc.....	1
Gi5_8319694_x17.....	guucgauuccgggcgcUgg.....	1
Gi3_26901825_x17.....	gguucgauuccgggAgccgga.....	1
Gi3_26931325_x16.....	uccggcguaguauaacgCcuaga.....	1
Gi5_8337504_x16.....	Aguucgauuccgggcgcggag.....	1
Gi3_26921565_x16.....	ggAucgauuccgggcgcgg.....	1
Gi3_26926957_x16.....	uucucaccNaacagauccg.....	1
Gi5_8325104_x16.....	uccggcguagCauaacggcuag.....	1
Gi3_26919517_x16.....	cUgguucgauuccgggcgcggga.....	1
Gi1_3862977_x16.....	guucgauuccAggcgcgg.....	1
Gi1_3861793_x16.....	Uguucgauuccgggcgcgg.....	1
Gi1_3856657_x16.....	gCucgauuccgggcgcggga.....	1
Gi5_8327520_x16.....	guAcgauuccgggcgcgg.....	1
Gi5_8324224_x16.....	uccggcguaguauaacAgc.....	1

Gi2_10258249_x16.....gguucgaCuccggcgccg..... 1
 Gi2_10256553_x16.....uccggcCuaguauaacggcuaga..... 1
 Gi3_26943453_x16.....gguucgauCccggcgccgg..... 1
 Gi3_26919165_x16.....ggCucgauuccggcgccgg..... 1
 Gi3_26930301_x16.....uucucacccaacagGuccg..... 1
 Gi3_26921389_x16.....uGcggcguaguauaacggcuagaa..... 1
 Gi3_26935261_x16.....gguucgauucccgAcgccggag..... 1
 Gi3_26945757_x16.....uccggcguaguauaGcggcuagaau..... 1
 Gi1_3857777_x16.....gguucgCuuccggcgccgg..... 1
 Gi2_10269849_x16.....guucgauuccggcgGcggagc..... 1
 Gi1_3858497_x16.....gguucucacccaCcagauccg..... 1
 Gi3_26942061_x16.....gUuucacccaacagaucc..... 1
 Gi1_3858289_x16.....gguucgGuuccggcgccgg..... 1
 Gi1_3861857_x16.....gCucucacccaacagauccg..... 1
 Gi5_8333488_x16.....uccggcguaguauaacggcuaAa..... 1
 Gi1_3857521_x16.....uccggcguGguauaacgg..... 1
 Gi2_10263561_x16.....gguucgauuccGggcgccggagc..... 1
 Gi3_26942173_x16.....uccAgcguaguauaacgg..... 1
 G1a_5537341_x16.....gUuucgauuccggcgccgga..... 1
 Gi3_26950013_x16.....gguucucacccaacGgauccg..... 1
 Gi2_10268377_x16.....guucgauuccggcgAcggagc..... 1
 Gi2_10267337_x16.....aUaaugguugguucaccc..... 1
 Gi3_26922189_x16.....Uguucucacccaacagaucc..... 1
 Gi3_26946093_x16.....guucgauuccggcgccggC..... 1
 Gi3_26932605_x16.....gguucgauuccggcgccggA..... 1
 Gi3_26942973_x16.....gguucucaccccCacagauccg..... 1
 Gi3_26941533_x16.....guucgauucUcggcgccgga..... 1
 Gi1_3861985_x16.....guucgauucAcggcgccgg..... 1
 Gi3_26920877_x16.....guucgauAccggcgccggA..... 1
 Gi1_3858945_x16.....gguucgauucccgAcgccg..... 1
 Gi5_8335344_x16.....uccAgcguaguauaacgg..... 1
 Gi5_8335584_x16.....guucgauucccgUgccgg..... 1
 Gi2_10259961_x16.....uccgUcguaguauaacggc..... 1
 Gi1_3861281_x16.....uucucGcccaacagauccg..... 1
 Gi5_8333760_x16.....ggCucgauuccggcgccg..... 1
 Gi2_10252361_x16.....gguucgUuuccggcgccggagc..... 1
 Gi3_26916285_x16.....gguucgauuccGggcgccggagc..... 1
 Gi1_3855969_x16.....uucucacccaacagGuccg..... 1
 Gi2_10266009_x16.....uccggcguaguauaacggcuCga..... 1
 Gi3_26925405_x16.....gguucgauuccggAgccg..... 1
 Gi5_8331232_x16.....Auucgauuccggcgccgga..... 1
 Gi2_10260585_x16.....gguucucaNccaacagauccg..... 1
 Gi3_26936845_x16.....gguucCcacccaacagauccg..... 1
 Gi3_26948301_x16.....gAuucgauuccggcgccgg..... 1
 Gi3_26935277_x16.....gAucgauuccggcgccgga..... 1
 Gi2_10256521_x16.....gguucgauuccggcgccAga..... 1
 Gi1_3860049_x16.....uCcucacccaacagauccg..... 1

Gi2_10263641_x16.....	guAcgauucccggcgccgg.....	1
Gi2_10267577_x16.....	Cguucgauucccggcgccg.....	1
Gi3_26944653_x16.....	uccggcguaguauaacggcuGgaau.....	1
Gi1_3862593_x16.....	ugguucucacccaCcagauccgg.....	1
Gi2_10257705_x16.....	guucgauucccggcgcUggagc.....	1
Gi5_8323808_x16.....	guucgauucUcgggcgccc.....	1
Gi5_8323536_x16.....	gguucucacccaacagaucUg.....	1
Gi2_10261465_x16.....	gguucgauucccAgcgcc.....	1
Gi5_8335312_x16.....	uccggcguNguauaacgg.....	1
Gi5_8336528_x16.....	Aguucgauucccggcgccc.....	1
Gi2_10261641_x16.....	uGcggcguaguauaacggcuagaau.....	1
Gi3_26947453_x16.....	uccggcguCguauaacgg.....	1
Gi1_3860929_x16.....	guucucacccaacGgauccg.....	1
Gi3_26942765_x16.....	gAucgauucccggcgcccggagc.....	1
Gi3_26985805_x15.....	guucgauuUcgggcgcccggag.....	1
Gi5_8352632_x15.....	uccggcguaguauCacgg.....	1
Gi5_8338577_x15.....	guucgauuccAgcgccc.....	1
Gi3_26955550_x15.....	Gccggcguaguauaacggcu.....	1
Gi3_26972620_x15.....	gguucgauuccAggcgcccga.....	1
Gi1_3869582_x15.....	uccggcguaguauaacggcuG.....	1
Gi2_10281595_x15.....	uccAgcguaguauaacggcuaga.....	1
Gi1_3872252_x15.....	gguucucaccccGacagauccg.....	1
Gi2_10287895_x15.....	guucAauucccggcgcccgg.....	1
Gi5_8345297_x15.....	ggGucucacccaacagauccg.....	1
Gi2_10279780_x15.....	ucUggcguaguauaacggcua.....	1
Gi2_10287565_x15.....	guGcgauucccggcgcccggagc.....	1
Gi5_8340467_x15.....	guucgauucccggcgcccCg.....	1
Gi3_26966170_x15.....	uccggcguaguGuaacggcuagaau.....	1
Gi2_10292530_x15.....	guucgauucccggcAccggagc.....	1
Gi2_10277185_x15.....	uccggcguaguaCaacggcuaga.....	1
Gi3_26957575_x15.....	Auucgauucccggcgccc.....	1
Gi5_8351162_x15.....	cCacccaacagauccgg.....	1
Gi5_8351762_x15.....	gUuucucacccaacagauc.....	1
Gi3_26977105_x15.....	cagauccggguucgauucccggcgcccggagc.....	0
Gi2_10287145_x15.....	guucgauucccggcgcccGA.....	1
Gi3_26986555_x15.....	Ggguucucacccaacagauc.....	1
Gi1_3867872_x15.....	guucucacNcaacagauccgg.....	1
Gi3_26961715_x15.....	uccAgcguaguauaacggc.....	1
Gi2_10275640_x15.....	gCucgauucccggcgccc.....	1
Gi1_3870467_x15.....	uccggcguaguauaacAg.....	1
Gi3_26954470_x15.....	gguucgauuGccggcgcccggagc.....	1
Gi3_26952685_x15.....	gguucgauuUcgggcgcccga.....	1
Gi3_26992975_x15.....	uUcggcguaguauaacggcuagaau.....	1
Gi3_26978710_x15.....	acagauccggguucgauucccggcgcccga.....	0
Gi5_8344892_x15.....	ucucaccccGacagauccgg.....	1
Gi2_10274605_x15.....	guCcgauucccggcgccc.....	1
Gi3_26983810_x15.....	gguucgauuccUgcgcccggag.....	1

Gi2_10294195_x15.....	uucucacccaCcagaucgg.....	1
Gi4_510572_x15.....	uccggcguaguauaacggcuagaau.....	0
Gi1_3870362_x15.....	ggGucgauucccggcgcgg.....	1
Gi1_3868877_x15.....	uccggcguaguauaacgAcuag.....	1
Gi3_26977270_x15.....	gguucucacUcaacagaucgg.....	1
Gi5_8354912_x15.....	gguucgauucccggcUggagc.....	1
Gi5_8341367_x15.....	uccggcguagCauaacggc.....	1
Gi1a_5544824_x15.....	Uuucgauucccggcgcggagc.....	1
Gi2_10273030_x15.....	guucgGuucccggcgcggga.....	1
Gi3_26968030_x15.....	uucucacccaacGgaucgg.....	1
Gi3_26953060_x15.....	guucUauucccggcgcggagc.....	1
Gi2_10291435_x15.....	ugguucucNcccaacagaucgg.....	1
Gi3_26988265_x15.....	gguucucacccGacagaucgg.....	1
Gi5_8349707_x15.....	guucgauucccgAgccgg.....	1
Gi3_26981320_x15.....	ggCucgauucccggcgc.....	1
Gi1a_5552324_x15.....	gUuucgauucccggcgc.....	1
Gi3_26960050_x15.....	guucgauuAccgggcgcggagc.....	1
Gi5_8350472_x15.....	uUcggcguaguauaacggcu.....	1
Gi3_26987620_x15.....	uccggcguaguauaacgAcuagaau.....	1
Gi1_3870317_x15.....	gCuucgauucccggcgcgg.....	1
Gi3_26953450_x15.....	guucgauucccggcgcCg.....	1
Gi2_10291720_x15.....	guucgauAcccggcgcggagc.....	1
Gi5_8344007_x15.....	gguucgauucccgUgccggagc.....	1
Gi2_10284595_x15.....	guucgauucccgUgccgg.....	1
Gi1_3866552_x15.....	uggCucucacccaacagaucgg.....	1
Gi5_8339057_x15.....	gguucgauucccAgcgccgga.....	1
Gi2_10288225_x15.....	uUguucucacccaacagauc.....	1
Gi2_10293895_x15.....	gguucgGuucccggcgcggag.....	1
Gi3_26988595_x15.....	guucucacNcaacagaucgg.....	1
Gi1_3867737_x15.....	Cguucucacccaacagaucgg.....	1
Gi3_26957860_x15.....	uucCcacccaacagaucgg.....	1
Gi3_26975290_x15.....	guucgauucUcgggcgcggagc.....	1
Gi3_26986465_x15.....	guucgauucccggcgcAggagc.....	1
Gi1_3872102_x15.....	uccggcguaguGuaacggcuag.....	1
Gi2_10291690_x15.....	ggCucgauucccggcgcggag.....	1
Gi2_10281325_x15.....	gAuucgauucccggcgcggag.....	1
Gi3_26966755_x15.....	gCuucgauucccggcgcgg.....	1
Gi5_8346857_x15.....	gguucgauNcccggcgc.....	1
Gi3_26969215_x15.....	guAcgauucccggcgcggagc.....	1
Gi5_8338427_x15.....	uucucacccaacGgaucgg.....	1
Gi1_3865502_x15.....	uccggcgCaguauaacgg.....	1
Gi1_3867422_x15.....	uccggcguaguauaacggcC.....	1
Gi3_26998135_x14.....	uucucaccNaacagaucgg.....	1
Gi3_27000277_x14.....	uucgauucccggcgcggCgc.....	1
Gi3_27036425_x14.....	ugguucucacccaacagaucggguucga.....	0
Gi2_10305815_x14.....	gcguaguauaacggcuaga.....	0
Gi2_10296631_x14.....	guucgauuNccgggcgcgg.....	1

Gi3_27007347_x14.....	Cccggcguaguauaacggcuagaau.....	1
Gi5_8368683_x14.....	uccgUcguaguauaacggcua.....	1
Gi2_10313039_x14.....	guucgauucccggcgcUg.....	1
Gi3_27018169_x14.....	guuUgauucccggcgcggagc.....	1
Gi1_3882092_x14.....	guucucacccaacagGuccgg.....	1
Gi5_8371357_x14.....	uccggcguaguauaGcggcua.....	1
Gi2_10316595_x14.....	gAuucgauucccggcgcc.....	1
Gi3_27015145_x14.....	gguucgauAcccggcgcggag.....	1
Gi2_10308545_x14.....	uccggUguaguauaacggcua.....	1
Gi3_27005527_x14.....	uccUgcguaguauaacggcuaga.....	1
Gi5_8363685_x14.....	gguucgauucccggcgcggagU.....	1
Gi5_8366779_x14.....	uccggcguaguauaCaacggcuag.....	1
Gi2_10313193_x14.....	guucgauucccggcgccA.....	1
Gi3_27023615_x14.....	uucucGcccaacagauccg.....	1
Gi1_3880440_x14.....	ugguucucacccaacagaCccg.....	1
Gi3_26999759_x14.....	gguucgauucccggcgcggagc.....	1
Gi3_27021445_x14.....	uccggcguaguauaGcggcuagaa.....	1
Gi3_27005163_x14.....	guucgauucccggcgcggAagc.....	1
Gi3_27001719_x14.....	gAuucgauucccggcgcc.....	1
Gi3_27008271_x14.....	guucucacccaacagauccggguucgau.....	0
Gi5_8363433_x14.....	Cuucgauucccggcgcggga.....	1
Gi2_10304737_x14.....	uccggcguaguauaacggcuagGau.....	1
Gi3_27010399_x14.....	ggNucgauucccggcgcggagc.....	1
Gi3_27016139_x14.....	gguuGgauucccggcgcggga.....	1
Gi1_3875372_x14.....	gguucgauucccggcAccgg.....	1
Gi5_8359135_x14.....	ggCucgauucccggcgcggga.....	1
Gi5_8362635_x14.....	gguucgauucccggcgcggGg.....	1
Gi2_10316175_x14.....	guucgauucccggcgcggAagc.....	1
Gi3_27012821_x14.....	gCucgauucccggcgcgg.....	1
Gi5_8368865_x14.....	ggCucgauucccggcgcc.....	1
Gi3_27000333_x14.....	gguucgauucccggcgccCgagc.....	1
Gi1_3874140_x14.....	Cucucacccaacagauccg.....	1
Gi3_27037237_x14.....	gguucucacccaCagauccg.....	1
Gi5_8363377_x14.....	gguucgCuuccgggcggc.....	1
Gi3_27029341_x14.....	uucgauucccggcgcggC.....	1
Gi3_27002881_x14.....	uccNgcguaguauaacggcuaga.....	1
Gi5_8356405_x14.....	gguucgauuccAgcgcc.....	1
Gi5_8369299_x14.....	Cccggcguaguauaacgg.....	1
Gi3_27036271_x14.....	uccggcguaguauaacggcuaUa.....	1
Gi3_27015621_x14.....	guGcgauucccggcgcggagc.....	1
Gi3_27019345_x14.....	guucgauuccAggcgcgg.....	1
Gi2_10301433_x14.....	uccggcguaguGuaacggc.....	1
Gi5_8365687_x14.....	uGcggcguaguauaacggcuagaa.....	1
Gi1_3878970_x14.....	ugguucucacccaCacagauccg.....	1
Gi2_10308713_x14.....	ucUggcguaguauaacggcuagaau.....	1
Gi5_8358995_x14.....	gCucgauucccggcgcggga.....	1
Gi1_3877304_x14.....	uucucacccaacagGuccg.....	1

Gi1a_5559747_x14.....	uccggcguaguauaacgAcuagaau.....	1
Gi3_27011939_x14.....	uucucaccaGcagaucgg.....	1
Gi5_8359107_x14.....	uccggcgCaguauaacggcuagaau.....	1
Gi3_27009573_x14.....	guucgauucccggcgAcggagc.....	1
Gi2_10303701_x14.....	uccggcguGguauaacggcuag.....	1
Gi1_3873146_x14.....	uucucGcccaacagaucgg.....	1
Gi5_8365253_x14.....	Cguucgauucccggcgccgga.....	1
Gi5_8360045_x14.....	gAuucgauucccggcgccg.....	1
Gi1_3873118_x14.....	gguucucaccaacagaCccg.....	1
Gi1a_5558613_x14.....	Gucucaccaacagaucgg.....	1
Gi3_26999605_x14.....	gguucgauuccUggcgccgg.....	1
Gi3_27005429_x14.....	gCuucgauucccggcgccg.....	1
Gi3_27024385_x14.....	uccggcguaguauaCggg.....	1
Gi5_8365309_x14.....	cguaguauaacggcuagaauugguugguuc.....	0
Gi3_27012527_x14.....	uccggcguaguauaCgggcu.....	1
Gi2_10297023_x14.....	gguucgauCccggcgccgga.....	1
Gi5_8362173_x14.....	uccggcguaguauaacggcCa.....	1
Gi1_3877780_x14.....	ggCucgauucccggcgccggagc.....	1
Gi3_27029817_x14.....	uccggcgGaguauaacggcuaga.....	1
Gi5_8367703_x14.....	guucucaccaacCgaucgg.....	1
Gi3_27002125_x14.....	gguucgauucccggcgAcgg.....	1
Gi2_10298059_x14.....	guucgauuUccggcgccgg.....	1
Gi3_27021501_x14.....	guGcgauucccggcgccggag.....	1
Gi3_27004211_x14.....	gguucgauucccggcgUcggag.....	1
Gi3_27022649_x14.....	guucgauucccggcgGcggagc.....	1
Gi5_8363755_x14.....	gguucAauucccggcgccg.....	1
Gi2_10306039_x14.....	guucgauucccggAgcgggagc.....	1
Gi5_8372561_x14.....	guGcgauucccggcgccgg.....	1
Gi3_27006661_x14.....	guCucaccaacagaucgg.....	1
Gi5_8360829_x14.....	gguucgauuccUgcgcccggagc.....	1
Gi3_27006577_x14.....	uCucaccaacagaucgg.....	1
Gi3_27014207_x14.....	uccggcguUguauaacggc.....	1
Gi1_3876772_x14.....	gguucucaccaacagCuccg.....	1
Gi3_27000123_x14.....	gguucgauucccggcgccgAa.....	1
Gi5_8359835_x14.....	uccggcguaguauaacAgcuagaau.....	1
Gi5_8373351_x13.....	gguucgauucccggcgccggG.....	1
Gi3_27060023_x13.....	uccggcguaguauaacggcuagaC.....	1
Gi3_27077807_x13.....	Auucucaccaacagaucgg.....	1
Gi3_27075623_x13.....	Gguccggcguaguauaacggcuagaau.....	1
Gi3_27038209_x13.....	uccggcguaguauaacggcuAaa.....	1
Gi3_27067238_x13.....	uccggcguaguauaacgUcuaga.....	1
Gi1_3885592_x13.....	guucgauucccggcgGcgg.....	1
Gi3_27056617_x13.....	uccggcguaguauaacggAua.....	1
Gi3_27067030_x13.....	gguuAgauucccggcgccgga.....	1
Gi3_27075558_x13.....	uccggcguCguauaacggc.....	1
Gi1_3882914_x13.....	guucucGcccaacagaucgg.....	1
Gi3_27048310_x13.....	gguucgauuccUggcgccg.....	1

Gi3_27063572_x13.....	.gguucucGcccaacagauccg.....	1
Gi3_27050338_x13.....	.guucgauucccgccgagA.....	1
Gi3_27045437_x13.....	.guucgauucccgccAgagc.....	1
Gi1_3888413_x13.....	.ugUuucacccaacagauccg.....	1
Gi5_8373884_x13.....	.gguucgauucccgccAgagc.....	1
Gi1a_5572419_x13.....	.gUuucgauucccgccg.....	1
Gi5_8380748_x13.....	.uucucacccaacagGuccg.....	1
Gi2_10338106_x13.....	.gCuucgauucccgccgag.....	1
Gi3_27046542_x13.....	.gguuGgauucccgccgag.....	1
Gi1_3889024_x13.....	.ugguucucacccGacagauccg.....	1
Gi2_10338912_x13.....	.guucgaGucccgccgagc.....	1
Gi2_10324599_x13.....	.uccggcguagCauaacggcua.....	1
Gi2_10330592_x13.....	.guucgauucccgccggaAc.....	1
Gi5_8389601_x13.....	.gguucgaCuucccgccg.....	1
Gi5_8385987_x13.....	.uccggcguaguauaacggcuagaC.....	1
Gi3_27057319_x13.....	.guucgCuucccgccgagc.....	1
Gi5_8373858_x13.....	.Cguucgauucccgccg.....	1
Gi2_10322298_x13.....	.gguucgauucccgccAccgga.....	1
Gi5_8380410_x13.....	.guucgauucccgccGcgg.....	1
Gi1_3891559_x13.....	.Ugcguaguauaacggcuag.....	1
Gi3_27064742_x13.....	.Gucaccaacagauccg.....	1
Gi3_27059763_x13.....	.uccggcguaguauaacggU.....	1
Gi2_10322402_x13.....	.guucgauucccgccgagcU.....	1
Gi1_3885540_x13.....	.guuNgauucccgccg.....	1
Gi3_27063494_x13.....	.uGgauucccgccgag.....	1
Gi2_10324222_x13.....	.gguucgauucccgccAgag.....	1
Gi3_27062961_x13.....	.guucgauCcccgccgag.....	1
Gi3_27065496_x13.....	.gUuucacccaacagauccg.....	1
Gi5_8384674_x13.....	.gguucgauucccgccAgcggagc.....	1
Gi3_27044670_x13.....	.guucgauUccggccgagc.....	1
Gi5_8381086_x13.....	.guucCcacccaacagauccg.....	1
Gi3_27069760_x13.....	.uccggcguaguauaCcggc.....	1
Gi3_27043162_x13.....	.gguucgauucccgccGggagc.....	1
Gi3_27062818_x13.....	.gguucgauuccUggcgc.....	1
Gi1_3892781_x13.....	.gguucucaNccaacagauccg.....	1
Gi1_3892261_x13.....	.guucgauucccgccgU.....	1
Gi5_8382412_x13.....	.gguucucaccUaacagauccg.....	1
Gi1_3891182_x13.....	.guucucacccGacagauccg.....	1
Gi4_514174_x13.....	.Uguucgauucccgccgagc.....	1
Gi3_27059126_x13.....	.gCuucacccaacagauccg.....	1
Gi3_27077092_x13.....	.gguucgauucccgccggaUc.....	1
Gi3_27042083_x13.....	.Cguucgauucccgcc.....	1
Gi3_27059906_x13.....	.gguucUauucccgccgagc.....	1
Gi3_27065327_x13.....	.guucgGuucccgccg.....	1
Gi2_10328044_x13.....	.uccggcguaguauaacAgcuagaau.....	1
Gi5_8373910_x13.....	.ggGucgauucccgccg.....	1
Gi2_10322532_x13.....	.gguucgauucccgccgagcA.....	1

Gi5_8390368_x13.....	guucgauucccgUcgccgg.....	1
Gi2_10336663_x13.....	Cucucacccaacagauccg.....	1
Gi2_10342500_x13.....	uccggcguaguGuaacggcuagaau.....	1
Gi3_27084086_x13.....	gguucucacccaacagauccg.....	1
Gi1_3885072_x13.....	uccggcguaguauaacggcuagU.....	1
Gi3_27063065_x13.....	gguucgauucccgcccgA.....	1
Gi1a_5576280_x13.....	uccggcguaguauaacggcu.....	0
Gi5_8383855_x13.....	guucgauucccgcccg.....	1
Gi5_8376679_x13.....	guucgauuNccggcgcggga.....	1
Gi1_3886073_x13.....	Gccggcguaguauaacggcu.....	1
Gi3_27079484_x13.....	ggGucucacccaacagauccg.....	1
Gi5_8373143_x13.....	uccggcguaguauaacggcuagGau.....	1
Gi5_8382022_x13.....	guucgauucccgcccgCgc.....	1
Gi1_3891845_x13.....	gguucgauNccggcgcgggagc.....	1
Gi2_10321648_x13.....	guucgauucccgcccgagU.....	1
Gi3_27043669_x13.....	guucgauuccAggcgcggga.....	1
Gi5_8385636_x13.....	guAcgauucccgcccg.....	1
Gi2_10333738_x13.....	uccggcguaguGuaacggcua.....	1
Gi2_10332256_x13.....	gguAcgauucccgcccgagc.....	1
Gi1_3887464_x13.....	ugguucCacccaacagauccg.....	1
Gi2_10328811_x13.....	ggCucgauucccgcccg.....	1
Gi3_27072802_x13.....	gguucgauuccCgcgcgggagc.....	1
Gi3_27052301_x13.....	gguucgauucccgccAggag.....	1
Gi5_8376926_x13.....	gguucgauuUccggcgcgg.....	1
Gi2_10332919_x13.....	aUauccggguucgauucc.....	1
Gi1_3884643_x13.....	guucgauuccAggcgcggga.....	1
Gi3_27052756_x13.....	gguucgauucccgccUcg.....	1
Gi3_27051573_x13.....	uccgUcguaguauaacggcuag.....	1
Gi1_3885293_x13.....	guucucacccaCcagauccg.....	1
Gi2_10336390_x13.....	gguucgauucccgcccgCagc.....	1
Gi3_27039015_x13.....	gguucgauuUccggcgcgg.....	1
Gi3_27058840_x13.....	uccggcguaguauaacggcCag.....	1
Gi4_513719_x13.....	guucgauucccgcccg.....	0
Gi3_27047153_x13.....	uccggcAuaguauaacggcua.....	1
Gi2_10345018_x12.....	guucgauuNccggcgcgggag.....	1
Gi1_3901406_x12.....	uccggcguaguauaacggU.....	1
Gi5_8400258_x12.....	uccggcguaguauaacgAc.....	1
Gi3_27117369_x12.....	gguucgauucccgccAg.....	1
Gi1_3895478_x12.....	uccggcguaguauaacggcuagaaA.....	1
Gi5_8401206_x12.....	uccggcguaguaCaacggcua.....	1
Gi1_3902114_x12.....	uccggcguaguauaGcggcua.....	1
Gi5_8392722_x12.....	guucucacccaacagaCccg.....	1
Gi5_8396058_x12.....	ggcguaguauaacggcua.....	0
Gi5_8393478_x12.....	gguucgCuuccggcgcgggagc.....	1
Gi5_8392002_x12.....	uccggUguaguauaacgg.....	1
Gi3_27110877_x12.....	guucgauucccgccAgag.....	1
Gi3_27126693_x12.....	guucgauuccCgcgcgggagc.....	1

Gi5_8402034_x12.....	guucgauucccggcgcAgg.....	1
Gi5_8406570_x12.....	uccggcguaguGuaacggcuagaau.....	1
Gi1_3897482_x12.....	guucgaGucccggcgccgg.....	1
Gi5_8400198_x12.....	uccggcgCaguauaacggcuag.....	1
Gi3_27097293_x12.....	gguucucacccaacagaCccg.....	1
Gi3_27124785_x12.....	gguucgauucccgUgccgg.....	1
Gi3_27094065_x12.....	uccggcguaguCuaacggc.....	1
Gi5_8400042_x12.....	gAuucgauucccggcgccgga.....	1
Gi1_3896822_x12.....	uccggcguaguGuaacgg.....	1
Gi1_3893738_x12.....	guucucacccaacagauccAg.....	1
Gi2_10364326_x12.....	gguucgauucccgGgccggagc.....	1
Gi3_27097029_x12.....	gguucgauucccggcAcc.....	1
Gi5_8404566_x12.....	gguucgaCucccggcgccgg.....	1
Gi1_3898814_x12.....	uccggcguaguauaaUggcuaga.....	1
Gi2_10354426_x12.....	gguucgGuuccggcgccgga.....	1
Gi2_10359730_x12.....	uucucacccaacagGuccg.....	1
Gi4_515028_x12.....	uccggcguaguauaacggcuagaa.....	0
Gi5_8401710_x12.....	uGucacccaacagauccg.....	1
Gi5_8394810_x12.....	guucgauucccgAcgccgg.....	1
Gi3_27103185_x12.....	uccggcguaguauaacAgcuagaa.....	1
Gi1_3900650_x12.....	guucgauucccCgcccgg.....	1
Gi5_8407494_x12.....	guucgauucccggcUcggagc.....	1
Gi5_8404746_x12.....	uccggUguaguauaacggcuaga.....	1
Gi1_3895370_x12.....	gguucgauuccAgccgccg.....	1
Gi5_8393466_x12.....	gguucucacccaacagauccAg.....	1
Gi2_10356154_x12.....	ggGucgauucccggcgccgga.....	1
Gi5_8406114_x12.....	Gugguucucacccaacagauccg.....	1
Gi2_10367230_x12.....	guucgauucccAgccgccg.....	1
Gi3_27131349_x12.....	guucgauUccggcgccgga.....	1
Gi1_3898454_x12.....	guucucacccaacGgauccg.....	1
Gi5_8394774_x12.....	guucgauucccggcgcAg.....	1
Gi3_27113469_x12.....	uUgauucccggcgccggagc.....	1
Gi2_10359070_x12.....	Cuucgauucccggcgccggag.....	1
Gi3_27101049_x12.....	ugguucucNcccaacagauccg.....	1
Gi3_27127785_x12.....	guucgauucccggcgccggagcU.....	1
Gi2_10353190_x12.....	gguucgauuccUggcgcc.....	1
Gi3_27102801_x12.....	uccggcguUguauaacggcua.....	1
Gi1_3899774_x12.....	uGcgauucccggcgccgg.....	1
Gi3_27108045_x12.....	uucucacccaGcagauccgg.....	1
Gi1_3897170_x12.....	uucCcacccaacagauccg.....	1
Gi3_27109329_x12.....	uccggcguaguauaaAggcua.....	1
Gi3_27088305_x12.....	gguucgauucccggcgcUgg.....	1
Gi1_3902258_x12.....	gguucucGcccaacagauccg.....	1
Gi3_27103977_x12.....	Gugguucucacccaacagaucc.....	1
Gi2_10354906_x12.....	guucgauucccAgccgccg.....	1
Gi3_27112941_x12.....	gguucgaAuuccggcgccggagc.....	1
Gi2_10350382_x12.....	Auucgauucccggcgccg.....	1

Gi3_27126453_x12.....	.gUuucacaccaacagauccgggu.....	1
Gi5_8404698_x12.....	.uucCaccaacagauccg.....	1
Gi1_3897854_x12.....	.guucgauuccUgcgccg.....	1
Gi1_3895874_x12.....	.uucacaccaacaAauccg.....	1
Gi5_8407074_x12.....	.gguucgauuccggcgAggagc.....	1
Gi5_8401998_x12.....	.guucucaccUaacagauccg.....	1
Gi2_10361794_x12.....	.Aguucacaccaacagauccg.....	1
Gi2_10347886_x12.....	.uGcggcguaguauaacggcuagaa.....	1
Gi3_27122361_x12.....	.gguucgauuUccggcgccg.....	1
Gi1_3899882_x12.....	.ccggcguGguauaacggcuag.....	1
Gi3_27092649_x12.....	.uccggcAuaguauaacgg.....	1
Gi2_10349386_x12.....	.gAucgauuccggcgccggagc.....	1
Gi3_27117285_x12.....	.gguucgauucAcggcgccggag.....	1
Gi5_8406918_x12.....	.uccggcguaguauaacggcuG.....	1
Gi5_8408574_x12.....	.uUcggcguaguauaacggc.....	1
Gi1_3894194_x12.....	.uGguucacaccaacagauccg.....	1
Gi2_10365874_x12.....	.gguNcgauuccggcgccggagc.....	1
Gi3_27104649_x12.....	.uucCaccaacagauccg.....	1
Gi2_10344010_x12.....	.guuUgauuccggcgccg.....	1
Gi3_27105573_x12.....	.uccggcguaguauaacggcuagCa.....	1
Gi3_27117957_x12.....	.guucacaccaacCgauccg.....	1
Gi5_8395722_x12.....	.gguucgauuccggcgUgga.....	1
Gi2_10348270_x12.....	.uCcucaccaacagauccg.....	1
Gi3_27106473_x12.....	.Accggcguaguauaacggc.....	1
Gi1_3900710_x12.....	.uccggcguaguauaacAgcuaga.....	1
Gi2_10355794_x12.....	.uccggcguaguauaacggcuagGa.....	1
Gi3_27096909_x12.....	.guucgauuccggcgGcgg.....	1
Gi3_27093009_x12.....	.gguucgauuccggcgccggU.....	1
Gi5_8403234_x12.....	.gguucgauuccggcgUcggagc.....	1
Gi5_8392854_x12.....	.uccggcguaguauCacggcua.....	1
Gi5_8400306_x12.....	.guucgauuccggcgAcg.....	1
Gi2_10363918_x12.....	.gguucgCuuccggcgccggag.....	1
Gi5_8399538_x12.....	.Accggcguaguauaacggcuag.....	1
Gi3_27101517_x12.....	.gguucacaccaacagGuccg.....	1
Gi5_8401914_x12.....	.Uuucgauuccggcgccggag.....	1
Gi5_8404434_x12.....	.gCucgauuccggcgccggagc.....	1
Gi1_3896510_x12.....	.uccggUguaguauaacggcua.....	1
Gi2_10344394_x12.....	.guucgauuccggcAccgga.....	1
Gi5_8401218_x12.....	.gUuucgauuccggcgccggagcgu.....	1
Gi3_27087333_x12.....	.caacagauccggguucgauuccggcgccgg.....	0
Gi3_27113829_x12.....	.Accggcguaguauaacggcua.....	1
Gi5_8404902_x12.....	.gguucgauuccggcgccggCg.....	1
Gi2_10356202_x12.....	.gGuuccggcgccggagc.....	1
Gi3_27123429_x12.....	.guucgauuccggcgccggagU.....	1
Gi3_27118293_x12.....	.guucUauuccggcgccggag.....	1
Gi2_10377172_x11.....	.uccggcguaguauCacggc.....	1
Gi3_27144360_x11.....	.aUauccggguucgauucc.....	1

Gi2_10391230_x11.....	cUgcguaguauaacggcua.....	1
Gi3_27177382_x11.....	guucgauuNccggcgccg.....	1
Gi3_27173730_x11.....	guucgauucccgccgU.....	1
Gi1_3909963_x11.....	guucgauuccggcgccAga.....	1
Gi5_8428219_x11.....	guucucacUcaacagauccg.....	1
Gi2_10376281_x11.....	guucgauuccggcgccgCg.....	1
Gi5_8419232_x11.....	cucaccaacagGuccgg.....	1
Gi2_10384421_x11.....	uUcggcguaguauaacgg.....	1
Gi3_27166690_x11.....	Gcgauuccggcgccgga.....	1
Gi5_8413666_x11.....	uccgAcguaguauaacgg.....	1
Gi2_10376468_x11.....	guucgauuccUggcgccggag.....	1
Gi3_27183982_x11.....	guucgauuccggAgccggagc.....	1
Gi3_27149948_x11.....	gUcguaguauaacggcua.....	1
Gi3_27183509_x11.....	uccggcguaguauaacgAcuag.....	1
Gi2_10384201_x11.....	guucgauuccggcgCagg.....	1
Gi3_27183586_x11.....	guucgauuccggcAccggag.....	1
Gi5_8410355_x11.....	Uguucucaccaacagauccgggu.....	1
Gi5_8418066_x11.....	gCuucgauuccggcgccg.....	1
Gi5_8418451_x11.....	uccggUguaguauaacggc.....	1
Gi1_5609469_x11.....	Gccggcguaguauaacggcuag.....	1
Gi3_27173664_x11.....	Accggcguaguauaacgg.....	1
Gi3_27179087_x11.....	uccggcguaguauCacggcuag.....	1
Gi5_8412951_x11.....	guucucaccaacagauccA.....	1
Gi2_10373432_x11.....	gguucgauuUccggcgcc.....	1
Gi3_27169869_x11.....	guucucaccaacagGuccg.....	1
Gi3_27137221_x11.....	Uuucaccaacagauccgggu.....	1
Gi3_27169121_x11.....	gguucgauuccAgcgccgg.....	1
Gi5_8423874_x11.....	guucgauucccgAcgccgga.....	1
Gi3_27180308_x11.....	guuAgauuccggcgccgg.....	1
Gi5_8422455_x11.....	gAucgauuccggcgccg.....	1
Gi5_8414458_x11.....	gguucgauuUccggcgccggagc.....	1
Gi3_27167427_x11.....	guucgauucccgUcgccgga.....	1
Gi1_3909710_x11.....	Aguucgauuccggcgccggagc.....	1
Gi5_8429264_x11.....	guucgauuUccggcgccg.....	1
Gi5_8410553_x11.....	Accggcguaguauaacggcuaga.....	1
Gi5_8413479_x11.....	gUcguaguauaacggcuag.....	1
Gi5_8418671_x11.....	uccggcguaguauaacggcuagauggu.....	0
Gi1_3905453_x11.....	Aguucgauuccggcgccgga.....	1
Gi3_27145086_x11.....	uccggcguaguauaacggcuagCau.....	1
Gi1_3909952_x11.....	gguucgauuccUggcgccgg.....	1
Gi5_8431057_x11.....	guucgauuccAgggcgccg.....	1
Gi2_10371342_x11.....	guucgauuccggUgcccga.....	1
Gi3_27157802_x11.....	ugguucucaccaacGgauccg.....	1
Gi3_27186776_x11.....	uuUgauuccggcgccggagc.....	1
Gi3_27145449_x11.....	gguucucaccaacagauccA.....	1
Gi3_27178009_x11.....	Ugguucgauuccggcgccgga.....	1
Gi2_10392935_x11.....	gguucgaAuuccggcgccggagc.....	1

Gi2_10393540_x11	.....gguucgauucccggcgUc	1
Gi1_3907873_x11	.....guucgauucccggcgUgga	1
Gi3_27144250_x11	.....uccggcguaguauCacggcuagaau	1
Gi5_8415030_x11	.....guucucacccaacGgauccg	1
Gi3_27164699_x11	.....gguucgauAccggcgccgga	1
Gi3_27151818_x11	.....uccggcguaguauaacggcuagGa	1
Gi3_27147528_x11	.....uccggGguaguauaacggcuaga	1
Gi2_10391307_x11	.....Cuucgauucccggcgccc	1
Gi5_8428120_x11	.....Gcaccacaacagauccggguu	1
Gi3_27168615_x11	.....ucgauuccNggcgccggagc	1
G1a_5613319_x11	.....Uuucgauucccggcgccc	1
Gi5_8420310_x11	.....guucgauucccggcgcccA	1
Gi5_8418330_x11	.....guGcucacccaacagauccg	1
Gi2_10373322_x11	.....guGcgauucccggcgccc	1
Gi5_8418286_x11	.....gguucgauuccUggcgccc	1
Gi1_3905156_x11	.....gguucgauucccggcgAgg	1
Gi3_27167878_x11	.....guucgCuucccggcgccc	1
Gi2_10397588_x11	.....gguucgauCcccggcgc	1
Gi3_27143898_x11	.....uccggcguaguaAaacggcuaga	1
Gi2_10385290_x11	.....gCucgauucccggcgcccag	1
Gi2_10384608_x11	.....uccgUcguaguauaacggcua	1
Gi2_10388832_x11	.....ggAucgauucccggcgccc	1
Gi3_27142325_x11	.....ccaacagauccggguucgauucccggcgccc	0
Gi5_8424138_x11	.....Gcucacccaacagauccg	1
Gi5_8420024_x11	.....gguucgauucccggcgcccA	1
Gi2_10381913_x11	.....Auucgauucccggcgcccag	1
Gi3_27151873_x11	.....guucgauucccggcgUcggagc	1
Gi1_3914561_x11	.....Gcucacccaacagauccg	1
Gi3_27165073_x11	.....uccggcguaguauaacggUuag	1
Gi2_10396785_x11	.....uccggcguaguauaacggcuGg	1
Gi2_10392671_x11	.....ggCucucacccaacagauccg	1
Gi3_27156955_x11	.....cucacccaacagauccggguucgauucc	0
Gi3_27184686_x11	.....uccggAguaguauaacgg	1
Gi3_27178471_x11	.....gguucucacccaacagauAg	1
Gi1_3910568_x11	.....ugguucucacccaacagGuccgg	1
Gi3_27162972_x11	.....Gccggguucgauucccggcgcccga	1
Gi1_3908324_x11	.....guucgauucccggcgcccagcU	1
Gi3_27156548_x11	.....uccggcguaguauaaUggcuag	1
Gi3_27150520_x11	.....uccggcguaguauGacggc	1
Gi2_10387710_x11	.....uccggcguaguauaacAgcuag	1
Gi2_10379944_x11	.....ggGucgauucccggcgccc	1
Gi5_8426822_x11	.....gguucgauucccggcgUg	1
Gi1_3915683_x11	.....cguaguauaacggcuagaau	0
Gi3_27138805_x11	.....ggGucgauucccggcgccc	1
Gi5_8427636_x11	.....uccggcguaguGuaacggc	1
Gi5_8419903_x11	.....guuUgauucccggcgcccga	1
Gi2_10378382_x11	.....uccgAcguaguauaacggcuaga	1

Gi5_8420563_x11.....	uccggcguaguaCaacgg.....	1
Gi2_10369868_x11.....	ucgauuccNggcgccggagc.....	1
Gi3_27133789_x11.....	uccggcguaguaGaacggcua.....	1
Gi3_27157648_x11.....	uGcgauuccggcgccgg.....	1
Gi2_10395916_x11.....	guucgauuccggcgccggagcgA.....	1
Gi3_27179593_x11.....	guucgauuAccggcgccgga.....	1
Gi2_10377293_x11.....	uccggcguaguaGcggc.....	1
Gi5_8429451_x11.....	uUcggcguaguaaacggcuagaa.....	1
Gi5_8426338_x11.....	uccggcguaguaaacAg.....	1
Gi2_10397500_x11.....	uccggcguCguuaaacggcuaga.....	1
Gi3_27178779_x11.....	gguucgauuAccggcgccggag.....	1
Gi5_8425271_x11.....	gguucucaUccaacagauccg.....	1
Gi2_10394222_x11.....	gguucgaCuccggcgccgga.....	1
Gi1_3910612_x11.....	Cccggcguaguaaacggcua.....	1
Gi3_27148716_x11.....	uccggUguaguaaacggcuagaa.....	1
Gi1_3908104_x11.....	uucucacccaGcagauccg.....	1
Gi1_3910887_x11.....	uAcucacccaacagauccg.....	1
Gi1_3915661_x11.....	uccggcguagCauaacgg.....	1
Gi2_10389547_x11.....	ccggcguaguaaacggcuagaa.....	0
Gi2_10383827_x11.....	uccggcguaguaGcgg.....	1
Gi2_10395388_x11.....	uuUucacccaacagauccg.....	1
Gi3_27172443_x11.....	guucgauuccggcgccgCagc.....	1
Gi5_8410993_x11.....	uccggcguaguGuaacggcua.....	1
Gi3_27167482_x11.....	gguucgauuccAgcgccg.....	1
Gi3_27180517_x11.....	gCucucacccaacagauccg.....	1
Gi1_3907752_x11.....	guucAauuccggcgccgga.....	1
Gi3_27233622_x10.....	gCguucgauuccggcgccggagc.....	1
Gi5_8442986_x10.....	uccgAcguaguaaacggcuagaa.....	1
Gi5_8434526_x10.....	uGcucacccaacagauccg.....	1
Gi5_8449856_x10.....	gguucgGuuccggcgccg.....	1
Gi3_27190342_x10.....	uccggcguCguuaaacggcua.....	1
Gi3_27225642_x10.....	uccAgcguaguaaacggcuag.....	1
Gi3_27204172_x10.....	gguucAauuccggcgccg.....	1
Gi1_3925234_x10.....	gCucucacccaacagauccg.....	1
Gi3_27209772_x10.....	gguucgauuccggcgAccg.....	1
Gi3_27189252_x10.....	uccggcguaguGuaacggcuagaa.....	1
Gi3_27205472_x10.....	guuUgauuccggcgccggag.....	1
Gi5_8447786_x10.....	gguucgauucccgAcgcccggagc.....	1
Gi2_10412292_x10.....	gguucgUuuccggcgccggag.....	1
Gi2_10401452_x10.....	guucgauuccggcgAccg.....	1
Gi1_3924494_x10.....	ugguCcucacccaacagauccg.....	1
Gi3_27220922_x10.....	gguucgauuccUgcgccc.....	1
Gi5_8447776_x10.....	ucUggcguaguaaacggcuagaa.....	1
Gi2_10415192_x10.....	guucucacNcaacagauccg.....	1
Gi2_10404252_x10.....	gguucgauuUccggcgccgga.....	1
Gi2_10412482_x10.....	uccggcguaguCuaacggcuaga.....	1
Gi2_10407172_x10.....	guucgauuccgAcgcccggagc.....	1

Gi1_3923774_x10.....gguucgauUccggcgccgg.....1
 Gi1_3920124_x10.....ugguucucacUcaacagauccgg.....1
 Gi1_3921274_x10.....guCcgauuccggcgccg.....1
 Gi1_3920724_x10.....aacagauccggguucgauuccggcgccggagc.....0
 Gi2_10405312_x10.....guucgauuccggcgcgAggagc.....1
 Gi2_10415872_x10.....uUcggcgaguauaacggcua.....1
 Gi1_3926524_x10.....guucucacccaCagauccgg.....1
 Gi2_10413142_x10.....guucgauuccggcgccggGg.....1
 Gi3_27231662_x10.....gguucAcaccaacagauccg.....1
 Gi3_27222132_x10.....uccggcgaguauaaUggcuagaa.....1
 Gi2_10411452_x10.....uccggcgaguauaacggcCa.....1
 Gi2_10427882_x10.....gguucgauuccggcgccCgagc.....1
 Gi2_10409192_x10.....gguuUgauuccggcgcc.....1
 Gi2_10397762_x10.....guucgauuUccggcgccggagc.....1
 Gi3_27188212_x10.....guucGcuuccggcgccgga.....1
 Gi5_8439926_x10.....Cgguucucacccaacagauccg.....1
 Gi3_27239032_x10.....uccggcgCaguauaacggcuagaau.....1
 Gi2_10417612_x10.....uccggcgaguauaaGcggcua.....1
 Gi3_27217412_x10.....gguucgauuccAgggcgccggag.....1
 Gi2_10409622_x10.....gguucgauuccggcgccggC.....1
 Gi3_27192892_x10.....guucgauuccggUcgccgg.....1
 Gi2_10410772_x10.....gguucgauuccggcgUcgga.....1
 Gi2_10414892_x10.....ggGucucacccaacagauccg.....1
 Gi2_10399502_x10.....guucucacccaacagGuccg.....1
 Gi3_27205052_x10.....uUcggcgaguauaacggcuagaa.....1
 Gi2_10412052_x10.....uccggcgaguauaacggcuagaaC.....1
 Gi3_27209272_x10.....guucgauuccggcgccggUgc.....1
 Gi5_8439896_x10.....uccggcAuaguauaacggcuagaau.....1
 Gi2_10419612_x10.....cUauuccggcgccggagcguuu.....1
 Gi5_8448436_x10.....guucgauuccggcgccggGgc.....1
 Gi1_3927234_x10.....uccggcgGguauaacggcuaga.....1
 Gi5_8447646_x10.....guucgauuccAgggcgccgg.....1
 Gi3_27204082_x10.....guucgauuccggcgcgUggagc.....1
 Gi5_8449706_x10.....ucucacccNacagauccg.....1
 Gi3_27210902_x10.....guucgauAcccgcgccggagc.....1
 Gi2_10407042_x10.....gguucgauuccUggcgccggag.....1
 Gi1_3927194_x10.....gguCcucacccaacagauccg.....1
 Gi3_27221662_x10.....gGucucacccaacagauccgggu.....1
 Gi2_10403602_x10.....gguucCcacccaacagauccg.....1
 Gi5_8448506_x10.....uccggcgaguauGacggcuagaau.....1
 Gi4_520909_x10.....gGucgauuccggcgccgg.....1
 Gi5_8452316_x10.....guucgauuNccggcgccggagc.....1
 Gi2_10403512_x10.....gguucgauuccggcgccgUagc.....1
 Gi3_27205302_x10.....uccggcgaguauaacggcuaCa.....1
 Gi3_27226722_x10.....guucgauuccggcAccggagc.....1
 Gi2_10409482_x10.....uccggcgaguauaacgAc.....1
 Gi1_3923174_x10.....guucgaAuuccggcgccgg.....1

Gi1_3926114_x10.....	Cccggcguaguauaacggcuag.....	1	
Gi2_10427752_x10.....	uccggAguaguauaacggcuaga.....		1
Gi3_27217682_x10.....	uggCucucacccaacagauccg.....		1
Gi3_27206282_x10.....	gguucgauucccgAcgccg.....		1
Gi1_3924034_x10.....	Ugcguaguauaacggcuag.....	1	
Gi1_3917614_x10.....	uccggcguaguauaaUggcuag.....	1	
Gi3_27191172_x10.....	guucucacccaGcagauccg.....		1
Gi1_3926564_x10.....	guucucacccaGcagauccg.....	1	
Gi3_27243812_x10.....	uccgUcguaguauaacggcuagaa.....		1
Gi3_27239182_x10.....	Gcgauucccgcccgag.....		1
Gi1_3922454_x10.....	uccgUcguaguauaacggcuag.....	1	
Gi3_27235662_x10.....	uccggcCuaguauaacggcuaga.....		1
Gi2_10403522_x10.....	gguucgCuuccggcgcc.....		1
Gi3_27197082_x10.....	guAcgauuccggcgccgag.....		1
Gi5_8448566_x10.....	uccggcguaguauCcgguaga.....	1	
Gi2_10412472_x10.....	gguucAauuccggcgcc.....		1
Gi1_3926694_x10.....	guucCcacccaacagauccg.....	1	
Gi5_8452586_x10.....	uggCucucacccaacagauccg.....	1	
Gi5_8431736_x10.....	uccggcguaguauaacggcuagCau.....	1	
Gi3_27240502_x10.....	Cuucgauuccggcgccg.....		1
Gi5_8444156_x10.....	Cuucucacccaacagauccg.....	1	
Gi2_10415822_x10.....	Auucucacccaacagauccg.....		1
Gi1_3928064_x10.....	uccggcguaguauaacgAcuaga.....	1	
Gi1_3920084_x10.....	Cgguucucacccaacagauccg.....	1	
Gi3_27198502_x10.....	ccggcguaguauaacggcuagaa.....		0
Gi3_27240962_x10.....	gguucucaccUaacagauccg.....		1
Gi2_10412842_x10.....	gguUucacccaacagauccg.....		1
Gi3_27217962_x10.....	uccggAguaguauaacggc.....		1
Gi3_27209962_x10.....	uccggcguagGauaacggcuaga.....		1
Gi3_27220262_x10.....	guucgauuccggcgccC.....		1
Gi2_10403692_x10.....	guucgauucccgAcgccg.....		1
Gi5_8433596_x10.....	uucucacccaGcagauccg.....	1	
Gi5_8434636_x10.....	ggAucgauuccggcgccg.....	1	
Gi3_27204492_x10.....	guucgauucccgAcgccga.....		1
Gi1_3916754_x10.....	gguucAauuccggcgccg.....	1	
Gi1_3927214_x10.....	uccggcguaguauCacggcuaga.....	1	
Gi5_8451806_x10.....	uccggcguauauaacggcuaga.....	1	
Gi5_8436516_x10.....	gguucucacAaacagauccgggu.....	1	
Gi5_8447406_x10.....	gguucgCuuccggcgccg.....	1	
Gi1_3917474_x10.....	uccggcguaguauCacggcuag.....	1	
Gi2_10417302_x10.....	gguucgauuccggcgGggagc.....		1
Gi2_10419012_x10.....	gCuucgauuccggcgcc.....		1
Gi4_520139_x10.....	gguucucacccaacagauccg.....		0
Gi3_27190712_x10.....	gguucgauucAcggcgccgga.....		1
Gi1_3917414_x10.....	ccggcguaguauaacggcuagaa.....		0
Gi3_27222292_x10.....	uccggcguaguauaaUggcuagaa.....		1
Gi2_10423752_x10.....	uccggcguaguGuaacgg.....		1

Gi1_3917484_x10.....uucucacccaacagauAcgg.....1
 Gi2_10411892_x10.....guucgGuucccgccg.....1
 Gi5_8435706_x10.....uccggcguaguCuaacggcuag.....1
 Gi5_8452576_x10.....gguucgauucccgAgccggagc.....1
 Gi1_3928104_x10.....cGcaccaacagauccgg.....1
 Gi5_8435356_x10.....gguCcgauucccgccg.....1
 Gi5_8473674_x9.....uccgAcguaguauaacggcuaga.....1
 Gi5_8454351_x9.....ggGucgauucccgccg.....1
 Gi2_10454124_x9.....uccggcguaguauaacggcuagaCu.....1
 Gi2_10447860_x9.....guucgauucAcggccg.....1
 Gi3_27258040_x9.....Cccggcguaguauaacggcuag.....1
 Gi2_10443045_x9.....guucgauucccgccgagA.....1
 Gi3_27264709_x9.....uccggcgAaguauaacggcuaga.....1
 Gi3_27302113_x9.....gguuAgauucccgccggag.....1
 Gi5_8467374_x9.....guucgauuccCcgccg.....1
 Gi2_10437555_x9.....guucgauucccgccCg.....1
 Gi3_27281638_x9.....Ggauucccgccggagc.....1
 Gi3_27283429_x9.....guucgauucccgAgccgga.....1
 Gi5_8462433_x9.....uccggcguaguauaacggcuC.....1
 Gi2_10434306_x9.....gguucgauucccgccggaUc.....1
 Gi5_8461515_x9.....guucUauucccgccgga.....1
 Gi5_8465457_x9.....uccggUguaguauaacggcuagaau.....1
 Gi2_10446852_x9.....gguucgauucccgUgccg.....1
 Gi3_27249112_x9.....guGcgauucccgccg.....1
 Gi5_8466249_x9.....uccggcgCaguauaacggc.....1
 Gi3_27297991_x9.....ggAucgauucccgccg.....1
 Gi5_8463774_x9.....gGuucccgccggagc.....1
 Gi1_3940336_x9.....uucucaccUaacagauccg.....1
 Gi1_3935098_x9.....uccggUguaguauaacggc.....1
 Gi5_8472180_x9.....gguucgauuccUggccg.....1
 G1a_5648809_x9.....accacaacagauccggguucgauucc.....0
 Gi2_10455438_x9.....uccggcgCaguauaacggcu.....1
 Gi1_3929473_x9.....uccggcguaguauCacggcu.....1
 Gi5_8454072_x9.....Ggauccggguucgauucc.....1
 Gi1_3936016_x9.....guuUgauucccgccgga.....1
 Gi2_10446348_x9.....uccggcguaAuauaacggcuaga.....1
 Gi5_8455422_x9.....Ggguucucacccaacagauccgg.....1
 Gi1_3940768_x9.....uccAgcguaguauaacgg.....1
 Gi5_8460930_x9.....guucgauucccgccUgga.....1
 Gi5_8458752_x9.....gguucgauucccgccAga.....1
 Gi5_8466123_x9.....guucgauucccgAgccg.....1
 Gi2_10440687_x9.....cggcguaguauaacggcuagaA.....1
 Gi2_10447644_x9.....gguucgCuucccgccg.....1
 Gi5_8470929_x9.....Accggcguaguauaacgg.....1
 Gi2_10461621_x9.....uccggcguagCauaacggc.....1
 Gi3_27270208_x9.....uccgAcguaguauaacgg.....1
 Gi3_27245107_x9.....ggGucgauucccgccg.....1

Gi1_3934828_x9.....guucucaUccaacagauccg..... 1
 Gi5_8463549_x9.....uccggcguaguauaaUggc..... 1
 Gi5_8458428_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8455944_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8469930_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3932884_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27263017_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10432020_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27296749_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10457940_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10457346_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10438842_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8470668_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8455935_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27260965_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10458642_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3929077_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1a_5644426_x9.....uccggcguaguauaaacggcuagU..... 0
 Gi5_8467230_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27285409_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8453289_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10448607_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi4_521253_x9.....uccggcguaguauaaacggcuagU..... 0
 Gi3_27288757_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10447014_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8458914_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3931039_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3937897_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3934774_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8453658_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3933055_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8473503_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10451217_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27257527_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27248194_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8476581_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27247375_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8459643_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3936475_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3932569_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8471865_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8465142_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi2_10434270_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi3_27245278_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi5_8459157_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1a_5644372_x9.....uccggcguaguauaaacggcuagU..... 1
 Gi1_3939337_x9.....uccggcguaguauaaacggcuagU..... 1

Gi5_8464548_x9.....guucucacccCacagauccgg..... 1
Gi1_3931120_x9.....ucgauucccgcgccggagcC..... 1
Gi3_27271405_x9.....guucgauuccCgcgccgg..... 1
Gi1_3932146_x9.....gguucgauucccgcgccggagcgA..... 1
Gi1_3931111_x9.....uucucacccaacagauUg..... 1
G1a_5650780_x9.....uGcggcguaguauaacggcuag..... 1
Gi2_10439625_x9.....ucUggcguaguauaacgg..... 1
Gi5_8468166_x9.....guucucacccaacagauAg..... 1
Gi3_27290737_x9.....gguucgauuccGggcgccgga..... 1
Gi1_3933244_x9.....uucucacccaacagauUgg..... 1
Gi5_8464125_x9.....Gucgauucccgcgccgg..... 1
Gi5_8473449_x9.....Ugcguaguauaacggcuaga..... 1
Gi3_27268903_x9.....gguGcgauucccgcgccggagc..... 1
Gi2_10450506_x9.....Cguucgauucccgcgccgga..... 1
Gi1_3933739_x9.....guucucacccaacCgauccgg..... 1
Gi5_8453325_x9.....cucaccUaacagauccgg..... 1
Gi2_10443882_x9.....gguucAauucccgcgccggag..... 1
Gi5_8461047_x9.....Uguucgauucccgcgccggagcgu..... 1
Gi5_8466564_x9.....uccggcguaguGuaacggcuagaa..... 1
Gi1_3941641_x9.....uucucacUcaacagauccg..... 1
Gi3_27303679_x9.....uucucacccaCcagauccgg..... 1
Gi3_27256195_x9.....gguucgauucccgcgccgUagc..... 1
Gi5_8453280_x9.....ugguucucNcccaacagauccg..... 1
Gi3_27257707_x9.....gguucucacccaaUagauccg..... 1
Gi5_8469489_x9.....guucgauAcccgcgccg..... 1
Gi3_27306514_x9.....guucucacccaGcagauccg..... 1
Gi5_8461218_x9.....ggGucgauucccgcgcc..... 1
Gi3_27273718_x9.....uucucacccGacagauccg..... 1
Gi5_8463207_x9.....Ggguucucacccaacagauccgggu..... 1
Gi5_8465079_x9.....uccggcguaguauCcggc..... 1
Gi5_8498585_x8.....gguucucacAcaacagauccg..... 1
Gi5_8492497_x8.....ucCcaccaacagauccg..... 1
Gi5_8501385_x8.....gguucgauuccAggcgccggagc..... 1
Gi1_3942421_x8.....gguucgauucccgcgccgg..... 1
Gi5_8479753_x8.....guucucacccaacUgauccg..... 1
Gi2_10474298_x8.....gguucgauucccgcgccggagG..... 1
Gi5_8488553_x8.....uccggcguaguauGacggcuaga..... 1
Gi2_10492594_x8.....guucgauCcccggcgccgga..... 1
Gi5_8488249_x8.....uccggcguagCuaaacggcua..... 1
Gi2_10489418_x8.....uccggcguaguauGcggcuagaa..... 1
Gi1_3943805_x8.....guucgUuucccgcgccgg..... 1
Gi1_3947309_x8.....guucgauucccgcgccggGgc..... 1
Gi3_27324385_x8.....Gucgauucccgcgccgg..... 1
Gi3_27317361_x8.....uccggcguaguCaacggcuagaa..... 1
Gi2_10466818_x8.....Cuucgauucccgcgccgga..... 1
Gi3_27317417_x8.....uccggcguaguCuaacggcuag..... 1
G1a_5671057_x8.....Aguucgauucccgcgccggagc..... 1

Gi2_10483818_x8.....uccggcguGguauaacggcuagaau..... 1
Gi2_10487410_x8.....gguucgauucUcgggcc..... 1
Gi2_10493754_x8.....guucgauuAccggcgccggagc..... 1
Gi5_8479161_x8.....cucGcccaacagauccgg..... 1
Gi5_8488329_x8.....uccggcguaguauaaUggcua..... 1
Gi5_8476985_x8.....gguucucaccaacagauAcg..... 1
Gi2_10480930_x8.....gguucgCuuccggcgccgga..... 1
Gi5_8490161_x8.....ggGucgauuccggcgccggag..... 1
Gi1_3952669_x8.....uccggcguNguauaacggcuaga..... 1
Gi2_10466082_x8.....gguucgauuccggcgUcg..... 1
Gi2_10482514_x8.....uccggcguaguauaacggcuC..... 1
Gi2_10467834_x8.....guucgauuccggcgCccggagc..... 1
Gi5_8500185_x8.....Cccggcguaguauaacggcuagaa..... 1
Gi5_8486489_x8.....gGucgauuccggcgccggag..... 1
Gi3_27348209_x8.....gguUgauuccggcgcc..... 1
Gi5_8494609_x8.....gguucgauuccggcgUc..... 1
Gi5_8487249_x8.....guucgauuccggcgccggG..... 1
G1a_5654737_x8.....gGucucaccaacagauccg..... 1
Gi1_3947997_x8.....uccggcguaguGuaacggcua..... 1
Gi1_3954701_x8.....uccggcguaguCuaacgg..... 1
Gi3_27353129_x8.....uccggcguaguauaacggcCagaa..... 1
Gi3_27354289_x8.....guucucaccaacGgauccg..... 1
Gi5_8479537_x8.....gguucgauuccggAgccgga..... 1
Gi1_3942557_x8.....uccggcguaguauaacggcCa..... 1
Gi2_10479218_x8.....gguucgauuccggcgAcgga..... 1
Gi2_10497954_x8.....uccggcguaguauGacggcuaga..... 1
Gi1_3943245_x8.....ucUggcguaguauaacggc..... 1
Gi3_27310729_x8.....gguucgauuccggcgccCag..... 1
Gi2_10480546_x8.....gguucgauuccgggUgccgga..... 1
Gi2_10474722_x8.....uccggcguUguauaacggc..... 1
Gi1_3952253_x8.....Cccggcguaguauaacggcuaga..... 1
Gi3_27361201_x8.....uucucaccaacagauAcg..... 1
Gi5_8477785_x8.....guCcgauuccggcgccgga..... 1
Gi1_3952509_x8.....uccggcguaguauaacggUuaga..... 1
Gi3_27358193_x8.....uccggcgCaguauaacggcuagaa..... 1
Gi2_10482586_x8.....guucgauuccggcgccUgagc..... 1
Gi3_27331577_x8.....gguucgCuuccggcgcc..... 1
Gi1_3957061_x8.....ugguucucaccaacagauAcgg..... 1
Gi1_3943317_x8.....uccggcguaguauaacggcuaA..... 1
Gi2_10498522_x8.....uccggcguNguauaacggcuagaa..... 1
Gi3_27350665_x8.....uccggcguUguauaacggcuagaau..... 1
Gi2_10494290_x8.....uccggcguaguauaacAgcua..... 1
Gi3_27359665_x8.....gguucgauuccGggcgccg..... 1
Gi5_8488537_x8.....uucucaccAaacagauccg..... 1
Gi2_10495498_x8.....uccggUguaguauaacggc..... 1
Gi2_10477890_x8.....gguUgauuccggcgccg..... 1
Gi1_3948949_x8.....uccggcguaguauaacAgcua..... 1

Gi2_10486098_x8.....gguucgaCuccggcgccgg.....1
 Gi3_27362081_x8.....guucgauuccggcgGgga.....1
 Gi2_10472362_x8.....gguucgauuccAgcgccgga.....1
 Gi2_10486738_x8.....gguucgauuccggcgGcgagc.....1
 Gi3_27359369_x8.....guucgauuccggcgccggaAc.....1
 Gi3_27318697_x8.....gguucucacccaacagauAcg.....1
 Gi1_3952357_x8.....gguucucacccaacagauAcg.....1
 Gi3_27363793_x8.....guucgauuccggcgGcgga.....1
 Gi2_10492602_x8.....ucucacccaacagauccg.....0
 Gi1_3943421_x8.....gguucgauuccggcgccggU.....1
 Gi5_8493593_x8.....gguucgauuccggcgUcgga.....1
 Gi5_8485265_x8.....uccggcguaguauGacggcuag.....1
 Gi2_10479466_x8.....guucgauuccCcgccggagc.....1
 Gi2_10483890_x8.....ggCucgauuccggcgccgga.....1
 Gi1_3944557_x8.....gguucucacccaacagGuccg.....1
 Gi2_10469098_x8.....gguucgauuccggcgccA.....1
 Gi2_10494178_x8.....gguucgauuccggcAccggag.....1
 Gi5_8483649_x8.....gcuaguauaacggcuaga.....0
 Gi3_27320833_x8.....cgauuccggcgccggCgc.....1
 Gi3_27324993_x8.....ggAucucacccaacagauccg.....1
 Gi5_8493065_x8.....gguucgauucUcggcgccggagc.....1
 Gi2_10472842_x8.....guucgauuNccggcgccgga.....1
 Gi1_3951533_x8.....uGcggcguaguauaacggc.....1
 Gi3_27346385_x8.....guucgauuccggcgccCgagc.....1
 Gi1_3945037_x8.....gguucgauuccggcgccggG.....1
 Gi3_27361169_x8.....uccggcUuaguauaacggcuaga.....1
 Gi2_10494842_x8.....ucgauuccggcgccggGgc.....1
 Gi2_10475530_x8.....uccggcguaguauaacggcuaAaau.....1
 Gi5_8477473_x8.....uccAgcguaguauaacggc.....1
 Gi2_10487194_x8.....Gucgauuccggcgccgg.....1
 Gi5_8486761_x8.....uccggcguaguCuaacggcuaga.....1
 Gi2_10487810_x8.....guCcgauuccggcgccggag.....1
 Gi3_27341601_x8.....uccggcguaguauGacggcuagaau.....1
 Gi3_27328017_x8.....guucgaGuuccggcgccgga.....1
 Gi5_8487297_x8.....guucgauuccAgggcgccg.....1
 Gi4_525296_x8.....gUuucgauuccggcgccggagc.....1
 Gi2_10481602_x8.....uccggcguaguauaacggcuagU.....1
 Gi5_8494881_x8.....uccggcguaguauaaAggcuag.....1
 Gi3_27332217_x8.....uucucacccaacagGuccgg.....1
 Gi5_8488777_x8.....uccggcguCguauaacgg.....1
 Gi3_27366841_x8.....uccgUcguaguauaacggcuagaau.....1
 Gi1_3943365_x8.....gguucgauuccggcgccggagU.....1
 Gi2_10495458_x8.....uccggUguaguauaacgg.....1
 Gi2_10471362_x8.....aacagauccggguucgauuccggcgccgg.....0
 Gi3_27342481_x8.....gguucgauuccAgggcgccg.....1
 Gi3_27335497_x8.....cgUuuccggcgccggagc.....1
 Gi2_10467634_x8.....guucgauuccgUcgccggagc.....1

Gi5_8486097_x8.....guuUgauucccgcgccggagc..... 1
Gi1_3950797_x8.....gAuucucacccaacagauccg..... 1
Gi3_27317057_x8.....gGucucacccaacagauccggg..... 1
Gi2_10464722_x8.....gguucgGuucccgcgccg..... 1
Gi1_3954469_x8.....guucucaccUaacagauccg..... 1
Gi1_3943637_x8.....uccggcguaguauaacggUuag..... 1
Gi5_8499257_x8.....gguucuUaccaacagauccg..... 1
Gi2_10469946_x8.....guucgUuucccgcgccg..... 1
Gi3_27369817_x8.....ucGggcguaguauaacggcua..... 1
Gi2_10488730_x8.....gguucgauucccggcAccgg..... 1
Gi5_8496129_x8.....ggCucgauucccgcgccgg..... 1
Gi3_27366081_x8.....uccgAcguaguauaacggcua..... 1
Gi2_10481186_x8.....gguucgauucUcggcgccggag..... 1
Gi2_10486802_x8.....ucgauucUcggcgccggagc..... 1
Gi1_3950469_x8.....uccggcguaguauaacggcuaAaau..... 1
Gi2_10472418_x8.....gguCcgauucccgcgccggag..... 1
Gi1_3946485_x8.....gguucucacccCacagauccg..... 1
Gi5_8497897_x8.....guucgGuucccgcgccggagc..... 1
Gi5_8481825_x8.....ggCucgauucccgcgccggag..... 1
Gi1_3949389_x8.....gguucucacccaGcagauccg..... 1
Gi1_3954109_x8.....gUcguaguauaacggcuag..... 1
Gi5_8498865_x8.....guucgUuucccgcgccg..... 1
Gi3_27347513_x8.....uccggcguaguauaaAgg..... 1
Gi1_3946141_x8.....gguCcgauucccgcgccgg..... 1
Gi5_8496041_x8.....gguucgauucccgcgAccga..... 1
Gi5_8482833_x8.....uccggcguaguCuaacgg..... 1
Gi5_8479385_x8.....uccggcguaguauCacggcuagaau..... 1
Gi4_526408_x8.....gguucgauucccgcgccgga..... 0
Gi2_10478338_x8.....gguucgauucccgAgcc..... 1
Gi1_3955573_x8.....uccggcguaguauaacggcuaAa..... 1
Gi3_27328089_x8.....guucgauucAcggcgccgg..... 1
Gi3_27360993_x8.....guucgauucccgcgccggUg..... 1
Gi5_8493825_x8.....ggGucgauucccgcgccgga..... 1
Gi2_10487602_x8.....guucgauuccAggcgccgg..... 1
Gi1_3943093_x8.....ucucGcccaacagauccg..... 1
Gi3_27337049_x8.....guucucaccUaacagauccg..... 1
Gi2_10495786_x8.....guucgauucAcggcgccggagc..... 1
Gi1_3947829_x8.....gguuUgauucccgcgccgg..... 1
Gi1_3955053_x8.....gguucgauucccgcgccggagcA..... 1
Gi3_27320697_x8.....guucgauucccgGgccgg..... 1
Gi3_27323897_x8.....ugguucucacccaacagGuccg..... 1
Gi2_10475850_x8.....gguucAauucccgcgccgga..... 1
Gi5_8476993_x8.....agaucgggNuucgauucc..... 1
Gi4_524184_x8.....guucucacccaacagauccg..... 0
Gi2_10497218_x8.....guucgauuccAgcgccgga..... 1
Gi2_10462786_x8.....ucUggcguaguauaacggcuag..... 1
Gi3_27356329_x8.....gauuccAgcgccggagc..... 1

Gi5_8482345_x8.....gAuucgauucccgcgcc..... 1
 Gi5_8483369_x8.....uccggcguaguauaaUggcuagaau..... 1
 Gi2_10488106_x8.....gguucucaccccGacagauccg..... 1
 Gi5_8493233_x8.....gCuucgauucccgcgccgg..... 1
 Gi3_27341417_x8.....uGcggcguaguauaacggcu..... 1
 Gi3_27364521_x8.....gguucgauucccgAgccggag..... 1
 Gi3_27330617_x8.....ugguucucGcccaacagauccg..... 1
 Gi5_8488025_x8.....ggAucgauucccgcgccgga..... 1
 Gi3_27374497_x8.....gAucgauucccgcgccggag..... 1
 Gi2_10476746_x8.....gguucgauNcccggcgccgg..... 1
 Gi5_8491289_x8.....uccggcguaguauCacggc..... 1
 Gi1_3949949_x8.....uccgAcguaguauaacgg..... 1
 Gi3_27409758_x7.....ucgGuucccgcgccggagc..... 1
 Gi5_8511635_x7.....guucucacNcaacagauccgg..... 1
 Gi2_10522161_x7.....gguCcgauucccgcgccg..... 1
 Gi5_8529464_x7.....Uguucgauucccgcgccggagcguuu..... 1
 Gi5_8527224_x7.....uccAgcguaguauaacggcuaga..... 1
 Gi2_10516162_x7.....Cguucgauucccgcgccgg..... 1
 Gi2_10537610_x7.....uUcggcguaguauaacggcuag..... 1
 Gi5_8506252_x7.....gguucgauucccgcgccgAagc..... 1
 Gi2_10527012_x7.....uccggcguaguauaaUggc..... 1
 Gi1_3961238_x7.....guCcucacccaacagauccgg..... 1
 Gi5_8530668_x7.....Ccucacccaacagauccg..... 1
 Gi3_27445290_x7.....guucgauucccgcgccCga..... 1
 Gi1_3967139_x7.....uucucacccaacagaAccg..... 1
 Gi2_10525598_x7.....gguucgauucccgcgccC..... 1
 Gi1_3967965_x7.....guucgauucccgcgccUg..... 1
 Gl1_5688204_x7.....gGucgauucccgcgccggagc..... 1
 Gi1_3973075_x7.....ccggcguaguauaacggcuagaau..... 0
 Gi5_8504649_x7.....ugguucucGcccaacagauccg..... 1
 Gi1_3962540_x7.....gguAcgauucccgcgccgg..... 1
 Gi3_27426285_x7.....guucgauuccUggcgccg..... 1
 Gi2_10499586_x7.....gguucgauucccgcgUcggag..... 1
 Gi2_10534873_x7.....guucCauucccgcgccg..... 1
 Gi2_10501994_x7.....guucgCuucccgcgccgg..... 1
 Gi3_27437044_x7.....uccggcguaguUuaacgg..... 1
 Gi3_27379581_x7.....gguucgauucccgcgUc..... 1
 Gi1_3963688_x7.....guuAgauucccgcgccgg..... 1
 Gi5_8528162_x7.....uccgUcguaguauaacggcuagaau..... 1
 Gi3_27425942_x7.....guucgauucccgcgccggagcgC..... 1
 Gi5_8530850_x7.....ugguucucaccUaacagauccg..... 1
 Gi1_3959887_x7.....uccggcguaguauaacggcuagC..... 1
 Gi5_8515569_x7.....guucgauucccgUgccgga..... 1
 Gi1_3968819_x7.....guGcucacccaacagauccg..... 1
 Gi3_27427447_x7.....ugguucucacAaacagauc..... 1
 Gi2_10529371_x7.....gguucgaCucccgcgccggag..... 1
 Gi3_27423527_x7.....cgauuccNgcggcgagc..... 1

Gi3_27431668_x7.....uucucaccAaacagauccg.....1
Gi3_27382640_x7.....guucgauucccggcUg.....1
Gi2_10535055_x7.....uAcucaccaacagauccgg.....1
Gi1_3971206_x7.....uAcucaccaacagauccgg.....1
Gi3_27416478_x7.....uccggcguaguauaacgAcuagaa.....1
Gi1_3973922_x7.....uuUgauucccggcgcgg.....1
Gi5_8529632_x7.....ggAucgauucccggcgcgg.....1
Gi2_10538863_x7.....uccggcguaguauaacggcuGgaa.....1
Gi5_8521813_x7.....gguucgauCcccggcgcgg.....1
Gi2_10525038_x7.....guucUauucccggcgcgg.....1
Gi2_10525304_x7.....gguucgauucccggcGcg.....1
Gi2_10503198_x7.....gguucucaccaacagauUg.....1
Gi5_8503200_x7.....guucgCuucccggcgcgg.....1
Gi1_3961980_x7.....gguuGgauucccggcgcgg.....1
Gi3_27446438_x7.....guucgauuAccgggcgcgg.....1
Gi1_3967720_x7.....uccggcguaguauaacggUua.....1
Gi5_8511859_x7.....gguucgauucccggcGcg.....1
Gi3_27411417_x7.....guucgauuAccgggcgcggagc.....1
Gi2_10520656_x7.....uucucaccaacCgauccg.....1
Gi3_27381044_x7.....guucgauucccggcGcgAggag.....1
Gi3_27447943_x7.....uucgauuNcggcgcggagc.....1
Gi1_3960720_x7.....uccggcguagCauaacggcua.....1
Gi3_27447873_x7.....gguucgauucccggcgcGca.....1
Gi5_8506868_x7.....gguucgCuucccggcgcggga.....1
Gi3_27411053_x7.....uccggcguAuaauaacggc.....1
Gi5_8521939_x7.....guucgauucccggcGcg.....1
Gi2_10514335_x7.....uccggcguNguauaacgg.....1
Gi3_27424451_x7.....cucaccaNcagauccgg.....1
Gi3_27407525_x7.....guucgauucccggcgcggCg.....1
Gi5_8508282_x7.....gguucgauucccgAcgccgga.....1
Gi3_27407336_x7.....uccggcguAUuaaacggcuaga.....1
Gi1_3967559_x7.....Accggcguaguauaacgg.....1
Gi3_27432732_x7.....uccggcguGguauaacggcuagaa.....1
Gi5_8514484_x7.....gguucgauucccggcAccg.....1
Gi4_526928_x7.....uccggcguaguauaacgg.....0
Gi1_3972557_x7.....uccggcguaguauaacAgc.....1
Gi5_8530052_x7.....uccggcguaguauaacggGuag.....1
Gi3_27393896_x7.....ugguCucaccaacagauccg.....1
Gi5_8503165_x7.....guucgauuAccgggcgcgg.....1
Gi2_10507881_x7.....guCcgauucccggcgcggga.....1
Gi5_8510725_x7.....ugguucucaccaacGgauccg.....1
Gi1_3968056_x7.....uucucaccaacCgauccgg.....1
Gi3_27436547_x7.....uccggcguAuaauaacggcua.....1
Gi2_10502547_x7.....uccggcguaguauaacggcuagCau.....1
Gi2_10508679_x7.....uccggcguNguauaacggcuag.....1
Gi1_3965249_x7.....uucucacccUacagauccgg.....1
Gi3_27393791_x7.....uccgCcgaguauaacggc.....1

Gi2_10514692_x7.....guuAgaaucccggcgccgg.....1
Gi2_10515833_x7.....gguucgauuccUggcgccg.....1
Gi1_3957976_x7.....Cuucgauucccgcgccgga.....1
Gi4_528594_x7.....uccggcguaguauaacggcuGga.....1
Gi3_27449252_x7.....guucgauucccgcgccggaCc.....1
Gi2_10509813_x7.....guuUgaaucccggcgccgga.....1
Gi1_3959257_x7.....uGguucucacccaacagauccg.....1
Gi5_8523892_x7.....guucgauucccgcgccAgagc.....1
Gi5_8505391_x7.....cUgcguaguauaacggcuag.....1
Gi5_8515625_x7.....gguucucacccaacCgauccg.....1
Gi2_10537638_x7.....uccgAcguaguauaacggc.....1
Gi5_8524718_x7.....Cccggcguaguauaacggcuagaau.....1
Gi3_27420545_x7.....gguucgauGcccggcgccggagc.....1
Gi2_10501630_x7.....guucgauucccgUgcccggag.....1
Gi5_8505811_x7.....guucgauucccgAcgccc.....1
Gi3_27451051_x7.....gguCcgauucccgcgccc.....1
Gi5_8525586_x7.....guucAcacccaacagauccg.....1
Gi1_3970065_x7.....Gccggcguaguauaacggcuagaa.....1
Gi2_10536210_x7.....gguucgauucccgUgcccgg.....1
Gi5_8507155_x7.....Gcgauucccgcgccggagc.....1
Gi1_3972865_x7.....ugguucucacccaCcagauccg.....1
Gi1_3968938_x7.....uccggcguaguauaacggcCaga.....1
Gi5_8526216_x7.....cucacUcaacagauccgg.....1
Gi5_8503221_x7.....uccggcguCguauaacggcuaga.....1
Gi1_3973369_x7.....gguucgauucccgcgccggCgc.....1
Gi1_3958641_x7.....gguucgauucccggcAccggagc.....1
Gi5_8512076_x7.....gguuGucacccaacagauccg.....1
Gi2_10512956_x7.....uccggcguaguauaacggcuA.....1
Gi3_27402597_x7.....uucucacccaacagauccgC.....1
Gi5_8516486_x7.....guucgauucccgcgccggC.....1
Gi5_8507519_x7.....uccggcguaguauGcggcuagaa.....1
Gi5_8516255_x7.....uccggcguaguauCcggcua.....1
Gi3_27445787_x7.....gguucgauucccgcgccUg.....1
Gi5_8519342_x7.....ugguucucacccaCcagauccg.....1
Gi5_8521162_x7.....gguucgauucccgcgccggUgc.....1
Gi3_27405733_x7.....guucgaGucccggcgccgg.....1
Gi5_8519272_x7.....gguCcgauucccgcgccgg.....1
Gi3_27394498_x7.....gguucgauucccgAgccgg.....1
Gi2_10530001_x7.....uccggcguaguauCcggcua.....1
Gi3_27386826_x7.....guucucacccaacagauUg.....1
Gi1_3958452_x7.....uucucacccaacagauAgg.....1
Gi3_27385167_x7.....guucucacccaacagaCccg.....1
Gi1_3960223_x7.....ugguucucacccaacGgauccg.....1
Gi3_27398712_x7.....uucucacccaacGgauccgg.....1
Gi3_27411676_x7.....uccggcguaguauGacggcuA.....1
Gi3_27381107_x7.....gguucgauucccgcgUcgg.....1
Gi5_8528449_x7.....gguucgauuccAgcggc.....1

Gi3_27414959_x7.....gguucgCuucccgcgccg..... 1
Gi2_10513705_x7.....Accggcguaguauaacggcuaga..... 1
Gi3_27418193_x7.....Nguucgauucccgcgccggagc..... 1
Gi1_3963856_x7.....ugguucucacAcaacagauccgg..... 1
Gi1_3960671_x7.....guucCauucccgcgccgg..... 1
Gi3_27416835_x7.....uccggAguaguauaacggcuagaa..... 1
Gi5_8516479_x7.....guucucacccaacagGuccgg..... 1
Gi2_10525864_x7.....uccggcgCaguauaacggc..... 1
Gi3_27382605_x7.....uucgauucccgcgccAgagc..... 1
Gi2_10504444_x7.....uccgUcguaguauaacgg..... 1
Gi2_10517387_x7.....ggGucgauucccgcgccg..... 1
Gi1_3973243_x7.....uucucacccaacagauccAg..... 1
Gi2_10508567_x7.....Ugcguaguauaacggcuaga..... 1
Gi3_27390683_x7.....Cuucucacccaacagauccg..... 1
Gi3_27446081_x7.....gguucgauuccAggcgcc..... 1
Gi2_10499642_x7.....Gucgauucccgcgccggagc..... 1
Gi5_8505384_x7.....gUcguaguauaacggcuaga..... 1
Gi2_10503373_x7.....ucgaCuucccgcgccggagc..... 1
Gi3_27453277_x7.....gguucgauucUcggcgccgg..... 1
Gi2_10537645_x7.....uucucaccNaacagauccg..... 1
G1a_5682051_x7.....uccggcguGguauaacggcua..... 1
Gi2_10520985_x7.....gCuucucacccaacagauccg..... 1
Gi3_27407007_x7.....ucUggcguaguauaacggcu..... 1
Gi1_3969239_x7.....gguucucacccaacagauccAg..... 1
Gi1_3968728_x7.....uccggcgCaguauaacggcua..... 1
Gi3_27427111_x7.....guucgauucccgcgccGggagc..... 1
Gi3_27448104_x7.....ucgaCuucccgcgccggagc..... 1
Gi5_8512531_x7.....uGcucacccaacagauccggguuc..... 1
Gi2_10517688_x7.....gguucgauCcccggcgccggag..... 1
Gi2_10505571_x7.....uccggcguNguauaacggcuagaau..... 1
Gi5_8511789_x7.....guuUucacccaacagauccg..... 1
Gi1_3958823_x7.....uucucacccaacagaCccg..... 1
Gi3_27386308_x7.....gguucgauucccggcUccggagc..... 1
Gi3_27451499_x7.....guucgauucccgUgccc..... 1
Gi5_8511397_x7.....gguuUucacccaacagauccg..... 1
Gi5_8512132_x7.....guuAgauucccgcgccgg..... 1
Gi3_27423296_x7.....guuUgauucccgcgccg..... 1
Gi3_27431339_x7.....uGgguucucacccaacagaucc..... 1
Gi3_27447810_x7.....gguucgauucUcggcgccg..... 1
Gi2_10529735_x7.....guucUauucccgcgccggag..... 1
Gi1_3972046_x7.....uucucacccaGcagauccgg..... 1
Gi3_27448888_x7.....gguucgauucccgcgccggagG..... 1
Gi3_27432172_x7.....uucucacccaacagauccUg..... 1
Gi5_8516521_x7.....uccggcguaguCuaacggc..... 1
Gi2_10509617_x7.....guucgauuccUggcgccgga..... 1
G1a_5701007_x7.....gguucgauucccgUgcc..... 1
Gi3_27422820_x7.....uccggcguaguauUacggcua..... 1

Gi3_27442532_x7.....gguucgauucAcggcgccg..... 1
Gi5_8507673_x7.....guucAauucccgcgccggagc..... 1
Gi2_10524779_x7.....gguucgauucccgUgccggag..... 1
Gi5_8514904_x7.....Auucgauucccgcgccggagc..... 1
Gi3_27436477_x7.....uccggcguaguaCaacggcuagaau..... 1
Gi3_27434055_x7.....gguucgauucccgcgccggagc..... 0
Gi3_27423996_x7.....guucucaccccCacagauccgg..... 1
Gi5_8512580_x7.....gguucgGuucccgcgccggag..... 1
Gi5_8530185_x7.....Uguucgauucccgcgccggagcguu..... 1
Gi5_8518824_x7.....uccggcguaguCuaacggcuagaau..... 1
Gi3_27435749_x7.....uucuUacccaacagauccg..... 1
Gi2_10522343_x7.....uGcgauucccgcgccggagc..... 1
Gi3_27408729_x7.....ugguucCacccaacagauccg..... 1
Gi3_27386875_x7.....guucgauucccgcgccggaA..... 1
Gi3_27407679_x7.....gguucgauucccgcgccGggag..... 1
Gi3_27395842_x7.....ucNggcguaguauaacggcuaga..... 1
Gi3_27444058_x7.....gguAcucacccaacagauccg..... 1
Gi2_10512207_x7.....guucgauucccgcgccCgagc..... 1
Gi3_27456651_x7.....uccAgcguaguauaacggcuagaau..... 1
Gi5_8527161_x7.....Ugguucgauucccgcgccggagc..... 1
Gi5_8507288_x7.....guucucacccaacagauAcg..... 1
Gi1_3967475_x7.....ggCucgauucccgcgccgga..... 1
Gi2_10534418_x7.....uccggcguaguaCaacggcua..... 1
Gi2_10523505_x7.....uGcgauucccgcgccgg..... 1
Gi3_27441874_x7.....guucAauucccgcgccg..... 1
Gi3_27396451_x7.....guucgCuucccgcgccg..... 1
Gi2_10508350_x7.....gguucgauuccUgcgccggag..... 1
Gi3_27425508_x7.....guCcgauucccgcgccg..... 1
Gi5_8523577_x7.....guucgauucccgcgccUg..... 1
Gi1_3967076_x7.....gguucgauucccgcgccggGgc..... 1
Gi2_10515805_x7.....uccggcguaguauaacggcuaUa..... 1
Gi3_27444233_x7.....guucgauucAcggcgccgga..... 1
Gi5_8527399_x7.....uccggcguaguauaacggcCagaa..... 1
G1a_5682142_x7.....gguucgauNcccgcgccggagc..... 1
Gi1_3962561_x7.....ggAucgauucccgcgccgg..... 1
Gi5_8518145_x7.....uccggcAuaguauaacggcuaga..... 1
Gi2_10535097_x7.....uccggcguaguauaacggcCagaau..... 1
Gi5_8504460_x7.....gguuUgauucccgcgccg..... 1
Gi3_27416485_x7.....gguucgauucccgAgcc..... 1
Gi1_3970982_x7.....Auucucacccaacagauccgg..... 1
G1a_5687742_x7.....Gcucacccaacagauccg..... 1
Gi3_27419789_x7.....uccCgcguaguauaacggcuaga..... 1
Gi5_8521729_x7.....gCuucgauucccgcgccggag..... 1
Gi3_27405824_x7.....gguucgauucccgcgccGcgga..... 1
Gi3_27422295_x7.....uccggcguauauaacgg..... 1
Gi3_27435574_x7.....uccggcguagCauaacggcuag..... 1
Gi3_27412663_x7.....uccggcguagAauaacgg..... 1

Gi1_3961497_x7.....gUuucgauucccgcgcc..... 1
 Gi2_10516757_x7.....gguucucacccaacagCuccg..... 1
 Gi5_8526174_x7.....gguucucUcccaacagauccg..... 1
 Gi5_8504495_x7.....uccggcguaguauaCcgg..... 1
 Gi1_3962106_x7.....guucucGcccaacagauccg..... 1
 Gi3_27518572_x6.....gguucgauuAccggcgccgga..... 1
 G1a_5726860_x6.....ucUggcguaguauaacggcuaga..... 1
 Gi3_27532678_x6.....uucucacccaacagauUgg..... 1
 Gi3_27527164_x6.....gguucgauucccgAcgccg..... 1
 Gi1_3992857_x6.....ugguuUucacccaacagauccg..... 1
 Gi2_10563647_x6.....gguuUgauucccgcgccggag..... 1
 Gi5_8556733_x6.....gguucgauuccUggcgccgga..... 1
 Gi5_8535937_x6.....uccggcguaguauaaGggcuaga..... 1
 Gi5_8557789_x6.....gguucucacccaacagauccA..... 1
 Gi2_10569353_x6.....cUcaacagauccggguuc..... 1
 Gi5_8537029_x6.....uccggcguaguauaacggcuUg..... 1
 Gi1_3980473_x6.....uccggcguaguGuaacggcu..... 1
 Gi2_10542875_x6.....guucgauucccgcgUgga..... 1
 Gi3_27465052_x6.....guucgauucccgcgccggU..... 1
 Gi3_27524956_x6.....gAuucucacccaacagauccg..... 1
 Gi2_10578299_x6.....cUauucccgcgccggagcguuuc..... 1
 Gi2_10574453_x6.....gguCcgauucccgcgccgg..... 1
 Gi3_27494680_x6.....uucucacAcaacagauccg..... 1
 Gi3_27536362_x6.....guucgauucccgcgccUg..... 1
 Gi3_27525220_x6.....uucgauucccgcgccggC..... 1
 Gi5_8531353_x6.....gguucgauucAcggcgccggagc..... 1
 Gi5_8554213_x6.....uccggcguaguauUacggcuag..... 1
 Gi2_10569701_x6.....gguucgauucccggcAccg..... 1
 Gi1_3989989_x6.....ugguucucacccaacagauccAg..... 1
 Gi2_10568933_x6.....gguucgauucccgGgcc..... 1
 Gi2_10585175_x6.....gguucgauucccgcgU..... 1
 Gi5_8545813_x6.....Ucggcguaguauaacggcuaga..... 1
 Gi3_27465964_x6.....ccggcguaguauaCcggc..... 1
 Gi1_3975613_x6.....ugguucucacccaacagauUgg..... 1
 Gi2_10547255_x6.....Gguccggcguaguauaacgg..... 1
 Gi5_8533807_x6.....gguucgauucccgcgccgAa..... 1
 Gi1_3990703_x6.....gguucucacUcaacagauccg..... 1
 Gi5_8534227_x6.....uccggcguaguauaaAgggcuaga..... 1
 Gi1_3987037_x6.....gguucucacccaacagauccgU..... 1
 Gi5_8554093_x6.....uUguucucacccaacagauccgg..... 1
 G1a_5730928_x6.....guucucacccCacagauccg..... 1
 Gi3_27538150_x6.....uccAgcguaguauaacggcuagaa..... 1
 Gi3_27489004_x6.....ugguucucNcccaacagau..... 1
 Gi2_10553141_x6.....uccggcAuaguauaacggcuaga..... 1
 Gi3_27515602_x6.....Gcucacccaacagauccg..... 1
 Gi3_27488302_x6.....ucgauucccgcgccggCgc..... 1
 Gi3_27521374_x6.....guucgauucccggcCccgga..... 1

Gi3_27478312_x6.....uAcucacccaacagauccg..... 1
Gi3_27491776_x6.....uccggGguaguauaacgg..... 1
Gi5_8536669_x6.....uccggcguauuuacggcua..... 1
Gi3_27475666_x6.....ugguucucGcccaacagauc..... 1
Gi3_27519514_x6.....uugguCuacacccaacagaucc..... 1
Gi2_10567661_x6.....guucgauCcccggcgccg..... 1
Gi1_3980905_x6.....guucucacccaacagauUg..... 1
Gi1_3987019_x6.....guucucacccaacCgauccg..... 1
Gi1_3978553_x6.....ggAucucacccaacagauccg..... 1
Gi3_27462982_x6.....ccggcguaguauaacggcua..... 0
Gi3_27531694_x6.....guuGgauucccggcgccggagc..... 1
Gi5_8543503_x6.....gguucgauAcccggcgccggagc..... 1
Gi2_10561487_x6.....guucUauucccggcgccgga..... 1
Gi5_8550685_x6.....ucUggguucgauucccggc..... 1
Gi1_3985681_x6.....guNcgauucccggcgccgg..... 1
Gi5_8560399_x6.....ugguucCcacccaacagauccg..... 1
Gi2_10554221_x6.....uccggcguaguauaGcggcuag..... 1
Gi3_27468004_x6.....gguucucacccaacagauccUggu..... 1
Gi2_10586483_x6.....guucCcacccaacagauccg..... 1
Gi3_27509182_x6.....uccggcguaguUuaacggcua..... 1
Gi5_8544871_x6.....Auucucacccaacagauccgg..... 1
Gi3_27477280_x6.....Ugguucgauucccggcgccg..... 1
Gi1_3990013_x6.....uccggcguaguauaacggcuagaC..... 1
Gi3_27490564_x6.....gguucucacccaacCgauccg..... 1
Gi5_8560213_x6.....gUuucgauucccggcgccggagcguuu..... 1
Gi5_8562331_x6.....guucgauucccCgcgccg..... 1
Gi5_8547775_x6.....guucgauAcccggcgccgg..... 1
Gi3_27498148_x6.....Cucucacccaacagauccgg..... 1
Gi3_27544918_x6.....uccggcAuaguauaacggc..... 1
Gi1_3982381_x6.....guucgauuccUggcgccg..... 1
Gi5_8562469_x6.....guucucacccaacagauUcg..... 1
Gi5_8531137_x6.....gguucgGuucccggcgccgga..... 1
G1a_5702458_x6.....Cguucgauucccggcgccggag..... 1
Gi3_27531646_x6.....guucucacccaacagauAcg..... 1
Gi1_3987505_x6.....Gcggcguaguauaacggcuaga..... 1
Gi5_8562907_x6.....uccUgcguaguauaacggcuag..... 1
Gi5_8531065_x6.....Uuaguauaacggcuagaau..... 1
Gi5_8531617_x6.....gguucucacccaUcagauccg..... 1
Gi2_10575779_x6.....gAucgauucccggcgccgga..... 1
Gi3_27472150_x6.....guucgauucccgUcgccggagc..... 1
Gi3_27518824_x6.....uccggcgCaguauaacggcuag..... 1
Gi1_3992587_x6.....guAcgauucccggcgccgga..... 1
Gi5_8534767_x6.....guucgUuucccggcgccgg..... 1
Gi2_10566929_x6.....guucucacccaacGgauccg..... 1
Gi5_8556055_x6.....uccggcAuaguauaacggcuag..... 1
Gi5_8558725_x6.....gguucgauucccUgcgccgg..... 1
Gi5_8539447_x6.....guucucaUccaacagauccg..... 1

Gi3_27459700_x6.....uccggcguagCauaacggcuagaau..... 1
 Gi1_3986503_x6.....Aguucgauucccggcgcg..... 1
 Gi5_8551669_x6.....ugguucucacccaacagaucUg..... 1
 Gi5_8541073_x6.....guucgauucccgUcgcg..... 1
 Gi5_8543557_x6.....cuUaccaacagauccg..... 1
 Gi5_8553223_x6.....ucAggcguaguauaacggcuag..... 1
 Gi5_8536891_x6.....gguucAauucccggcgcg..... 1
 Gi3_27481582_x6.....Gguccggcguaguauaacggcuagaa..... 1
 Gi3_27487786_x6.....gguucUauucccggcgcgga..... 1
 Gi2_10574429_x6.....Ccgauucccggcgcgagc..... 1
 Gi3_27459346_x6.....gguucgauuccGggcgcgag..... 1
 Gi5_8562223_x6.....guucgaGucccggcgcg..... 1
 Gi5_8550865_x6.....guucgaGucccggcgcg..... 1
 Gi5_8531629_x6.....guucucacccUacagauccg..... 1
 Gi3_27509992_x6.....guucgauuccAggcgcgagc..... 1
 Gi2_10562117_x6.....gguucgauuccAggcgcg..... 1
 Gi5_8549311_x6.....gguuAgauucccggcgcgagc..... 1
 Gi2_10551425_x6.....cgauucccggcgcgagc..... 0
 Gi2_10545575_x6.....gguucucacccCacagauccg..... 1
 Gi2_10578713_x6.....Gagauccggguucgauucc..... 1
 Gi2_10544189_x6.....gguuGgauucccggcgcg..... 1
 Gi3_27542590_x6.....ucgauucccggcgcgGgc..... 1
 Gi5_8542441_x6.....uccgAcguaguauaacggcuag..... 1
 Gi2_10580399_x6.....guucgauucccggcgcAg..... 1
 Gi3_27534442_x6.....uccggcguaguCuaacgg..... 1
 Gi5_8547289_x6.....gguucgauucccgAgccg..... 1
 Gi3_27521662_x6.....gguucgGuucccggcgc..... 1
 Gi5_8536429_x6.....guCcucacccaacagauccg..... 1
 Gi5_8538079_x6.....Cucucacccaacagauccg..... 1
 Gi3_27507706_x6.....guAcgauucccggcgcg..... 1
 Gi2_10587971_x6.....gguucgauucAcggcgcgag..... 1
 Gl1_5705266_x6.....uccggcguaguauCacggcuaga..... 1
 Gi5_8537881_x6.....uccggcguaguauaacgAcuagaau..... 1
 Gi2_10548773_x6.....uucucacccaacagaCccg..... 1
 Gi1_3980479_x6.....guucgauucccggcgcA..... 1
 Gl1_5726536_x6.....uccggcguaguauaacggcuagG..... 1
 Gi5_8542951_x6.....cucacccaacagaCccg..... 1
 Gi3_27464092_x6.....guucgauucccggcgcAg..... 1
 Gi1_3993703_x6.....uccggcguaguauaacggcuagaGu..... 1
 Gi1_3976639_x6.....uccggcguGguauaacggcu..... 1
 Gi3_27548074_x6.....cgauucccggcgcAgagc..... 1
 Gi5_8533591_x6.....uccggcguaguauaacggcuGgaa..... 1
 Gi2_10543823_x6.....Cccggcguaguauaacggcu..... 1
 Gi2_10551671_x6.....uccgUcguaguauaacggcuagaa..... 1
 Gi1_3989257_x6.....uccggcguaguauaacAgcuagaau..... 1
 Gi2_10588049_x6.....guucucacAcaacagauccg..... 1
 Gi1_3993187_x6.....gCucgauucccggcgcg..... 1

Gi3_27478264_x6.....guucUauucccggcgccg..... 1
Gi3_27484126_x6.....Ugcguaguauaacggcua..... 1
Gi1_3991123_x6.....uccggcguaguauaUcgg..... 1
Gi1_3986179_x6.....uccggUguaguauaacggcuagaau..... 1
Gi2_10558439_x6.....cgauucccggcgccggagcguuG..... 1
Gi5_8532547_x6.....gguuUgauucccggcgccggagcguu..... 1
Gi2_10547435_x6.....uccggcguaguauaacggU..... 1
Gi1_3990067_x6.....uccggcguaguauaacggcuagGau..... 1
Gi5_8544061_x6.....uccggcguaguaCaacggcuagaau..... 1
Gi2_10583597_x6.....gguCcgauucccggcgccgga..... 1
Gi5_8556079_x6.....gguucucacccaacagauUcg..... 1
Gi3_27501868_x6.....gguucgauucccgGgccggag..... 1
Gi3_27535378_x6.....gguuGgauucccggcgccgg..... 1
Gi5_8545987_x6.....gguAcgauucccggcgccggagc..... 1
Gi1_3991867_x6.....guucgauucccgUgccgga..... 1
Gi5_8544787_x6.....guucucacccaacagCuccg..... 1
Gi3_27509242_x6.....aacagauccggguucgauucccggcgccggagc..... 0
Gi1_3980713_x6.....Gcaccacacagauccgggu..... 1
Gi3_27470788_x6.....gguucgaGucccgggcgccggagc..... 1
Gi2_10546109_x6.....gguucgauucccggcgccUgagc..... 1
Gi1_3978493_x6.....ugguucucacccaacagCuccgg..... 1
Gi1_3984469_x6.....gguuUgauucccggcgccggagc..... 1
Gi1_3976795_x6.....guucucacccaacagauccA..... 1
Gi1_3977671_x6.....guucucacccaacagauAcgg..... 1
Gi5_8555773_x6.....gguucgauucccggcAccggag..... 1
Gi1_3978925_x6.....uGucacccaacagauccgg..... 1
Gi3_27520444_x6.....gaCucccggcgccggagc..... 1
Gi2_10590599_x6.....gguucgauuccUgcgccg..... 1
Gi5_8548675_x6.....guucgauucccgGgccg..... 1
Gi1_3989029_x6.....ugguucuaUccaacagauccgg..... 1
Gi3_27541582_x6.....uucgauucNcgggcgccgga..... 1
Gi2_10578197_x6.....uccggcguaguaCaacgg..... 1
Gi2_10566755_x6.....guucgauuccUgcgccggagc..... 1
Gi3_27517384_x6.....uccgAcguaguauaacggc..... 1
Gi2_10580909_x6.....uccggcguaguauaUcggcuagaau..... 1
Gi3_27493318_x6.....guucucacccaacagauAg..... 1
Gi2_10565009_x6.....gguucgauuccUgcgccgga..... 1
Gi1_5723356_x6.....uccggcguagCauaacggcuaga..... 1
Gi5_8548669_x6.....gguuUgauucccggcgccgga..... 1
Gi2_10570739_x6.....Accggcguaguauaacggc..... 1
Gi1_3975235_x6.....guucgauucccggcgccggCgc..... 1
Gi3_27510196_x6.....gguucgauuccAgcgc..... 1
Gi2_10541777_x6.....gguucucGcccaacagauccg..... 1
Gi5_8542753_x6.....uccggcguUguauaacggcuaga..... 1
Gi1_3988279_x6.....Gucgauucccggcgccggagc..... 1
Gi1_3992917_x6.....ucgauuAccgggcgccggagc..... 1
Gi3_27511738_x6.....guucgauucccggcAccg..... 1

Gi1_3976723_x6.....guucCcacccaacagauccgg..... 1
 Gi3_27509530_x6.....acagauccggguucgauuccggcgccggagcC..... 1
 Gi5_8544295_x6.....ccUaacagauccggguuc..... 1
 Gi1_3977395_x6.....guucucacccaacagauAcg..... 1
 Gi3_27511798_x6.....guucgauucccgcgUcggag..... 1
 Gi3_27491716_x6.....uucucacccaacagauccgA..... 1
 Gi2_10551461_x6.....gguucucacccaacGgauccg..... 1
 Gi2_10566947_x6.....uccggcguaguauaacggcuagaC..... 1
 Gi5_8538685_x6.....uccAgcguaguauaacggcuagaau..... 1
 Gi1_3993481_x6.....guucgauucccgcgUcg..... 1
 Gi1_3979981_x6.....gguucucaccccUacagauccg..... 1
 Gi5_8552635_x6.....uccggUguaguauaacggcuagaa..... 1
 Gi2_10581317_x6.....Cccggcguaguauaacggcuagaau..... 1
 Gi1_3988993_x6.....gguucgauucccgcgccCg..... 1
 Gi3_27482182_x6.....gguucgauucccgcgccgU..... 1
 Gi1_3991351_x6.....gauucccgcgccggagc..... 0
 Gi2_10548545_x6.....guucgauuccAggcgcccggagc..... 1
 Gi2_10570907_x6.....uccgUcguaguauaacggcuag..... 1
 Gi3_27469624_x6.....Gagauccggguucgauucc..... 1
 Gi5_8542771_x6.....guAcucacccaacagauccg..... 1
 Gi1_3992161_x6.....guucgauucccggcAccgga..... 1
 Gi5_8555047_x6.....uccggcguaguauaacUgcua..... 1
 Gi2_10586393_x6.....uucucaccccGacagauccg..... 1
 Gi5_8542105_x6.....guucucacccaCcagauccgg..... 1
 Gi5_8533621_x6.....guucgauCcccggcgccgga..... 1
 Gi3_27484798_x6.....uCcgauucccgcgccgga..... 1
 Gi3_27495448_x6.....cCcacccaacagauccgg..... 1
 Gi2_10569563_x6.....guucgauucccgcgccggC..... 1
 Gi3_27541906_x6.....uAcggcguaguauaacgg..... 1
 Gi5_8532871_x6.....gguucgauucccgcgcAg..... 1
 Gi1_3985861_x6.....guCcgauucccgcgccggagc..... 1
 Gi1_3986059_x6.....guucgauucccgcgccgU..... 1
 Gi2_10580027_x6.....Gcgauucccgcgccggag..... 1
 Gi1_3980131_x6.....guucucaccccGacagauccg..... 1
 Gi2_10576511_x6.....gCuucgauucccgcgccgga..... 1
 Gi3_27533494_x6.....uccggcgGaguauaacggcua..... 1
 Gi1a_5719582_x6.....Uuucgauucccgcgccg..... 1
 Gi3_27527308_x6.....uccggcguaAuauaacggcuagaau..... 1
 Gi5_8544565_x6.....uccggcguaguauaacggcAag..... 1
 Gi5_8535979_x6.....uAguucucacccaacagauccg..... 1
 Gi2_10567193_x6.....gguucgauucccgcgAcggag..... 1
 Gi3_27547384_x6.....uucAcacccaacagauccgg..... 1
 Gi2_10549547_x6.....gguucgauucccgcgccggaA..... 1
 Gi3_27520810_x6.....uccggcguaguauaacggcAaga..... 1
 Gi2_10558097_x6.....gguucgauucccgcgUggag..... 1
 Gi2_10549907_x6.....guucgauucccgAcgccgga..... 1
 Gi2_10574765_x6.....gguucgauucccgcgcA..... 1

Gi1_3990205_x6.....Aguucgauucccgcgccggag..... 1
 Gi1_3990955_x6.....uccggcguaguaCaacggcuaga..... 1
 Gi3_27515596_x6.....gauucccgGgccggagc..... 1
 Gi5_8551537_x6.....gguucgauuccAgcgccgg..... 1
 Gi1_3980503_x6.....gguucgauCcccgcgccggagc..... 1
 Gi5_8561119_x6.....Ugcguaguaaacggcuagaau..... 1
 Gi5_8533417_x6.....uucucacAaacagauccg..... 1
 Gi5_8558587_x6.....cucaccaCcagauccgg..... 1
 Gi5_8548093_x6.....guucgauucccgGcAccgga..... 1
 Gi5_8545291_x6.....Uucaccaacagauccgg..... 1
 Gi1_3984025_x6.....guucgauNccggcgccgga..... 1
 Gi5_8563153_x6.....ugguucucacccGacagauccg..... 1
 Gi1_3975787_x6.....uccgAcguaguaaacggcua..... 1
 Gl1_5716528_x6.....Gccggcguaguaaacgg..... 1
 Gi3_27525706_x6.....guucgauuccUgcgccc..... 1
 Gi5_8532835_x6.....uccggcguCguaaaacggcuag..... 1
 Gi5_8546413_x6.....guucucaccAaacagauccg..... 1
 Gi1_3985957_x6.....Agguucucaccaacagauccgg..... 1
 Gi1_3978103_x6.....CguucgauucccgGcgccggagc..... 1
 Gi5_8548897_x6.....uccggcguaguGuaacgg..... 1
 Gi3_27501688_x6.....uGgauucccgGcgccgga..... 1
 Gi4_530649_x6.....UuucgauucccgGcgccgga..... 1
 Gi2_10564247_x6.....guCucaccaacagauccg..... 1
 Gi5_8549155_x6.....ucucGcccaacagauccg..... 1
 Gi3_27476716_x6.....uccggcguaguaaacggUuagaau..... 1
 Gi5_8561839_x6.....gCuucgauucccgGcgccgga..... 1
 Gi1_3975169_x6.....CuucgauucccgGcgccg..... 1
 Gi2_10589573_x6.....guucgauucccgUcgccgg..... 1
 Gi1_3981253_x6.....guGgauucccgGcgccgg..... 1
 Gi3_27511150_x6.....gguGgauucccgGcgccg..... 1
 Gi5_8555503_x6.....guucgauuccAgcgccggagc..... 1
 Gi2_10588361_x6.....uccggcguaguaCacggcuagaau..... 1
 Gi2_10545881_x6.....guucgauucccgGcgUcg..... 1
 Gi5_8560951_x6.....uucucaccaacagauAcg..... 1
 Gi2_10574855_x6.....uccggcguaguaaaaAgggcuaga..... 1
 Gi3_27463690_x6.....gguucgaAuuccggcgccgga..... 1
 Gi1_3983947_x6.....gguucucaccaacagauUg..... 1
 Gi5_8550985_x6.....gguucgauucccgGcgUgg..... 1
 Gi2_10576583_x6.....ggAucgauucccgGcgccggag..... 1
 Gi3_27467050_x6.....guGcucaccaacagauccg..... 1
 Gi5_8535757_x6.....CguucgauucccgGcgccggag..... 1
 Gi5_8554297_x6.....gguucgauucccgGcgccggaAc..... 1
 Gi5_8554057_x6.....gguGcgauucccgGcgccg..... 1
 Gi1_3990541_x6.....ugguuAucaccaacagauccgg..... 1
 Gi1_3983311_x6.....uccggcguaguaGcggcuaga..... 1
 Gi2_10556015_x6.....guucgauucccgGcAccggag..... 1
 Gi3_27539296_x6.....Gcggcguaguaaacggc..... 1

Gi3_27523864_x6.....cUgcguaguauaacggcuagaau.....1
Gi3_27521212_x6.....ucAggcguaguauaacgg.....1
Gi3_27484174_x6.....gguucgauucccggcgccU.....1
Gi2_10585691_x6.....gguucgauucccggcgcAgga.....1
Gi5_8563561_x6.....gguUgauucccggcgcggag.....1
Gi3_27613417_x5.....uGacccaacagauccggguuc.....1
Gi3_27619017_x5.....gguucgauucccggcgccCg.....1
Gi1_4008310_x5.....guucuUacccaacagauccg.....1
Gi3_27598827_x5.....gUcguaguauaacggcuag.....1
Gi1_4005095_x5.....Cuucucacccaacagauccg.....1
Gi1_4017635_x5.....uccNgcguaguauaacggcuaga.....1
Gi2_10605510_x5.....uccNgcguaguauaacggcuaga.....1
Gi1_4004885_x5.....uucucacccaacagauUcg.....1
Gi1_4006035_x5.....guucucacccaacagauUgg.....1
Gi1_4012755_x5.....uGcgauucccggcgcggagc.....1
Gi1_4010535_x5.....ugguucucacccaacUgauccgg.....1
Gi3_27619477_x5.....Aucucacccaacagauccg.....1
Gi3_27583507_x5.....guucucacAaacagauccg.....1
Gi2_10617660_x5.....uccggcgCaguauaacgg.....1
Gi2_10646650_x5.....cUggucgauucccggcgccgga.....1
Gi3_27549482_x5.....gCuucgauucccggcgcc.....1
Gi5_8571647_x5.....gUcguaguauaacggcuagaau.....1
Gi2_10615215_x5.....gguucgauucccgCcgccggagc.....1
Gi3_27595842_x5.....gguucgUuucccggcgccgga.....1
Gi5_8594797_x5.....guAcgauucccggcgcggga.....1
Gi1_4011795_x5.....ugguucucacccaacagUuccg.....1
Gi3_27574032_x5.....Gacccaacagauccggguuc.....1
Gi5_8577237_x5.....cGcaacagauccggguuc.....1
Gi1_4002880_x5.....guucgauucccggcgUcggagc.....1
Gi1_4015470_x5.....guucgauucGcggcgcgg.....1
Gi3_27599387_x5.....uucgauucccggcgccggG.....1
Gi1_4011940_x5.....uccggcguUguauaacgg.....1
Gi2_10606495_x5.....gguucucacccaCcagauccg.....1
Gi3_27608552_x5.....uccggcgGaguauaacgg.....1
Gi2_10632270_x5.....uccggUguaguauaacggcuag.....1
Gi3_27566502_x5.....gguucgauucccggcgUcg.....1
Gi3_27610652_x5.....ucgauucUcgggcgccggagc.....1
Gi1_3996520_x5.....guucUauucccggcgccgga.....1
Gi2_10602855_x5.....guuAgauucccggcgccggagc.....1
Gi3_27559677_x5.....uccggcguUguauaacggcuagaa.....1
Gi3_27551882_x5.....uccggcguaguUuaaacggc.....1
Gi2_10617540_x5.....uUgauucccggcgccggagc.....1
Gi1_4015240_x5.....uucucacAaacagauccg.....1
Gi1_4017445_x5.....ggcguaguauaacggcuagaau.....0
Gi1_3994800_x5.....cucacccaacagUuccgg.....1
Gi5_8589032_x5.....gguucgauucccggcgccggagcU.....1
Gi5_8582642_x5.....uccggcgCaguauaacggcua.....1

Gi3_27640892_x5.....uucucacccUacagauccgg.....1
Gi1_4002305_x5.....uccgUcguaguauaacggcuaga.....1
Gi3_27651257_x5.....gguucAauuccggcgccgg.....1
Gi5_8578112_x5.....gguucucaccAaacagauccg.....1
Gi1_4005840_x5.....cGggcguaguauaacggcua.....1
Gi2_10648950_x5.....uccggcguaguauCacggcua.....1
Gi1_3995375_x5.....gguucgauuccggcgccAga.....1
Gi1_4011460_x5.....aUagauccggguucgauucc.....1
Gi3_27561792_x5.....uGucaccaacagauccg.....1
Gi3_27630192_x5.....uccggcguaguauUcgg.....1
Gi3_27644187_x5.....guucgUuuccggcgccggag.....1
Gi2_10636470_x5.....uccCgcguaguauaacggcuaga.....1
Gi3_27656182_x5.....gguucucacccaacaAauccg.....1
Gi5_8579392_x5.....guucgauuAccggcgccgg.....1
Gi5_8585457_x5.....uccggcguaguauaacggcC.....1
Gi2_10633035_x5.....guAcgauuccggcgccggag.....1
Gi1_4007875_x5.....uucucacccaacagaCccg.....1
Gi5_8592012_x5.....Cuucgauuccggcgccggagc.....1
Gi5_8590282_x5.....gguCcgauuccggcgccgga.....1
Gi3_27601762_x5.....gguucgauuccggGgccgga.....1
Gi3_27604427_x5.....guccggcguaguauaacggcua.....0
Gi2_10602770_x5.....gguucgauucccgUcgccggagc.....1
Gi2_10603755_x5.....guucucacccaCcagauccg.....1
Gi3_27595807_x5.....ucgauucccgUgccggagc.....1
Gi5_8596607_x5.....ggAucgauuccggcgcc.....1
Gi2_10642580_x5.....gAucgauuccggcgccgg.....1
Gi3_27581747_x5.....gguucgauuccggcgccAgg.....1
Gi1_4015505_x5.....guucgauuccggGgccgg.....1
Gi3_27604932_x5.....ucucacccaacagaCccg.....1
Gi5_8566427_x5.....uucucGcccaacagauccg.....1
Gi1_4006725_x5.....uucAcacccaacagauccg.....1
Gi3_27585937_x5.....uucucacccaacagauUcg.....1
Gi1_4016545_x5.....guucucacccaacagaCccg.....1
Gi5_8570127_x5.....uucucacccaCcagauccg.....1
Gi5_8590737_x5.....gAuucgauuccggcgccgg.....1
Gi5_8600132_x5.....uccggcgCaguauaacgg.....1
Gi3_27636442_x5.....Cuucucacccaacagauccg.....1
Gi1_3994160_x5.....Cgguucucacccaacagauccg.....1
Gi5_8567422_x5.....uccggcguaguauaacggcuUga.....1
Gi1_4010130_x5.....uucucacccaacagauAcg.....1
Gi1_4008185_x5.....uccAgcguaguauaacggcua.....1
Gi5_8576682_x5.....uGgguucucacccaacagauccg.....1
Gi3_27604532_x5.....guCcuacccaacagauccg.....1
Gi3_27591482_x5.....uccggUguaguauaacggcuagaau.....1
Gi2_10626120_x5.....gguGcgauuccggcgccggagc.....1
Gi1_3999010_x5.....uccggcguaguauaaUggcuag.....1
Gi3_27641547_x5.....ucUauuccggcgccggag.....1

Gi2_10642000_x5.....ggNucgauucccggcgccggagc..... 1
Gi1_4017165_x5.....uucucacAcaacagauccgg..... 1
Gi4_536278_x5.....uccggcguaguauUacgg.....gguucgauucccggcgccg..... 0
Gi1_4016980_x5.....uccggcguaguauUacgg..... 1
Gi1_3996275_x5.....uccggcguaguauaaUggcuagaau..... 1
Gi5_8590502_x5.....gguucgauucccggcgccgg..... 1
Gi3_27650387_x5.....ggNcgauucccggcgccgga..... 1
Gi5_8565527_x5.....cccaacagNuccggguuc..... 1
Gi3_27617207_x5.....gguucucacccaacagauUcg..... 1
Gi1_3998275_x5.....gguucgauucccggcgccgAacgga..... 1
Gi3_27589007_x5.....gguucgauucccgUcgccggag..... 1
Gi3_27562322_x5.....uccggcguaguauaacggAuagaau..... 1
Gi2_10615105_x5.....agUuccggguucgauucc..... 1
Gi5_8599527_x5.....uccggcguaguauaCcgguag..... 1
Gi2_10638655_x5.....gguucgauucccggcgccUggag..... 1
Gi5_8592582_x5.....gguucuAacccaacagauccg..... 1
Gi2_10628225_x5.....gguucgaGucccggcgccggagc..... 1
Gi1_3995650_x5.....ucGggcguaguauaacgg..... 1
Gi2_10623935_x5.....uccggcguagCauaacggcuagaa..... 1
Gi3_27647232_x5.....uccgAcguaguauaacggcuagaau..... 1
Gi3_27596067_x5.....uucucaccUaacagauccgg..... 1
Gi3_27606822_x5.....ucAggcguaguauaacggcuagaa..... 1
Gi3_27611272_x5.....gguucgUuucccggcgccgga..... 1
Gi1_3997310_x5.....uccgUcguaguauaacggc..... 1
Gi2_10606795_x5.....gguucgauuccUggcgccgga..... 1
Gi1a_5740252_x5.....uccggcguNguauaacggcuaga..... 1
Gi5_8581882_x5.....Agguucucacccaacagauccg..... 1
Gi1_4000445_x5.....gguucgauucccggcgccgA..... 1
Gi5_8580147_x5.....gguucucaAcacaacagauccg..... 1
Gi5_8577467_x5.....guAcgauucccggcgccggagc..... 1
Gi5_8593517_x5.....ugguucucacccaacagaCccg..... 1
Gi2_10604880_x5.....gguucgauuccAggcgccgga..... 1
Gi2_10591075_x5.....uccggGguaguauaacggcuaga..... 1
Gi3_27640812_x5.....cccaacagaGccggguucgauuccc..... 1
Gi5_8601712_x5.....ugguucucacccaacagauAcg..... 1
Gi1_4014305_x5.....gguucgauucccggcgccg..... 1
Gi2_10614235_x5.....gguucgauucccgUgccc..... 1
Gi1_4017240_x5.....gguucgauucccggcgccggagc..... 1
Gi3_27635117_x5.....gguucAauucccggcgcc..... 1
Gi1_3999215_x5.....uucgauuccNcggcgccg..... 1
Gi1_4001675_x5.....Ccucacccaacagauccgg..... 1
Gi1_3996170_x5.....gguucgauucccggcgccgC..... 1
Gi5_8574987_x5.....uccggcguaguauaacggUuagaau..... 1
Gi5_8569292_x5.....gguucgaCucccggcgccgga..... 1
Gi5_8573337_x5.....cUgcguaguauaacggcuagaau..... 1
Gi3_27574422_x5.....uucgauucccgUgcccggagc..... 1
Gi1_4000140_x5.....uggAucucacccaacagauccgg..... 1

Gi5_8570782_x5.....guucuUaccaacagauccg..... 1
Gi2_10623165_x5.....gCucgauuccggcgccgga..... 1
Gi1_4001215_x5.....gguucgauuccggAgccgg..... 1
Gi3_27566402_x5.....guucucacccGacagauccg..... 1
Gi2_10648035_x5.....uccggcguaguauaacggcuagUau..... 1
Gi2_10644650_x5.....gguucucacccaacagauAg..... 1
Gi2_10601940_x5.....ucUggcguaguauaacggcuagaa..... 1
Gi2_10605985_x5.....uccggcguaguauaacggcuUga..... 1
Gi3_27577512_x5.....guucgauuccggcgUcg..... 1
G1a_5735567_x5.....guCcgauuccggcgccgg..... 1
Gi5_8580837_x5.....uccggcguaguauaCcgcuagaa..... 1
Gi5_8577957_x5.....uccggcguaguauaacggAuagaa..... 1
Gi3_27651732_x5.....guucgauuccggAgccggag..... 1
Gi1_3995685_x5.....Gcgauuccggcgccggagc..... 1
Gi3_27588207_x5.....agUuccggguucgauucc..... 1
Gi5_8597282_x5.....cucacccaacagCuccgg..... 1
Gi2_10604695_x5.....gguucgauuccggAgccggag..... 1
Gi5_8591757_x5.....gguucgauuccggcAccgg..... 1
Gi1_4011240_x5.....guucucacccaacagauccggU..... 1
Gi5_8587617_x5.....uccggcguaguauaacggcuagAc..... 1
Gi3_27630187_x5.....uucucacccGacagauccg..... 1
Gi5_8575312_x5.....guucgauuccUggcgccggagc..... 1
Gi3_27567322_x5.....gauuccggcgccggCgc..... 1
Gi5_8588937_x5.....uccAgcguaguauaacggcua..... 1
Gi3_27600652_x5.....ucgauuccNggcgccggag..... 1
Gi2_10627645_x5.....guucgauAccggcgccgg..... 1
Gi1_4010015_x5.....guGcucacccaacagauccg..... 1
Gi1_3999595_x5.....gAucucacccaacagauccg..... 1
Gi2_10596120_x5.....guucgCuuccggcgccggagc..... 1
Gi1_4009905_x5.....uucucacccGacagauccg..... 1
Gi3_27655387_x5.....Gaacagauccggguucgauucc..... 1
Gi2_10628090_x5.....agaauuguugguCcucacc..... 1
Gi1_3995895_x5.....ugguAcucacccaacagauccg..... 1
Gi2_10591920_x5.....gguucgauuccggcgUgg..... 1
Gi1_3995530_x5.....gguucgauuccggcgAccggagc..... 1
Gi2_10592560_x5.....uucucacccaacagauccC..... 1
Gi5_8575727_x5.....gguucucacccaacagauccggA..... 1
Gi1_4005055_x5.....agUuccggguucgauucc..... 1
Gi1_4011125_x5.....uccggcguaguauaCcg..... 1
Gi3_27555052_x5.....agauccggguucgauuccggcgccgg..... 0
Gi1_4010410_x5.....Auucgauuccggcgccg..... 1
Gi5_8598202_x5.....Cuucucacccaacagauccg..... 1
Gi2_10630205_x5.....guucucacccaacCgauccg..... 1
Gi3_27642202_x5.....gguAcgauuccggcgccgga..... 1
Gi3_27605632_x5.....uccggcguaguauaacggcuCg..... 1
Gi1_4003445_x5.....gguucgauNccggcgccggag..... 1
Gi2_10622855_x5.....gguucgauuccggcgccgCag..... 1

Gi1_3997850_x5.....guucucacccaaUagauccgg..... 1
Gi5_8591027_x5.....guucgauucccgcgccggU..... 1
Gi5_8582857_x5.....gguucgauuAccggcgccggagc..... 1
Gi3_27559772_x5.....cagaucggggGucgauucc..... 1
Gi1_4013905_x5.....uccggcguaguauaacggcuagA..... 1
Gi2_10626655_x5.....gguucgauucccgGgccgga..... 1
Gi5_8598692_x5.....uucucacccGacagauccg..... 1
Gi2_10624170_x5.....gguucgauucccgGgccAg..... 1
G1a_5739327_x5.....ucUggcguaguauaacggcuag..... 1
Gi3_27622827_x5.....gguucgauucccgGcCccgga..... 1
G1a_5760192_x5.....uccggcgCaguauaacggcuaga..... 1
G1a_5760217_x5.....ggCucgauucccgGcgccggagc..... 1
Gi1_3993955_x5.....uccggcguaguauaacggcuag..... 1
Gi3_27600207_x5.....uccggcguaguauUacggc..... 1
Gi2_10607020_x5.....guucucacccaacagaCccg..... 1
Gi2_10598525_x5.....gguucgauucccgGcgccggUgc..... 1
Gi2_10592435_x5.....gguCucacccaacagauccg..... 1
Gi3_27633117_x5.....Cccggcguaguauaacggcuagaa..... 1
Gi2_10592830_x5.....guucgUuucccgGcgccggagc..... 1
Gi2_10648380_x5.....Cccggcguaguauaacggcuag..... 1
Gi2_10622310_x5.....gCuucgauucccgGcgccg..... 1
Gi3_27653367_x5.....uucgaCuucccgGcgccggagc..... 1
Gi1_4006810_x5.....uccggcguaguUuaacgg..... 1
Gi5_8571147_x5.....guucgauucccgGcgCAgga..... 1
G1a_5747067_x5.....uccggcguaguauaacggcuagC..... 1
Gi5_8592172_x5.....gguucgauucccgGcgccggU..... 1
Gi5_8593232_x5.....uccggcguaAuuaaacggcuagaa..... 1
Gi5_8576487_x5.....uuUucacccaacagauccgg..... 1
Gi1_4016230_x5.....Uuugguucacccaacagauccggg..... 1
Gi1_4005155_x5.....gguucgauNcccgGcgccgga..... 1
Gi1_3999765_x5.....uccggcguaguauaacggcuCg..... 1
Gi2_10620790_x5.....uccggcguaguauaacggcCag..... 1
Gi2_10645415_x5.....guucAauucccgGcgccg..... 1
Gi5_8592097_x5.....gguuGgauucccgGcgccggagc..... 1
Gi5_8575227_x5.....guucgaAuucccgGcgccgg..... 1
Gi5_8566407_x5.....uucucacUcaacagauccg..... 1
Gi3_27626252_x5.....uccggcguaguauaaGgg..... 1
Gi1_4007795_x5.....ugguucuUacccaacagauccgg..... 1
Gi2_10633100_x5.....uccggcguaguauaaUgg..... 1
Gi3_27574737_x5.....guucgauucccgGcgccgCa..... 1
Gi2_10594165_x5.....gguucgauuccAgggcc..... 1
Gi5_8568342_x5.....gUuucgauucccgGcgccggagcguu..... 1
Gi1_4010650_x5.....guucgauucccgGcgccggagcgC..... 1
Gi3_27572302_x5.....gguucgauuccUgcgcc..... 1
Gi3_27607117_x5.....ucgauucccgGcgccgAagc..... 1
Gi1_4004970_x5.....uccggcguaguaCaacggcuag..... 1
Gi3_27586067_x5.....gUguucgauucccgGcgccggag..... 1

Gi1_4002010_x5.....uccggcguaguauaacgAc..... 1
Gi3_27621612_x5.....uccggcguaAuauaacggcuag..... 1
Gi5_8598067_x5.....uccggAguaguauaacggcuagaau..... 1
Gi5_8576632_x5.....cucaccaGcagaucgg..... 1
Gi2_10629720_x5.....uccggcguaguauUacggcuaga..... 1
Gi3_27623577_x5.....gguucgauuccggcUccgga..... 1
Gi1_3996660_x5.....uucucaccaacagCuccg..... 1
Gi3_27561947_x5.....uccggcgAaguauaacggcuagaau..... 1
Gi3_27606677_x5.....ugguucucacccGacagaucgg..... 1
Gi3_27585387_x5.....uccggcguaguauaacggcuaAaa..... 1
Gi3_27550742_x5.....guucgaAucccggcgccggagc..... 1
Gi5_8591902_x5.....uccggcAuaguauaacggcuagaa..... 1
Gi5_8581037_x5.....gguucgauCcccggcgcc..... 1
Gi3_27621692_x5.....gguuUgauuccggcgccgg..... 1
Gi2_10599780_x5.....gguucgauuccggcgccAggag..... 1
Gi5_8573662_x5.....ugguCucaccaacagauccg..... 1
Gi1_4005990_x5.....uccAgcguaguauaacggcuag..... 1
Gi2_10630375_x5.....gguucgauCcccggcgccgg..... 1
Gi3_27583602_x5.....uccggcguaguauaacggcuaC..... 1
Gi5_8602037_x5.....ucaccaacGgaucggguu..... 1
Gi1_4011145_x5.....uggCucucaccaacagauccg..... 1
Gi5_8601592_x5.....guucgauuccggcgccC..... 1
Gi1_4004905_x5.....gUcguaguauaacggcua..... 1
Gi5_8598442_x5.....guucgaGucccggcgccggagc..... 1
Gi5_8586612_x5.....gguucgauuccggUgccgg..... 1
Gi5_8594457_x5.....guucgauuccUggcgccgga..... 1
Gi1_4016660_x5.....guucucaccaacagauCag..... 1
Gi5_8597617_x5.....gguucgauuccAgcgccggag..... 1
Gi2_10645020_x5.....gguucgauUccggcgccggag..... 1
Gi1_4015315_x5.....uucucaccaacagauCag..... 1
Gi1_4003015_x5.....guucgauuccggcgccUg..... 1
Gi3_27593912_x5.....gguucgauUccggcgcc..... 1
Gi1_4014320_x5.....uucucaccaacCgaucgg..... 1
Gi1_3997125_x5.....guucAcaccaacagauccg..... 1
Gi2_10643425_x5.....guucgauuccggcgccggaCc..... 1
Gi3_27567232_x5.....uucucaccaacagauccC..... 1
Gi3_27612727_x5.....gguucgauucGggcgccggagc..... 1
Gi1_4014775_x5.....uccggcguaguauaacggcuagCau..... 1
Gi5_8595782_x5.....gCucucaccaacagauccgg..... 1
G1a_5753682_x5.....gguuUgauuccggcgccggagc..... 1
G1a_5752867_x5.....gguucgauuccggcgccggGgc..... 1
Gi5_8568887_x5.....uccNgcguaguauaacggcuag..... 1
Gi1_4012760_x5.....uucucaccaacagauccA..... 1
Gi2_10617425_x5.....uccggcguaguCaacggc..... 1
Gi1_4011745_x5.....uucuGaccaacagauccg..... 1
Gi2_10628725_x5.....uccggcguaguCuaacggcua..... 1
Gi5_8568272_x5.....uccggcguaguauaacggU..... 1

Gi5_8566167_x5.....gUguucgauucccgcgccggagc..... 1
Gi2_10610005_x5.....Uuucucacccaacagauccgggu..... 1
Gi3_27574097_x5.....uccggcguaguaCaacggcuag..... 1
Gi5_8572457_x5.....ugguucucacccaGcagauccg..... 1
Gi4_535038_x5.....Gugguucucacccaacaga..... 1
Gi3_27581737_x5.....guucgauucccgcgAcggag..... 1
Gi5_8575022_x5.....gguucgaCucccgcgccggag..... 1
Gi2_10605435_x5.....ucgauuccNggcgccggag..... 1
Gi1_4004260_x5.....ugguucucacccaacagauccAgg..... 1
Gi5_8596682_x5.....uccggcguaAuauaacggcuag..... 1
Gi3_27605667_x5.....uGcucacccaacagauccggguuc..... 1
Gi1_4011340_x5.....gguucgCuucccgcgccg..... 1
Gi2_10623980_x5.....uccggcguUguauaacggcuagaau..... 1
Gi3_27635172_x5.....gguucucacccaacUgauccg..... 1
Gi2_10622525_x5.....uccggcguGguauaacggcuagaa..... 1
Gi5_8571622_x5.....gguucgauCcccggcgccggag..... 1
Gi1_4005280_x5.....uccggcguaguauGacggcuag..... 1
G1a_5752502_x5.....uccggcguaguauaGcggcuag..... 1
Gi5_8588232_x5.....Ugcguaguauaacggcuagaa..... 1
Gi5_8596177_x5.....ucucacccaacCgauccg..... 1
Gi2_10616180_x5.....guucgauucccgUcgccg..... 1
Gi1_4006125_x5.....guucgauucccgcgccgAa..... 1
Gi1_4006845_x5.....uggGucucacccaacagauccgg..... 1
Gi2_10613545_x5.....ucgauucccgcgccggUgc..... 1
Gi5_8600352_x5.....guucgauCcccggcgccggagc..... 1
Gi1_4013950_x5.....ugguucucacccaGcagauccgg..... 1
G1a_5763772_x5.....gGucgauucccgcgccg..... 1
Gi2_10634505_x5.....guucgauucccgcgAcgga..... 1
G1a_5746312_x5.....Gccggcguaguauaacggcua..... 1
Gi3_27588697_x5.....guucgauucccgAcgccggag..... 1
Gi2_10630340_x5.....gguuGgauucccgcgccggag..... 1
Gi5_8594042_x5.....gguucgauucccgUgccgga..... 1
Gi3_27614012_x5.....guucucacccaacGgauccg..... 1
Gi3_27584367_x5.....gguucgauucccgCcgccggagc..... 1
Gi2_10630885_x5.....ucgauucccgcgccggCgc..... 1
Gi2_10627080_x5.....guucgauucccgAgccg..... 1
Gi5_8590952_x5.....gguucucacccaaAagauccg..... 1
Gi3_27608742_x5.....ggAucgauucccgcgcc..... 1
Gi1_4009640_x5.....ucgauuccNggcgccggagc..... 1
Gi2_10642120_x5.....guucgauucccgcgCggagc..... 1
Gi3_27551832_x5.....gguucgauCcccggcgcc..... 1
Gi5_8571332_x5.....uccggcguUguauaacggcuag..... 1
Gi5_8598052_x5.....uGguucucacccaacagauccg..... 1
Gi2_10646330_x5.....uccggcguaguCuaacggc..... 1
Gi3_27591427_x5.....ucgauuccNggcgccgga..... 1
Gi5_8598422_x5.....uccggcguaguauGacggcua..... 1
Gi5_8588572_x5.....acagauccggguucgauucccgcgccggagcC..... 1

Gi2_10602395_x5.....uccggcguaguauaacgAcuagaau.....guucgauucccgGcgagc..... 1
Gi1_4008040_x5.....uccggcguCguauaacggc.....guucgauucccgGcgagc..... 1
Gi5_8573097_x5.....uccggcguCguauaacggc..... 1
Gi5_8567237_x5.....uccggcguNguauaacggcuagaa..... 1
Gi1_4014530_x5.....gCuucucaccaacagauccg..... 1
Gi3_27654967_x5.....ggucgauucccgGccCga..... 1
Gi2_10631330_x5.....gguucgauucccgGgcc..... 1
Gi1_4003600_x5.....uGcggcguaguauaacggcuagaa..... 1
Gi1_4003010_x5.....uucucaccaacagauccgA..... 1
Gi5_8584982_x5.....gguucgauucccgUgccg..... 1
Gi5_8579307_x5.....guucucaccaaUagauccg..... 1
Gi2_10603410_x5.....uccggcguaguauaaUggcua..... 1
Gi3_27618362_x5.....Gcaccaacagauccggguuc..... 1
Gi1_3995460_x5.....uuAucaccaacagauccg..... 1
Gi5_8636211_x4.....ucNggcguaguauaacggcuaga..... 1
Gi5_8642475_x4.....gguucgauucccgGccgA..... 1
G1a_5797642_x4.....uUguucucaccaacagauccg..... 1
Gi3_27746029_x4.....gguucgUuuccggcgccgag..... 1
Gi2_10661671_x4.....ugguucucaccaacagGuccg..... 1
Gi5_8627359_x4.....gguucgauucccgAgcc..... 1
Gi2_10700483_x4.....gguucgauucUcggcgccg..... 1
Gi1_4043464_x4.....ggCucgauucccgGccg..... 1
Gi3_27779881_x4.....uccUgcguaguauaacggc..... 1
G1a_5801486_x4.....cagauccggguucgauucccgGccgag..... 0
Gi3_27764721_x4.....gauuccggGcgUggagc..... 1
G1a_5768546_x4.....uccggcguaguauaacggcuGg..... 1
Gi1_4020584_x4.....ugguucCcaccaacagauccg..... 1
Gi2_10674299_x4.....uccggcguaguauaacgC..... 1
Gi1_4045956_x4.....guucucaccaacagauUcg..... 1
Gi3_27687713_x4.....uccggcguaguauaacggcuagaaU..... 1
Gi3_27663033_x4.....gguucucaccAaacagauccg..... 1
Gi1_4031972_x4.....uUcggcguaguauaacggcuaga..... 1
Gi1_4031772_x4.....guucgauucccgGccgCagc..... 1
Gi1_4041980_x4.....uccggcguaguCuaacggcua..... 1
Gi5_8638219_x4.....guucgAucccgGccg..... 1
Gi1_4026924_x4.....guucucaccAaacagauccg..... 1
Gi5_8611827_x4.....uccggcguaguauUacggcuaga..... 1
Gi5_8621503_x4.....uccUgcguaguauaacgg..... 1
Gi2_10655315_x4.....uccggcguagCauaacggcuag..... 1
Gi3_27778521_x4.....guucgauucccgGccUgagc..... 1
Gi5_8620595_x4.....gguAcgauucccgGccg..... 1
Gi2_10681647_x4.....gguucCauuccggcgccgagc..... 1
Gi3_27739937_x4.....uccgAcguaguauaacggcuagaa..... 1
Gi2_10650651_x4.....aUuccggcguaguauaacgg..... 1
Gi3_27792825_x4.....guucCauuccggcgccg..... 1
Gi5_8625803_x4.....gguucgCuuccggcgcc..... 1
Gi1_4046468_x4.....uucucaccaaUagauccg..... 1

Gi3_27722585_x4.....uccggcgAguauaacgg..... 1
Gi5_8619207_x4.....Gcggcguaguauaacggcua..... 1
Gi1_4018652_x4.....uccggcgGaguauaacgg..... 1
Gi3_27719873_x4.....uccggcguaguauUacggcu..... 1
Gi2_10677995_x4.....gguucgauucccgAcgccgg..... 1
G1a_5812070_x4.....uccggcguGguauaacggcuaga..... 1
Gi2_10688451_x4.....guucgauucccggcgGcgg..... 1
Gi2_10711727_x4.....guucAauucccggcgccggag..... 1
Gi5_8611723_x4.....gauccggguucgauucc..... 0
Gi2_10672991_x4.....guAcgauucccggcgccgga..... 1
G1a_5773650_x4.....Uuucgauucccggcgccgga..... 1
Gi2_10700299_x4.....Accggcguaguauaacggcuagaau..... 1
Gi2_10684211_x4.....gguucgauuccUggcgccgg..... 1
Gi5_8638095_x4.....uccgCcguguaguauaacggcuaga..... 1
G1a_5778542_x4.....uucucaccNaacagauccg..... 1
Gi3_27791545_x4.....guucgauuccGggcgccgga..... 1
Gi5_8635099_x4.....cucacccaaUagauccgg..... 1
Gi3_27762773_x4.....uucucacccaacUgauccg..... 1
Gi1_4029868_x4.....uccggcguaguauaacgAcuagaau..... 1
Gi2_10720347_x4.....guucucacccaacagauccg..... 1
Gi5_8627543_x4.....ucGcacccaacagauccg..... 1
Gi1_4024132_x4.....uccggcguaguauaacAgcu..... 1
Gi2_10722963_x4.....gguucucacUcaacagauccg..... 1
Gi3_27793401_x4.....uccggcguaguauaacggcuCgaa..... 1
Gi3_27700177_x4.....Ugcguaguauaacggcuagaau..... 1
Gi1_4025512_x4.....gguucgauuccUggcgccggagc..... 1
Gi2_10709991_x4.....uccAgcguaguauaacgg..... 1
Gi5_8609195_x4.....guucucacccaacagauAcgg..... 1
Gi5_8621483_x4.....uccggcguaguauaacggcuagCa..... 1
Gi1_4033572_x4.....ugguucucaccUaacagauccg..... 1
Gi5_8631027_x4.....ucAggcguaguauaacggcuaga..... 1
Gi5_8614263_x4.....gguucgauucccggcgAcgg..... 1
Gi3_27745305_x4.....gguucgaGucccggcgccgga..... 1
Gi1_4036324_x4.....gCuucgauucccggcgccgga..... 1
Gi3_27778913_x4.....guucgauucccggcgGcg..... 1
Gi1_4037732_x4.....ugAuucucacccaacagauccgg..... 1
Gi3_27744169_x4.....ugguucucacccaacCgauccg..... 1
Gi5_8621807_x4.....uucucaccNaacagauccgg..... 1
Gi3_27730345_x4.....gguucgauuAccggcgccgg..... 1
Gi1_4025668_x4.....guucgauucccggcgUcggga..... 1
Gi1_4035960_x4.....agauccggguucgCuuccc..... 1
Gi3_27737637_x4.....gguucgauucccggcgccggaC..... 1
Gi1_4034080_x4.....guucgauuNccggcgccg..... 1
Gi5_8629787_x4.....gguucgauucccUgcggccgga..... 1
Gi2_10723675_x4.....uAguucucacccaacagauccg..... 1
G1a_5770894_x4.....uccgUcguaguauaacggcuaga..... 1
Gi2_10714383_x4.....uucCcacccaacagauccg..... 1

Gi2_10685383_x4.....gguucgauucccgAcgccggag..... 1
Gi5_8632475_x4.....gguuUgauucccgcc..... 1
Gi5_8637731_x4.....uccggcguCguauaacggcua..... 1
G1a_5789218_x4.....uGucaccaacagauccg..... 1
Gi5_8618779_x4.....uccggcguGguauaacggcuagaau..... 1
Gi1_4043420_x4.....gguucgCuucccgccggagc..... 1
G1a_5778154_x4.....uccggcguaguaCaacggcuaga..... 1
Gi2_10661571_x4.....uccggcguaguauaacggA..... 1
Gi4_544242_x4.....uGgguucucacccaacaga..... 1
Gi3_27731089_x4.....Ccgauucccgccggagc..... 1
Gi3_27766449_x4.....uccggcguaguauGacggcuag..... 1
Gi3_27664693_x4.....cGgauccggguucgauucccgccgg..... 1
Gi3_27685073_x4.....gguucgauuAccggcccg..... 1
Gi1_4033416_x4.....gguucgauucccgccgg..... 0
Gi1_4037508_x4.....uccggcguaguauaacggAua..... 1
Gi3_27793009_x4.....uucucacccaacaAaucg..... 1
Gi3_27749661_x4.....uucuGaccaacagauccg..... 1
Gi3_27730525_x4.....cUaguauaacggcuaga..... 1
Gi2_10683207_x4.....cGaccaacagauccg..... 1
Gi5_8636191_x4.....uucucacccCacagauccg..... 1
Gi1_4037048_x4.....guucgauCcccgccggagc..... 1
Gi5_8632299_x4.....uccgAcguaguauaacggcu..... 1
Gi5_8609607_x4.....uccggcguaguUuaacggcuag..... 1
Gi3_27725409_x4.....Gggcguaguauaacggcuaga..... 1
Gi1_4021644_x4.....ugguucucacccaUcagauccg..... 1
Gi1_4021920_x4.....uccggcguaguauaaUggc..... 1
Gi3_27725249_x4.....uUguucucacccaacagauccg..... 1
Gi2_10693463_x4.....gguucgauuccAggcgccc..... 1
Gi2_10683295_x4.....gcguaguauaacggcuagaau..... 0
Gi1_4043600_x4.....uccggcguUguauaacggcuaga..... 1
Gi5_8615995_x4.....gAuucgauucccgccggag..... 1
Gi5_8650211_x4.....gguucgauuccAggcgccc..... 1
Gi5_8619295_x4.....guucgauucAcggccggagc..... 1
Gi5_8623915_x4.....gguucgauucccgAgccggag..... 1
G1a_5787674_x4.....ggGucgauucccgccgg..... 1
Gi2_10657263_x4.....guucgauucccgAcgccg..... 1
Gi2_10659299_x4.....gguucucacccaGcagauccg..... 1
Gi5_8617791_x4.....uccggAguaguauaacggcuaga..... 1
Gi5_8609083_x4.....uccggGguaguauaacggcuag..... 1
Gi3_27733425_x4.....uccgCcgaguauaacggcua..... 1
Gi3_27795609_x4.....uCcgauucccgccggagc..... 1
Gi5_8616915_x4.....gauucccgNcgccggagc..... 1
Gi3_27795865_x4.....gguucgauucccgccCgag..... 1
Gi2_10650611_x4.....uccggcgAguauaacggcuaga..... 1
Gi2_10724311_x4.....gguucgauuccAggcgccc..... 1
Gi5_8644719_x4.....uccggcguaguauaacggGuaga..... 1
Gi1_4047544_x4.....gguuGucaccaacagauccg..... 1

Gi1_4033128_x4.....ugguuUucacccaacagauccgg..... 1
Gi3_27761645_x4.....uUucacccaacagauccg..... 1
Gi5_8607155_x4.....Gccaacagauccggguuc..... 1
Gi1_4019692_x4.....uGucacccaacagauccg..... 1
Gi2_10677467_x4.....gAucgauucccggcgcg..... 1
Gi1_4025808_x4.....guucgauucccAgcgcg..... 1
Gi1_4044292_x4.....uucAcacccaacagauccg..... 1
Gi1_4029940_x4.....uUcggcguaguuaaacggcuagaau..... 1
G1a_5806874_x4.....uccggcguaguuaaacAgc..... 1
Gi1_4043972_x4.....guucucacccaacagCuccg..... 1
Gi1_4036960_x4.....uccggcguaguuaaacggcuagaCu..... 1
Gi3_27721721_x4.....gguucgauuGccggcgccggag..... 1
Gi2_10670995_x4.....guucgGuucccggcgccggag..... 1
Gi5_8608015_x4.....uccggAguaguuaaacggcuag..... 1
Gi3_27694377_x4.....guucgauucUcggcgccggag..... 1
Gi3_27738193_x4.....uccggcguCguuaaacggcuagaau..... 1
Gi3_27677373_x4.....cGggcguaguuaaacggcuaga..... 1
Gi3_27705597_x4.....ugguucCacccaacagauc..... 1
Gi5_8621407_x4.....guucucacccaacagauUcgg..... 1
Gi1_4025804_x4.....uccggcguaguuaaacggcuAaa..... 1
Gi5_8635967_x4.....uucucaUccaacagauccg..... 1
Gi2_10717675_x4.....gguucuUaccaacagauccg..... 1
Gi2_10665471_x4.....uccggcguaguuaCcgguca..... 1
Gi1_4028676_x4.....gguucgauuccAggcgcccgg..... 1
Gi2_10663483_x4.....guucucacUcaacagauccg..... 1
Gi2_10654171_x4.....Cuucucacccaacagauccg..... 1
Gi2_10661863_x4.....guucgauuAccggcgccc..... 1
Gi3_27761817_x4.....guucgauucccgGgcccga..... 1
Gi3_27734441_x4.....cgauucccggcgcccggagcA..... 1
Gi3_27683689_x4.....ucgGuucccggcgcccga..... 1
Gi5_8634911_x4.....cGggcguaguuaaacggcuaga..... 1
Gi3_27734861_x4.....uccggcguaguCuaaacggcuagaau..... 1
Gi5_8624351_x4.....gguucgauucccggcgcccggUg..... 1
Gi5_8642943_x4.....Accggcguaguuaaacggcu..... 1
Gi2_10679567_x4.....uccggcguaguuaaacggcCagaa..... 1
Gi2_10718439_x4.....ugguucucacccaGcagauccg..... 1
Gi5_8607547_x4.....uccggcguaguUuaaacggcuaga..... 1
Gi5_8633523_x4.....guucAauucccggcgcccga..... 1
Gi5_8632635_x4.....gguucgauucccggcgcccU..... 1
Gi5_8608251_x4.....ucGggcguaguuaaacggcuaga..... 1
Gi5_8605863_x4.....guucucacAcaacagauccg..... 1
Gi2_10690783_x4.....uccggcguaguauCacggcuagaa..... 1
G1a_5784282_x4.....gguucgauNcccggcgcccggag..... 1
Gi3_27746597_x4.....uccggcguNguuaaacggcu..... 1
Gi3_27681081_x4.....ucgauuccUggcgcccggagc..... 1
Gi3_27739557_x4.....gguucgauucccggcgccc..... 1
Gi5_8638903_x4.....ucAcacccaacagauccg..... 1

Gi1_4042944_x4.....gguucgauuuccggcgAggagc..... 1
Gi5_8639407_x4.....ugguucucacccaCagauccgg..... 1
Gi5_8619903_x4.....uccggcguaguauaacAgcuagaa.....gguNcucacccaacagauccg..... 1
Gi1_4037432_x4.....uccggcguaguauaacAgcuagaa.....gguNcucacccaacagauccg..... 1
Gi5_8625943_x4.....gguNcucacccaacagauccg..... 1
Gi1_4038728_x4.....uGcggcguaguauaacggcu.....gguucgauuuccggcUccggagc..... 1
Gi2_10706115_x4.....gguucgauuuccggcUccggagc..... 1
Gi2_10655231_x4.....gguucgauuuccggcUccggagc..... 1
Gi3_27734973_x4.....gguucgauuuccggcUccggagc..... 1
G1a_5772702_x4.....uucucGcccaacagauccg..... 1
Gi3_27686413_x4.....ugguucucacccaacagaCccg..... 1
Gi3_27685289_x4.....uGguucucacccaacagauccg..... 1
Gi1_4043404_x4.....gguucgauuuccggcUccggagc..... 1
Gi5_8644263_x4.....uccggAguaguauaacggcua..... 1
Gi3_27695869_x4.....gguucCauuuccggcgccggagc..... 1
Gi3_27723821_x4.....ccggcguaguauaacggcuagG..... 1
Gi2_10700555_x4.....gguucgauuuccggcgccgAag..... 1
Gi1_4021276_x4.....uccggcguaguauaacggc..... 1
Gi3_27763597_x4.....cagauccggguucgGuucc..... 1
Gi2_10711235_x4.....uucucacccaacaAauccg..... 1
Gi2_10682415_x4.....gguucgauuuccggcgccgga..... 1
Gi2_10667263_x4.....ugUuucucacccaacagauccg..... 1
Gi2_10662051_x4.....ucAgggcguaguauaacggcuaga..... 1
Gi1_4022432_x4.....gguucgauuuccggcgGgg..... 1
Gi5_8638887_x4.....gguucgauuuccggcgccgga..... 1
Gi2_10695131_x4.....gguucgauuuccggcUccggagc..... 1
G1a_5784406_x4.....uccggcguaguauaacAgcuag.....gguucgauuuccggcgccgga..... 1
Gi1_4028852_x4.....gguucgauuuccggcgccgga..... 1
Gi1_4025080_x4.....ugguucucacccaGcagauccg..... 1
Gi2_10653287_x4.....uccggcguaguauaacUgcuaga..... 1
Gi3_27753053_x4.....caUcagauccggguucgauucc..... 1
Gi2_10703143_x4.....gguucgauuuccggcCccggagc..... 1
Gi1_4031176_x4.....gguucgauuuccAgcgccggagc..... 1
Gi5_8642743_x4.....uccggcguaguauaacggc.....gguucgauuuccggcgccgga..... 1
G1a_5776354_x4.....gguucgauuuccggcgccgga..... 1
Gi1_4045972_x4.....uccAgcgguaguauaacggcuaga.....gguucgauuuccggcgccgga..... 1
Gi5_8644247_x4.....gguucgauuuccggcgccgga..... 1
Gi5_8625755_x4.....gguucgauuuccggcgccgga..... 1
Gi5_8644299_x4.....uccggcguaguauaacggcua.....gguucgauuuccggcgccgga..... 1
Gi5_8604751_x4.....gguucgauuuccggcgccgga..... 1
Gi3_27785053_x4.....gguucgauuuccggcgccgga..... 1
Gi5_8611627_x4.....gguucgauuuccggcgccgga..... 1
Gi3_27733409_x4.....Accggcguaguauaacggcuagaau.....gguucgauuuccggcgccgga..... 1
Gi3_27672201_x4.....ugGucucacccaacagauccg.....gguucgauuuccggcgccgga..... 1
Gi3_27769641_x4.....gguucgauuuccggcgccgga..... 1
Gi3_27786237_x4.....ggcguGguauaacggcua.....gguucgauuuccggcgccgga..... 1
Gi2_10716583_x4.....gguucgauuuccggcgccgga..... 1

Gi2_10685011_x4.....gAuucgauucccgccg..... 1
Gi1_4031320_x4.....uccggcguaguauaacgCcuaga..... 1
Gi2_10712851_x4.....gguucucacccaacagaCccg..... 1
Gi3_27743185_x4.....uucgauucccgccgagcCu..... 1
Gi1_4026748_x4.....uccggUguaguauaacggcuaga..... 1
G1a_5767494_x4.....gguucgauNcccgccgagc..... 1
Gi3_27690365_x4.....uccggcguaguauaacggcuaUaa..... 1
Gi3_27665241_x4.....uucucacccaacagauccA..... 1
Gi2_10669531_x4.....ugguucucGcccaacagauccg..... 1
Gi5_8628479_x4.....cUgcguaguauaacggcuaga..... 1
Gi3_27679433_x4.....uccggcguaguauaacggcGag..... 1
G1a_5786382_x4.....guucgaCucccgccgagc..... 1
Gi3_27687081_x4.....uucucacUcaacagauccg..... 1
Gi3_27766557_x4.....cgUuucccgccgagc..... 1
Gi3_27734069_x4.....uccggcCuaguauaacggcua..... 1
Gi2_10689443_x4.....gguucUauucccgccgagc..... 1
Gi5_8633619_x4.....guucgauucccgccgagcU..... 1
Gi1_4025384_x4.....uccggcguNguauaacggcu..... 1
Gi3_27680249_x4.....Gguccggcguaguauaacggcuagaugg..... 1
Gi5_8637387_x4.....ucucaccUaacagauccg..... 1
G1a_5794926_x4.....uccggcguaguauaacggcCaga..... 1
Gi3_27787413_x4.....ucgauucccgAcgccgagc..... 1
Gi2_10670415_x4.....Gccggguucgauucccgccgagc..... 1
Gi2_10652575_x4.....Gccggcguaguauaacggcu..... 1
Gi5_8636847_x4.....uucucacccaacagauccgAguuc..... 1
Gi1_4039380_x4.....guucgauucccgccgagcU..... 1
Gi3_27757405_x4.....uccggcguaguauaacggcua..... 1
Gi4_538906_x4.....guucgauucccgccgagcCu..... 1
Gi1_4029248_x4.....ugguucucacccaacagauccgC..... 1
G1a_5791562_x4.....uccggcguaguauaacggcua..... 1
Gi5_8631839_x4.....guucucaccUaacagauccg..... 1
Gi3_27696025_x4.....guucucacccaacagauccggguucga..... 0
Gi1_4028920_x4.....ucAcacccaacagauccg..... 1
Gi2_10681731_x4.....guucgauuccUgcgagc..... 1
Gi1_4042952_x4.....uAguucucacccaacagauccg..... 1
Gi1_4022416_x4.....gguucgauuccAgccgagc..... 1
Gi3_27768121_x4.....guucAcacccaacagauccg..... 1
Gi3_27731845_x4.....uccggcguaguauaacgg..... 1
Gi3_27693585_x4.....uccggcguUguauaacgg..... 1
Gi1_4026548_x4.....guGcgauucccgccgagc..... 1
Gi2_10658783_x4.....uccggcguaguauaacggcuagaau..... 1
Gi3_27715681_x4.....gguucgauucccgAcgcc..... 1
Gi5_8617559_x4.....uccgAcguaguauaacggc..... 1
Gi1_4017968_x4.....gguucgauAcccgccgagc..... 1
Gi3_27720869_x4.....uucucacccaacagaCccg..... 1
Gi5_8622307_x4.....ucAggcguaguauaacgg..... 1
Gi1_4029828_x4.....ugguucucacccaacagauccg..... 1

Gi3_27713505_x4.....uccggcguaguauaCcgguagaau.....1
Gi3_27740821_x4.....uccggcguaguaGaacgg.....1
Gi5_8634519_x4.....ccggcguaguauaacggc.....0
Gi5_8642555_x4.....uGcggcguaguauaacggcu.....1
Gi3_27713213_x4.....ugguucucacccaGcagauccg.....1
Gi3_27667689_x4.....caacagauNcggguucga.....1
Gi1_4040124_x4.....uccggcguGguauaacggcuag.....1
G1a_5807306_x4.....uccggcguGguauaacggcuag.....1
G1a_5807290_x4.....guucgauucccggcgccggCgc.....1
Gi1_4026056_x4.....ggGucucacccaacagauccg.....1
G1a_5812030_x4.....guucgaCucccggcgccg.....1
Gi2_10706091_x4.....ggAucgauucccggcgccg.....1
Gi3_27680801_x4.....gguucgauucccggcCccggag.....1
Gi2_10662863_x4.....Cguucucacccaacagauccg.....1
Gi3_27772193_x4.....Ccucacccaacagauccg.....1
Gi3_27668109_x4.....guucgauucccggcAcg.....1
Gi2_10675863_x4.....uccggcguaguauaacgAcuag.....1
Gi3_27773113_x4.....gUguucgauucccggcgccgga.....1
Gi2_10659599_x4.....guucgauuAccgggcgccg.....1
Gi2_10660663_x4.....uucgauucNcgggcgccg.....1
Gi1_4023416_x4.....cCcaccaacagauccg.....1
Gi3_27701357_x4.....Ggauccggguucgauucc.....1
Gi5_8605199_x4.....cucaccaacCgaucgg.....1
Gi3_27789605_x4.....uccUgcguaguauaacggcua.....1
Gi5_8633971_x4.....guucuAaccaacagauccg.....1
Gi1_4046344_x4.....uucucacccaacagauUcgg.....1
Gi1_4027556_x4.....uUucaccaacagauccg.....1
Gi1_4026196_x4.....guucucacccaacagauccgU.....1
Gi3_27771089_x4.....gguucgauAcccggcgccg.....1
Gi2_10714971_x4.....uccggcguaguauaacggUuag.....1
Gi1_4047284_x4.....guucgGuucccggcgccggagc.....1
Gi3_27793233_x4.....Cgguucucacccaacagauccg.....1
Gi3_27786177_x4.....uccggcguaguauaacggcuUgaa.....1
Gi3_27755897_x4.....uccUgcguaguauaacgg.....1
Gi3_27739361_x4.....Uguucgauucccggcgccggagcg.....1
Gi3_27784853_x4.....gguucgauuAccgggcgcc.....1
Gi1_4038864_x4.....ugguucucacccaacagauccgU.....1
Gi3_27711361_x4.....uccggcguaguauaUcggcuagaa.....1
Gi2_10723707_x4.....ucgauuccUgggcgccggagc.....1
Gi2_10670903_x4.....uccggAguaguauaacgg.....1
Gi3_27678893_x4.....guucgauucccggcgccCgag.....1
Gi2_10701467_x4.....uccggcguaguGuaacggcuag.....1
Gi1_4018196_x4.....uucgauucccggcgcUgg.....1
Gi1_4037176_x4.....gguCcgauucccggcgccggagc.....1
Gi2_10687567_x4.....guucCauucccggcgccg.....1
Gi2_10704539_x4.....Agguucgauucccggcgccggagc.....1
Gi3_27753009_x4.....cGacagauccggguucgauucc.....1

Gi2_10666835_x4.....Acgauucccggcgccggagc..... 1
Gi3_27778965_x4.....cuUacccaacagauccgg..... 1
Gi2_10690695_x4.....gguucgGuucccggcgccgg..... 1
Gi5_8647391_x4.....guucucacccaacUgauccgg..... 1
Gi3_27718133_x4.....gguucgauAcccggcgcc..... 1
Gi5_8609459_x4.....gguucgCuucccggcgccgg..... 1
Gi1_4045912_x4.....ucGggcguaguauaacggcuag..... 1
Gi3_27788509_x4.....ugguucucacccaCcagauccg..... 1
Gi3_27704205_x4.....uccggcguaguauaacggcGaga..... 1
Gi3_27672645_x4.....gauUccgggcgccggagc..... 1
Gi2_10668255_x4.....uccggcguaguauaCcg..... 1
Gi5_8603079_x4.....gguucgauucccCgcgcgg..... 1
Gi2_10717975_x4.....uccggcguCguauaacggc..... 1
Gi5_8647743_x4.....ucacccaacagauccggCu..... 1
Gi2_10671651_x4.....uccggcguaguauaacggAuaga..... 1
Gi3_27781409_x4.....ucgauucccggcgccAga..... 1
Gi1_4024384_x4.....gauucccggcgccggagcC..... 1
Gi3_27777017_x4.....guucucacccaacagCuccg..... 1
Gi5_8650035_x4.....ugguucucacccaacUgauccg..... 1
Gi5_8624019_x4.....gguucgauucUcgggcgccggagc..... 1
Gi5_8621983_x4.....Aguucucacccaacagauccgg..... 1
Gi3_27756361_x4.....Accggcguaguauaacggcuagaa..... 1
Gi5_8624183_x4.....guucucacAcaacagauccg..... 1
Gi1_4027888_x4.....ucUggcguaguauaacggcuagaau..... 1
Gi3_27713285_x4.....Gggguucgauucccggcgccgga..... 1
Gi1_4039752_x4.....cucacccaNcagauccgg..... 1
Gi5_8636739_x4.....uccggcAuaguauaacggc..... 1
Gi1_4030560_x4.....Cguucgauucccggcgccgg..... 1
Gi2_10670063_x4.....aguuccggcNuaguauaacggcuaga..... 1
Gi1_4040120_x4.....gguucucaccUaacagauccg..... 1
Gi5_8639583_x4.....gguUgauucccggcgccgg..... 1
Gi2_10692995_x4.....gguucucacccaacagauc..... 0
Gi2_10674607_x4.....uUcggcguaguauaacggcuagaau..... 1
Gi1_4029016_x4.....ucucaccNacagauccg..... 1
Gi1_4033028_x4.....uucucacUcaacagauccgg..... 1
Gi1_4029512_x4.....ugguucucacccaacagauccUg..... 1
Gi1_4019520_x4.....ugguucucCcccaacagauccgg..... 1
Gi5_8603259_x4.....uccggcGaguauaacggcuag..... 1
Gi5_8640951_x4.....cucacccaacGgauccgg..... 1
Gi2_10653131_x4.....guGcgauucccggcgccgga..... 1
Gi5_8602203_x4.....uccggcCuaguauaacgg..... 1
Gi1_4039608_x4.....ucgauucccggcgccggagcCu..... 1
Gi1_4047016_x4.....gguucgauucccggcgcUggagc..... 1
Gi5_8622683_x4.....guCcgauucccggcgccggagc..... 1
Gi3_27740369_x4.....ccggcguGguauaacggc..... 1
Gi2_10722047_x4.....aUuccggcguaguauaacggcuaga..... 1
Gi1_4023456_x4.....uccggcguaguaGaacggcuag..... 1

Gi3_27750101_x4.....uuUucacccaacagauccggguuc.....1
Gi2_10721295_x4.....cagauccggguucgauuccggcgccgga.....0
Gi3_27730749_x4.....Aauuccggcgccggagc.....1
Gi3_27790573_x4.....guucgaGuccggcgccggag.....1
Gi2_10684895_x4.....uccggcguaguauaacggcuU.....1
Gi2_10678799_x4.....uuUgauuccggcgccgg.....1
Gi1_4046608_x4.....gguucgauAcccgcgccgg.....1
Gi3_27685973_x4.....agauccggNuucgauucc.....1
Gi3_27784729_x4.....uucucacccaUcagauccgg.....1
G1a_5805290_x4.....uGcucacccaacagauccg.....1
Gi2_10660771_x4.....guucgauuccggAgccgg.....1
Gi1_4040728_x4.....guucucCcccaacagauccgg.....1
Gi1_4032704_x4.....gguucgauuccggAgccggagc.....1
Gi1_4025360_x4.....uccggcguCguauaacggcua.....1
Gi2_10718583_x4.....ggAucgauuccggcgccgga.....1
Gi3_27677229_x4.....uccggcguCguauaacggcuag.....1
Gi1_4021520_x4.....uccggcguaguauaacgUcuag.....1
Gi5_8602619_x4.....guucgGuuccggcgccgga.....1
Gi3_27749889_x4.....ggCucucacccaacagauccgg.....1
Gi3_27713121_x4.....ccggcguaguauaacAguaga.....1
Gi5_8623479_x4.....gguCcgauuccggcgccggag.....1
Gi2_10657371_x4.....guucgauuccggcgccAgag.....1
Gi1_4026372_x4.....ucacccaacagauccgggC.....1
Gi2_10712155_x4.....ucgaGuccggcgccggagc.....1
Gi3_27772357_x4.....guucgCuuccggcgccggag.....1
G1a_5790914_x4.....gguucgGuuccggcgccggagc.....1
Gi2_10717623_x4.....gguucgauGccggcgccggagc.....1
Gi3_27780217_x4.....Ccgauuccggcgccgga.....1
Gi5_8612051_x4.....cucacccaacagauccAg.....1
Gi2_10672067_x4.....uccggcguCguauaacggcua.....1
Gi3_27752297_x4.....guucgauuccggcgccGg.....1
Gi2_10669571_x4.....ggguucgauuccggcgccggagc.....0
Gi5_8631047_x4.....guucuAacccaacagauccgg.....1
G1a_5768570_x4.....Aguucgauuccggcgccggag.....1
Gi3_27749101_x4.....uucgauCccggcgccgga.....1
Gi3_27754773_x4.....uUgauuccggcgccgga.....1
Gi1_4026508_x4.....guucucaccUaacagauccgg.....1
Gi5_8612143_x4.....uucucacccaacagauccAg.....1
Gi5_8606315_x4.....ugguGcucacccaacagauccg.....1
Gi3_27771121_x4.....Cgguucgauuccggcgccggagc.....1
Gi3_27740305_x4.....ugguucucacccaacagaCc.....1
G1a_5793414_x4.....uccggcguaguauaacggcuGga.....1
Gi1_4046576_x4.....guuUucacccaacagauccg.....1
Gi1_4036624_x4.....uccggAguaguauaacggcuag.....1
Gi5_8636555_x4.....uccggcguagAauaacggcuag.....1
Gi3_27706561_x4.....guucucacccaGcagauccgg.....1
Gi5_8636855_x4.....uccggcguaguaCaacggcuagaa.....1

Gi3_27770765_x4.....cUggcguaguauaacggc..... 1
Gi5_8648907_x4.....guucgauucccggcgcGg..... 1
Gi3_27717393_x4.....uccggcguaguauaacggcGa..... 1
Gi2_10695635_x4.....ucgauucccgUgccggagc..... 1
Gi1_4044148_x4.....ucucaccaacagCuccg..... 1
Gi2_10683051_x4.....uccggcguaguauaacCgcuaga..... 1
Gi5_8645679_x4.....uccggcguaguaGaacggcua..... 1
Gi2_10702083_x4.....gguAcgauucccggcgccggag..... 1
Gi3_27735613_x4.....guucgauucccggcgcUggag..... 1
Gi1_4039176_x4.....ugguucucaccUaacagaucgg..... 1
Gi1_4028916_x4.....gguucgauucccggcgcCA..... 1
Gi5_8620599_x4.....uccggcguagCuaaacggcuagaa..... 1
Gi3_27695253_x4.....uccggcguaguauGacggcuagaa..... 1
Gi1_4031480_x4.....uccggcguaguCuaaacggcuag..... 1
Gi5_8608147_x4.....cucaccGacagaucgg..... 1
Gi3_27683097_x4.....guNcgauucccggcgccgga..... 1
Gi5_8618407_x4.....guucucaccaacaAaucg..... 1
Gi1_4027604_x4.....guAcucaccaacagaucgg..... 1
Gi1_4039424_x4.....uucucaccAaacagaucgg..... 1
Gi3_27685181_x4.....ccggcguaguauaGcggcuaga..... 1
Gi5_8631527_x4.....uGcgauucccggcgccgg..... 1
Gi1_5768298_x4.....uUcggcguaguauaacggcuag..... 1
Gi5_8630763_x4.....uccggcguaguauaacggcuagaG..... 1
Gi2_10690995_x4.....uccggcguaguauaacggcuagaUu..... 1
Gi4_539122_x4.....guucgauucccggcgccggagcC..... 1
Gi1_4046500_x4.....cucaccaacGgaucgg..... 1
Gi1_4029416_x4.....uGgauucccggcgccggagc..... 1
Gi5_8623143_x4.....gguCcgauucccggcgcc..... 1
Gi5_8649635_x4.....guucucaccGacagaucgg..... 1
Gi5_8646987_x4.....gguucucaccaacaAaucg..... 1
Gi3_27696305_x4.....guucgauucccgAgccg..... 1
Gi3_27735701_x4.....guucgauuccGgggcgccg..... 1
Gi1_4021004_x4.....Cccggcguaguauaacggcuagaa..... 1
Gi1_4033656_x4.....agauccggNuucgauucc..... 1
Gi5_8623135_x4.....uucucaccaacagCuccg..... 1
Gi2_10666019_x4.....guucgauucccggcgcAgga..... 1
Gi3_27779217_x4.....guucgauAcccggcgccggag..... 1
Gi2_10697727_x4.....guucgauuccCgcgccgg..... 1
Gi5_8623607_x4.....guucgauucccggcgcUggagc..... 1
Gi2_10669251_x4.....uucucaccaacagaucUg..... 1
Gi5_8618571_x4.....uucucaccaacagaucUg..... 1
Gi1_4042808_x4.....ugguucucaccaacagaucggA..... 1
Gi5_8643103_x4.....ggUguaguauaacggcuag..... 1
Gi2_10693895_x4.....guucgauucccggcgcUcggag..... 1
Gi5_8647855_x4.....uccggcguUguauaacggcua..... 1
Gi1_4021344_x4.....uccggcguaguauCacggcuagaa..... 1
Gi2_10677239_x4.....uucucaccUaacagaucgg..... 1

Gi5_8649707_x4.....uucucaccUaacagauccg..... 1
 Gi2_10665975_x4.....gguucgauucUcgggccgga..... 1
 Gi1_4058463_x3.....guucgauucccgUcggccgga..... 1
 Gi5_8653148_x3.....guucgauucccggcgAggagc..... 1
 Gi1_4060953_x3.....uucuUacccaacagauccg..... 1
 Gi3_27843638_x3.....gguAcgauucccggcgcccgg..... 1
 Gi2_10753882_x3.....gguucgauucccggcgcccgaC..... 1
 Gi3_27849806_x3.....uccggcguagAauaacggc..... 1
 Gi1_4060236_x3.....Ggguucucacccaacagaucc..... 1
 Gi2_10782331_x3.....ugguucucaccccGacagauccg..... 1
 Gi3_27834272_x3.....guuAgauucccggcgcccggagc..... 1
 Gi1_4089273_x3.....gguucgaCucccggcgcccgg..... 1
 Gi1_4083423_x3.....gguucgauucccgUgcccggagc..... 1
 Gi2_10745776_x3.....gguuAgauucccggcgcccgg..... 1
 Gi3_27874355_x3.....uccggguuNgauucccggcgcccgg..... 1
 Gi3_27834674_x3.....aUaucggguucgauucccggcgcccggagc..... 1
 Gi5_8684030_x3.....ucacccaacagauccgggGu..... 1
 Gi3_27896066_x3.....ccggcguGguauaacggcua..... 1
 Gi5_8714744_x3.....uccggcguaguaGaacggcuagau..... 1
 Gi3_27816947_x3.....ggNucgauucccggcgcc..... 1
 Gi5_8708177_x3.....gAucucacccaacagauccg..... 1
 Gi2_10792240_x3.....gguucgauucccggcgcccga..... 1
 Gi5_8693288_x3.....gauucccggcgcccggGgc..... 1
 Gi1_4063719_x3.....ccggUguaguauaacggcua..... 1
 Gi2_10759252_x3.....Gcggcguaguauaacggcua..... 1
 Gi3_27922772_x3.....uccggcguaguauaacggAuag..... 1
 Gi2_10803628_x3.....ugguucCcacccaacagauccg..... 1
 Gi2_10779490_x3.....guucgaGucccgggcgcccgg..... 1
 Gi1_4061478_x3.....guucucacAcaacagauccg..... 1
 Gi3_27851090_x3.....Gggguucgauucccggcgcccggag..... 1
 Gi5_8652026_x3.....gguucucacccaacagUuccg..... 1
 Gi5_8683016_x3.....ugguucuUacccaacagauccg..... 1
 Gi5_8672588_x3.....gguucgauucccCgcgcccggagc..... 1
 Gi1_4068717_x3.....gguucgauucccggcgUcggga..... 1
 Gi2_10751311_x3.....guucucacccaGcagauccg..... 1
 Gi3_27815537_x3.....uucucacccaacagauccAg..... 1
 Gi5_8658149_x3.....guGcgauucccggcgcccgg..... 1
 Gi5_8686904_x3.....uccAgcguaguauaacggcuagaa..... 1
 Gi5_8673773_x3.....Cgguucucacccaacagauccgg..... 1
 Gl1_5815924_x3.....uccggcgCaguauaacggcuag..... 1
 Gi3_27819824_x3.....gguuAgauucccggcgcccgg..... 1
 Gi2_10769323_x3.....auucccggcgcccggagcCu..... 1
 Gi5_8661062_x3.....Gucucacccaacagauccggguu..... 1
 Gi3_27955169_x3.....gguucUauucccggcgcccgg..... 1
 Gi1_4059471_x3.....ucucaccccGacagauccg..... 1
 Gi3_27868535_x3.....cagauccggguCcgauucc..... 1
 Gi5_8684414_x3.....agaucgggGucgauucc..... 1

Gi3_27843773_x3.....uccggcguaguauaacggcAa.....1
Gi3_27863351_x3.....ucAggcguaguauaacggcuag.....1
Gi3_27881060_x3.....Ucggcguaguauaacggcuaga.....1
Gi3_27821375_x3.....ucgauCcccggcgccggagc.....1
Gi2_10749043_x3.....aguccggcguaguauaGcggcuaga.....1
Gi5_8714861_x3.....uccggcguaguauaUcggcuaga.....1
Gi5_8700377_x3.....uuUgauucccggcgccgg.....1
Gi5_8653064_x3.....Cauucccggcgccggagc.....1
Gi1_4057833_x3.....gguucgauucccUcggccgg.....1
Gi3_27945962_x3.....ugguucucacccaacagaucUg.....1
Gi5_8655068_x3.....uUcggcguaguauaacggcu.....1
Gi5_8680364_x3.....gguucgauucUcggcgccg.....1
Gi5_8684228_x3.....uccggcguaguauaacUgcuaagaa.....1
Gi3_27976247_x3.....ugguucucacccaacagaucgg.....1
Gi2_10814698_x3.....uccggcguaguauCacgg.....1
Gi2_10821514_x3.....gguucucacccaUagaucgg.....1
Gi3_27967205_x3.....cUgcguaguauaacggcuaga.....1
Gi2_10779409_x3.....guucgCuuccggcgccggag.....1
Gi1_4062306_x3.....uccggcAuaguauaacggcua.....1
Gi1_4075323_x3.....ucgauucccggcgccggag.....0
Gi5_8708840_x3.....ggcguaguauaacggcuagG.....1
Gi5_8685422_x3.....uccggcguagAauaacggcuaga.....1
Gi2_10824061_x3.....gguucgauucAcggcgcc.....1
Gi1_4085415_x3.....uccggcguaguauaacggcuUg.....1
Gi3_27820343_x3.....ucAauucccggcgccggagc.....1
Gi2_10785745_x3.....gguucgauucccggcgGgga.....1
Gi5_8709053_x3.....uccgCcguguaguauaacggcua.....1
Gi2_10815724_x3.....guucucacccaacagaucUg.....1
Gi1_4057590_x3.....ugguucucacccaacagauc.....0
Gi5_8652128_x3.....gguucgauucccgUcggcgga.....1
Gi5_8702369_x3.....ccggcguaguauaacggcCaga.....1
Gi1_4079190_x3.....ugguucucacccaacagaCccgg.....1
Gi1_4081971_x3.....ggGucgauucccggcgccggagc.....1
Gi5_8692001_x3.....guucucacccaacCgauccgg.....1
Gi3_27948239_x3.....uccggcguaguauaacgCc.....1
Gi2_10734631_x3.....Accggcguaguauaacggcuagaa.....1
Gi5_8679263_x3.....gguucgauucUcggcgcc.....1
Gi1_4049988_x3.....guAcucacccaacagaucgg.....1
Gi1_4087308_x3.....guucgGuucccggcgccg.....1
Gi1_4060380_x3.....uucucaUccaacagaucgg.....1
Gi4_547647_x3.....gguucgauucccggcgccggag.....0
Gi3_27932771_x3.....gguucgauucccCgcgccg.....1
Gi2_10781722_x3.....uccAgcguaguauaacggcuagaau.....1
Gi5_8705954_x3.....guucucacccaacagaucUgg.....1
Gi2_10795318_x3.....Gucucacccaacagaucgg.....1
Gi2_10771150_x3.....uccgCcguguaguauaacggcuaga.....1
Gi1_4070532_x3.....ugguucucacccaacCgauccgg.....1

Gi3_27939230_x3.....ggguucgauucccggcgccggCgc..... 1
Gi1_4055634_x3.....ucucaccaacagauAcg..... 1
Gi5_8715362_x3.....guucgauucccggcgUcgga..... 1
Gi3_27967733_x3.....uccggcgAaguauaacggcua..... 1
Gi5_8711684_x3.....gguucAuuucccggcgccgga..... 1
Gi2_10822219_x3.....gguucgauucccggcgccggagcg..... 0
Gi3_27886160_x3.....ucGggcguaguauaacgg..... 1
G1a_5822464_x3.....Gccggcguaguauaacggc..... 1
Gi1_4083897_x3.....cggcguaguauaacggcuagaaU..... 1
Gi3_27957008_x3.....guucucaccaacagauAcgg..... 1
Gi5_8684423_x3.....uccggcguaguauaacggAuaga..... 1
Gi2_10748833_x3.....uccggcguaguauaacggcuCgaa..... 1
Gi1_4078194_x3.....uccggcAuaguauaacgg..... 1
Gi5_8671166_x3.....gguucucaccaacagGuccgg..... 1
Gi5_8705780_x3.....Aucucaccaacagauccg..... 1
Gi5_8666963_x3.....gguucgauucccggcgccggaUc..... 1
Gi1_4088490_x3.....gguucgauucccggcgccggGg..... 1
Gi3_27814679_x3.....ucgauucccggcgcAggagc..... 1
Gi5_8718017_x3.....uccggcguaguUaacggc..... 1
Gi3_27813083_x3.....cgguucgNuucccggcgccgga..... 1
Gi5_8663615_x3.....ucucacccGacagauccg..... 1
Gi5_8657537_x3.....Gcgauucccggcgccggag..... 1
Gi2_10754527_x3.....agaugguugguucCacc..... 1
Gi1_4089084_x3.....guucgauUccgggcgccg..... 1
Gi2_10785715_x3.....ucgauucAcgggcgccggagc..... 1
Gi3_27906026_x3.....Gucucaccaacagauccggguuc..... 1
Gi3_27864914_x3.....uucgaCucccggcgccgg..... 1
Gi2_10780153_x3.....gguucucCcccaacagauccg..... 1
Gi3_27822218_x3.....uccggcguaguauaacggcuagaG..... 1
Gi4_552126_x3.....guucgaCucccggcgccggagc..... 1
Gi3_27836450_x3.....guucgauucccggcgccgUag..... 1
Gi1_4058496_x3.....gguucCcacccaacagauccgg..... 1
Gi3_27892247_x3.....gguucgauucccggcgcGgga..... 1
Gi1_4074375_x3.....ugguucucaccaacagauccA..... 1
Gi5_8668661_x3.....uccggcguaguauaacggAua..... 1
Gi1_4066989_x3.....guuUucaccaacagauccgg..... 1
Gi2_10796326_x3.....gUuucccggcgccggagc..... 1
Gi3_27941390_x3.....uucgauCcccggcgccggagc..... 1
Gi2_10784437_x3.....uccAgcguaguauaacggcuag..... 1
Gi2_10826089_x3.....gguucucaccaacUgauccg..... 1
Gi1_4063590_x3.....guucgauucccggcgccCga..... 1
Gi2_10822114_x3.....gguuGgauucccggcgccgga..... 1
Gi2_10743235_x3.....gguucgauucccggcgcGggag..... 1
Gi3_27890927_x3.....Cccggcguaguauaacggcu..... 1
Gi3_27886430_x3.....guuGgauucccggcgccgga..... 1
Gi5_8710403_x3.....ucuUaccaacagauccg..... 1
Gi5_8716589_x3.....guucgauucccgAgccgga..... 1

Gi5_8668877_x3.....Ucggcguaguauaacggcuag..... 1
Gi2_10751710_x3.....Accggcguaguauaacggcuag..... 1
Gi2_10825423_x3.....uccggcguUguauaacggcua..... 1
Gi5_8653355_x3.....gguucgauuAccggcgccgga..... 1
Gi5_8704106_x3.....uccggcguaguauaaAggcuagaau..... 1
Gi2_10753012_x3.....ggguucgauuccggcgccggagcC..... 1
Gi1_4061901_x3.....ggUguaguauaacggcuag..... 1
Gi3_27906098_x3.....uucgauuUccggcgccgga..... 1
Gi5_8653427_x3.....uucucaccaCcagauccggguu..... 1
Gi5_8690372_x3.....uccggcguaguauaacggcuaC..... 1
Gi2_10735141_x3.....uccggcguaguaCaacggcuagaau..... 1
Gi3_27812366_x3.....gguucgauucGcggcgccggag..... 1
Gi2_10794754_x3.....gguucAauuccggcgccg..... 1
Gi5_8694299_x3.....ugguucucaccaacagaAccg..... 1
G1a_5840212_x3.....gguucgGuuccggcgcc..... 1
Gi3_27969116_x3.....Aguucucaccaacagaucc..... 1
Gi3_27849311_x3.....guucgauuccggcgccggagG..... 1
Gi3_27913643_x3.....agauccggguucgUuucc..... 1
Gi2_10759411_x3.....uccggcguaguauaacggcuCg..... 1
Gi3_27949205_x3.....guucgauAcccggcgccg..... 1
Gi3_27935387_x3.....Cauuccggcgccggagc..... 1
Gi5_8702807_x3.....uucucCcccaacagauccg..... 1
Gi5_8678750_x3.....uccggcguCguauaacggcuagaau..... 1
Gi5_8701292_x3.....guucgauucccUgcgcgga..... 1
Gi2_10809373_x3.....uUcggcguaguauaacggcuagaa..... 1
Gi1_4051002_x3.....guucgauuccGggcgccgga..... 1
Gi5_8717162_x3.....Aucaccaacagauccgg..... 1
Gi5_8686973_x3.....uccggcguaguauaaAggc..... 1
Gi1_4082823_x3.....gAuucgauuccggcgccgga..... 1
Gi5_8676110_x3.....ucgauuccNggcgccggag..... 1
Gi1_4075806_x3.....Nuucgauuccggcgccgga..... 1
Gi5_8697452_x3.....gUcguaguauaacggcua..... 1
Gi1_4082253_x3.....guucgauCcccggcgccgga..... 1
Gi3_27900356_x3.....guucucacUcaacagauccgg..... 1
Gi5_8661260_x3.....uccggcguaguaGaacggcuaga..... 1
Gi5_8673704_x3.....gguucgauuccggcgccggagcgCu..... 1
Gi5_8663273_x3.....Uuucgauuccggcgccggagcguucc..... 1
Gi5_8676506_x3.....Acaccaacagauccggguu..... 1
Gi2_10821682_x3.....gguucgauuccUgcgcc..... 1
Gi5_8652935_x3.....guucgauuccAggcgccgga..... 1
Gi2_10803223_x3.....guuGgauuccggcgccgga..... 1
Gi5_8703722_x3.....gguucucaccaacagaGccg..... 1
G1a_5850052_x3.....guucgaCuccggcgccggagc..... 1
Gi1_4087317_x3.....uccggcguaguauaacggUuagaau..... 1
Gi3_27841766_x3.....guucCcacccaacagauccg..... 1
Gi2_10755211_x3.....cGcaacagauccggguuc..... 1
Gi5_8680913_x3.....guucgauuccggUgcggagc..... 1

Gi1_4079256_x3.....uccggcAuaguauaacggcuag..... 1
Gi2_10761703_x3.....guucgauuccggcgGgga..... 1
Gi3_27865328_x3.....ggcguaguauaGcggcuagaau..... 1
Gi2_10773382_x3.....uccggcguaguauaGcggcuagaa..... 1
Gi3_27925592_x3.....uccNgcguaguauaacggcua..... 1
Gi2_10772911_x3.....uccggcguaguauaacggcuG..... 1
Gi3_27798551_x3.....Cgguucucacccaacagauc..... 1
Gi5_8669372_x3.....gguucucacccaacagaAccg..... 1
Gi2_10761202_x3.....gguucgauucUcggcgccgg..... 1
Gi3_27869762_x3.....gauuccgNcgccggagc..... 1
Gi2_10763971_x3.....uccgAcguaguauaacgg..... 1
Gi1_4081536_x3.....Cuucucacccaacagauccgg..... 1
Gi1_4047990_x3.....uucGcacccaacagauccg..... 1
Gi1_4063026_x3.....gAucgauuccggcgccgga..... 1
Gi2_10774735_x3.....uGcucacccaacagauccgg..... 1
Gi1_4048029_x3.....gguucgauuccggcgccggagA..... 1
Gi3_27867647_x3.....Nguucgauuccggcgccggag..... 1
Gi1_4060851_x3.....guucuAacccaacagauccgg..... 1
Gi2_10778767_x3.....gguucgauuccAgggcgccggag..... 1
Gi2_10743808_x3.....Gcgauuccggcgccgga..... 1
Gi5_8705831_x3.....gAucgauuccggcgccgga..... 1
Gi5_8661461_x3.....Auucgauuccggcgccggag..... 1
Gi3_27901448_x3.....ugguucAcacccaacagauccg..... 1
Gi1_4077564_x3.....gguucgGuuccggcgccggagc..... 1
Gi5_8651117_x3.....Gucucacccaacagauccggguuc..... 1
Gi1_4052205_x3.....uucucacccaacagauccgC..... 1
Gi2_10821295_x3.....uccgAcguaguauaacggcua..... 1
Gi3_27896120_x3.....uucgauuccUggcgccgga..... 1
Gi1_4059540_x3.....gguucAauuccggcgccg..... 1
Gi3_27887174_x3.....uucucacccaacagCuccg..... 1
Gi5_8714924_x3.....uccggcguaguauGacggc..... 1
Gi3_27964262_x3.....gguucgauuccggcgccgUa..... 1
Gi5_8712719_x3.....uucucacAcaacagauccgg..... 1
Gi4_550752_x3.....ggGucgauuccggcgccgg..... 1
Gi1_4078809_x3.....gguucgauuccggcgccggagcCuu..... 1
Gi5_8656268_x3.....guGcgauuccggcgccggagc..... 1
Gi2_10744741_x3.....uccggAguaguauaacggc..... 1
Gi1_4077060_x3.....uucucacccaacUgauccgg..... 1
Gi1_4058412_x3.....ucucacccaacGgauccg..... 1
Gi5_8655893_x3.....guucCauuccggcgccg..... 1
Gi1_4075257_x3.....ucucacccaacagauccA..... 1
Gi1_4073733_x3.....uuUgauuccggcgccggagc..... 1
Gi2_10804873_x3.....gguucgauuccggcgAcgg..... 1
Gi2_10822213_x3.....cgauuccNcgccggagcguuu..... 1
Gi2_10815952_x3.....gguucucacAcaacagauccg..... 1
Gi5_8661392_x3.....uccgUcguaguauaacggc..... 1
Gi3_27926360_x3.....Aucgauuccggcgccggagc..... 1

Gi5_8664269_x3.....gguucgauuccUggcgccggag..... 1
Gi5_8697125_x3.....gguucgauucccgUcgccggagc..... 1
Gi5_8682884_x3.....uccggcguaguauaacggcuGgaau.....cagauccgggCucgauucccgccggc..... 1
Gi1_4057188_x3.....uccggcguaguauaacggcuGgaau.....gguucGcacccaacagauccg..... 1
Gi5_8693645_x3.....gguucGcacccaacagauccg.....ggAucgauucccgccggag..... 1
Gi5_8658503_x3.....ggAucgauucccgccggag.....gguuGucacccaacagauccg..... 1
Gi3_27878051_x3.....gguuGucacccaacagauccg.....guuUgauucccgccggc..... 1
Gi1_4085529_x3.....guuUgauucccgccggc.....Accggcguaguauaacggcuaga..... 1
Gi1_4064415_x3.....Accggcguaguauaacggcuaga.....gguucucaccaGcagauccg..... 1
Gi1_4073493_x3.....gguucucaccaGcagauccg.....Ucggcguaguauaacggcua..... 1
Gi3_27823253_x3.....Ucggcguaguauaacggcua.....Acggcguaguauaacggc..... 1
Gi3_27963113_x3.....Acggcguaguauaacggc.....gguucGcacccaacagauccg..... 1
Gi1_4051395_x3.....gguucGcacccaacagauccg.....ugUuucucaccaacagauc..... 1
Gi3_27829607_x3.....ugUuucucaccaacagauc.....cggcguaguauaacggcuagaGu..... 1
Gi5_8674208_x3.....cggcguaguauaacggcuagaGu.....gguucgauuccUgcgccggagc..... 1
Gi3_27954134_x3.....gguucgauuccUgcgccggagc.....gguucgaCucccgccggagc..... 1
Gi1_4048995_x3.....gguucgaCucccgccggagc.....cgauucccgccggagcCu..... 1
Gi5_8658599_x3.....cgauucccgccggagcCu.....uccggcAuaguauaacggc..... 1
Gi2_10729030_x3.....uccggcAuaguauaacggc.....Gccggcguaguauaacggcuag..... 1
Gi4_549306_x3.....Gccggcguaguauaacggcuag.....gguucgCuucccgccggagc..... 1
Gi5_8688299_x3.....gguucgCuucccgccggagc.....uucgaCucccgccggagc..... 1
Gi2_10762363_x3.....uucgaCucccgccggagc.....gguucgauuccUcggcgccgga..... 1
Gi5_8688164_x3.....gguucgauuccUcggcgccgga.....uccgAcguaguauaacggcuag..... 1
Gi3_27906479_x3.....uccgAcguaguauaacggcuag.....uccggcguaguUuaacggc..... 1
Gi2_10817479_x3.....uccggcguaguUuaacggc.....Accggcguaguauaacggcua..... 1
Gi1_4080930_x3.....Accggcguaguauaacggcua.....ucUauucccgccggagc..... 1
Gi5_8714339_x3.....ucUauucccgccggagc.....gguucgauucccgccgcU..... 1
Gi5_8716610_x3.....gguucgauucccgccgcU.....Cccggcguaguauaacggcuagaa..... 1
Gi2_10752562_x3.....Cccggcguaguauaacggcuagaa.....uucucacccUacagauccg..... 1
Gi3_27927506_x3.....uucucacccUacagauccg.....ugguucucaccaCcagauccg..... 1
Gi2_10792870_x3.....ugguucucaccaCcagauccg.....aUauccggguucgauucccgccggag..... 1
Gi3_27828017_x3.....aUauccggguucgauucccgccggag.....uAcggcguaguauaacggc..... 1
Gi3_27893051_x3.....uAcggcguaguauaacggc.....Aucucaccaacagauccg..... 1
Gi1_4074498_x3.....Aucucaccaacagauccg.....gguucgauucccgccggCgc..... 1
G1a_5854144_x3.....gguucgauucccgccggCgc.....gguucgauucccgccCga..... 1
Gi5_8652497_x3.....gguucgauucccgccCga.....ucucaccaacagauccg..... 1
Gi4_549507_x3.....ucucaccaacagauccg.....guuNgauucccgccggag..... 1
Gi3_27834023_x3.....guuNgauucccgccggag.....cggcguaguauaacggcuCga..... 1
Gi5_8692295_x3.....cggcguaguauaacggcuCga.....Acgauucccgccggag..... 1
Gi3_27846707_x3.....Acgauucccgccggag.....gguucgauucccgccggUagc..... 1
Gi2_10804204_x3.....gguucgauucccgccggUagc.....gguucgauuccAgcggag..... 1
Gi2_10823227_x3.....gguucgauuccAgcggag.....uccggcguaguauaacggcua..... 1
Gi1_4064631_x3.....uccggcguaguauaacggcua.....ugUuucucaccaacagauccg..... 1
Gi5_8654009_x3.....ccggcguaguauaacggcua.....ugUuucucaccaacagauccg..... 1
Gi1_4075866_x3.....ugUuucucaccaacagauccg.....uccggcguaguauaacggcua..... 1
Gi3_27939362_x3.....uccggcguaguauaacggcua.....ugguucucaccaacagauccggc..... 1
Gi5_8659568_x3.....ugguucucaccaacagauccggc.....

Gi5_8688872_x3.....Gggcgguaguauaacggcuag..... 1
 Gi5_8711072_x3.....ucAggcgguaguauaacggcua..... 1
 Gi2_10801753_x3.....uccggcgguaguauaacggcuagaGu..... 1
 Gi1_4057344_x3.....uccggcgguUguauaacggcuag..... 1
 Gi3_27830687_x3.....gguucgauucccCgcccggga..... 1
 Gi3_27824288_x3.....uccggcgguagAauaacggcua..... 1
 Gi1_4056021_x3.....ucAggcgguaguauaacgg..... 1
 Gi5_8675369_x3.....Gcgauucccgggcgccgga..... 1
 Gi2_10746955_x3.....guucgaGucccgggcgccgga..... 1
 Gi1_4089102_x3.....ugguucuUacccaacagauccg..... 1
 Gi1_4087377_x3.....gAuucgauucccgggcgccggagc..... 1
 Gi5_8652335_x3.....ccggcguaNuauaacggcuaga..... 1
 Gi2_10788475_x3.....ucgauucccgggcgccAgagc..... 1
 Gi1_4079901_x3.....ggAucgauucccgggcgccggagc..... 1
 Gi2_10780225_x3.....Aauucccgggcgccggagc..... 1
 Gi3_27888362_x3.....gguucgauucccgCcgccgg..... 1
 Gi5_8700176_x3.....ggCucucacccaacagauccgg..... 1
 Gi1_4077450_x3.....uucucacccaacagauccgU..... 1
 Gi3_27818648_x3.....ucAggcgguaguauaacggc..... 1
 Gi3_27887441_x3.....cucacccGacagauccgg..... 1
 Gi1_4048947_x3.....cuUacccaacagauccgg..... 1
 Gi3_27931829_x3.....ucgauuUccggcgccggag..... 1
 Gi3_27818801_x3.....guucgauuccAgggcgccg..... 1
 Gi5_8657486_x3.....uucucacccaacagaCccgg..... 1
 Gi1_4072857_x3.....guucgauucccgggcgccgCa..... 1
 Gi1_4060656_x3.....uccggcgguaguCuaacggc..... 1
 Gi3_27899402_x3.....Aguucucacccaacagauccgggu..... 1
 Gl1_5853448_x3.....uGcucacccaacagauccgg..... 1
 Gi1_4067886_x3.....auccggguucgauuccAgggcgccg..... 1
 Gi2_10761232_x3.....uccggcgguaguauaacggUua..... 1
 Gi3_27805868_x3.....guuUucacccaacagauccgg..... 1
 Gi5_8683721_x3.....cggcgguGguauaacggcua..... 1
 Gi5_8675003_x3.....ugUuucucacccaacagauccg..... 1
 Gi2_10784119_x3.....gguAcgauucccgggcgccg..... 1
 Gi5_8683466_x3.....uccggcgguUguauaacggc..... 1
 Gi3_27894176_x3.....uccNgcguaguauaacggcuag..... 1
 Gi2_10744147_x3.....uccggcguaAuauaacggcua..... 1
 Gi2_10799182_x3.....uccggcgguaguauaacggcuagCa..... 1
 Gi2_10730764_x3.....uCcgauucccgggcgccgg..... 1
 Gi2_10822264_x3.....guucucacccaaAagauccg..... 1
 Gi3_27859577_x3.....uccggguucgauucccgggcgccgAa..... 1
 Gi2_10741264_x3.....uccggcgguagAauaacggcuag..... 1
 Gi5_8686355_x3.....aacagauccggguucgauucccgggcgccggagc..... 0
 Gi3_27937088_x3.....Nuucgauucccgggcgccggagc..... 1
 Gi3_27869522_x3.....guucgauucccgCcgccgg..... 1
 Gi3_27914537_x3.....guucgauucccUgcccggga..... 1
 Gi2_10725721_x3.....uccggcgguaguauaacggcuUgaau..... 1

Gi3_27890375_x3.....cggguucgauucccggcgccgC..... 1
Gi1_4061523_x3.....ccggcguGguauaacggcua..... 1
Gi2_10769530_x3.....uccggcguaguaGaacggc..... 1
Gi2_10824511_x3.....uggCucucacccaacagauccg..... 1
Gi1_4069074_x3.....uccggcguaguauaaacggGuagaa..... 1
G1a_5825536_x3.....uccggcguaguGuaacggcuaga..... 1
Gi5_8655605_x3.....guucgauucccggcgccAga..... 1
Gi2_10792609_x3.....uccggcguaguauaaacggcAa..... 1
Gi2_10744057_x3.....Gucucacccaacagauccggguucg..... 1
Gi3_27813704_x3.....uccgggCucgauucccggcgccgga..... 1
Gi2_10811659_x3.....gguucgauucccggcgcGc..... 1
Gi3_27911900_x3.....guucCauucccggcgccgga..... 1
Gi5_8657915_x3.....gguucgauucccUgcgccg..... 1
Gi3_27890729_x3.....uccggcguaguauaaaAggc..... 1
Gi5_8670206_x3.....gUcguaguauaaacggcuagaa..... 1
Gi1_4051707_x3.....ucUggcguaguauaaacggcuagaa..... 1
Gi3_27912119_x3.....aacagauccggguucgauucccggcgccggagcC..... 1
Gi2_10730029_x3.....gguucucacccaacagGuccg..... 1
Gi5_8715050_x3.....guucucacccaacagaCccgg..... 1
Gi2_10816714_x3.....gguucucaccccUacagauccg..... 1
Gi2_10783849_x3.....uccggcguCguauaacggcuagaa..... 1
Gi5_8705318_x3.....Acucacccaacagauccg..... 1
Gi1_4079502_x3.....uucgaCucccggcgccgg..... 1
Gi1_4074957_x3.....guucgauucccCgcgccgga..... 1
Gi2_10799380_x3.....uccggcguAuaaacggc..... 1
Gi1_4080300_x3.....gguuAgauucccggcgccgg..... 1
Gi3_27944972_x3.....ucUauucccggcgccggagc..... 1
Gi5_8715332_x3.....ucucacccaacagGuccg..... 1
Gi1_4074180_x3.....ucAcacccaacagauccg..... 1
Gi1_4051380_x3.....uccggcguaguauaaacggcuagCa..... 1
Gi5_8664656_x3.....ucucacccNacagauccg..... 1
Gi3_27883871_x3.....uucgauucccggcgccggagcgA..... 1
Gi1_4060719_x3.....gguucgauucAcgggcgccg..... 1
Gi3_27818741_x3.....guucgUuucccggcgccggagc..... 1
Gi4_551673_x3.....uccggcguaguauaaacggcua..... 0
Gi5_8715074_x3.....uccggcguaguUuaacgg..... 1
Gi5_8678831_x3.....gguucgaAuucccggcgccg..... 1
Gi3_27937673_x3.....Uauccggguucgauucccggcgccgga..... 1
Gi2_10743196_x3.....guucgauCcccgggcgccggag..... 1
Gi3_27829070_x3.....gguucgauucccggcUccggag..... 1
Gi1_4056942_x3.....guucucacccaacagCuccg..... 1
Gi5_8652134_x3.....uccggcgAaguaaacggcuag..... 1
Gi5_8672081_x3.....ugguucucacAcaacagauccg..... 1
Gi5_8658845_x3.....gguucgauuccUggcgcc..... 1
Gi2_10783381_x3.....uccggcguagAuaaacgg..... 1
Gi3_27877406_x3.....guucucacccaacagauUcg..... 1
Gi5_8656658_x3.....gguNcgauucccggcgccggagc..... 1

Gi3_27842411_x3.....gguucgauuccGggcgccgg.....1
Gi1_4063806_x3.....gguucAcacccaacagauccg.....1
Gi3_27975029_x3.....gUuuccggcgccggagc.....1
Gi5_8695475_x3.....uccggcguagGauaacggcuaga.....1
Gi2_10791622_x3.....gguuAgauuccggcgccggag.....1
Gi2_10776085_x3.....gguucUauuccggcgcc.....1
Gi5_8683430_x3.....uccggcguaguauaacggcuaAaau.....1
Gi3_27849674_x3.....gguucgauuGccggcgccgg.....1
Gi2_10740964_x3.....gguucucacccaacagauAcg.....1
Gi2_10804822_x3.....uccggcguaguauGacggcuagaau.....1
Gi1_4057752_x3.....gguucgaCuccggcgccgga.....1
Gi3_27967724_x3.....ucUauuccggcgccgga.....1
Gi3_27804551_x3.....gguucgauuccggGgccg.....1
Gi3_27871745_x3.....uccggcguaguauaacCgcuagaau.....1
Gi2_10748152_x3.....Gucgauuccggcgccggag.....1
Gi1_4060890_x3.....uccggcguCguauaacggcuag.....1
Gi3_27797651_x3.....ugguucucNcccaacagauccgg.....1
Gi5_8667416_x3.....uucucacccaacUgauccg.....1
Gi1_4085451_x3.....uucucaAcacaacagauccg.....1
Gi5_8669648_x3.....guucgauuccggcgccUgagc.....1
Gi2_10816255_x3.....cccaacagaCccggguuc.....1
Gi3_27877115_x3.....Nuucgauuccggcgccggag.....1
Gi5_8667383_x3.....uccggcgGaguauaacggcuaga.....1
Gi4_544908_x3.....gguucgauNccggcgccgg.....1
Gi5_8703620_x3.....ucucacccaacagauUg.....1
Gi1_4065948_x3.....gguCcgauuccggcgccg.....1
Gi5_8691035_x3.....gCuucucacccaacagauccgg.....1
Gi3_27832424_x3.....ugguucucacccaacGgauccgg.....1
Gi3_27893261_x3.....guucgauuAccggcgccggag.....1
Gi5_8666495_x3.....ucacccaGcagauccggguu.....1
Gi2_10781692_x3.....guucgauucUcggcgccggag.....1
Gi3_27961436_x3.....uucucaccUaacagauccg.....1
Gi3_27944390_x3.....uccggcguCuauaacggcuaga.....1
Gi5_8673065_x3.....ucgauuccggcgccggagcCu.....1
Gi2_10765033_x3.....uucucacccaacagauAcg.....1
Gi2_10783159_x3.....guucgauuccGggcgccgg.....1
Gi2_10756783_x3.....gguucgauAccggcgcc.....1
Gi3_27911471_x3.....gUguucgauuccggcgccggagc.....1
G1a_5853619_x3.....uUcggcguaguauaacggcuaga.....1
Gi3_27925910_x3.....cgauuccUggcgccggagc.....1
Gi1_4055982_x3.....uccggcguagCauaacggcuaga.....1
Gi5_8712632_x3.....guuNgauuccggcgccgg.....1
Gi2_10746802_x3.....gAuucgauuccggcgccgga.....1
Gi2_10783765_x3.....guucgauuccggcgccgU.....1
Gi1_4063098_x3.....gguucgauuccGggcgccgg.....1
Gi1_4064547_x3.....uccgCcguguauaacgg.....1
Gi2_10773238_x3.....uccggcguaguauaacggUuagaau.....1

Gi3_27884855_x3.....uucgauUccggcgccggagc..... 1
 Gi5_8681225_x3.....ggcguaguNuaacggcuag..... 1
 Gi3_27816380_x3.....Nccggcguaguuaacggcuaga..... 1
 Gi1_4064877_x3.....ugguucucaccAaacagauccgg..... 1
 Gi1_4088190_x3.....gguucgauucUcggcgccgga..... 1
 Gi1_4053543_x3.....uUcggcguaguuaacggc..... 1
 Gi2_10800736_x3.....gguucCauucccgcgccggag..... 1
 Gi5_8653847_x3.....uCcgauucccgcgccgg..... 1
 Gi3_27859106_x3.....Ucguaguuaacggcuaga..... 1
 Gi1_4052016_x3.....uccggcguaguuaacgAcua..... 1
 Gi1_4059102_x3.....uccggcguaguuaaUgg..... 1
 Gi2_10788433_x3.....ggAucucacccaacagauccg..... 1
 Gi5_8699177_x3.....guuNucacccaacagauccg..... 1
 Gi5_8663876_x3.....uucuUacccaacagauccg..... 1
 Gi3_27948005_x3.....gguucgauucccgGgccggagc..... 1
 Gi2_10814320_x3.....uccggcguaguCuaacggcuagaa..... 1
 Gi2_10811437_x3.....gguucgauucAcggcgccg..... 1
 Gi3_27940733_x3.....gguuAgauucccgcgcc..... 1
 Gi5_8706995_x3.....gguucgauucccgcgcA..... 1
 Gi1_4073718_x3.....gguucgauUccggcgccggagc..... 1
 Gi3_27864263_x3.....gguucgauucccgcgccU..... 1
 Gi2_10779472_x3.....gguucgauucccgcgcAg..... 1
 Gi1a_5858230_x3.....gGucgauucccgcgccgg..... 1
 Gi5_8669591_x3.....gguucgauucccgAgccgg..... 1
 Gi3_27959249_x3.....gguucucacccUacagauccg..... 1
 Gi2_10730596_x3.....gguucgauucccgcgccC..... 1
 Gi3_27949622_x3.....uccggcguaguuaacggcuCaau..... 1
 Gi5_8706638_x3.....uccggcUuaguuaacgg..... 1
 Gi1_4064754_x3.....uccgCcgaguuaaacggcuaga..... 1
 Gi5_8689247_x3.....Aguucucacccaacagauccgggu..... 1
 Gi2_10760845_x3.....uucucacccaUcagauccg..... 1
 Gi3_27905309_x3.....cagauccgNguucgauucc..... 1
 Gi4_551532_x3.....uucucacccaacagauccg..... 0
 Gi3_27922640_x3.....ucgauucccgUgccgga..... 1
 Gi1_4082856_x3.....ccggcguaNuaaacggcuag..... 1
 Gi3_27945524_x3.....guucucacccaacagauccA..... 1
 Gi5_8677196_x3.....ucucacccaacagGuccgggu..... 1
 Gi2_10790146_x3.....gguucgauucccgcgccgAa..... 1
 Gi3_27920717_x3.....ggAucucacccaacagaucc..... 1
 Gi5_8694740_x3.....uucucacccaacagauccA..... 1
 Gi5_8706569_x3.....guucucacccaGcagauccg..... 1
 Gi5_8659796_x3.....uucucacccaacagauccUgg..... 1
 Gi1_4064262_x3.....uccggcguaguuaacggcuGgaa..... 1
 Gi2_10762984_x3.....guucucGcccaacagauccg..... 1
 Gi3_27823085_x3.....uucucacAaacagauccg..... 1
 Gi4_548499_x3.....gguucgauucccgcgcc..... 0
 Gi3_27917921_x3.....ggguucgauucccgcgccgg..... 0

Gi3_27822023_x3.....auUcggguucgauucccgcgccgga..... 1
Gi5_8702387_x3.....cucaccaacagaucUgg..... 1
Gi1_4077123_x3.....gguucucacAcaacagauccg..... 1
G1a_5837905_x3.....uccggcguGguauaacggc..... 1
Gi1_4054572_x3.....ucucacccGacagauccgg..... 1
Gi2_10794589_x3.....ucgauucccgcgccgAagc..... 1
Gi5_8657960_x3.....uccggcguaguauaacgCc..... 1
Gi3_27911921_x3.....gguucgauGcccggcgccg..... 1
Gi1_4057098_x3.....uccggcguaguauaacggAuag..... 1
Gi3_27978362_x3.....uccggcguaguauaacCg..... 1
Gi5_8691923_x3.....uccggcguagGauaacggcuag..... 1
Gi2_10783561_x3.....uucucacccCacagauccg..... 1
Gi3_27827708_x3.....guucgUuucccgcgccgg..... 1
Gi1_4085040_x3.....ccggcguaguauaacggcCaga..... 1
Gi2_10797733_x3.....gAuucucacccaacagauccg..... 1
Gi5_8701349_x3.....uccggcguaguauaacggcAagaau..... 1
Gi2_10779721_x3.....uucuUaccaacagauccg..... 1
Gi3_27828476_x3.....Auucucacccaacagauccgg..... 1
Gi3_27955472_x3.....uAcucacccaacagauccgg..... 1
Gi3_27905579_x3.....uccggcguCguauaacggcuagaa..... 1
Gi5_8708984_x3.....Ccgauucccgcgccggagc..... 1
Gi3_27947888_x3.....gguucgauucccgCcgccg..... 1
Gi2_10799161_x3.....uccggcgAaguauaacgg..... 1
G1a_5853931_x3.....guucgGuucccgcgccggagc..... 1
Gi5_8669315_x3.....cccaacagauccggguCc..... 1
Gi5_8703035_x3.....uccggcAuaguauaacggcua..... 1
G1a_5843290_x3.....uccgUcguaguauaacggcuag..... 1
Gi3_27849536_x3.....uccggcguGguauaacggcu..... 1
Gi1_4080075_x3.....uucucCcccaacagauccg..... 1
Gi1_4077459_x3.....ucAggcguaguauaacggcuag..... 1
Gi5_8683811_x3.....gCuucgauucccgcgcc..... 1
Gi2_10751776_x3.....guucgauucccgcgccggU..... 1
Gi2_10786429_x3.....uGgauucccgcgccggag..... 1
Gi2_10790641_x3.....gguucgauUccggcgccg..... 1
Gi3_27845336_x3.....cucaccaacagGuccgg..... 1
Gi5_8667017_x3.....gguucucacccaaUagauccg..... 1
Gi5_8692985_x3.....uccggcguaguauaacggcuaCaau..... 1
Gi5_8671748_x3.....uAcucacccaacagauccg..... 1
Gi3_27876740_x3.....gguAgauucccgcgccgga..... 1
Gi3_27881726_x3.....gguucgauucccgUcgccggag..... 1
Gi1_4071663_x3.....gguucgauucccgcgccUgga..... 1
G1a_5875426_x3.....gguCcgauucccgcgccgg..... 1
Gi5_8692454_x3.....gguucgauucccgUgccggag..... 1
Gi3_27841136_x3.....ggUguaguauaacggcua..... 1
Gi3_27837659_x3.....gguucucacccaacagauAcgg..... 1
Gi1_4078875_x3.....guucucacccaaAagaucgg..... 1
Gi5_8709635_x3.....ugguucucacccaacagGuccg..... 1

Gi5_8673644_x3.....gguucgauucccgcgAggag..... 1
 Gi2_10813018_x3.....ccUaacagauccggguuc..... 1
 Gi1_4073901_x3.....uUgauucccgcgccggagc..... 1
 Gi2_10784854_x3.....gguucgauAcccgcgccg..... 1
 Gi2_10822495_x3.....uccggcguaguaGaacggcua..... 1
 Gi1_4060665_x3.....uccggcguCguauaacgg..... 1
 Gi3_27909551_x3.....uucgauuccUggcgccggagc..... 1
 Gi1_4057173_x3.....uccggcguaguaaCcgguaga..... 1
 Gi5_8667827_x3.....ucucaccaacagauccggG..... 1
 Gi5_8689922_x3.....uccggcguagAuaaacggcuagaau..... 1
 Gi2_10750684_x3.....gguucgauucccgAgccgga..... 1
 G1a_5829127_x3.....ucucaccaacagGuccg..... 1
 Gi5_8671859_x3.....uccggcguUuauaacggcuag..... 1
 Gi3_27978749_x3.....uccggcAuaguauaacggcuag..... 1
 Gi3_27930038_x3.....gguucuaUccaacagauccg..... 1
 Gi2_10759366_x3.....gGucucaccaacagauccg..... 1
 Gi3_27805592_x3.....ucNggcguaguauaaacggcua..... 1
 Gi1_4074720_x3.....auccggguucgauucccgcgccAg..... 1
 Gi3_27796832_x3.....guucucaccaacagGuccggg..... 1
 Gi5_8672801_x3.....gguucgauucccgAcgccgg..... 1
 Gi2_10744978_x3.....uccggcguaguCuaaacggcuag..... 1
 Gi2_10803289_x3.....gguucgauucAcggcgccg..... 1
 Gi3_27870452_x3.....gguucgauucccgcgU..... 1
 Gi3_27892118_x3.....guuNgauucccgcgccgg..... 1
 Gi3_27857555_x3.....uccggcguUguauaacggcuag..... 1
 Gi5_8698340_x3.....gguucgauucccgcgccCg..... 1
 Gi1_4088958_x3.....guucuaUccaacagauccg..... 1
 Gi3_27963530_x3.....gguucgauucccgcgCA..... 1
 Gi3_27838577_x3.....uucccgcgccggagcCu..... 1
 Gi5_8685113_x3.....guucgauucccgcgccggaAc..... 1
 Gi1_4065225_x3.....uccggcguaguauaaacggcuUgaa..... 1
 Gi5_8693198_x3.....Agcguaguauaaacggcuaga..... 1
 Gi1_4075113_x3.....caccaacagauccggGucgauucc..... 1
 Gi3_27974477_x3.....gguuUucaccaacagauccg..... 1
 G1a_5874976_x3.....uccggcguaguauaaUggcuag..... 1
 Gi1_4071303_x3.....cucaccaacagauUgg..... 1
 Gi2_10776658_x3.....uGguucucaccaacagauccg..... 1
 Gi5_8699609_x3.....ucgauucccgAcgccgga..... 1
 Gi5_8692604_x3.....cucUcccaacagauccg..... 1
 Gi2_10736971_x3.....gguucgauucccgcgccgC..... 1
 Gi5_8661995_x3.....guucucaccaaGagauccg..... 1
 Gi3_27839147_x3.....ccggcguaguauaaacggcCaga..... 1
 Gi1_4076667_x3.....gguucgauucccgAgccg..... 1
 Gi2_10798258_x3.....gguucgauucccgcgGcg..... 1
 Gi2_10759840_x3.....ucUauucccgcgccggagc..... 1
 Gi1_4077711_x3.....gguucucCcccaacagauccg..... 1
 Gi2_10776802_x3.....guucgauucccgAgccgga..... 1

Gi1_4054593_x3.....cucacccGacagauccgg..... 1
Gi3_27798860_x3.....uucucacccaacagauccgg..... 1
Gi1_4077942_x3.....uccggcguaguauUaccggcuaga..... 1
Gi3_27836138_x3.....uucucacccaauUagauccgg..... 1
G1a_5836006_x3.....gguucgauucccggcAccggagc..... 1
Gi3_27970415_x3.....uGcggguucgauucccggcgccgga..... 1
Gi1_4065504_x3.....guucAauucccggcgccg..... 1
Gi5_8711294_x3.....gguucgauucccggcgccAgag..... 1
Gi3_27844193_x3.....ugguucucacccaacagCuccg..... 1
Gi2_10767859_x3.....Nguucgauucccggcgccgagc..... 1
Gi5_8665940_x3.....Gcucacccaacagauccgggu..... 1
Gi3_27875945_x3.....agauccggguCcgauucc..... 1
Gi3_27960362_x3.....uccgCcgaguauaacgg..... 1
Gi3_27905078_x3.....guucucacccUacagauccg..... 1
Gi5_8672123_x3.....gguucgauucccggcgccg..... 1
Gi5_8675351_x3.....gguucgauucccggcgccgga..... 1
Gi5_8655155_x3.....uccggcguaguauaacUgcua..... 1
Gi2_10796617_x3.....guucgauucccggcgccGgg..... 1
Gi5_8680883_x3.....ggcgCaguauaacggcuag..... 1
G1a_5855329_x3.....Aguucgauucccggcgccg..... 1
Gi3_27960371_x3.....guucucGcccaacagauccg..... 1
G1a_5872276_x3.....gguucgaCucccggcgccgagc..... 1
Gi1_4073049_x3.....uucucacccaacaAauccg..... 1
Gi3_27813977_x3.....ucgaCucccggcgccgga..... 1
Gi3_27821294_x3.....uAccggcguaguauaacggcuag..... 1
Gi1_4069920_x3.....guucucacUcaacagauccg..... 1
Gi3_27936176_x3.....gauucccggcAccggagc..... 1
Gi2_10795600_x3.....gguucgauucccggcgccUgag..... 1
Gi1_4065120_x3.....ucucacccNacagauccg..... 1
Gi2_10745017_x3.....gguucgauucccggcgccCgag..... 1
Gi3_27978053_x3.....ccggcguaNuauaacggcuaga..... 1
Gi1_4049865_x3.....uucucacccaacUgaucg..... 1
Gi1_4058406_x3.....guucucacccUacagauccg..... 1
Gi2_10754875_x3.....uccAgcguaguauaacggc..... 1
Gi1_4075299_x3.....gAucucacccaacagauccg..... 1
Gi1_4083678_x3.....uGcggcguaguauaacggcuagaa..... 1
Gi2_10779790_x3.....gguucgauucccggcCccggag..... 1
Gi3_27970070_x3.....uucucacUcaacagauccg..... 1
Gi2_10811863_x3.....uucucacAcaacagauccg..... 1
Gi1_4057449_x3.....gguucgauucccggcgccAgagc..... 1
Gi5_8665886_x3.....Nguucucacccaacagauccg..... 1
Gi3_27859094_x3.....guucucGcccaacagauccg..... 1
Gi3_27804281_x3.....ucucacccaacagGuccg..... 1
Gi5_8689874_x3.....ugguucucacccaacagCuccg..... 1
Gi3_27950240_x3.....aGccggguucgauucccggcgccgga..... 1
Gi3_27808544_x3.....guucucacccaacagaucc..... 1
Gi3_27874574_x3.....uccggcguaguauaacggcAag..... 1

Gi3_27933464_x3.....ucgauuccggcgccggagcCu..... 1
 Gi3_27925016_x3.....gguucgauuGccggcgccgga..... 1
 Gi1_4055508_x3.....uccggcguUguauaacggcuagaau.....gguucgauucccgAcgcccgg..... 1
 Gi5_8668376_x3.....uccggcguUguauaacggcuagaau.....gguucgauucccgAcgcccgg..... 1
 Gi3_27893876_x3.....guucucCcccaacagauccg..... 1
 Gl1a_5845960_x3.....gguucgauuccggcgccggagcCu..... 1
 Gi2_10816390_x3.....guuNgauuccggcgccggagc.....gguucgauucccgUgcccga..... 1
 Gi1_4076907_x3.....gguucgauucccgUgcccga..... 1
 Gi1_4085181_x3.....uccggcguaguauGacggcuagaau..... 1
 Gi2_10813858_x3.....ccggcguaguauaacggcuaga..... 0
 Gi3_27827657_x3.....gAucgauuccggcgccg..... 1
 Gi1_4057824_x3.....gguucgauCcccgcgccg..... 1
 Gi5_8660549_x3.....gguucgauuccAggcccgg..... 1
 Gi3_27923198_x3.....uccNgcguaguauaacggc..... 1
 Gi5_8709440_x3.....gguucgauAcccgcgccg..... 1
 Gi5_8669642_x3.....uGcucaccaacagauccggguu..... 1
 Gi3_27826490_x3.....ccggcguaNuauaacggc..... 1
 Gi1_4085742_x3.....gguucUauuccggcgccggagc..... 1
 Gi5_8663858_x3.....gguucgauCcccgcgccgga..... 1
 Gi2_10828222_x3.....gguucgauuccCgcccggga..... 1
 Gi2_10749778_x3.....gguAcgauuccggcgccgga..... 1
 Gi1_4071780_x3.....Cccggcguaguauaacggc..... 1
 Gi5_8700323_x3.....uccUgcguaguauaacggcuaga..... 1
 Gi3_27835121_x3.....uccgauucccgAcgcccggagc..... 1
 Gi5_8682932_x3.....uccggcguaguauaacUgcua..... 1
 Gi2_10791523_x3.....gguucgauuUccggcgccg..... 1
 Gi1_4065267_x3.....uccggcguaguauaacggcAa..... 1
 Gi1_4056513_x3.....uucucaccaacagCuccgg..... 1
 Gi5_8698208_x3.....cucaGccaacagauccgg..... 1
 Gi3_27954461_x3.....gguuAgauuccggcgccg..... 1
 Gi2_10726432_x3.....gguucgauucGccggcgccggagc..... 1
 Gi5_8701718_x3.....Gccggguucgauuccggc..... 1
 Gi3_27958253_x3.....uUgauuccggcgccggag..... 1
 Gi3_27804740_x3.....ugguucucaccaacGgauc..... 1
 Gi2_10795651_x3.....gguucgauuAccggcgccgga..... 1
 Gi3_27860786_x3.....uccggcguaguauaacggcuagaU..... 1
 Gi5_8699711_x3.....uccggcguaguauaacggcuagUau..... 1
 Gl1a_5864050_x3.....Accggcguaguauaacggcuag..... 1
 Gi1_4056333_x3.....gguucgauuccUggcgccg..... 1
 Gi2_10765123_x3.....gguucCauuccggcgccgga..... 1
 Gi3_27913328_x3.....caacagauNcggguucgauucc..... 1
 Gi5_8671412_x3.....ccggguucgauuccggcgccgC..... 1
 Gi5_8694449_x3.....gguucgauuccggcgccCgagc..... 1
 Gi2_10817857_x3.....uccggcgGaguauaacggcuaga..... 1
 Gi3_27821048_x3.....gguucgauucccgUgcccggagc..... 1
 Gi3_27884132_x3.....gguucgauucccgUgcccggagc..... 1
 Gi5_8692274_x3.....uccggcAuaguauaacgg..... 1

Gi5_8713547_x3.....guucgauuGccggcgccgg..... 1
 Gi1_4074489_x3.....uccgAcguaguauaacggcuag..... 1
 Gi5_8691176_x3.....uccggcgAaguauaacgg..... 1
 Gi5_8695913_x3.....gguucgauucccgcgccgCa..... 1
 Gi2_10801846_x3.....guucgaAucccgcgccggagc..... 1
 Gi3_27974735_x3.....ugUuucucacccaacagauccg..... 1
 Gi1_4049922_x3.....ucUggcguaguauaacggcu..... 1
 Gi2_10790677_x3.....guucgauucccgGgccggagc..... 1
 Gi3_28062282_x2.....ucucGcccaacagauccgg..... 1
 Gl1a_5936950_x2.....Cguucgauucccgcgccgga..... 1
 Gi3_27997186_x2.....cagauccggguucgauucUc..... 1
 Gi3_28063086_x2.....ucGggcguaguauaacggcuagaau..... 1
 Gi2_10992029_x2.....uccggcguaguaAaacggcuaga..... 1
 Gi1_4119445_x2.....uucgauuccUggcgccg..... 1
 Gi3_28184974_x2.....uccggcguaguauaaAggcuagaau..... 1
 Gi3_28155778_x2.....Uguccggcguaguauaacggcuaga..... 1
 Gi5_8741079_x2.....ggcguaguauaacggcuGga..... 1
 Gi2_10990005_x2.....gguucgauuccGggcgcc..... 1
 Gi2_10834057_x2.....ugguCucacccaacagaucc..... 1
 Gl1a_5959402_x2.....ggCucgauucccgcgccg..... 1
 Gi1_4135311_x2.....gguucgauNcccgcgcc..... 1
 Gi2_10949289_x2.....uucucaccaaUagaucgg..... 1
 Gi3_28187862_x2.....gguucucacccaUcagaucgg..... 1
 Gi2_10918135_x2.....gguucgauucccgcgUcgg..... 1
 Gi3_28194308_x2.....uccggAguaguauaacggcuagaau..... 1
 Gi1_4134087_x2.....uccggcguaguauCacggcuagaa..... 1
 Gi5_8737139_x2.....gguucgauucccgcgccgCagc..... 1
 Gi5_8780779_x2.....ugguucucacccUacagauccg..... 1
 Gi5_8743865_x2.....Aauucccgcgccggagc..... 1
 Gi2_10944459_x2.....agaauugguNggucucacc..... 1
 Gi5_8718575_x2.....gguucgauucccgcgccggagG..... 1
 Gi2_10952191_x2.....gguucgauucccgcgccCg..... 1
 Gi3_28118842_x2.....gguucucaccaaAgaucgg..... 1
 Gi2_10969409_x2.....guuGgauucccgcgccg..... 1
 Gi1_4132611_x2.....ucgGuucccgcgccggagc..... 1
 Gi5_8823847_x2.....acccaacanauccggguucgauucc..... 1
 Gi5_8752453_x2.....ccUgcguaguauaacggcua..... 1
 Gi2_10953299_x2.....ugguucucacccaacGgaucgg..... 1
 Gl1a_5978784_x2.....uccggcguaguauaacggcuaA..... 1
 Gi3_28172804_x2.....guucucacUcaacagauccgg..... 1
 Gi5_8795541_x2.....Nccggcguaguauaacggcuag..... 1
 Gi5_8752755_x2.....Gcggcguaguauaacggcuag..... 1
 Gi3_28177260_x2.....uucUGacccaacagauccgg..... 1
 Gi2_10844215_x2.....uccggcguagCauaacgg..... 1
 Gi1_4132637_x2.....guucucaccaaUagaucgg..... 1
 Gi2_10922159_x2.....gguucucaUccaacagauccg..... 1
 Gi1_4107931_x2.....uucucaUccaacagauccg..... 1

Gi5_8805879_x2.....uccggcguaguauaaGgg..... 1
 Gi5_8719757_x2.....gguUgauucccggcgccggagcgu..... 1
 Gi1_4124833_x2.....ucucaAccaacagauccg..... 1
 Gi2_10918517_x2.....uucucacccaGcagauccg..... 1
 Gi5_8808217_x2.....gguucgauucccggcgAcggag..... 1
 Gi2_10869777_x2.....guucgauucGcggcgccggagc..... 1
 Gi3_28113092_x2.....uccggcguaguauaacgAcu..... 1
 Gi3_28018856_x2.....guucgaAuuccggcgccgg..... 1
 Gi3_28148246_x2.....uucucacccaUcagauccg..... 1
 Gi3_28134518_x2.....uccggcguaguauaacggAuagaa..... 1
 Gi5_8801251_x2.....uucccggcgccggagcCu..... 1
 Gi3_28130878_x2.....ucGggcguaguauaacggc..... 1
 G1a_5898620_x2.....gguucgauuccUgcgccggagc..... 1
 Gi5_8748173_x2.....guucCcacccaacagauccgg..... 1
 Gi1_4150149_x2.....gguucucacccaacCgauccg..... 1
 Gi1_4143385_x2.....ucGcacccaacagauccg..... 1
 Gi5_8789839_x2.....cggguucgauucccgUgcc..... 1
 Gi1_4147755_x2.....ggUguaguauaacggcua..... 1
 Gi3_28141006_x2.....ggguCcgauuccggcgccg..... 1
 Gi1_4158449_x2.....gguucgauCcccggcgccgga..... 1
 Gi3_28128564_x2.....uucgauucccggcgccggag..... 0
 Gi3_28094734_x2.....ucacccaanNagauccggguuc..... 1
 Gi3_28098530_x2.....cgauucccggcgccggGg..... 1
 Gi2_10905121_x2.....cgauucccgAcgccggagcguuu..... 1
 Gi3_28027990_x2.....cgauucccggcgccAgag..... 1
 Gi2_10835117_x2.....ucgauCcccggcgccggagc..... 1
 Gi2_10901187_x2.....guucucaccccGacagauccg..... 1
 Gi1_4097929_x2.....guucgauucccgAgccgga..... 1
 Gi1_4112899_x2.....ggcguaguauaGcggcuag..... 1
 Gi5_8757139_x2.....ugguucuUacccaacagauccgg..... 1
 Gi5_8753319_x2.....cUggcguaguauaacggcuag..... 1
 Gi5_8767991_x2.....uucuGacccaacagauccg..... 1
 Gi1_4109943_x2.....gguucucacGcaacagauccg..... 1
 Gi2_10926921_x2.....guucgauucccggcgccCga..... 1
 G1a_5911486_x2.....gguucgauucccggcgccggUgc..... 1
 Gi2_10922261_x2.....uccggcgGaguauaacggcua..... 1
 G1a_5920410_x2.....cguaguauaacggcuaga..... 0
 Gi2_10904063_x2.....gauucccgUgcccggagc..... 1
 Gi3_28082596_x2.....ggAucucacccaacagauccgg..... 1
 Gi3_28241752_x2.....cagauccgAguucgauucc..... 1
 Gi2_10830241_x2.....gguucgauucccggcUcccggag..... 1
 Gi1_4121371_x2.....gguucgauucccggcgccAgag..... 1
 Gi3_28048188_x2.....gguucCauuccggcgccgg..... 1
 Gi3_27988624_x2.....gguucucacccaacGgauccgggu..... 1
 Gi3_28220846_x2.....uucucacccaacagauccggguuc..... 1
 Gi1_4147021_x2.....guucgauucccggcgAg..... 1
 Gi1_4135867_x2.....Cguucgauucccggcgccgga..... 1

Gi3_28202388_x2.....uccggcguaguauCacggcuagaa..... 1
 Gl1a_5897486_x2.....uccggcguNguauaacggcuag..... 1
 Gi2_10960141_x2.....uccggcguNguauaacggcuag..... 1
 Gi2_10908019_x2.....uccggcguNguauaacggcuag..... 1
 Gi2_10830341_x2.....uccggcguNguauaacggcuag..... 1
 Gi4_556122_x2.....uccggcguaguGuaacggcu..... 1
 Gi5_8819693_x2.....uccggcguaguGuaacggcu..... 1
 Gi3_28034016_x2.....uccggcguaguGuaacggcu..... 1
 Gi1_4151121_x2.....uccggcguaguGuaacggcu..... 1
 Gi5_8829203_x2.....uccggcguaguGuaacggcuag..... 1
 Gi5_8726993_x2.....uccggcguaguGuaacggcuag..... 1
 Gi3_28141704_x2.....uccggcguaguGuaacggcuag..... 1
 Gi5_8798375_x2.....uccggcguaguGuaacggcuag..... 1
 Gl1a_5953700_x2.....uccggcguaguGuaacggcuag..... 1
 Gi5_8774249_x2.....uccggcguaguGuaacggcuag..... 1
 Gi5_8721603_x2.....uccggcguaguGuaacggcuag..... 1
 Gi5_8817405_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi3_28210346_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi3_28133342_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8744545_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi3_28046310_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi3_28028268_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi3_28210084_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi1_4145445_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi1_4125299_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi1_4148397_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8800855_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi1_4136671_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi2_10854593_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8816703_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8789587_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8772157_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi2_10922609_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8738045_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi2_10853421_x2.....uccggcguaguauaacggcuagaaG..... 0
 Gl1a_5977690_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8788193_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi1_4134717_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8761219_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8748009_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gl1a_5889500_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi2_10842717_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi5_8802831_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi3_28038906_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi1_4129393_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi2_10968989_x2.....uccggcguaguauaacggcuagaaG..... 1
 Gi1_4145687_x2.....uccggcguaguauaacggcuagaaG..... 1

Gi5_8769155_x2.....gguucucanccaacagauc..... 1
Gi4_555552_x2.....Uuucgauucccgcgccg..... 1
Gi1_4113121_x2.....uccggcUuaguauaacggcuag..... 1
Gi3_28251356_x2.....cgauCcccggcgccggagc..... 1
Gi5_8783157_x2.....ugguucCcacccaacagauccgg..... 1
Gi3_28096924_x2.....guucgauucAcggcgccg..... 1
G1a_5909814_x2.....gguucgauucccgcgccggc..... 1
Gi3_27995030_x2.....gauuccggcgccgUagc..... 1
Gi5_8741773_x2.....uucgauucccgcgccggagc..... 0
Gi3_28057976_x2.....aucUgguucgauucccgcgccgga..... 1
Gi3_28060622_x2.....Ucggcguaguauaacggc..... 1
Gi1_4125845_x2.....uccggcguauauaacggcua..... 1
Gi1_4143625_x2.....ugguucucacccaaAagaucgg..... 1
Gi2_10914825_x2.....uUgauuccggcgccggag..... 1
Gi2_10983297_x2.....cggcguaguauaacggcuag..... 0
Gi3_28024186_x2.....gguucgauuccUgcgccgg..... 1
Gi1_4110413_x2.....uccggcguCguauaacggcuaga..... 1
Gi2_10846363_x2.....uccggcguaguauaacggAuagaau..... 1
Gi1_4138575_x2.....guucgauucAcggcgccgga..... 1
Gi2_10981085_x2.....guucgauuccggcgccUg..... 1
Gi5_8743365_x2.....ucCcacccaacagauccgg..... 1
Gi1_4148939_x2.....guCcgauuccggcgccgga..... 1
Gi3_28056430_x2.....uucAcacccaacagauccg..... 1
Gi3_27993528_x2.....gguucucacccaacGgaucgg..... 1
Gi5_8795831_x2.....gggCucgauuccggcgccggag..... 1
Gi3_28253028_x2.....ugguucucacccaacagCuccg..... 1
Gi2_10927783_x2.....gguucgauuAccggcgccggag..... 1
Gi5_8745705_x2.....ucGcacccaacagauccg..... 1
G1a_5900774_x2.....ugguucucCcccaacagauccg..... 1
Gi1_4115131_x2.....ggGucucacccaacagaucc..... 1
Gi3_28036522_x2.....guucgauucAcggcgccggag..... 1
Gi3_28083252_x2.....cucacccaCcagauccgg..... 1
Gi1_4106883_x2.....guucgaAuccggcgccgga..... 1
Gi5_8789659_x2.....guucucacccaacagauAcg..... 1
Gi2_10858659_x2.....guGcgauuccggcgccggag..... 1
Gi2_10890015_x2.....guucucacccaCcagauccg..... 1
Gi3_27993486_x2.....uccggcguUguauaacggcuagaa..... 1
Gi2_10918679_x2.....aguccggcguaguauaacAg..... 1
Gi2_10990929_x2.....agauccggguCcgauucc..... 1
Gi2_10913593_x2.....gguucgGuuccggcgcc..... 1
Gi5_8779869_x2.....gUcguaguauaacggcuagaau..... 1
Gi3_28241838_x2.....cGacagauccggguucga..... 1
Gi3_28134604_x2.....uccggcguaguauaacggA..... 1
Gi5_8724307_x2.....gguucgauucccgcgUcggagc..... 1
G1a_5965278_x2.....cagGuuccggguucgauucc..... 1
Gi3_28147408_x2.....guucgauuccggcgccgCag..... 1
Gi2_10871971_x2.....

Gi5_8718507_x2.....guucgauuccggcgccggagA..... 1
 Gi3_28016178_x2.....ccaacagauccggguucgauuccggcgccgga..... 0
 Gi5_8730235_x2.....ucgauuccNggcgccggagc..... 1
 Gi5_8785991_x2.....ccggcguaNuuaaacggcua..... 1
 Gi2_10885075_x2.....ccggcguaquauaacggcCa..... 1
 Gi1_4148309_x2.....caGcagauccggguucgauu..... 1
 Gi3_28068438_x2.....Cgguucucacccaacagauccg..... 1
 Gi1_4092761_x2.....uccggcguagCauaacggcuagaau..... 1
 Gi3_28201030_x2.....cggUguaguauaacggcua..... 1
 Gi2_10842275_x2.....uccggcguaquauaaGggcuaga..... 1
 Gi2_10959413_x2.....uucucacGcaacagauccg..... 1
 Gi5_8823089_x2.....uUcggguucgauuccggc..... 1
 Gi2_10835159_x2.....guucucacNcaacagauccg..... 1
 Gi1_4143387_x2.....gguuGgauuccggcgccg..... 1
 Gi5_8734655_x2.....gguucgauuccggcgccgAag..... 1
 Gi3_28086048_x2.....cgauuccggAgccggagc..... 1
 Gi2_10858823_x2.....guucgauucUcggcgccg..... 1
 Gl1a_5954188_x2.....guucgGuuccggcgccg..... 1
 Gi3_28152912_x2.....gguucgauuccCgcgccggag..... 1
 Gl1a_5915830_x2.....gCucucaccaacagauccg..... 1
 Gi5_8750825_x2.....Ucggcguaquauaacggcua..... 1
 Gi2_10951235_x2.....ucgauuccggcgccggagU..... 1
 Gi3_28128796_x2.....cucaccaacagaCccgg..... 1
 Gi2_10884795_x2.....ucgauuccggcgAcggagc..... 1
 Gi2_10926639_x2.....uccggcguaguGuaacggcu..... 1
 Gi1_4153405_x2.....agauccgggCucgauucc..... 1
 Gi1_4149689_x2.....uccggcguUguauaacggcua..... 1
 Gi3_28241054_x2.....uucgauuccggcgccAga..... 1
 Gi1_4155703_x2.....guucgauUccggcgccgga..... 1
 Gi3_28076800_x2.....caccacaacagauccggguCc..... 1
 Gi1_4126001_x2.....ugguucAcaccaacagauccg..... 1
 Gi1_4147109_x2.....cucaccaacagauccgA..... 1
 Gi5_8765217_x2.....guucgauucccgCcgccg..... 1
 Gi1_4128275_x2.....ucAggcguaguauaacggcua..... 1
 Gi5_8754843_x2.....agUuccggguucgauucc..... 1
 Gi2_10948143_x2.....Cgguucgauuccggcgccggagc..... 1
 Gi4_558418_x2.....gguucgauuccggAgccgg..... 1
 Gi3_28079716_x2.....gguucgauuccggcgccGgg..... 1
 Gi5_8765215_x2.....guuNgauccggcgccg..... 1
 Gi5_8811325_x2.....guucgauuccGggcgccg..... 1
 Gi3_27992666_x2.....guucgauuccggcgccggagcAu..... 1
 Gi1_4129793_x2.....gguucgCuuccggcgccggag..... 1
 Gi5_8744671_x2.....guucgauuccggcgAcgga..... 1
 Gl1a_5882038_x2.....Auucgauuccggcgccggagc..... 1
 Gi1_4101767_x2.....uccggAguaguauaacggc..... 1
 Gl1a_5930724_x2.....ggGucgauuccggcgccggagc..... 1
 Gi2_10905607_x2.....ugguGcucaccaacagauccg..... 1

Gi1a_5954434_x2.....gGucgauucccgcgccggag..... 1
Gi3_28127092_x2.....uccggcguaguauaacggcA..... 1
Gi2_10937331_x2.....ugguucucacccaacagauccC..... 1
Gi2_10888181_x2.....gguucgUuuccggcgccgga..... 1
Gi5_8807415_x2.....ugguucucaccAaacagauccg..... 1
Gi3_28136160_x2.....guucucacccaacGgauccggg..... 1
Gi2_10861727_x2.....uucucacccaCcagauccgg..... 1
Gi5_8764685_x2.....guucgauAcccgggcgccgga..... 1
Gi1_4151535_x2.....uucuUacccaacagauccgg..... 1
Gi3_28224340_x2.....guucucacccaacagauccgC..... 1
Gi5_8804723_x2.....uucucacccaGcagauccgg..... 1
Gi5_8732703_x2.....gguucgauucccgggcgAgg..... 1
Gi3_28033412_x2.....uccggcguaguauaacggcAagaau..... 1
Gi1_4143351_x2.....uccggcguaAuuaaacggcuag..... 1
Gi5_8820837_x2.....Ucguaguauaacggcuaga..... 1
Gi3_28197924_x2.....ucucaccUaacagauccgg..... 1
Gi1a_5877838_x2.....uCcucacccaacagauccg..... 1
Gi5_8731915_x2.....gguAcucacccaacagauccg..... 1
Gi3_28038154_x2.....caacagauccggUuucga..... 1
Gi2_10940653_x2.....Cucgauucccgggcgccggagc..... 1
Gi1_4129407_x2.....ugguucucacccaacagauccGgg..... 1
Gi2_10833051_x2.....uAcggcguaguauaacggcuaga..... 1
Gi5_8798379_x2.....ucucacccaacaUauccg..... 1
Gi1_4153889_x2.....guucucacGcaacagauccg..... 1
Gi1_4128663_x2.....uccggcguaguauaUcggcua..... 1
Gi1a_5919070_x2.....uccggcguaguGuaacggcuag..... 1
Gi1_4123089_x2.....cucaGccaacagauccgg..... 1
Gi5_8826979_x2.....cggcguGguauaacggcuag..... 1
Gi3_28023594_x2.....Uacccaacagauccggguuc..... 1
Gi3_27994084_x2.....uucgCuuccggcgccgga..... 1
Gi1_4141445_x2.....gguucgUuuccggcgccggagc..... 1
Gi5_8750557_x2.....uuUucacccaacagauccggguu..... 1
Gi2_10858231_x2.....uccgAguucgauuccggcgccgga..... 1
Gi2_10883617_x2.....ggAucgauuccggcgccgg..... 1
Gi3_28150320_x2.....gguucgauuccggcgccggaA..... 1
Gi3_28236116_x2.....uucucacccaacagauAccg..... 1
Gi3_28075606_x2.....ugguucucaccAaacagauccg..... 1
Gi1_4157141_x2.....uccgCcguaguauaacggcuag..... 1
Gi3_28012736_x2.....ggNucgauuccggcgccg..... 1
Gi1_4154685_x2.....uucucacccaaUagauccgg..... 1
Gi3_28146306_x2.....cgauuccggcgccggGgc..... 1
Gi1_4093469_x2.....uccggcguaguauaacggUu..... 1
Gi2_10982175_x2.....Cucgauuccggcgccgg..... 1
Gi5_8720941_x2.....uccggcguaguauaacggcuU..... 1
Gi3_28213472_x2.....guugguucucacccaacagauccgg..... 0
Gi5_8784113_x2.....ugAuucucacccaacagauccg..... 1
Gi3_27996894_x2.....guucucacccaacagaCccgg..... 1

Gi2_10980227_x2.....uccggcguaguauaacggcuagaU.....1
 Gi3_28181902_x2.....gguucgauuccggcgccUg.....1
 Gi3_28060866_x2.....ugguucucaccUaacagauccg.....1
 Gi1_4112635_x2.....uucucacccaacagauccCg.....1
 Gi3_28096670_x2.....cuUaccaacagauccggguucgauu.....1
 Gi5_8747733_x2.....Accggcguaguauaacggc.....1
 Gi5_8786747_x2.....uucucacccaacagauccggAuu.....1
 G1a_5976028_x2.....uccggcguaguauaacgAcuag.....1
 Gi2_10924103_x2.....uucgauucNcggcgccggagc.....1
 Gi2_10982499_x2.....Ucguaguauaacggcuagaa.....1
 Gi1_4142987_x2.....ucucacccaCcagauccgg.....1
 Gi2_10890847_x2.....guucgauuccggcgccCgag.....1
 Gi3_28251546_x2.....ugguucucacccaacagauccA.....1
 Gi3_28233852_x2.....gUguucgauuccggcgccg.....1
 Gi3_28055514_x2.....Agcguaguauaacggcuagaau.....1
 Gi3_28208094_x2.....uucucacccaacagauccgggCuc.....1
 Gi3_28107384_x2.....ucgauuccggcCccggagc.....1
 Gi3_28053262_x2.....Cucgauuccggcgccgga.....1
 Gi3_28057528_x2.....uccggAguaguauaacggcu.....1
 Gi5_8812831_x2.....guucgauucccgAcgcccggagc.....1
 Gi3_27989860_x2.....cccaacagNuccggguucgauucc.....1
 Gi1_4122639_x2.....Aguucucacccaacagauccgg.....1
 Gi2_10964545_x2.....gguucucUcccaacagauccg.....1
 Gi2_10885251_x2.....ugguucucacccaacagauccg.....0
 Gi2_10967301_x2.....gguucucacccaacagauccC.....1
 Gi3_28247674_x2.....uucgauuccggcgccgAa.....1
 Gi3_28018490_x2.....guucucacccaacaAauccgg.....1
 Gi3_28174612_x2.....gauuccggcgccggagcCu.....1
 Gi2_10850087_x2.....ccggcguaguauaacggcuag.....0
 Gi2_10924427_x2.....guucgCuuccggcgccg.....1
 Gi5_8827803_x2.....gauuccAgcgcggagc.....1
 Gi5_8817329_x2.....cccaacGgauccggguuc.....1
 Gi1_4131383_x2.....guucgauuccggcgAcggagc.....1
 Gi1_4131255_x2.....uucgauuccggcgccggCgc.....1
 Gi2_10896883_x2.....Nccggcguaguauaacggcuaga.....1
 Gi1_4118663_x2.....gguucgauuccggcAccgga.....1
 Gi5_8754887_x2.....uucgaCuccggcgccgg.....1
 Gi2_10984659_x2.....guucgauuccggcgccggagG.....1
 Gi5_8740983_x2.....uccggAguaguauaacggc.....1
 Gi5_8742463_x2.....ccggcguaguauaacggcCa.....1
 Gi2_10840491_x2.....guucgauuccggAgccggag.....1
 G1a_5930474_x2.....gguucgauuccggcgAc.....1
 Gi2_10965115_x2.....guucucacccaUagauccg.....1
 Gi3_28000050_x2.....guucucaUccaacagauccg.....1
 Gi3_28149690_x2.....uccgCcgaguauaacggcuagaau.....1
 Gi2_10865455_x2.....uAcggcguaguauaacggcuagaa.....1
 Gi4_557714_x2.....guucgauCcccggcgccg.....1

Gi1_4147393_x2.....ugguucucUcccaacagauccg..... 1
Gi2_10844611_x2.....uccggcguaguauCacggcuag..... 1
Gi5_8770111_x2.....uccggcguaguauaacggcuag..... .guucUauucccggcgccggagc..... 1
Gi1_4137261_x2.....uccggcguaguauaacggcuag..... 1
Gi1_4099341_x2.....uccggcguaguauaacggcuag..... .gguucgauuccUggcgccgga..... 1
Gi5_8746245_x2.....uccggcguaguauaacggcuag..... .guucucaAccaacagauccg..... 1
Gi1_4095373_x2.....uccggcguaguauaacggcuag..... .ucgauCcccggcgccggagc..... 1
Gi2_10978851_x2.....uccggcguaguauUacggc..... 1
G1a_5911344_x2.....uccggcguaguauaaAggcuag..... 1
Gi3_28117744_x2.....uccggcguaguauaacggcuag..... .ugguucucaUcccaacagauccg..... 1
Gi2_10845877_x2.....uccggcguaguauaaUggcuag..... 1
Gi5_8730121_x2.....uccggcguaguauaacggcuag..... 1
Gi2_10851779_x2.....uccggcguaguauaacggcuag..... .ugguucucacccCacagaucc..... 1
Gi2_10928843_x2.....uccggcguaguauaacggcuag..... .uucgauucccggcgCagg..... 1
Gi2_10850305_x2.....uccggcguaguauaacggcuag..... .guucgaGucccggcgccg..... 1
G1a_5918610_x2.....uccgAcguaguauaacggcuag..... 1
Gi1_4123129_x2.....uccggcguaguauaacggcuag..... .cacccaacNgauccggguucgauucc..... 1
Gi2_10975085_x2.....uccggcguaguauaacggcuag..... .ucgauucccggcgccggG..... 1
Gi5_8745417_x2.....uccggcguaguauaacggcuag..... .gguucgauucccgAcgccc..... 1
Gi2_10833539_x2.....uccggcguaguauaacggcuag..... .guucgauucUcggcgccgga..... 1
Gi2_10973049_x2.....uccggcguaguauaacggcuag..... 1
Gi5_8812953_x2.....uccggcguaguauaacggcuag..... .gaCucccggcgccggagc..... 1
Gi2_10911591_x2.....uccggcguaguauaacggcuag..... .gauucccgUcggcgagc..... 1
Gi5_8720847_x2.....uccggcguaguauaacggcuag..... .ggGucucacccaacagauccgg..... 1
Gi1_4140105_x2.....uccggcguaguauaacggcuag..... .cgauucccggcgccggagcC..... 1
G1a_5954946_x2.....uccggcguaguauaacggcuag..... .gguucgGuucccggcgccgga..... 1
Gi2_10872691_x2.....uccggcguaguauaacggcuag..... 1
Gi5_8719451_x2.....uccggcguaguauaacggcuag..... .gguucgauucccggcgCcgga..... 1
Gi1_4092961_x2.....uccggcguaguauaacggcuag..... 1
Gi1_4138259_x2.....uccggcguaguauaacggcuag..... .gguucgauucccUcggcgccgga..... 1
Gi3_28071682_x2.....uccggcguaguauaacggcuag..... .gguGcgauucccggcgccg..... 1
Gi3_28236496_x2.....uccggcguaguauaacggcuag..... .uucucaccAaacagauccg..... 1
Gi2_10853099_x2.....uccggcguaguauaacggcuag..... .ucgauucccgCcgccggag..... 1
Gi3_28051586_x2.....uccggcguaguauaacggcuag..... .ucgauucccggcgccggaA..... 1
Gi1_4096007_x2.....uccggcguaguauaacggcuag..... .Gcacccaacagauccggguucga..... 1
Gi1_4127809_x2.....uccggcguaguauaacggcuag..... .guucgauucUcggcgccgga..... 1
Gi3_28141668_x2.....uccggcguaguauaacggcuag..... 1
Gi3_28228472_x2.....uccggcguaguauaacggcuag..... .ucAgggcguaguauaacggcuag..... 1
Gi1_4108265_x2.....uccggcguaguauaacggcuag..... .gCuucgauucccggcgccggagc..... 1
Gi2_10974063_x2.....uccggcguaguauaacggcuag..... .uccggguuNgauucccggcgccgga..... 1
Gi5_8721245_x2.....uccggcguaguauaacggcuag..... .uucCcacccaacagauccg..... 1
Gi2_10954433_x2.....uccggcguaguauaacggcuag..... 1
Gi1_4116841_x2.....uccggcguaguauaacggcuag..... .gguucucacccaacaAuuccg..... 1
Gi5_8772669_x2.....uccggcguaguauaacggcuag..... .uucgauucccggcgccggagcC..... 1
Gi3_28146416_x2.....uccggcguaguauaacggcuag..... .gguucgauucccggcgccggagcAu..... 1
Gi3_28009626_x2.....uccggcguaguauaacggcuag..... .uAguucucacccaacagauccg..... 1
Gi1_4136617_x2.....uccggcguaguauaacggcuag..... 1

Gi5_8824933_x2.....gguucgauCcccggcgccgg..... 1
Gi3_28174380_x2.....ucgauuccggcAccgga..... 1
Gi3_28239860_x2.....gauccggguucgaCucc..... 1
Gi3_28108420_x2.....cagaucgggCucgauucc..... 1
Gi3_28204134_x2.....ucgauuccggcgccggagU..... 1
Gi2_10920215_x2.....uccggcguaguauaacggcC..... 1
Gi2_10950493_x2.....gguucgauuccggGgccg..... 1
Gi3_28249020_x2.....uucucacccaacagauUcgg..... 1
Gi4_554144_x2.....cGcacccaacagauccggguucg..... 1
Gi2_10851903_x2.....gguAcgauuccggcgccg..... 1
Gi5_8777755_x2.....uccggcguaguauaacAgcuagaa..... 1
Gi1_4153353_x2.....ggGucgauuccggcgccgga..... 1
Gi2_10831999_x2.....guucucacccaGagauccg..... 1
Gi3_28112812_x2.....ccggUguaguauaacggcuag..... 1
Gi2_10897681_x2.....uuUgauuccggcgccggag..... 1
Gi1_4089331_x2.....uUcggcguaguauaacggcuagaa..... 1
Gi5_8797229_x2.....gguucgauuccggcAcc..... 1
G1a_5898922_x2.....uccggcguaguauaGcgg..... 1
Gi1_4150551_x2.....ugguucucaAcacaacagauccg..... 1
Gi1_4152215_x2.....guucucacccaacagUuccg..... 1
Gi1_4100873_x2.....guucgauuccggcAccggagc..... 1
Gi5_8795605_x2.....ugguucucacccaacCgauccg..... 1
Gi5_8762963_x2.....gguucgauuccggcgCagga..... 1
Gi3_28008200_x2.....ccggcguaguauaGcggcuag..... 1
Gi3_28173668_x2.....uucgauuccggcgUcggga..... 1
Gi3_28051960_x2.....gguucgauuccggcgcc..... 1
Gi2_10955977_x2.....uucgaCuccggcgccgga..... 1
Gi1_4090145_x2.....uccgAcguaguauaacggcuaga..... 1
Gi5_8766853_x2.....guucucacccUacagauccg..... 1
Gi3_28139806_x2.....Gacagauccggguucgauuccggcgccgga..... 1
Gi3_28067814_x2.....gguucgauuccggcgGcggag..... 1
G1a_5917286_x2.....uccggcguaguauaacggGuagaa..... 1
Gi5_8822941_x2.....Acggcguaguauaacggcuag..... 1
Gi1_4103481_x2.....gguucgauuccggcgU..... 1
Gi1_4124243_x2.....ccggcguaNuaaacggc..... 1
Gi2_10846981_x2.....ucgauuccggcAccggagc..... 1
Gi1_4122019_x2.....uucgauuccggcgccgga..... 0
Gi2_10878373_x2.....guGcucacccaacagauccg..... 1
Gi2_10832883_x2.....guucgauGccggcgccg..... 1
Gi1_4092259_x2.....uccAgcguaguauaacggcu..... 1
Gi1_4138577_x2.....guucgauuccUggcgccgga..... 1
Gi1_4156275_x2.....ucacccaacagaCccgggu..... 1
Gi3_27984986_x2.....agaucggguucAauucc..... 1
Gi2_10938311_x2.....uAcucacccaacagauccg..... 1
Gi2_10882565_x2.....gauuccggcgUggagc..... 1
Gi1_4091359_x2.....Cuucgauuccggcgccggagc..... 1
Gi5_8738783_x2.....uccggcguaguauaacggcuCgaau..... 1

Gi2_10889625_x2.....uccggcguagCauaacggcu..... 1
 Gi5_8806185_x2.....ucucaccUaacagauccgg..... 1
 Gi2_10914271_x2.....uGguucucacccaacagaucc..... 1
 Gi4_560504_x2.....gguCcgauucccggcgcggagc..... 1
 Gi2_10991491_x2.....gguuAgauucccggcgcg..... 1
 Gi5_8724119_x2.....Nguucgauucccggcgcggagc..... 1
 Gi3_28255850_x2.....uccggcgGaguauaacggc..... 1
 Gi5_8813375_x2.....uUucacccaacagauccg..... 1
 Gi3_28229644_x2.....cgauucccggcgcggagcCu..... 1
 Gl1a_5928082_x2.....uccAgcguaguauaacggcuaga..... 1
 Gi2_10847569_x2.....guucucaccAaacagauccg..... 1
 Gi3_28203820_x2.....cgauucccggcgcGggagc..... 1
 Gi3_28132424_x2.....gauccggguucgGuucc..... 1
 Gi2_10949321_x2.....uucucacccaacagauccAg..... 1
 Gi3_28016184_x2.....Nguucgauucccggcgcggga..... 1
 Gi2_10906983_x2.....gguucgauucccggcUcc..... 1
 Gi2_10889355_x2.....uccggcguaguauaUcggc..... 1
 Gi1_4103711_x2.....uccggcguaguauaacGgcua..... 1
 Gi1_4104675_x2.....gguucgauucccggcgcggCg..... 1
 Gi3_28097608_x2.....Ucguaguauaacggcuagaa..... 1
 Gi5_8758435_x2.....uucucaUccaacagauccgg..... 1
 Gi5_8745639_x2.....gguucgauucccggcgcGggagc..... 1
 Gi5_8763973_x2.....gguucgauucccggcgcggagcAu..... 1
 Gi1_4126973_x2.....uucucacccaacagauGcgg..... 1
 Gi5_8770651_x2.....guucgauucccggcgcggAagc..... 1
 Gi2_10973301_x2.....guucgauucccggcgcGg..... 1
 Gi3_28112010_x2.....ucCcacccaacagauccgg..... 1
 Gi4_559956_x2.....guucgauucccggcgcUcgg..... 1
 Gi3_28229662_x2.....uccggcguaguauaacgU..... 1
 Gi1_4133185_x2.....gUcguaguauaacggcuagaau..... 1
 Gl1a_5881486_x2.....uGcggcguaguauaacggcu..... 1
 Gi2_10932017_x2.....cucacccaacGgauccgg..... 1
 Gi3_28204358_x2.....cgaCucccggcgcggagc..... 1
 Gi1_4158569_x2.....uccggcguaguauaaAggcua..... 1
 Gi1_4149059_x2.....uccgAcguaguauaacggcuagaau..... 1
 Gi3_28174226_x2.....gauucccggcgcggAagc..... 1
 Gi2_10864803_x2.....uccggcguCguauaacggcuag..... 1
 Gi2_10962979_x2.....ugguucucacccaacagauUg..... 1
 Gi5_8747675_x2.....gguucgauucAcgggcgg..... 1
 Gi1_4118757_x2.....Cucgauucccggcgcggagc..... 1
 Gi3_28246232_x2.....ugAuucucacccaacagau..... 1
 Gi2_10865509_x2.....cggcguaguauaGcggcua..... 1
 Gi3_28207296_x2.....gguNcgauucccggcgcggag..... 1
 Gi2_10977773_x2.....aguccggcguaguGuaacgg..... 1
 Gl1a_5896606_x2.....guucucacccaGcagauccg..... 1
 Gi4_562044_x2.....ggCucgauucccggcgcgg..... 1
 Gi3_28149672_x2.....gggGucgauucccggcgcgg..... 1

Gi3_28102078_x2.....uccggcguaguauaacggcuCgaau.....Uccaacagauccggguuc.....1
Gi2_10947541_x2.....Uccaacagauccggguuc.....1
Gi5_8756105_x2.....Uauccggguucgauuccggcgccgga.....1
Gi3_28194068_x2.....ucgauuccggcgAcggagc.....1
Gi1_4153575_x2.....ucgauuccggcgccggCgc.....1
Gi5_8777695_x2.....gguucgauuccGggcgccg.....1
Gi5_8739661_x2.....uccggcguaguauaaGggcua.....1
Gi1_4156505_x2.....uccggcguaguauaacggcuagaG.....1
Gi5_8780981_x2.....gguucgauuccggcgGcgg.....1
Gi2_10930853_x2.....uuUucacccaacagauccggguucg.....1
Gi4_560328_x2.....cuUaccaacagauccggguucg.....1
Gi2_10932327_x2.....guuUucacccaacagauccg.....1
Gi5_8732521_x2.....uccggguucgGuucccgcc.....1
Gi3_28082106_x2.....ccggcguaguauaacggU.....1
Gi3_28230940_x2.....ucgauucccgCcgccggagc.....1
Gi2_10963211_x2.....ucGggcguaguauaacggcua.....1
Gi2_10961799_x2.....uAcggcguaguauaacggc.....1
Gi3_27985310_x2.....uccggcguaguauaacggcC.....1
Gi5_8799665_x2.....aguccggcguaguGuaacggcuagaugg.....1
Gi1_4153439_x2.....gguucgauucccgAcgcccga.....1
G1a_5885892_x2.....uccAgcguaguauaacggcuag.....1
Gi3_28212010_x2.....Uguccggcguaguauaacggcuagaa.....1
Gi3_28073120_x2.....uccggguucgauucccgAcgcccga.....1
Gi3_28239388_x2.....gCucucacccaacagauccg.....1
Gi3_28014692_x2.....cacccaacNgauccggguuc.....1
Gi4_562006_x2.....ucUggcguaguauaacggcuaga.....1
Gi5_8799585_x2.....uuUguucucacccaacagauccg.....1
Gi3_28178876_x2.....cAcacccaacagauccg.....1
Gi5_8746429_x2.....cucacccaacagauUcgg.....1
Gi5_8774521_x2.....gguucucaccGaacagauccg.....1
Gi1_4148421_x2.....uccggcguaguauaacgUc.....1
Gi1_4152773_x2.....gguucucacccaacagaAccg.....1
Gi5_8808483_x2.....gguucgaGuuccggcgccg.....1
Gi1_4145883_x2.....uucucacGcaacagauccg.....1
Gi1_4150117_x2.....uccggcguaguauaacggcuagGa.....1
G1a_5929114_x2.....gguucgauucccAgcgcggag.....1
Gi2_10946935_x2.....uccggcgCaguauaacggcuagaau.....1
Gi1_4139401_x2.....aCuccggcguaguauaacggcuag.....1
Gi2_10981491_x2.....Gggcguaguauaacggcua.....1
Gi1_4129347_x2.....ucCcacccaacagauccg.....1
Gi1_4114789_x2.....gguuUgauuccggcgccggagc.....1
Gi5_8741619_x2.....uGucacccaacagauccgg.....1
Gi3_28041284_x2.....cgauuccggcgccggaAc.....1
Gi1_4152189_x2.....gguucgauucccUgcgccc.....1
Gi3_28243286_x2.....ucgauuccggcgCAgga.....1
Gi1_4118767_x2.....ucAggcguaguauaacggcuaga.....1
Gi3_28056046_x2.....guucucacGcaacagauccg.....1

Gi5_8782019_x2.....gguucAauucccgcgccggag..... 1
Gi3_28019352_x2.....ccggcguaguauGacggcuaga..... 1
G1a_5889684_x2.....Accggcguaguauaacggcuaga..... 1
Gi2_10980179_x2.....gguucucacccaacCgauccg..... 1
Gi5_8728071_x2.....uccNgcguaguauaacgg..... 1
Gi3_28187008_x2.....Gcggcguaguauaacggcuaga..... 1
Gi3_28177218_x2.....ccggcguaguauCacggc..... 1
Gi2_10948229_x2.....auucccgcgccggagcgA..... 1
Gi2_10857755_x2.....uccggcguaguaGaacggcuag..... 1
Gi5_8774561_x2.....gguucgauNcccgcgccggagcgu..... 1
Gi2_10925471_x2.....gguucgauucccgcgccCga..... 1
G1a_5943254_x2.....ucucacccNacagauccg..... 1
Gi2_10980637_x2.....uccggguucgauucccggc..... 0
Gi1_4135515_x2.....uccggcguaguauaacggcuC..... 1
Gi3_28007004_x2.....uUucacccaacagauccg..... 1
Gi5_8723713_x2.....gUuucccgcgccggagc..... 1
Gi3_28119816_x2.....Cucgauucccgcgccggagc..... 1
Gi1_4128047_x2.....uAcggcguaguauaacgg..... 1
Gi5_8768605_x2.....uccggcguaguauaacggcuaga..... 1
Gi5_8759301_x2.....guucgauucccUgcgccc..... 1
G1a_5936410_x2.....uccggcguaguCuaacggcuag..... 1
Gi3_28013498_x2.....uccggcguaguauaacggGua..... 1
Gi3_28169190_x2.....uuUgauucccgcgccgga..... 1
Gi5_8726267_x2.....cggcguaguauaacggcuagC..... 1
Gi3_28006938_x2.....cAgguucgauucccgcgccgga..... 1
Gi2_10948995_x2.....uccggcguUguauaacgg..... 1
Gi1_4114517_x2.....gAucgauucccgcgccggagc..... 1
Gi1_4123151_x2.....uccggcguaguUuaacggc..... 1
Gi5_8803327_x2.....agaucUggguucgauuccc..... 1
Gi5_8755189_x2.....Aucucacccaacagauccg..... 1
Gi5_8763795_x2.....gguucgauucccgAcgcc..... 1
Gi2_10922353_x2.....cgauucccgcgccggag..... 0
G1a_5891236_x2.....uccggcguaguauaacggcuag..... 1
Gi1_4109933_x2.....uccUgcguaguauaacggcuaga..... 1
Gi2_10982563_x2.....ugguuUucacccaacagauccg..... 1
Gi2_10859403_x2.....uuUucacccaacagauccg..... 1
Gi3_28154844_x2.....cggguucgauucccAgcgccgga..... 1
Gi1_4112609_x2.....gguucgauucccgcgUcggagc..... 1
Gi2_10835087_x2.....uccggcguaguauGacggcuag..... 1
Gi5_8738131_x2.....ucucacccaacagCuccg..... 1
Gi5_8766929_x2.....cagaucggggGucgauucccgcgccc..... 1
Gi5_8808605_x2.....ucacAaacagauccggguu..... 1
Gi1_4150583_x2.....guucgauucccgAcgcccga..... 1
Gi2_10886109_x2.....uucucacccUacagauccg..... 1
Gi3_28149006_x2.....Aucacccaacagauccg..... 1
Gi5_8746535_x2.....guucucaUcacaacagauccg..... 1
Gi5_8762007_x2.....uccggcguaguaAaacggcuagaau..... 1

Gi3_28236100_x2.....caacagauccggguucAauucc..... 1
 Gi1_4094725_x2.....guucucacccaacagauGcg..... 1
 Gi2_10849895_x2.....agauccggNuucgauucc..... 1
 Gi3_28168954_x2.....agauccggguucgauCccc..... 1
 Gi3_28151816_x2.....guucucacccaacagauAcggg..... 1
 Gi5_8792971_x2.....ccggcguCguauaacggcuaga..... 1
 Gi1_4118337_x2.....caUccaacagauccggguucgauucc..... 1
 Gi5_8774441_x2.....uugguucucacccaCcagauccg..... 1
 Gi3_28019476_x2.....aguccggcguaguauaacA..... 1
 Gi1_4120567_x2.....guucgauucccggcAgga..... 1
 Gi1_4091015_x2.....uccggcguAuuuacgg..... 1
 Gi5_8753995_x2.....guucgauucccgCcgccgg..... 1
 Gi2_10868131_x2.....uccggcguagGauaacggcua..... 1
 Gi5_8802339_x2.....uccggcguaguauaacggUuagaa..... 1
 Gi3_28229778_x2.....gggGucgauuccggcgccggagc..... 1
 G1a_5949928_x2.....uccggcguaguUuuacggcuag..... 1
 Gi3_27989022_x2.....uccggcguaguauaacggcuagUau..... 1
 Gi4_564836_x2.....gguucgauucccggcCcgCgc..... 1
 Gi3_28070692_x2.....cggcguaguauaacggcua..... 0
 G1a_5953910_x2.....Cccggcguaguauaacggcuag..... 1
 Gi2_10952571_x2.....guucgauuccggcgccggaUc..... 1
 Gi2_10836725_x2.....gauucccgNcgccggagc..... 1
 Gi3_28144720_x2.....cucacccaacagauUgg..... 1
 Gi3_28134252_x2.....uucucacccCacagauccg..... 1
 Gi5_8827813_x2.....Gcggcguaguauaacggcuagaau..... 1
 G1a_5925080_x2.....gguucgauucccAgcgccggagc..... 1
 G1a_5921894_x2.....uccggcguaguauaacggcuagGa..... 1
 Gi1_4105501_x2.....uccggcguNguauaacggc..... 1
 Gi5_8720173_x2.....gguucucacccUacagauccg..... 1
 Gi2_10957595_x2.....uccggcAuaguauaacggcuagaau..... 1
 Gi1_4103171_x2.....uccggcguaguauaacggAuaga..... 1
 Gi4_565016_x2.....cucacccaNcagauccggguucg..... 1
 Gi3_28146482_x2.....guucgauucccUgcgccg..... 1
 Gi1_4107505_x2.....guucAcacccaacagauccgg..... 1
 Gi1_4124623_x2.....cucacccaacagUuccgg..... 1
 Gi3_28001188_x2.....gguucuAacccaacagauccg..... 1
 Gi3_28187554_x2.....ccggcguaguauaacAgc..... 1
 Gi1_4157677_x2.....guucucacccaacagauccU..... 1
 Gi5_8743487_x2.....uccggcgCaguauaacggcuagaa..... 1
 Gi1_4109713_x2.....uucucUccaacagauccgg..... 1
 Gi2_10893647_x2.....gguucgaAuuccggcgccgga..... 1
 Gi3_27983194_x2.....uucucCcccaacagauccgg..... 1
 Gi3_28040690_x2.....uucucacccaaUagauccg..... 1
 Gi3_28086514_x2.....cagauccggguucgauCccc..... 1
 Gi5_8795627_x2.....caacagauccggguucgauucccgccggagc..... 0
 Gi1_4155657_x2.....uccggcguaguauaacCgcuag..... 1
 Gi3_28216684_x2.....gguucucacccaCcagauccgggu..... 1

Gi5_8782065_x2.....uucgauucccgcgccggagcCu..... 1
 Gi2_10947365_x2.....guucgauuAccggcgccggag..... 1
 Gi3_28200768_x2.....gguucucacccaacagGucc..... 1
 Gi4_566220_x2.....Uguucucacccaacagauccg..... 1
 Gi1_4107727_x2.....gguucucacccaacagauccC..... 1
 Gi1_4101425_x2.....gguucgauucccgcgGcgg..... 1
 Gi5_8739787_x2.....guuGgauucccgcgccgg..... 1
 Gi2_10886261_x2.....guucucaccccacagauccg..... 1
 Gi1_4134587_x2.....guucgauucccgcgccUga..... 1
 Gi1_4117525_x2.....ucuUacccaacagauccg..... 1
 Gi2_10858965_x2.....uccggcguaguauGacgg..... 1
 Gi1_4123745_x2.....uccggcguaguUuaacggcuag..... 1
 Gi2_10868905_x2.....gguucgauucccgcgccggU..... 1
 Gi3_28236300_x2.....Guccggguucgauucccgcgccggagc..... 1
 Gi1_4103203_x2.....gGugguucucacccaacagauccgggu..... 1
 Gi5_8828365_x2.....uGucacccaacagauccgggu..... 1
 Gi3_28150738_x2.....guuAgauucccgcgccggag..... 1
 Gi1_4106429_x2.....Aucacccaacagauccg..... 1
 Gi3_28035968_x2.....ccggcguaguauCaacggc..... 1
 Gi1_4089595_x2.....Accggcguaguauaacggcuag..... 1
 Gi1_4101697_x2.....uccggcAuaguauaacggcuaga..... 1
 Gi2_10919851_x2.....gauucccgcgccggagcCu..... 1
 Gi1_4150379_x2.....ugAuucucacccaacagauccg..... 1
 Gi1_4147955_x2.....uccggcguaguauaGcggcu..... 1
 Gi5_8798343_x2.....gguucgauuUccggcgccgga..... 1
 Gi1_4100969_x2.....gguucuUacccaacagauccg..... 1
 Gi3_28240662_x2.....gguNcgauucccgcgccgg..... 1
 Gi2_10929383_x2.....uccggcguaguauUacggcuag..... 1
 Gi5_8766899_x2.....gCucgauucccgcgccggag..... 1
 Gi1_4155083_x2.....ucucacccaacCgauccg..... 1
 Gi3_28113126_x2.....ggUguaguauaacggcuaga..... 1
 Gi1_4095171_x2.....gguucgauuccUggcgccggagc..... 1
 Gi2_10925909_x2.....agAccggcguaguauaacgg..... 1
 Gi1_4132839_x2.....uccggAguaguauaacggcuagaau..... 1
 Gi5_8754285_x2.....gguucgauucccgGgccg..... 1
 Gl1_5927864_x2.....ucAggcguaguauaacggcuag..... 1
 Gi4_553470_x2.....guucgauucccgcgccAg..... 1
 Gi3_28096882_x2.....guucgauucccgcgccUgag..... 1
 Gi3_28016028_x2.....uccggcguaguauaacggUuagaa..... 1
 Gi2_10943205_x2.....uccgAcguaguauaacggcuag..... 1
 Gl1_5894674_x2.....gguucgauucccgcgUc..... 1
 Gi5_8826953_x2.....uGgauucccgcgccggagc..... 1
 Gl1_5918792_x2.....Ggguucucacccaacagauccg..... 1
 Gi3_28133844_x2.....gNucgauucccgcgccggagc..... 1
 Gi1_4105631_x2.....uucNacccaacagauccg..... 1
 Gi1_4151033_x2.....uccggcguaguauaacgUcuaga..... 1
 Gi3_28027372_x2.....ucucacccaacGgauccg..... 1

Gi2_10941671_x2.....cggcguaguauaGcggcuaga.....1
Gi5_8746507_x2.....guucgauucccggcCccggagc.....1
G1a_5931608_x2.....uccggUguaguauaacggcuaga.....1
Gi2_10988729_x2.....cgauUccggcgccggagcguuuc.....1
Gi3_28157448_x2.....guucucacccaacagauAgg.....1
Gi2_10873443_x2.....gguucgUuuccggcgccg.....1
Gi2_10929055_x2.....guucgauucccggcgAcggag.....1
Gi5_8731359_x2.....gguucgauucccggcgccC.....1
Gi5_8785053_x2.....gguUggauucccggcgccgga.....1
Gi3_28077204_x2.....uccggcguaguaGaacggcuagaa.....1
G1i_4118673_x2.....uccggcguaguauaUcggcuagaa.....1
Gi3_28051810_x2.....gguucgauucccggcgccUga.....1
Gi3_28001584_x2.....Gucaccaacagauccggguucgauu.....1
G1i_4107657_x2.....ugguucucacccUacagauccg.....1
Gi5_8820787_x2.....gguucgauucccggcgUcggag.....1
Gi2_10930911_x2.....uccggcguaguauaacggcG.....1
Gi3_28218068_x2.....gguucgaAuuccggcgccgg.....1
Gi5_8728773_x2.....guucgauucccggcgGgg.....1
G1i_4114805_x2.....Ccucaccaacagauccg.....1
Gi3_28040844_x2.....ucgauucccggcgccggaAc.....1
Gi2_10852143_x2.....cgauucccggcgccggGgcuuu.....1
G1i_4151559_x2.....uccggcguaguauaacggcuCga.....1
G1i_4118677_x2.....guucgauucccgUcggcg.....1
Gi5_8757575_x2.....gguucgauucccUgcgcggag.....1
Gi5_8772665_x2.....agaucggguucgCuuccc.....1
Gi5_8807219_x2.....uucucacGcaacagauccg.....1
Gi2_10988189_x2.....guucucacccaacaAaucg.....1
Gi5_8759113_x2.....cUauucccggcgccggagcguuuc.....1
Gi3_28254678_x2.....Ugauucccggcgccggagc.....1
Gi3_28026106_x2.....Cgauccggguucgauuccc.....1
Gi3_28161772_x2.....gguucucacccaacagauccgggC.....1
Gi4_564000_x2.....gCucgauucccggcgccgga.....1
G1i_4123847_x2.....Gaacagauccggguucgauucccggc.....1
Gi3_28023314_x2.....Nccggcguaguauaacggcuag.....1
Gi3_28198142_x2.....uucgauucccggGgccgga.....1
Gi3_28088832_x2.....gcguaguauaacggcuGga.....1
Gi3_28170350_x2.....uccggAguaguauaacggcuag.....1
Gi2_10857619_x2.....uccggcguaguUaacggcuag.....1
G1i_4140307_x2.....guucgauucccgAcggcg.....1
Gi5_8735137_x2.....guucgauucccggcAccggagc.....1
Gi3_28177132_x2.....cggcguaguauaacggcuGga.....1
Gi3_28242240_x2.....guucuAacccaacagauccgg.....1
Gi3_28211802_x2.....aucggguucgauucccggcg.....0
Gi3_28013354_x2.....uucgauucccAgcgccgga.....1
Gi2_10933207_x2.....ugguucucaccUaacagaucc.....1
Gi5_8747139_x2.....uucucacccaacGgauccggguuc.....1
Gi3_28062226_x2.....guucgauucccggcgCcgag.....1

Gi2_10981691_x2.....uccggcguaguaGaacggcuaga..... 1
Gi3_28114184_x2.....cagaucggguucgauuUcc..... 1
Gi1_4107127_x2.....Gccggguucgauuccggcgccgga..... 1
Gi3_28133550_x2.....uucucacccaacCgaucgg..... 1
Gi3_28170812_x2.....uucucacGcaacagauccgg..... 1
Gi3_28250398_x2.....uccggcguaguauaacCgcua..... 1
Gi3_28145154_x2.....cgguucgGuuccggcgccgga..... 1
Gi1_4139763_x2.....uccggcguaguaaaaAggcuag..... 1
Gi1_4143113_x2.....uucgauucNcggcgccggagc..... 1
Gi2_10908611_x2.....uucucacccaacagauAg..... 1
Gi2_10847113_x2.....Gguucucacccaacagaucc..... 1
Gi1_4137099_x2.....ucucGcccaacagauccgg..... 1
Gi5_8811289_x2.....uccggcguaguauaUcggc..... 1
Gi5_8728743_x2.....uucucacccaacaAauccg..... 1
Gi3_28005272_x2.....guucgauuccggcUccgg..... 1
G1a_5889316_x2.....guucgaCuuccggcgccgg..... 1
Gi1_4119473_x2.....gguuUucacccaacagauccg..... 1
G1a_5955404_x2.....uucgGuuccggcgccggagc..... 1
Gi1_4133331_x2.....uccggcguaguaaaacggcAaga..... 1
Gi3_28189706_x2.....guucucGcccaacagauccgg..... 1
Gi5_8787061_x2.....ggcguaguauacggcuaga..... 1
G1a_5941946_x2.....uGcggcguaguauaacgg..... 1
Gi3_28058190_x2.....gguucucCcccaacagauccg..... 1
Gi5_8743151_x2.....uccggcguagGauaacggc..... 1
Gi3_28226266_x2.....uccggcgAaguaaacggcuag..... 1
Gi1_4128245_x2.....uggAucucacccaacagauccg..... 1
Gi1_4133053_x2.....ggGucgauuccggcgccg..... 1
Gi3_28130614_x2.....agaucggguucgCuucc..... 1
Gi3_28190458_x2.....guucgauuccggcgccgGgg..... 1
Gi2_10905079_x2.....uucucacccaacagauGcg..... 1
Gi1_4134357_x2.....guucucCcccaacagauccg..... 1
Gi3_28257636_x2.....guuNgauuccggcgccg..... 1
G1a_5904370_x2.....gCucgauuccggcgccg..... 1
Gi5_8789299_x2.....guucCauuccggcgccg..... 1
Gi5_8722591_x2.....ucgauuccggcgccggCgc..... 1
G1a_5885002_x2.....ggAucgauuccggcgccggagc..... 1
Gi3_28226426_x2.....uucgauuccggcgGcgga..... 1
Gi3_28184814_x2.....uccggcguagGauaacggcua..... 1
Gi5_8801793_x2.....ggCucgauuccggcgccggagcguu..... 1
Gi5_8818071_x2.....uccggcguaguaaaacggcuagaGugguu..... 1
Gi3_28053326_x2.....gguucgauucccgCcgccgga..... 1
Gi3_28137472_x2.....cUggcguaguaaaacggcuaga..... 1
Gi2_10897907_x2.....ucGggcguaguaaaacggcuaga..... 1
Gi3_27995408_x2.....ucGggcguaguaaaacggcuagaa..... 1
Gi5_8760729_x2.....uccggcguaguaaaacggUua..... 1
Gi1_4111627_x2.....gguucgauucccgUgccc..... 1
Gi2_10856589_x2.....cgauuccggcgccggagcgCuuc..... 1

Gi3_28238266_x2.....ucNggcguaguauaacgg.....1
Gi1_4142627_x2.....gguucgauuccAgcgccgga.....1
Gi5_8814999_x2.....uAcggcguaguauaacggcuag.....1
G1a_5939924_x2.....uccggcguaguauGacggcuaga.....1
Gi3_28233518_x2.....ucucacccaacagCuccg.....1
Gi2_10984877_x2.....cccaacGgaucggguuc.....1
G1a_5938360_x2.....gguNcgauuccggcgccg.....1
G1a_5966336_x2.....gguucgauuccggcgccAgagc.....1
Gi3_28140802_x2.....gguucCauuccggcgccgga.....1
Gi3_28185408_x2.....uucgauucUcggcgccg.....1
Gi5_8723877_x2.....ccggcguaguauaaGggcuag.....1
Gi4_554608_x2.....guucgaCuccggcgccg.....1
G1a_5936588_x2.....uccggcguaguauaacggcCag.....1
Gi3_28108166_x2.....ucgauuccggcgccgagcU.....1
Gi1_4102229_x2.....cUggcguaguauaacggc.....1
Gi5_8729477_x2.....uucucacccaacaAauccggguuc.....1
Gi3_28118820_x2.....uccggcguaguauUacggcuag.....1
Gi1_4156325_x2.....ccggcguaguauCacggcua.....1
G1a_5934562_x2.....gguucUauuccggcgcc.....1
Gi5_8775383_x2.....ccggcguaguGuaacggcuag.....1
Gi3_28175952_x2.....ccggcguaguCaacggcuaga.....1
Gi2_10868063_x2.....Accggcguaguauaacggcua.....1
Gi3_28239600_x2.....uucucacccaacagauccAg.....1
Gi1_4129075_x2.....gguucCcaccaacagauccg.....1
Gi1_4095231_x2.....guucucacccaacagauccC.....1
Gi3_28012268_x2.....ggcguaguauaacggcuagG.....1
Gi1_4147217_x2.....guucgauuccggUgcccggagc.....1
Gi3_28059142_x2.....cgauuccAgcgccggag.....1
Gi3_27993194_x2.....gguucgaGucccggcgccggag.....1
Gi3_28078084_x2.....guucucaccUaacagauccg.....1
Gi3_28175422_x2.....uucgauuccggcgUggagc.....1
Gi2_10868073_x2.....guucgauuccAggcgcccggag.....1
Gi3_28106474_x2.....gguucuUacccaacagauccg.....1
Gi5_8760047_x2.....Acggcguaguauaacggcua.....1
Gi3_28007158_x2.....gguucCcaccaacagauccg.....1
Gi3_28028530_x2.....cucacccaacagauccggguCcgau.....1
Gi1_4155181_x2.....uucucUcccaacagauccg.....1
Gi1_4104341_x2.....uccggcguaguauaaGggcuag.....1
Gi3_28089238_x2.....uucgauucAcggcgccgga.....1
Gi2_10895625_x2.....guucuUacccaacagauccg.....1
Gi1_4099169_x2.....uucucaccAaacagauccg.....1
Gi1_4094027_x2.....gguucgauuccggcgccU.....1
Gi5_8730133_x2.....uCguucucacccaacagauccg.....1
Gi2_10847523_x2.....guucgauucccgCcgcccggagc.....1
Gi2_10985957_x2.....guucuAacccaacagauccg.....1
Gi4_561578_x2.....Gccggcguaguauaacggcuagaa.....1
Gi5_8818769_x2.....ucucacccaacagauccUgg.....1

Gi1_4105013_x2.....uccggcguaguGuaacggc..... 1
Gi1_4093929_x2.....guucUauucccgcgccg..... 1
Gi1_4143197_x2.....uucucaAccaacagauccgg..... 1
Gi3_28231186_x2.....ucgauAcccgggcgggagc..... 1
Gi5_8769191_x2.....cGggcguaguauaacggcuag..... 1
Gi1_4110277_x2.....gguucgauucccgcgccggC..... 1
Gi3_28150636_x2.....gaGucccgggcgggagc..... 1
Gi3_28078132_x2.....gauAcccgggcgggagc..... 1
Gi2_10869631_x2.....gguucgauucccgGgcccggag..... 1
Gi3_28243794_x2.....uccggcguaguauaacGgcuag..... 1
Gi3_28164826_x2.....guucgauucGggcgccgga..... 1
Gi5_8718193_x2.....auucccgggcgggagcA..... 1
Gi2_10890487_x2.....uccggAguaguauaacggcua..... 1
Gi5_8820439_x2.....uucucacAcaacagauccggguu..... 1
Gi3_28147456_x2.....uuUgauucccgggcggc..... 1
Gi2_10850057_x2.....ugguucucNcccaacagaucc..... 1
Gi3_28155424_x2.....uccggcguagGauaacggc..... 1
Gi3_28234392_x2.....gguucgauucccgggcgggaU..... 1
Gi5_8729115_x2.....Cguucucacccaacagauccgg..... 1
Gi1_4145965_x2.....cucaccaacagauccAgg..... 1
Gi1_4143699_x2.....agaucgggguucgauucc..... 0
Gi2_10851449_x2.....Uuucucacccaacagauccgg..... 1
Gi1_4156999_x2.....uucucacccaacagUuccgg..... 1
Gi3_28160030_x2.....Gcagauccggguucgauucc..... 1
Gi1_4152497_x2.....cucaccUaacagauccgg..... 1
Gi1_4092719_x2.....gguucgauucccgcgccUg..... 1
Gi1_4156181_x2.....guucgauucccgcgccUgagc..... 1
Gi3_28001604_x2.....gguucucaccccCacagauccgggu..... 1
G1a_5913426_x2.....Gucgauucccgggcgggagc..... 1
Gi5_8723867_x2.....gguucgauucccgCcgccggagc..... 1
Gi2_10962109_x2.....uccggcguaguauaacggGua..... 1
Gi3_28000816_x2.....guucgauucccgggcggcUa..... 1
Gi5_8819591_x2.....gguucgauucccgAcgcccggag..... 1
Gi3_28109010_x2.....ggUguaguauaacggcuag..... 1
Gi5_8770777_x2.....ucUggcguaguauaacggcu..... 1
Gi5_8782575_x2.....gAucucacccaacagauccgg..... 1
Gi2_10964051_x2.....guucgauucccgggcggcUg..... 1
Gi1_4154003_x2.....guucgauAcccgggcgggagc..... 1
Gi5_8769593_x2.....ucGggcguaguauaacggcuagaa..... 1
Gi5_8734339_x2.....gguucucaccccCacagauccgg..... 1
Gi3_28200538_x2.....uccggcguaguauaacggcuagUa..... 1
Gi2_10861221_x2.....guucgauGcccggcgccggagc..... 1
Gi5_8790001_x2.....gguucucCcccaacagauccgg..... 1
Gi5_8829587_x2.....ugguucucacccaGcagauccgggu..... 1
G1a_5907016_x2.....ucUggcguaguauaacgg..... 1
Gi3_28224872_x2.....uucAauuccggcgccggagc..... 1
Gi4_560646_x2.....gguucgauucccUgcccgg..... 1

Gi3_28164600_x2.....uucucCcccaacagauccg.....1
Gi1_4093181_x2.....ccggcguaNuuaaacggcua.....1
Gi5_8771865_x2.....uccggcguaGaacgg.....1
Gi3_28114810_x2.....ugguucucacccaacagauAcg.....1
Gi2_10858249_x2.....uucgauucccggcgccggCg.....1
Gi3_28146898_x2.....uccggcguaCuuaaacggc.....1
Gi1_4148503_x2.....Uuucgauucccggcgccggag.....1
Gi1_4129415_x2.....ugguucucacccaaUagauccgg.....1
Gi3_28214384_x2.....Nuucucacccaacagauccg.....1
Gi1_4145737_x2.....cggguucgauucccggcgccgg.....0
Gi2_10935317_x2.....guucgauucccggcgccgAag.....1
Gi2_10840641_x2.....uccggcgGaguauaacggcuagaa.....1
Gi2_10964813_x2.....ucacccaacagauccggguu.....0
Gi2_10893279_x2.....agauccgggAucgauucc.....1
Gi1_4105975_x2.....uccggcguaGuaCaacggcua.....1
G1a_5899828_x2.....gguuUgauucccggcgccgg.....1
Gi3_28130308_x2.....cCauucccggcgccggagc.....1
Gi1_4106031_x2.....cucaccaNcagauccggguucga.....1
Gi1_4149361_x2.....uccggcguaGuaaacggcu.....1
Gi1_4117409_x2.....uUguucucacccaacagaucc.....1
Gi1_4153047_x2.....guAcgauucccggcgccggagc.....1
Gi3_27998018_x2.....uccggcUuaguuaaacggc.....1
Gi1_4107525_x2.....uCcgauucccggcgccgg.....1
Gi3_28030324_x2.....ucgauucccggcgccggagcA.....1
G1a_5943884_x2.....uucucacAcaacagauccg.....1
Gi2_10869407_x2.....guucCauucccggcgccggagc.....1
G1a_5956184_x2.....uccAgcguaguuaaacgg.....1
Gi3_28230496_x2.....Cugguucucacccaacagaucc.....1
Gi2_10986739_x2.....uccAgcguaguuaaacggcua.....1
G1a_5965936_x2.....uccggcgCaguuaaacggcua.....1
Gi1_4152177_x2.....uggGucucacccaacagauccg.....1
Gi3_28061330_x2.....ucucacccaacagauccC.....1
Gi5_8828401_x2.....uccggcguaGuaaacggcua.....1
Gi1_4102471_x2.....ugguucucacccGacagauccg.....1
Gi1_4125441_x2.....guucgauucccggcgccgga.....1
Gi1_4103413_x2.....ccggcguaNuuaaacggcuaga.....1
Gi2_10883591_x2.....ucgauucccggcgccUga.....1
Gi5_8829199_x2.....Ccgauucccggcgccggag.....1
Gi3_28063662_x2.....cGcaccacaacagauccggguucgauu.....1
Gi5_8797827_x2.....uCgguucucacccaacagauccg.....1
Gi2_10930629_x2.....uccggcguaGuaaacggc.....1
Gi3_28067610_x2.....cggcguaGuaaacggcuagauggu.....0
Gi2_10856813_x2.....uccggcgGaguuaaacgg.....1
G1a_5951118_x2.....gguucgauucccgAgccggagc.....1
Gi4_566174_x2.....uccggcguaGuaaacggcuaga.....1
Gi1_4142341_x2.....guucgauucccggcgccAgag.....1
Gi5_8794179_x2.....ugguAcucacccaacagauccg.....1

Gi1a_5976424_x2.....gguucgCuucccgccg..... 1
Gi5_8743879_x2.....ucAggcguaguauaacggc..... 1
Gi3_28044874_x2.....uccggcCuaguauaacggc..... 1
Gi3_28180718_x2.....aCauccggguucgauucc..... 1
Gi3_28257730_x2.....gguGcgauucccgccgga..... 1
Gi1a_5941006_x2.....guuUucaccaacagauccg..... 1
Gi5_8740795_x2.....guucucacccaaAagauccg..... 1
Gi3_28077110_x2.....ucgauuAccggcgccgga..... 1
Gi2_10954911_x2.....Cccggcguaguauaacgg..... 1
Gi3_28212126_x2.....gauucccgAcgccggagc..... 1
Gi3_28017590_x2.....gauccgggNucgauucc..... 1
Gi2_10872295_x2.....gCuucgauucccgccg..... 1
Gi2_10874581_x2.....uccggcguaguaCaacggcuagaa..... 1
Gi1_4141471_x2.....guucgauucccgccgagA..... 1
Gi1_4123331_x2.....uucucacGcaacagauccgg..... 1
Gi5_8760681_x2.....uccggcguaguauaacgCcuagaau..... 1
Gi3_28102444_x2.....gUcguaguauaacggcuaga..... 1
Gi1a_5900034_x2.....Aguucgauucccgccgga..... 1
Gi5_8799241_x2.....guucucacccaaAagauccg..... 1
Gi5_8735337_x2.....ugguucucacUcaacagauccg..... 1
Gi2_10921797_x2.....uuUgauucccgccgga..... 1
Gi1a_5935670_x2.....ugguucucacccaacagaCccg..... 1
Gi1_4115253_x2.....uccggAguaguauaacgg..... 1
Gi5_8829307_x2.....uccggcguaguauaacggcuagGa..... 1
Gi1a_5942324_x2.....Gccggcguaguauaacggcuagaa..... 1
Gi3_28065536_x2.....agaucUggguucgauucc..... 1
Gi3_28062436_x2.....uccggcguCguauaacggcu..... 1
Gi2_10912907_x2.....gguNcgauucccgccg..... 1
Gi5_8742179_x2.....gguucgauAcccgccgag..... 1
Gi1_4106855_x2.....gguucgauucccgccgAcg..... 1
Gi3_28104480_x2.....uucgauuccAgccgagc..... 1
Gi5_8721945_x2.....uccggcguaguauaacggcAagaa..... 1
Gi3_28164796_x2.....gguucgauuccGggcgc..... 1
Gi1a_5946596_x2.....gguucgauucccgccgAg..... 1
Gi5_8810763_x2.....gguuGgauucccgccg..... 1
Gi1_4129275_x2.....gguucgauuccCgcccgagc..... 1
Gi1_4130011_x2.....guucucacccaacaAauccg..... 1
Gi3_28021150_x2.....gNucgauucccgccgga..... 1
Gi2_10897531_x2.....guucgauAcccgccgag..... 1
Gi2_10991033_x2.....gguuGgauucccgcc..... 1
Gi3_27997574_x2.....gauuccggcggagU..... 1
Gi1_4151389_x2.....uccggcguagAuaaacggc..... 1
Gi3_28162628_x2.....gguuGgauucccgcc..... 1
Gi4_558114_x2.....uccgUcguaguauaacggcuaga..... 1
Gi5_8757095_x2.....Ggauuccggcggagcguuuc..... 1
Gi5_8744349_x2.....ugguucucacccGacagauccg..... 1
Gi2_10940445_x2.....guuNgauucccgccg..... 1

Gi1_4153631_x2.....uucucaccaUcagaucgg..... 1
 Gi3_28247670_x2.....cagauccAgguucgauucc..... 1
 Gi5_8785603_x2.....ucgauucccgAcgccggag..... 1
 Gi3_28010828_x2.....uccggcguagAauaacggcuagaa..... 1
 Gi1_4149101_x2.....uccCgcguaguauaacggcuag..... 1
 Gi1_4128985_x2.....Cuccggguucgauucccgccgg..... 1
 Gi3_28125892_x2.....uucucaUccaacagaucgg..... 1
 Gi1_4144975_x2.....uccggcguaguauaacggcCagaa..... 1
 Gi3_28026004_x2.....guucucaccaacagaucU..... 1
 Gi2_10838125_x2.....ccggUguaguauaacggcua..... 1
 Gi5_8781511_x2.....gguucucaccaacagaCc..... 1
 Gi3_28149540_x2.....uucucacccUacagaucggguuc..... 1
 Gi5_8752639_x2.....ggGucgauucccgccggcggagcguu..... 1
 Gi5_8784921_x2.....gauucgauucccgccggcggagcgcC..... 1
 Gi3_27985358_x2.....ucucacccNacagaucgg..... 1
 Gi5_8786395_x2.....ucucaccAaacagaucgg..... 1
 Gl1a_5897474_x2.....guucgauucccgccgcUggagc..... 1
 Gi1_4151871_x2.....ggguucgaNuuccggcgcggga..... 1
 Gi1_4100149_x2.....cAcaccaacagaucgg..... 1
 Gi4_556180_x2.....Auucgauucccgccgg..... 1
 Gi3_28073174_x2.....uugguuGucaccaacagauc..... 1
 Gi5_8770649_x2.....uccggcgGaguauaacgg..... 1
 Gi5_8731855_x2.....Gcagaucggguucgauucccgccgc..... 1
 Gi1_4139407_x2.....gguucgauucccgccgcUcgg..... 1
 Gi5_8764301_x2.....uucucaccNaacagaucggguu..... 1
 Gi3_28034640_x2.....uggCucucaccaacagau..... 1
 Gi1_4121287_x2.....uugguucucaccaacagaucgg..... 0
 Gi3_28060026_x2.....uucucaccaacCgaucgg..... 1
 Gi3_28204080_x2.....Nguucucaccaacagaucgg..... 1
 Gi2_10980421_x2.....guucgCuuccggcgcggga..... 1
 Gi2_10959557_x2.....uccggcguNguauaacggcu..... 1
 Gi3_27980764_x2.....Uucaccaacagaucgg..... 1
 Gi1_4115003_x2.....Cccggcguaguauaacggcu..... 1
 Gi3_28175786_x2.....Ggaucggguucgauucc..... 1
 Gi3_28091478_x2.....cucaccaacCgaucgg..... 1
 Gi3_28229254_x2.....ucGcaccaacagaucgg..... 1
 Gi2_10945881_x2.....uucgaCuuccggcgcgg..... 1
 Gi3_28135542_x2.....guucgauucGcggcgcgg..... 1
 Gi3_28147466_x2.....ucgauucccgccgcUggagc..... 1
 Gi3_28160534_x2.....uucgGuuccggcgcggagc..... 1
 Gl1a_5977502_x2.....ucUggcguaguauaacggcua..... 1
 Gi3_28079074_x2.....ucgauuccAggcgcggga..... 1
 Gi1_4095731_x2.....gguucucaccaacagUuccg..... 1
 Gl1a_5966164_x2.....uccggUguaguauaacggcuag..... 1
 Gi5_8822741_x2.....guucgauucccgccgcCa..... 1
 Gi3_28146992_x2.....caacagaucggguucgauuccA..... 1
 Gi1_4149379_x2.....gguucgauuccggcAccg..... 1

Gi2_10867705_x2.....uccggcguaguauUacggcua..... 1
Gi1_4119237_x2.....uccggAguaguauaacggcua..... 1
Gi5_8744307_x2.....uccggcguacuauaacggcua..... 1
Gi1_4109757_x2.....ugguGcucacccaacagauccgg..... 1
Gi1_4145699_x2.....Gcggcguaguauaacggcua..... 1
Gi3_28154320_x2.....caacagauccggguucgCuucc..... 1
Gi5_8811637_x2.....uccggcguaguauaacggAuag..... 1
Gi2_10848597_x2.....uucucacUcaacagauccg..... 1
Gi3_28117386_x2.....gguucgauucccggcUccg..... 1
Gi5_8826375_x2.....Nuucgauucccggcgcgg..... 1
Gi3_28194368_x2.....gguucgauucccggcgcggagcgC..... 1
Gi5_8822577_x2.....gguucgauucAcgggcgcg..... 1
Gi1_4091203_x2.....guucgauucccggcCccgga..... 1
Gi3_28002086_x2.....guucgauucccggcGccggag..... 1
Gi1_4122539_x2.....Accggcguaguauaacggc..... 1
Gi2_10978229_x2.....uucucacccaacUgauccg..... 1
G1a_5966242_x2.....uucgaCucccggcgcggagc..... 1
Gi3_28123278_x2.....uccggcguaguauaacggcuagaGu..... 1
Gi5_8812521_x2.....guucgauucAcgggcgcgga..... 1
Gi5_8787103_x2.....ucNggcguaguauaacgg..... 1
Gi5_8791119_x2.....Gcggguucgauucccggcgcgga..... 1
Gi1_4118443_x2.....uucgGuucccggcgcgg..... 1
Gi1_4147083_x2.....ggcguaguNuaacggcuag..... 1
Gi4_564492_x2.....uccggcguaguauaacggcuaAaau..... 1
Gi2_10851117_x2.....ugguucucacccaacagauAg..... 1
Gi2_10838901_x2.....guucgauucccgAcgccggag..... 1
Gi5_8811253_x2.....cgUuucccggcgcggagcguuuc..... 1
Gi1_4142993_x2.....ccggcguGguauaacggcuaga..... 1
Gi3_28084690_x2.....guucucacNcaacagauccgg..... 1
Gi1_4154957_x2.....guucucacAcaacagauccgg..... 1
Gi3_28140736_x2.....ucgaGuucccggcgcggag..... 1
Gi1_4118461_x2.....ggAucgauucccggcgcggga..... 1
Gi1_4116457_x2.....gguucucaccAaacagauccg..... 1
Gi5_8819389_x2.....uugguucucacccaacagauUg..... 1
Gi3_28150512_x2.....uccggcguauauaacggc..... 1
Gi5_8745723_x2.....gguucgauAcccggcgc..... 1
G1a_5921074_x2.....gguucgauucccggcgcggagA..... 1
Gi3_28183034_x2.....uccggcguaguauUcggc..... 1
Gi2_10859405_x2.....uucucacccaacagauccA..... 1
Gi3_28022676_x2.....uucgauucccggcgcggagcA..... 1
Gi2_10973233_x2.....guucgauucccggcGccgg..... 1
Gi2_10831947_x2.....Gucgauucccggcgcggga..... 1
Gi3_28044656_x2.....uccggcguaguauGcggcu..... 1
Gi2_10886137_x2.....gAuucgauucccggcgcgg..... 1
Gi1_4127477_x2.....uucgauucccAgcgcgg..... 1
Gi1_4106033_x2.....gguucgauuccAggcgcggga..... 1
Gi3_28094166_x2.....gguucucacccaCagauccgg..... 1

Gi1_4151585_x2.....uccggcguagGauaacggc..... 1
 Gi3_28166684_x2.....guucgauucccgUcgccg..... 1
 Gi5_8809121_x2.....uccggcgAaguaaacggcuaga..... 1
 Gi2_10904021_x2.....uccggcguCuauaacggcuaga..... 1
 Gi2_10973467_x2.....caacagauccggguucgauucc..... 0
 Gi3_27980270_x2.....gguNcucaccaacagauccg..... 1
 Gi1_4125815_x2.....gguucucacccaaUagauccg..... 1
 Gi2_10965185_x2.....ucgGuucccgggcgcggagc..... 1
 Gi5_8723201_x2.....uccgAcguaguauaacggcua..... 1
 Gi3_28078074_x2.....guucgauGccggcgccgg..... 1
 G1a_5908756_x2.....uuUucacccaacagauccg..... 1
 Gi1_4100751_x2.....gguucgauucccgggcgcggAa..... 1
 Gi1_4117015_x2.....cGggcguaguauaacggcu..... 1
 Gi1_4116277_x2.....uucgauucccgggcgcgggaU..... 1
 Gi3_28259230_x2.....guucucacUcaacagauccg..... 1
 G1a_5905292_x2.....gguucgauucccgggcgcggC..... 1
 Gi3_28166900_x2.....cgauucAcggcgccggagc..... 1
 Gi3_28084158_x2.....Cgguucgauucccgggcgcggag..... 1
 G1a_5952986_x2.....guucgauucccgggcgcggagU..... 1
 Gi2_10935313_x2.....uccggcguaguauaacggUuagaa..... 1
 Gi1_4135609_x2.....uucuGacccaacagauccgg..... 1
 Gi3_28115858_x2.....uUcggguucgauucccgggcgcggga..... 1
 Gi3_28081378_x2.....ucucacccGacagauccg..... 1
 Gi4_564144_x2.....guucgauucccgggcgcggagcA..... 1
 Gi2_10922863_x2.....guucgauAcccgggcgcgg..... 1
 G1a_5911236_x2.....uGcgauucccgggcgcggagc..... 1
 Gi2_10978487_x2.....gaAuuccggcgccggagc..... 1
 Gi3_28167666_x2.....cagauccggguucgauuccU..... 1
 Gi3_28048824_x2.....uugguucucacccaacCgaucc..... 1
 Gi2_10848903_x2.....uGcggcguaguauaacggcu..... 1
 Gi3_28254224_x2.....guucgaGuuccggcgccg..... 1
 Gi5_8775169_x2.....uccggcguaguauUacgg..... 1
 Gi2_10928561_x2.....uccggcguaguauaacggAua..... 1
 G1a_5974960_x2.....ggCucgauucccgggcgcggag..... 1
 Gi2_10977695_x2.....guucgauucccgggcgcgggaA..... 1
 Gi5_8774761_x2.....uccggcguaguaAaacgg..... 1
 Gi2_10886403_x2.....guucgauAcccgggcgcggga..... 1
 Gi3_28217236_x2.....uucgauucccgAgccgga..... 1
 Gi3_28236582_x2.....guucgauCccggcgccg..... 1
 Gi5_8730009_x2.....gguucgauAcccgggcgcgg..... 1
 Gi5_8775529_x2.....cucacccUacagauccg..... 1
 Gi5_8748139_x2.....Gagauccggguucgauucccggcgg..... 1
 Gi5_8808045_x2.....cucacccaacagauAcgg..... 1
 Gi1_4101387_x2.....gguucgauucccgggcgcgggaA..... 1
 Gi5_8793103_x2.....cgauucccgggcgcggagcC..... 1
 Gi1_4118543_x2.....guucgauucccgggcgcggC..... 1
 Gi4_553262_x2.....gguucgauNcccggcgcggagc..... 1

Gi3_28199080_x2.....gguucgauucccgccUgag..... 1
 Gi3_28118232_x2.....guucucacAcaacagauccgg..... 1
 Gi3_28201694_x2.....guucucacccaacagaucGg..... 1
 Gi3_28154066_x2.....gguucucaNccaacagauccgggu..... 1
 Gi5_8730799_x2.....guucgauucGcggcgcg..... 1
 Gi1_4125009_x2.....ucGcaccaacagauccgg..... 1
 Gi3_28038396_x2.....ucgauucccgccGggagc..... 1
 Gi5_8740929_x2.....gAuucucacccaacagauc..... 1
 Gi3_28052776_x2.....cucaccaaUagauccgg..... 1
 Gi5_8721061_x2.....ucucacccaacGgauccg..... 1
 Gi2_10898493_x2.....guucucaccUaacagauccg..... 1
 Gi3_28027976_x2.....uccggcguaguaGaacggc..... 1
 Gi2_10830033_x2.....uccggcguaguCuaacgg..... 1
 Gi5_8803873_x2.....gcuaguauaacggcuag..... 0
 Gl1_5918104_x2.....uccggcguauAuaaacggcuaga..... 1
 Gi3_28136020_x2.....uucGcaccaacagauccg..... 1
 Gi2_10976811_x2.....gguucgauucccgccUga..... 1
 Gi3_28231734_x2.....cgauucccgccGcggagc..... 1
 Gl1_5955874_x2.....gguucgauucccgccggCg..... 1
 Gi2_10874447_x2.....uccggcguagCauaacggcuagaau..... 1
 Gi2_10933965_x2.....ugguucuUaccaacagauccg..... 1
 Gi1_4124701_x2.....ucCaccaacagauccgg..... 1
 Gi2_10959617_x2.....gauucccgccggUgc..... 1
 Gi1_4140037_x2.....uccggcguNguauaacggcuagaau..... 1
 Gi2_10981625_x2.....uucucaccAaacagauccg..... 1
 Gi5_8740013_x2.....uAcggcguaguauaacggcuaga..... 1
 Gi1_4142901_x2.....gguuUgauucccgccggga..... 1
 Gl1_5964870_x2.....uccggcguaguauaacggcuagaauugguug..... 0
 Gi1_4115211_x2.....cUgcguaguauaacggcu..... 1
 Gi1_4105643_x2.....uucucaccccCacagauccgg..... 1
 Gi5_8738645_x2.....uucucacccaacagGuccgg..... 1
 Gl1_5894212_x2.....uccggcguagCauaacggcuag..... 1
 Gi4_564356_x2.....guucucacccaacagauccgg..... 0
 Gl1_5939658_x2.....guucucacccaacGgauccg..... 1
 Gi1_4100309_x2.....uccggcguagCauaacggcuagaa..... 1
 Gi5_8729459_x2.....guucgauuccAggcccggagc..... 1
 Gi3_27984222_x2.....guucgauucccgccgggaU..... 1
 Gi3_28169138_x2.....uAcgauucccgccggagc..... 1
 Gi5_8719709_x2.....uucAcaccaacagauccg..... 1
 Gi3_28174146_x2.....ucAcaccaacagauccg..... 1
 Gi3_28162802_x2.....gauucAcggcggcggagc..... 1
 Gi5_8820989_x2.....uccggcguaguauaacCgcuag..... 1
 Gi2_10831301_x2.....guucgauucAcggcggcggga..... 1
 Gi2_10947009_x2.....guucucaUccaacagauccg..... 1
 Gi2_10944301_x2.....Agguucucacccaacagauccg..... 1
 Gi5_8790799_x2.....guucUauucccgccggag..... 1
 Gi4_559706_x2.....uccggcguaguauaacggcCag..... 1

Gi3_28123760_x2.....uccggcguaguauaUcggcuag.....1
Gi2_10831105_x2.....uGcgauuccggcgccgga.....1
Gi3_28239946_x2.....ucgauuccggcgccggC.....1
Gi1_4120257_x2.....ggguucgauCcccgcgccgga.....1
Gi2_10967907_x2.....ugguucuAacccaacagauccg.....1
Gi1_4091035_x2.....ugguucucaccccUacagauccgg.....1
Gi5_8731585_x2.....guucgaAucccgcgccggagc.....1
Gi3_27990064_x2.....uccggcguaguUuaacggcuagaa.....1
Gi5_8738921_x2.....guucgauuccggcgAccggagc.....1
Gi1_4153745_x2.....gguucucaUccaacagauccg.....1
Gi1_4145897_x2.....accaacaNaucgggguucgauuccg.....1
Gi3_28171068_x2.....gguucgauuccggcgGcg.....1
Gi2_10972823_x2.....gguucucacccaaAagauccg.....1
Gi2_10904223_x2.....uccggcgCaguauaacggcuag.....1
Gi5_9125734_x1.....uucucacccaacagGuccggguuc.....1
Gi1_4329538_x1.....guucgauuccAgggcgccg.....1
Gi3_28654841_x1.....guucucacccaCcagauccggg.....1
Gi3_28909365_x1.....uccggcguaguauaacggcuau.....1
Gi5_8946460_x1.....guucucUcccaacagauccg.....1
Gi3_28766235_x1.....caacagauccggguucgC.....1
Gi1_4283066_x1.....gAuucgauuccggcgcc.....1
Gi2_11299054_x1.....ucgauuAccggcgccggagc.....1
Gi2_11009191_x1.....cccaacagNuccggguuc.....1
Gi1_4365740_x1.....ucgUuuccggcgccggagc.....1
Gi2_11197426_x1.....uccggcguaguauaCcgguag.....1
Gi3_28609483_x1.....ucgauuccggcgccggUgc.....1
Gi2_11271890_x1.....ucgauuccggcgccgAa.....1
Gi2_11384375_x1.....uccggcguaguCuaacggcuagaau.....1
Gi5_8990686_x1.....ccggcguaguGuaacggcua.....1
Gi5_8994205_x1.....cggcguagNauaacggcuag.....1
G1a_6356277_x1.....uccggcguaguauaacggcuagaUugguugg.....1
Gi1_4388420_x1.....gguucgaAucccgcgccgg.....1
Gi3_28526989_x1.....cGggcguaguauaacggc.....1
Gi3_28796834_x1.....uccggcguaguauaaGggcuagaau.....1
G1a_6065574_x1.....uccgUcguaguauaacgg.....1
G1a_6154052_x1.....uccgCcgguaguauaacggcuag.....1
Gi1_4268067_x1.....gguucucacccaacaAauccgg.....1
Gi5_9046109_x1.....cggcguUguauaacggcuagaau.....1
Gi1_4361395_x1.....uucgauuccggcUccgg.....1
Gi2_11002167_x1.....ugguucucacAcaacagauccg.....1
Gi1_4382064_x1.....uccggcguaguUuaacggcuaga.....1
Gi5_9037534_x1.....uucucacccaacagaGccg.....1
Gi2_11350563_x1.....ucGggcguaguauaacggcuagaau.....1
Gi5_8907107_x1.....gguuAgauuccggcgccgg.....1
Gi3_28339698_x1.....guucucacccaacCgauccgggu.....1
Gi2_11161412_x1.....cucacccaacagauccAg.....1
Gi1_4327807_x1.....ucanccaacagauccgggu.....1

Gi3_28573501_x1.....ucaccaGcagauccggguuc..... 1
Gi5_8929645_x1.....guucucacUcaacagauccgg..... 1
G1a_6149789_x1.....guucucaccUaacagauccg..... 1
Gi2_11323640_x1.....GUGuucgauuccggcgccggag..... 1
Gi5_9026152_x1.....guucucaGccaacagauccgg..... 1
Gi5_8901742_x1.....cggcguaguauaCggcuaga..... 1
Gi5_9021819_x1.....ugguucucacccaacagauCGg..... 1
Gi2_11138380_x1.....ucgauuccggcgGggagc..... 1
Gi1_4271575_x1.....gAuucgauuccggcgccggag..... 1
Gi1_4323736_x1.....cgauuccggcgccggagcguuA..... 1
Gi5_8837034_x1.....guuGucacccaacagauccg..... 1
Gi2_11203524_x1.....uggCucucacccaacagaucc..... 1
Gi5_8843127_x1.....Ucagauccggguucgauuccggcg..... 1
Gi1_4349061_x1.....Gcagauccggguucgauucc..... 1
Gi1_4317254_x1.....gguuAgauuccggcgccggagc..... 1
Gi5_8895369_x1.....gauuccggcgGAggagc..... 1
G1a_6321473_x1.....uucgauuccggAgccggagc..... 1
Gi3_28310326_x1.....gauccggguCcgauucc..... 1
Gi3_28425353_x1.....caacagauccgggCucgauucc..... 1
Gi2_11218470_x1.....ggguucgauuccggcgccggagcGA..... 1
Gi1_4278122_x1.....uccggcguaguauUacggc..... 1
Gi3_28392848_x1.....gguucgauuccggcgccggagcUu..... 1
Gi1_4187177_x1.....ccggcguaguauaacggcuGgaa..... 1
Gi4_574850_x1.....guucgGuuccggcgccgga..... 1
Gi2_11077775_x1.....uucucacccaGcagauccgg..... 1
G1a_6139298_x1.....uucucaccAaacagauccg..... 1
Gi3_28856543_x1.....cguaguauaacggcuGga..... 1
Gi3_28723782_x1.....Agguucgauuccggcgccgga..... 1
Gi3_28920241_x1.....caacagauccggguucgGuucc..... 1
G1a_6026247_x1.....guucUauuccggcgccgg..... 1
Gi5_8923941_x1.....cucacAcaacagauccgg..... 1
Gi1_4307754_x1.....uccggcguaguauaacggcuCgaa..... 1
Gi1_4246193_x1.....Agcguaguauaacggcu..... 1
Gi1_4220943_x1.....ccggcguaguauaacCgcuaaga..... 1
Gi5_9020042_x1.....ccggcguGguauaacggcuagaau..... 1
Gi3_28281794_x1.....ggguucgauuccUggcgccgga..... 1
Gi5_8849782_x1.....gguucgauuccggcgccggGgcguuu..... 1
Gi5_9037758_x1.....ucNcaccacacagauccg..... 1
Gi1_4316550_x1.....gguucgauAcccgcgccggagc..... 1
Gi5_8836994_x1.....uccggcguCuauaacggcuagaa..... 1
Gi5_9100445_x1.....ucucacccCacagauccg..... 1
Gi1_4173855_x1.....ccgAcguaguauaacggcuag..... 1
Gi1_4274785_x1.....caacagauccgAguucgauuccggc..... 1
Gi2_11291518_x1.....cucacccaacagauccgC..... 1
Gi5_8898062_x1.....ggcguaguauaacggUuaga..... 1
Gi5_8924460_x1.....ugguucucaGccaacagauccg..... 1
Gi5_8907153_x1.....gguucucaGccaacagauccg..... 1

Gi3_28873117_x1.....cucGcccaacagauccggguucgauu..... 1
Gi3_28894219_x1.....ugguucucacccaUcagauccg..... 1
Gi5_8858134_x1.....gguAcucacccaacagauc..... 1
Gi5_8974423_x1.....caccaacagauccgggAucga..... 1
Gi3_28471742_x1.....ucucacAaacagauccgg..... 1
Gi3_28311531_x1.....Aagauccggguucgauucc..... 1
Gi1_4190688_x1.....gCuucucacccaacagauccgg..... 1
Gi5_8952778_x1.....gguucgauucccggcUgag..... 1
Gi4_604592_x1.....gguucgauUccggcgccg..... 1
Gi3_28745510_x1.....gguucucacccaacagauccAg..... 1
Gi2_11146581_x1.....Cgguucucacccaacagaucc..... 1
Gi3_28346336_x1.....guucucacccaUcagauccg..... 1
Gi1_4174400_x1.....guucucacccaUcagauccg..... 1
Gi3_28690571_x1.....uccggcguaguauaacgCcuagaau..... 1
G1a_5987938_x1.....uccggcguCguauaacggcuagaau..... 1
Gi2_11130143_x1.....cagauccggguucgauucccggcAgag..... 1
Gi5_9062397_x1.....ucgauucccgUgcccggag..... 1
Gi2_11163367_x1.....ugguucGcaccaacagauccg..... 1
Gi5_9027416_x1.....uucGcacccaacagauccg..... 1
Gi5_9038197_x1.....gguucUauucccggcg..... 1
Gi2_11274941_x1.....guucgauucccggcCccgga..... 1
Gi3_28502031_x1.....ucgauucccggcgcccggGg..... 1
Gi3_28683519_x1.....ucucacccNacagauccg..... 1
Gi5_9001980_x1.....guucgauGcccggcgccg..... 1
Gi1_4367709_x1.....cGgauccggguucgauucccggcg..... 1
Gi1_4373113_x1.....cccaacUgauccggguuc..... 1
Gi3_28578201_x1.....guucucacccaacagauGcgg..... 1
Gi5_9050029_x1.....gauccggguucgauucccgUgcccgga..... 1
Gi5_8978051_x1.....ugguuUucacccaacagauccgggu..... 1
G1a_6235090_x1.....gguucgauucccggcAccgg..... 1
Gi4_598497_x1.....gguucgauucccgAcgcccg..... 1
Gi5_8887075_x1.....gguucgUuucccggcgcccg..... 1
Gi5_9127316_x1.....cccaacagauccggguucgau..... 0
Gi4_572457_x1.....gguucgCuucccggcgcccg..... 1
Gi1_4186427_x1.....guucAauucccggcgcccggag..... 1
Gi5_9108440_x1.....uccggcguNguauaacggcu..... 1
Gi5_9088288_x1.....uccNgcguaguauaacggcuaga..... 1
Gi3_28748580_x1.....cgauucccggcgcccggagU..... 1
Gi3_28495574_x1.....agauGcggguucgauucc..... 1
Gi3_28584321_x1.....agauccggguucgauucccggcgcccggGg..... 1
Gi5_8946036_x1.....ccggcguaguauaaAggcua..... 1
Gi3_28732519_x1.....uugguucucacccCacagaucc..... 1
Gi5_8942160_x1.....uccggcguaguauUcggcuagaau..... 1
Gi2_11292688_x1.....uucucacccaacagauUcg..... 1
Gi4_578696_x1.....uccggcguaguGuaacggcu..... 1
G1a_6160626_x1.....gAuucgauucccggcgcccggagc..... 1
G1a_5999126_x1.....uccggcguaguauaacggcCa..... 1

Gi1_4325900_x1.....caacagGuccggguucgauucccggc..... 1
Gi5_9038163_x1.....gguucCauucccggcgaggagc..... 1
Gi3_28692859_x1.....guucucacccaacGgauccggu..... 1
Gi5_8970648_x1.....Cccggcguaguauaacggcu..... 1
Gi5_8897594_x1.....uucucacccaacagauccGagu..... 1
Gi3_28467988_x1.....cgauuccgggcgggagcguu..... 0
Gi3_28852957_x1.....uucucacccaacagauccggguucga..... 0
Gi3_28967539_x1.....gguucucacccaacagauGcg..... 1
Gi5_9089016_x1.....guucucCcccaacagauccgg..... 1
Gi5_8962395_x1.....ugCuucucacccaacagauccg..... 1
Gi5_9092731_x1.....gguucucaccAaacagau..... 1
Gi2_11191680_x1.....cggcguaguauaaUggcua..... 1
G1a_6333977_x1.....uCcucacccaacagauccgg..... 1
Gi3_28617574_x1.....gguuUucacccaacagaucc..... 1
Gi5_8853277_x1.....ccAgcguaguauaacggcua..... 1
Gi5_8892886_x1.....uccggcguaguauaacggcuagaaAg..... 1
Gi5_9015306_x1.....guucgauGcccgggcggg..... 1
Gi1_4249945_x1.....Ucggcguaguauaacggcu..... 1
Gi3_28501236_x1.....uNcggcguaguauaacggcuaga..... 1
Gi3_28500151_x1.....gguucgauucccgggcGA..... 1
Gi3_28816522_x1.....uAcgauuccgggcggcgg..... 1
Gi3_28426142_x1.....uccggguucgCuuccgggcggga..... 1
Gi2_11031774_x1.....cAauuccgggcgggagcguuuc..... 1
Gi3_28430870_x1.....ccggcAuaguauaacggc..... 1
Gi2_11125660_x1.....Nggucucacccaacagaucc..... 1
Gi5_8838283_x1.....ugUucucacccaacagauccggg..... 1
Gi2_11251255_x1.....uccggcguaguauaacCgcuagaa..... 1
Gi3_28333127_x1.....Ucagauccggguucgauucc..... 1
Gi3_28813576_x1.....ucNggcguaguauaacggcuag..... 1
Gi5_8928999_x1.....ugguucucacAaacagauccggg..... 1
Gi2_11075509_x1.....uucgaAuuccgggcgggag..... 1
Gi1_4352042_x1.....uccggcguaguauaacggcuagUa..... 1
Gi5_9018585_x1.....gguucgaAuuccgggcgggag..... 1
Gi5_9118190_x1.....ugguucucNcccaacagauccgg..... 1
Gi2_11404082_x1.....uccggcguaguUuaacggcuagaa..... 1
Gi2_11168016_x1.....ccggcguGguauaacggc..... 1
Gi3_28313780_x1.....cccaacagauccggguucgauucUc..... 1
Gi1_4217533_x1.....gguCcgauuccgggcgc..... 1
Gi5_9047258_x1.....gguucgauucccgAcgcccggagcgu..... 1
Gi5_9077616_x1.....uucgauuccgggcgggagcguuucc..... 0
Gi5_9091215_x1.....uggAucucacccaacagauccg..... 1
Gi5_8946059_x1.....uccUgcguaguauaacggcuagaa..... 1
Gi5_8866945_x1.....ugguucucacccaacagauUgg..... 1
Gi1_4236220_x1.....uccggGguaguauaacggcuag..... 1
Gi5_8843474_x1.....Ccucacccaacagauccgg..... 1
Gi1_4368857_x1.....ggNucgauuccgggcggcgg..... 1
Gi3_28972842_x1.....gauuccCgcgggagc..... 1

Gl1a_6336195_x1.....gGucgauucccgcgccgga..... 1
Gi3_28457208_x1.....gguucucaccccGacagauccgggu..... 1
Gi2_11039943_x1.....uccggcguagGauaacggcuagaau.....guucgauucccUgcgccg..... 1
Gi5_9082007_x1.....uccggcguagGauaacggcuagaau..... 1
Gi2_11189622_x1.....uccggcguagGauaacggcuagaau.....uucgauucccgcgUcgg..... 1
Gi2_11362987_x1.....gguucgauucccCgcgcc..... 1
Gi3_28625165_x1.....cucacccaacagauUcgg..... 1
Gi1_4215364_x1.....ugguucucacccaacCgauccg..... 1
Gl1a_6136401_x1.....uccggcCuaguauaacgg..... 1
Gi5_8970092_x1.....uucgauucccgcgUcgg..... 1
Gi2_11292939_x1.....guucgauUccggcgccggag..... 1
Gi5_8947925_x1.....guucgauucccgcgccgAag..... 1
Gi5_8916686_x1.....uucgauucccgcgccAg..... 1
Gi1_4161951_x1.....uccggcguaguauaaGgg..... 1
Gi5_9088549_x1.....uccggcguaguauaaUcggcu..... 1
Gi5_8990706_x1.....ucucacccaacUgauccg..... 1
Gi4_587679_x1.....gauucccgcgccggagcC..... 1
Gi3_28525201_x1.....uugguucucacccaacaAaucc..... 1
Gi5_9099788_x1.....aguccggcguagGauaacggcu..... 1
Gi2_11077824_x1.....aUcagauccggguucgauucccgcgccg..... 1
Gi3_28557731_x1.....cagauccggguucgaCuccc..... 1
Gi4_595506_x1.....gguuUgauucccgcgccg..... 1
Gi1_4193508_x1.....caacagauccggguucgauUcggc..... 1
Gi5_9104398_x1.....cUcccaacagauccggguucga..... 1
Gi2_11215724_x1.....guuNgauucccgcgccggag..... 1
Gi5_8868571_x1.....guuNgauucccgcgccgga..... 1
Gi5_9111668_x1.....uugguucucacccaaUgauccg..... 1
Gi2_11104122_x1.....gGucucacccaacagauccgggu..... 1
Gi1_4260944_x1.....gguucucacccaacGgauccgg..... 1
Gi3_28629367_x1.....ugguuAucacccaacagauccg..... 1
Gi5_8932518_x1.....ggguucgauUccggcgccggagc..... 1
Gi5_9070166_x1.....ucuUacccaacagauccgg..... 1
Gi3_28953674_x1.....ccggcguaguauaaAggc..... 1
Gi1_4338121_x1.....auccggguucgGuucccgcgccg..... 1
Gl1a_6087353_x1.....gguucgauucccCgcgccgga..... 1
Gi4_603168_x1.....ucUggcguaguauaacgg..... 1
Gl1a_6341186_x1.....uccggcguaguauaacggcCagaau..... 1
Gi2_11066010_x1.....uucgauucccgcgAcggagc..... 1
Gi2_11269785_x1.....guucgauucccgcgGcggag..... 1
Gi5_9061390_x1.....uAcggcguaguauaacggcuagaau..... 1
Gi3_28519129_x1.....cgauAcccgcgccggagc..... 1
Gi1_4262085_x1.....uccggcguaguauaacggcuaC..... 1
Gi2_11223709_x1.....ucgauUccggcgccggag..... 1
Gi3_28767525_x1.....ucgCuucccgcgccggagc..... 1
Gl1a_6038980_x1.....gguucgauucccgUgcggagc..... 1
Gi3_28550482_x1.....cuaUccaacagauccgg..... 1
Gl1a_6345035_x1.....ugguucCacccaacagauccg..... 1

Gi1_4368827_x1.....gguucgauucccgcgccCgagc..... 1
Gi5_8895229_x1.....ugguucucacccaacagauccA..... 1
G1a_6163184_x1.....uccggcguaguauaacggcuaAa..... 1
G1a_6020122_x1.....uccggcguaguauaacgCcuag..... 1
Gi3_28465157_x1.....ugguucucacccaacagauccU..... 1
Gi3_28356424_x1.....cggcguaguauaaUggcuaga..... 1
Gi1_4348404_x1.....guucucacccaaGagauccg..... 1
Gi1_4206593_x1.....guucucacccaacagaCccg..... 1
Gi2_10999928_x1.....gguucgauuccGggcgccgga..... 1
Gi4_600522_x1.....Cuucucacccaacagauccg..... 1
Gi3_28883800_x1.....uucucacGcaacagauccggguuc..... 1
Gi3_28985309_x1.....ggcguaguauaacggGuaga..... 1
Gi3_28934251_x1.....uccggcguaguUuaacggcuagaau..... 1
Gi4_610398_x1.....cucacccaacagauccggguCcg..... 1
Gi3_28376579_x1.....guucgauUccggcgccg..... 1
G1a_6149094_x1.....uccgAcguaguauaacggc..... 1
Gi5_8851989_x1.....uucucGcccaacagauccg..... 1
Gi2_11118619_x1.....cgUuuccggcgccggagcguuu..... 1
Gi5_8879346_x1.....guucucacccaacagaAccg..... 1
Gi5_9067315_x1.....ccaacagauccgAguuc..... 1
Gi5_8991770_x1.....cggcguaguuaCcgguagaau..... 1
Gi5_9005272_x1.....uccggcguaguauaacggcuUgaau..... 1
Gi3_28335121_x1.....uccggcguagGauaacggcuagaa..... 1
G1a_6021875_x1.....guucucacccaacagauccAg..... 1
Gi2_11301120_x1.....cgauucccNgcgccggagcguuuc..... 1
Gi2_11078882_x1.....uccggcguaguauaacgAcuagaa..... 1
Gi3_28280924_x1.....guucgauuccggcgCccggagc..... 1
Gi3_28940332_x1.....Ugauccggguucgauucc..... 1
G1a_6265864_x1.....uAcggcguaguauaacggcuag..... 1
Gi3_28671000_x1.....gguucgauuccggcgccggagcG..... 1
Gi3_28513235_x1.....uNcggcguaguauaacgg..... 1
Gi5_8872269_x1.....guucgauuccggcgUcggag..... 1
Gi3_28565650_x1.....caacagauccggguucgauCccc..... 1
Gi2_11056791_x1.....agauccggAuucgauucc..... 1
Gi3_28348399_x1.....ugguucucacccaacagUuccg..... 1
Gi2_11236176_x1.....uccggcAuaguauaacggcuag..... 1
G1a_6076007_x1.....uccggcguaguauaacAgcuagaau..... 1
Gi5_8890299_x1.....ugguucucacccaacagauccAg..... 1
Gi5_8888853_x1.....guucgauuccggcgGcggagc..... 1
Gi5_9120349_x1.....ucgauuAccggcgccggagc..... 1
Gi5_8938454_x1.....gguucucacccaacagCuccgggu..... 1
Gi2_11097809_x1.....uucgauucAcggcgccgg..... 1
Gi3_28945273_x1.....uugguucucUcccaacagaucc..... 1
Gi2_11180345_x1.....Ugguucgauuccggcgccggagc..... 1
Gi3_28365432_x1.....ugguucuAacccaacagauccg..... 1
Gi2_11061510_x1.....ucUggcguaguauaacggcu..... 1
Gi1_4325094_x1.....guAcgauuccggcgccg..... 1

Gi3_28315274_x1.....cagaGccggguucgauuccggcgccgg.....1
Gi3_28263398_x1.....cguaguauaacggcuagC.....1
Gi1_4159385_x1.....aGccggguucgauuccggcgccgga.....1
Gi3_28665053_x1.....agaucggguucgauuAcc.....1
Gi1_4369953_x1.....gguucgauuccAggcgcccggagc.....1
Gi1_4176742_x1.....aacagauccggguucgauuccggUgccgg.....1
Gi1_4217601_x1.....gguucucacccaacCgauccgg.....1
Gi1_4274906_x1.....uucucaccccCacgauccg.....1
Gi5_8978627_x1.....gguucucacccaacagauGcg.....1
Gi4_582552_x1.....gguCcgauuccggcgccgg.....1
Gi3_28404516_x1.....uccggcguaguauaacggcuU.....1
Gi3_28448279_x1.....guucCauuccggcgccggag.....1
Gi1_4314438_x1.....gguucucacccaacaAauccgg.....1
G1a_6153473_x1.....gguucgauucAcggcgccgga.....1
Gi2_11379186_x1.....cgauuccggcgccggagcguuuA.....1
Gi4_584974_x1.....Cuucgauuccggcgccgg.....1
Gi5_8873819_x1.....uugguucucacccaacagGuccg.....1
Gi1_4171366_x1.....gguucgauuccggcgCAgga.....1
Gi5_9071985_x1.....ucucacccaacagauGcgggu.....1
Gi4_576983_x1.....guucAauuccggcgccgg.....1
Gi3_28647294_x1.....ugguGcucacccaacagauccg.....1
Gi2_11265383_x1.....ugguucucacccaacagauAcc.....1
Gi1_4205978_x1.....cUggcguaguauaacggcua.....1
Gi5_9042488_x1.....uugguucCcacccaacagauccg.....1
Gi3_28419842_x1.....ggcguaguauaacggcuagaaC.....1
Gi5_8941816_x1.....gguucUauuccggcgccgg.....1
Gi5_9027678_x1.....accaacagauccggAuucgauucc.....1
Gi3_28923891_x1.....Ugauccggguucgauuccc.....1
Gi5_8878632_x1.....cucacccaacaAauccgg.....1
Gi1_4288143_x1.....Gcggcguaguauaacggcuag.....1
Gi2_11387347_x1.....uccggcguaguauaacgCcu.....1
Gi5_9129758_x1.....gguucgauuccggcgccGg.....1
Gi3_28886212_x1.....gcguaguauaacggcuagG.....1
Gi2_11071155_x1.....cucacccaacagauccCg.....1
Gi3_28926284_x1.....uccggcguaUuauaacggcuagaa.....1
Gi3_28294130_x1.....guucgauuccggcgccgCag.....1
Gi3_28668767_x1.....ugguucucUcccaacagauccg.....1
Gi5_8948110_x1.....Agcguaguauaacggcuagaa.....1
Gi1_4240077_x1.....cagauccgNguucgauuccggcgcc.....1
Gi5_9007798_x1.....ucGcacccaacagauccgg.....1
Gi5_9056183_x1.....accaacagauccggguucgauCcc.....1
Gi5_9101593_x1.....guucucacccaacagCuccgg.....1
Gi1_4160066_x1.....gguucgUuuccggcgccggag.....1
Gi1_4387764_x1.....ugguucucacccaacagaGccg.....1
Gi1_4316704_x1.....gguucgauuccggcgccgUag.....1
Gi2_11355574_x1.....aguccggcguaguauaaUggcuaga.....1
Gi3_28544578_x1.....uccggcguaguauaacggcuagaaG.....1

Gi3_28509361_x1.....gCucgauucccgcgccggagcg..... 1
Gi4_570039_x1.....guucgauucccggcAccggag..... 1
Gi3_28368155_x1.....ggNucgauucccgcgccgga..... 1
G1a_6246781_x1.....uUcggcguaguauaacggcua..... 1
Gi2_11323443_x1.....Ucggcguaguauaacggcuaga..... 1
Gi2_11127044_x1.....ucgauucccgcgccggagcA..... 1
Gi1_4171915_x1.....guucgauucUcggcgccg..... 1
Gi2_11026130_x1.....uccggGguaguauaacggcuag..... 1
Gi1_4248429_x1.....guucgauuccGggcgccg..... 1
Gi1_4194882_x1.....uGcggguucgauucccgcgccgga..... 1
Gi5_9116548_x1.....ugguucuUaccaaacagauccgggu..... 1
Gi3_28668874_x1.....caacagauccggguucgauucccgcgccggagc..... 0
Gi3_28799809_x1.....uccggcAuaguauaacggcuagaau..... 1
Gi2_11060369_x1.....uccggcguaguauaacggcuagauggu..... 0
Gi5_8913058_x1.....ucgauucccgcgccggGg..... 1
Gi3_28682632_x1.....cucacccaacagauccGg..... 1
Gi3_28310905_x1.....ucgauucUcggcgccgga..... 1
Gi5_8935009_x1.....uucucacccaacagaCccggguuc..... 1
Gi3_28624239_x1.....cCacccaacagauccggguucgauucc..... 1
Gi3_28584570_x1.....Cucgauucccgcgccgg..... 1
Gi3_28546806_x1.....cgauucccgAcgccggagc..... 1
G1a_6024655_x1.....guucgauucccgcgccggC..... 1
Gi5_8970129_x1.....ugguucucacAcaacagauccg..... 1
Gi5_8982493_x1.....gguucgauucccgcgccgGg..... 1
G1a_6272640_x1.....guCcgauucccgcgccggagc..... 1
Gi3_28344005_x1.....cccaacagauccUggguucgauucc..... 1
Gi1_4333676_x1.....ugguucucacccaacUgaucgg..... 1
Gi2_11057976_x1.....uuNucacccaacagauccg..... 1
Gi5_9061607_x1.....ggAucucacccaacagauccgg..... 1
Gi5_9012621_x1.....uucucacccaacagauccggguC..... 1
Gi2_11311502_x1.....uccggguucgCuucccgcgccgga..... 1
Gi1_4348403_x1.....uccggcguaguauaacUgc..... 1
Gi3_28426008_x1.....ucgauuAccggcgccggagc..... 1
Gi5_9082065_x1.....gguucgauuGccggcgccg..... 1
Gi5_8945493_x1.....Auaguauaacggcuagaau..... 1
Gi2_11317674_x1.....guucucaccAaacagauccgggu..... 1
Gi2_11146961_x1.....gguucgauucccgcgccggagcgC..... 1
Gi3_28534135_x1.....uucucacccaacagauccU..... 1
Gi4_604450_x1.....gguucucacccaacGgaucgg..... 1
Gi5_8869804_x1.....ggcguaguauaCcgguag..... 1
Gi3_28742968_x1.....cccNacagauccggguucgauucc..... 1
Gi5_8873427_x1.....cucacccaacagauccUg..... 1
Gi5_9012390_x1.....gguucgauucccgcgccUggagcguu..... 1
Gi3_28565667_x1.....auuccggcgccggagcCu..... 1
G1a_6256295_x1.....guucgauucUcggcgccgga..... 1
Gi5_8877325_x1.....guucgUuucccgcgccggagc..... 1
Gi3_28748721_x1.....ugguucucaccccacagauccg..... 1

Gi1_4224661_x1.....uucucaccaacagaGccgg..... 1
Gi1_4328097_x1.....uccggcguaUuuaaacggcua..... 1
Gi1_4352148_x1.....gguucgauCcccggcgccg..... 1
Gi5_9063100_x1.....ggcguaAuuaaacggcuagaau..... 1
Gi3_28623379_x1.....gGucucaccaacagauccggguucga..... 1
Gi5_9042368_x1.....uccggcguaaguuaaacgCcuag..... 1
Gi1_4272720_x1.....gCuucgauuccggcgccg..... 1
Gi3_28970333_x1.....ugguucucaccaacagauAccg..... 1
Gi4_581976_x1.....uUcggcguaaguuaaacggcuaga..... 1
Gi3_28284425_x1.....acagauccggguucgaCuccggcgccg..... 1
Gi1_4266472_x1.....ucgaGucccggcgccggagc..... 1
Gi3_28941386_x1.....cucaccaacagauccgggCucgauu..... 1
Gi3_28625718_x1.....ggguucgaCuccggcgccggag..... 1
Gi1_4165188_x1.....cucaccaacaAauccgg..... 1
Gi3_28467124_x1.....ugguucucaccaacagauccAg..... 1
Gi1_4310796_x1.....cggcguGguuaaacggcu..... 1
Gi1_4295786_x1.....guuAgauuccggcgccgga..... 1
G1a_6126895_x1.....guucgauuNccggcgccg..... 1
Gi5_9078060_x1.....uccggcguaaguuaaacggUu..... 1
Gi3_28404475_x1.....guucucaccaacagauUcgg..... 1
Gi5_8902831_x1.....cagauccggguucgauCcccggcgccg..... 1
Gi5_8901004_x1.....cggcguGguuaaacggcuagaau..... 1
Gi5_8984487_x1.....Uaccaacagauccggguucga..... 1
Gi3_28870627_x1.....guucCauuccggcgccggagc..... 1
Gi1_4188205_x1.....ccggcguGguuaaacggc..... 1
Gi5_8866384_x1.....ucgauuccggcgccggC..... 1
Gi1_4229021_x1.....ucgauuccggcgccggGgc..... 1
Gi1_4356775_x1.....guuAgauuccggcgccg..... 1
Gi2_11055804_x1.....aacagauccggguucgauCcccggcgccg..... 1
Gi1_4271800_x1.....cucaccaacUgauccgg..... 1
Gi4_585899_x1.....Agauucgauuccggcgccggagc..... 1
G1a_6252954_x1.....uucCcacccaacagauccg..... 1
G1a_6309399_x1.....uccggcguaaguuaaacggcuagaCu..... 1
Gi5_8911749_x1.....ccggcguaguuaaacggcuagaa..... 0
Gi1_4360244_x1.....ugguucucacGcaacagauccg..... 1
Gi4_570399_x1.....uccggcguaaguuaaGcggc..... 1
Gi2_11390656_x1.....ugguucCcacccaacagaucc..... 1
Gi1_4225088_x1.....gguucgauuccggAgccg..... 1
Gi5_8890709_x1.....uccggcguGguuaaacggcuagaa..... 1
Gi1_4174174_x1.....caacagUuccggguucgauuccggc..... 1
Gi5_8860021_x1.....ggcguaaguuaaUggcuag..... 1
Gi1_4248739_x1.....ccggcguaguuaaGcggcuaga..... 1
Gi5_8884803_x1.....guucgauuccggcgccggagcAuuucc..... 1
Gi2_11053440_x1.....ucgauuccggcgUggagc..... 1
Gi3_28439530_x1.....uccggguucgauCcccggcgccgga..... 1
Gi4_575202_x1.....cgauuccggcgccggagcC..... 1
Gi2_11193724_x1.....gauuccAgggcgccggagc..... 1

Gi2_11289923_x1.....ucgNuucccggcgccggagc..... 1
Gi3_28346019_x1.....gguucuUacccaacagauccgggu..... 1
Gi4_612632_x1.....gGucgauucccggcgccg..... 1
Gi2_11133795_x1.....gauucAcggcgccggagc..... 1
Gi2_11294708_x1.....cCacccaacagauccgg..... 1
Gi5_8953895_x1.....uucucUcccaacagauccg..... 1
Gi2_11136551_x1.....guucgaAucccggcgccggag..... 1
Gi5_9017963_x1.....cggcguaguGuaacggcuagaau..... 1
Gi1_4374646_x1.....ugguucucacccaacagauUcgg..... 1
G1a_6044083_x1.....guucAauucccggcgccggag..... 1
Gi5_8895238_x1.....gguucgauCcccggcgccggagcguuu..... 1
Gi3_28519252_x1.....cucacccaNcagauccggguucgauu..... 1
Gi5_9050913_x1.....ucucacUcaacagauccg..... 1
Gi5_9001673_x1.....ccggcguaNuuaaacggcu..... 1
G1a_6037754_x1.....gguucgauucccggcgccgAag..... 1
Gi5_9056797_x1.....ggUguaguauaacggcuagaau..... 1
Gi3_28833541_x1.....cgauGcccggcgccggagc..... 1
Gi3_28297477_x1.....gguucucaAccaacagauccg..... 1
Gi1_4250048_x1.....ccggcguagGauaacggc..... 1
Gi3_28756382_x1.....uucucacccaacUgaucgg..... 1
Gi5_9071651_x1.....uucucaccAaacagauccggguuc..... 1
Gi3_28949480_x1.....uccggGguaguauaacggcua..... 1
G1a_6330959_x1.....guucucacccaacagaAccg..... 1
Gi3_28822165_x1.....guuGgauucccggcgccgg..... 1
G1a_6169655_x1.....ucucacccaacagauAcg..... 1
Gi3_28596304_x1.....uucgauucccggcgccggUgc..... 1
Gi1_4260549_x1.....uccggcguaAuuaaacggc..... 1
Gi3_28603978_x1.....ggcguaguauaacAgcuaga..... 1
Gi3_28680340_x1.....Nuucgauucccggcgccg..... 1
Gi5_8875077_x1.....gguucucGcccaacagauc..... 1
Gi2_11193403_x1.....cccaacagCuccggguuc..... 1
Gi3_28964329_x1.....ggguGcgauucccggcgccg..... 1
Gi5_8891900_x1.....uccggcguaguauaacggGuagaau..... 1
G1a_6109479_x1.....uucucaccUaacagauccg..... 1
Gi2_11000175_x1.....gguucUauucccggcgccggag..... 1
Gi3_28379045_x1.....ccggcguaguauaacggcCagaau..... 1
Gi2_11053413_x1.....ggCucgauucccggcgccg..... 1
Gi3_28920230_x1.....cGcacccaacagauccggguucgauucc..... 1
Gi2_11002141_x1.....gGguaguauaacggcuagaa..... 1
Gi1_4225206_x1.....guuNucacccaacagauccg..... 1
Gi3_28603845_x1.....uccggguucgauuccggc..... 0
Gi2_11086499_x1.....cggguucgaGucccggcgccga..... 1
G1a_6024798_x1.....uccggcguaAuuaaacggcuagaa..... 1
Gi1_4374259_x1.....cucaccAaacagauccgg..... 1
Gi1_4240262_x1.....uucgauuccGggcgccgg..... 1
Gi5_9053210_x1.....gguucCacccaacagauccg..... 1
Gi3_28423031_x1.....cagauccggguucgauucccggcgccgC..... 1

Gi2_11051528_x1.....ugguCcucacccaacagauccg..... 1
Gi1_4240235_x1.....Ngguucucacccaacagauccgg..... 1
Gi3_28876879_x1.....Aguucgauuccggcgccggagcg..... 1
Gi3_28424338_x1.....gauccggguucgauucccggu..... 1
Gi3_28525479_x1.....aGcagauccggguucgauucc..... 1
Gi5_8906643_x1.....gauccggguucgCuuccggcgccgga..... 1
Gi2_11271538_x1.....ucgauucAcggcgccgga..... 1
Gi3_28321592_x1.....Accggguucgauuccggcgccgga..... 1
Gi3_28642363_x1.....guGcucacccaacagauccgg..... 1
Gi3_28686905_x1.....uucgauuccggcAccgg..... 1
Gi5_8965334_x1.....gguucgauUccggcgccggagcguu..... 1
Gi5_8938866_x1.....uccggcguaguuaaacggcuaU..... 1
Gi5_9126998_x1.....ggcguaguGuaacggcuaga..... 1
Gi2_11295437_x1.....aacagauccggguAcgauuccggcgccg..... 1
Gi1_4176203_x1.....uccggcguaguaCaacggcuagaa..... 1
Gi5_9056703_x1.....uuggGucucacccaacagauccg..... 1
Gi1_4280231_x1.....guucgauGcccggcgccg..... 1
Gi5_8968009_x1.....Nucucacccaacagauccgg..... 1
Gi3_28375014_x1.....guucgauuccggcgccggagcg..... 0
Gi3_28678496_x1.....gcguaguuaaaUggcuaga..... 1
Gi3_28817395_x1.....ccggcguaguauCacggcuaga..... 1
Gi5_8878709_x1.....cucacccaacagauccGg..... 1
Gi2_11236544_x1.....uccggcguaguuaaacgUcuagaau..... 1
Gi3_28851934_x1.....guucuUacccaacagauccg..... 1
Gi1_4347531_x1.....uucgauuccggcgccggagcU..... 1
Gi1_4295209_x1.....ggugcgaucggcgccgg..... 1
Gi5_8837373_x1.....Nuucgauuccggcgccg..... 1
Gi1_6130492_x1.....guucUauuccggcgccggagc..... 1
Gi5_9086160_x1.....uucgauuccggcgccggagcAu..... 1
Gi5_8936367_x1.....guucucacGcaacagauccg..... 1
Gi5_8865560_x1.....uccggcguaguauCacggcu..... 1
Gi4_583078_x1.....uccggcguaguuaaacggcuaAaa..... 1
Gi2_11368171_x1.....gguucgauAccggcgccggag..... 1
Gi1_6171124_x1.....uccggcguaguuaaacgAc..... 1
Gi5_8865448_x1.....uccggguucgauAccggc..... 1
Gi5_9097929_x1.....gguucucacccaacUgauccgg..... 1
Gi5_9007667_x1.....cggcguaguuaaacggcuagaau..... 0
Gi3_28383516_x1.....gguucgauucccCgcgcccgg..... 1
Gi3_28809496_x1.....cgauucccAgcgccggagc..... 1
Gi5_9029503_x1.....ucGggcguaguuaaacggcua..... 1
Gi1_4211070_x1.....ggcguaguuaaacggcCa..... 1
Gi5_8849804_x1.....ucAcacccaacagauccgg..... 1
Gi2_11349207_x1.....Uggcguaguuaaacggcua..... 1
Gi2_11144940_x1.....uccggGguaguuaaacggcuagaau..... 1
Gi2_11158769_x1.....uucgauuccggcgccAga..... 1
Gi1_4234834_x1.....auccggguucgauuccggcgUgga..... 1
Gi3_28805885_x1.....ggAguaguuaaacggcuagaau..... 1

Gi3_28973006_x1.....cagaucgggGucgauuccggcgccgg.....1
Gi3_28330811_x1.....gguucucUcccaacagauccg.....1
Gi2_11237992_x1.....uucgauuccUggcgccggagc.....1
Gi5_8841715_x1.....Accaacagauccggguucgauucc.....1
Gi2_11252747_x1.....uccggcguaguauaacggGuagaau.....1
Gi5_9088187_x1.....ccggguucgauuccggcgccggU.....1
Gi1a_6195582_x1.....uccggcguaguauaacggcuaAaau.....1
Gi5_9064252_x1.....uccggcguGguauaacggcuagaa.....1
Gi2_11161442_x1.....uucucaccaacagauccgC.....1
Gi3_28633401_x1.....gguucgauuccggGgccgga.....1
Gi2_11310277_x1.....uccggcguaguauaacgUcuagaa.....1
Gi2_11397560_x1.....guucgauuccggcgGccgga.....1
Gi1_4371992_x1.....uccggcguaguauGacggcu.....1
Gi1_4226254_x1.....guucucaccGaacagauccg.....1
Gi5_8873261_x1.....cucaUccaacagauccgg.....1
Gi1_4331175_x1.....gguucgauuccggcgccUga.....1
Gi2_11132632_x1.....uccggcguaguauaaAggcuag.....1
Gi2_11142208_x1.....cggcguagCauaacggcua.....1
Gi1_4175107_x1.....ugNuucucaccaacagauccgg.....1
Gi1a_6024901_x1.....gguucgauuAccggcgccggag.....1
Gi5_8840570_x1.....guucgauuccggcgGccgag.....1
Gi3_28834179_x1.....uugguucucacGcaacagaucc.....1
Gi3_28447617_x1.....uucgauuccgAcgccgga.....1
Gi5_9119908_x1.....uucgauuccggcgccAgg.....1
Gi5_9011630_x1.....uucucCcccaacagauccgg.....1
Gi5_8833944_x1.....uugguucucNaccaacagauccg.....1
Gi3_28538480_x1.....gguucgauuccggcgGc.....1
Gi2_11358108_x1.....agaucggguucgGuucc.....1
Gi5_8884316_x1.....cggguucgauuccggUgc.....1
Gi2_11174349_x1.....Uguucucaccaacagaucc.....1
Gi5_9106455_x1.....aucggguucgauuccggcgccggagc.....0
Gi3_28683435_x1.....acagauccggguucgauCccggcgccggagc.....1
Gi2_11111602_x1.....ccggcguaguauaacggcu.....0
Gi5_9070968_x1.....ucgaCuccggcgccggagc.....1
Gi2_11151215_x1.....uugguucucaccaacUgauccg.....1
Gi5_8897780_x1.....gguuAgauuccggcgcc.....1
Gi2_11352120_x1.....ccggcguaguauaGcggcua.....1
Gi2_11299987_x1.....ccggcguaguauaacggc.....0
Gi3_28520908_x1.....ccggcguaguauaaUggcuaga.....1
Gi1_4352544_x1.....cccaacagauccggguuc.....0
Gi1_4356054_x1.....cucaccaacagauccggguucgauuccU.....1
Gi3_28987072_x1.....aaUagauccggguucgauucc.....1
Gi2_11226528_x1.....agGuccggguucgauucc.....1
Gi2_11157230_x1.....uugguucucaccaacaAauccg.....1
Gi3_28572390_x1.....gguucgauAccggcgccgg.....1
Gi3_28469741_x1.....Nguucgauuccggcgcc.....1
Gi3_28819375_x1.....agaucgggCucgauuccc.....1

Gi4_598390_x1gguucgauucccgGgccgg..... 1
Gi3_28400264_x1.....guucucaccccacagauccggguucgau..... 1
Gi2_11222250_x1.....uAcggcguaguauaacggcuagaau..... 1
Gi3_28538421_x1.....ccggcguaguauaacggcuaA..... 1
Gi3_28411947_x1.....cgguucgauucccggcgccgCa..... 1
Gi2_11372907_x1.....ugguucucCcccaacagauccg..... 1
Gi3_28598908_x1.....guucucacccaCagauccgggu..... 1
Gi1_4386623_x1.....uucucCcccaacagauccg..... 1
Gi1_4237244_x1.....uucgauucccggcgccAg..... 1
Gi2_11168067_x1.....gNucgauucccggcgccgagc..... 1
Gi2_11375064_x1.....ccaacagaNccggguucgauucccggcgccgagc..... 1
Gi5_8850834_x1.....ggcguaguauaacggUuag..... 1
Gi2_11330095_x1.....gguGcgauucccggcgccgga..... 1
Gi1_4172546_x1.....uccAgcguaguauaacggc..... 1
Gi2_11114223_x1.....Ggauccggguucgauucc..... 1
Gi3_28793977_x1.....ggcguaguauaacggcuaga..... 1
Gi5_9001791_x1.....cUauucccggcgccggagcguuucc..... 1
Gi3_28652680_x1.....cgauucccggcgccggCg..... 1
Gi4_579019_x1.....gGucgauucccggcgccggagc..... 1
Gi1_4185010_x1.....uUucacccaacagauccgg..... 1
Gi2_11190614_x1.....uucucacccaacaAauccg..... 1
G1a_6004882_x1.....guucucacccaacCgauccg..... 1
Gi3_28951653_x1.....agauccAgguucgauucc..... 1
Gi3_28266424_x1.....Gugguucucacccaacaga..... 1
Gi4_612542_x1.....gauucccggcgccggagc..... 0
Gi1_4269826_x1.....cGcccaacagauccggguucgauucc..... 1
Gi3_28569503_x1.....uccUgcguaguauaacggcuagaa..... 1
Gi2_11212311_x1.....gguucgauuccGggcgccggag..... 1
Gi2_11144303_x1.....guucCauucccggcgccggag..... 1
Gi2_11160678_x1.....uccggguucgauucccggcgccggagc..... 0
Gi5_9133714_x1.....ucgauucccgUgcccggagc..... 1
Gi3_28605773_x1.....gguGcgauucccggcgccggag..... 1
Gi1_4261491_x1.....gguucgauuccUggcgccggag..... 1
Gi5_8990018_x1.....ggcguagCauaacggcuagaau..... 1
Gi1_4388547_x1.....Gacagauccggguucgauucccggcgccgg..... 1
Gi3_28706486_x1.....ucucacccaacagauUgg..... 1
Gi2_11306525_x1.....uccggcguagAauaacggc..... 1
Gi5_9035518_x1.....ggguucgauucccggcgcc..... 0
Gi3_28588303_x1.....Nucucacccaacagauccg..... 1
G1a_6002738_x1.....gCuucgauucccggcgccgg..... 1
Gi3_28616757_x1.....ucAggcguaguauaacggcua..... 1
Gi3_28458350_x1.....guucgauucccggcUccggag..... 1
Gi2_11298164_x1.....uGgauucccggcgccgga..... 1
Gi1_4214366_x1.....gguucgauuAccggcgccggag..... 1
Gi5_8985201_x1.....gGuccggguucgauucccggcgccgga..... 1
Gi1_4175368_x1.....gguucgauucccggcAccggag..... 1
Gi5_9098832_x1.....uucucacccaUagaucggguuc..... 1

Gi2_11279226_x1.....cgauucccAgcgccggagcguuu..... 1
G1a_6138379_x1.....uccggcguaguauGacggcuag..... 1
Gi1_4220275_x1.....uccggUguaguauaacggcu..... .guuGgauucccgcgccggagc..... 1
Gi1_4248327_x1.....uccggUguaguauaacggcu..... 1
Gi2_11139607_x1.....cggcCuaguauaacggcuaga..... 1
Gi5_8867507_x1.....acagaucGggguucgauucccgcg..... 1
Gi3_28955418_x1.....gauuAccggcgccggagc..... 1
Gi2_11088396_x1.....uccggcgCaguauaacggcuagaa..... 1
Gi3_28516877_x1.....agauccggguCcgauucccgcgccggag..... 1
Gi5_9067791_x1.....gguucuUaccaacagauc..... 1
Gi3_28642877_x1.....guucCaccaacagauccgg..... 1
Gi5_9025560_x1.....gguucgauucccgcgccggaC..... 1
Gi2_11296464_x1.....gguucucaccaacagaAccg..... 1
G1a_6006925_x1.....ugguucucaccaacagauccA..... 1
Gi3_28486264_x1.....gguucucaccaacGgauccgg..... 1
Gi5_8872509_x1.....ggguucgCuucccgcgccggagc..... 1
Gi2_11058683_x1.....cagauccggguucgauucccgcgccggagcC..... 1
Gi5_9071310_x1.....uAguucucaccaacagauccgg..... 1
Gi2_11106519_x1.....ucaccaacagauccggguuc..... 0
Gi2_11301148_x1.....uucAauucccgcgccggagc..... 1
Gi3_28803447_x1.....cggcguGguauaacggcua..... 1
Gi2_11151932_x1.....uccggguucgauuccUggcgccgga..... 1
Gi5_8964280_x1.....ggcguaguCuaacggcuag..... 1
Gi3_28467228_x1.....gguucgauucccgCcgccggag..... 1
Gi5_9053796_x1.....uccggUguaguauaacggcu..... 1
Gi3_28664228_x1.....ggcguaguauaacggcuaga..... 1
Gi5_9119065_x1.....accaacagauccgggCucgauucc..... 1
Gi5_8839447_x1.....uccggGguaguauaacggcua..... 1
Gi3_28821354_x1.....cggguucgauucccgcgccggagcA..... 1
Gi5_9137140_x1.....uccCgcuaguauaacggcuaga..... 1
Gi3_28705800_x1.....gAuucucaccaacagauccgg..... 1
G1a_6021359_x1.....uccggcguaguaAaacggcuaga..... 1
Gi1_4378876_x1.....uccggcguaguauaacggGua..... 1
Gi2_11162931_x1.....Auucucaccaacagauccgggu..... 1
Gi5_8964739_x1.....ccggcgCaguauaacggcua..... 1
Gi5_9031108_x1.....Gcggcguaguauaacggcuaga..... 1
G1a_6343388_x1.....gguucUauucccgcgccg..... 1
Gi5_8985589_x1.....cggcgCaguauaacggcuaga..... 1
Gi3_28529579_x1.....uucgauuAccggcgccggagc..... 1
Gi5_8883673_x1.....ccggcguaguauaacggcuag..... 1
Gi3_28462976_x1.....gguuNgauucccgcgccggagc..... 1
Gi5_8993165_x1.....ccggUguaguauaacggcua..... 1
Gi3_28516924_x1.....gauccggguucgauCccc..... 1
Gi5_9026824_x1.....agauAccggguucgauuccc..... 1
Gi1_4220382_x1.....guuAgauucccgcgccggagc..... 1
Gi4_606072_x1.....uuggCucucaccaacaga..... 1
Gi1_4325991_x1.....uccggcguaguauaacggcuagaUu..... 1

Gi3_28521586_x1.....uucucGcccaacagauccgg.....1
Gi2_11246227_x1.....gguNcgauuccggcgccg.....1
Gi5_8953659_x1.....guucgauuccUgcgccgga.....1
Gi5_8969622_x1.....aguccggcguaguauaGcggcu.....1
Gi3_28962402_x1.....ucgauuccggcgccggCg.....1
Gi2_11279186_x1.....guucucacccaaGagauccg.....1
G1a_6167788_x1.....Ccucacccaacagauccg.....1
Gi3_28869815_x1.....uucuUacccaacagauccg.....1
Gi2_11162569_x1.....uccggcguaguauaaAggc.....1
Gi3_28460388_x1.....ugguucucacccaacaAauccg.....1
Gi2_11225737_x1.....uccUgcguaguauaacggcuagaau.....1
Gi2_11218958_x1.....gauuccggcAccggagc.....1
Gi3_28403535_x1.....aUauccggguucgauuccggcgccg.....1
Gi2_11393516_x1.....guucucacccaacGgauccg.....1
G1a_6248764_x1.....uuUucacccaacagauccg.....1
Gi3_28910896_x1.....ggcguaguauaacggcuagaaA.....1
Gi1_4172795_x1.....guucgUuuccggcgccg.....1
Gi2_11154360_x1.....Ggauuccggcgccggagcguuuc.....1
Gi5_8920815_x1.....Accggcguaguauaacggcuagaa.....1
Gi1_4197538_x1.....cggcguaguauaacggcuagaa.....0
Gi3_28901503_x1.....caacagauccggguCcga.....1
Gi2_11304308_x1.....guucgauGccggcgccggag.....1
G1a_6194525_x1.....Cccggcguaguauaacggcua.....1
Gi3_28572412_x1.....guucgauGccggcgccgga.....1
Gi2_11072883_x1.....cUggcguaguauaacggcuagaau.....1
Gi5_9102028_x1.....ugguucucNcccaacagauccgggu.....1
Gi2_11293023_x1.....uucAcacccaacagauccggguucg.....1
Gi3_28653418_x1.....guNcucacccaacagauccg.....1
Gi3_28462880_x1.....uugguucucacccaacagCucc.....1
Gi2_11005068_x1.....gguuAucacccaacagauccg.....1
Gi5_8832460_x1.....gguCcucacccaacagauc.....1
Gi5_8972409_x1.....cggcguaguauaacAgcuagaau.....1
Gi2_11074341_x1.....Agguucucacccaacagaucc.....1
Gi1_4282852_x1.....ggAucgauuccggcgccggag.....1
Gi3_28580361_x1.....ucgauuccggcgccggagcA.....1
Gi5_9103980_x1.....uccggcguaguauGacggcu.....1
Gi1_4319024_x1.....gguucucacccaaAagauccg.....1
Gi4_596825_x1.....uccggcguaguauaacggUuag.....1
Gi4_579821_x1.....uccggcgCaguauaacggcuaga.....1
G1a_6020147_x1.....gguucgauuccAggcgccggag.....1
Gi3_28324364_x1.....gguucgauuccggcgCg.....1
Gi5_8988332_x1.....ggcguaguNuaacggcua.....1
Gi5_8920249_x1.....gguucgauuccggcCccggagc.....1
G1a_6189935_x1.....uucucacccGacagauccg.....1
Gi5_8934544_x1.....guucgauCccggcgccggag.....1
Gi1_4206479_x1.....ccggcguUguauaacggcua.....1
Gi2_11072067_x1.....ggguucgauuccggcgccg.....0

Gi3_28332991_x1.....aucUggguucgauucccggcgccggagc..... 1
Gi5_9121068_x1.....ucucacccaacagauUcg..... 1
Gi4_594361_x1.....Aucaccaacagauccggguucg..... 1
Gi3_28596156_x1.....cgaNucccggcgccggagc..... 1
Gi2_11154727_x1.....uccggcguaguauaCcgguagaau..... 1
Gi3_28351186_x1.....guucucacccaacagaucc..... 0
Gi2_11082774_x1.....guuGgauucccggcgccggag..... 1
G1a_6330986_x1.....guucgauucccCgcgccc..... 1
Gi1_4339970_x1.....guucgauucccggcgccAgagc..... 1
Gi2_11381308_x1.....guucgauucccggcgccU..... 1
Gi2_11236569_x1.....ugguucuaAcacaacagaucc..... 1
Gi4_592118_x1.....gguucucacccGacagaucg..... 1
Gi3_28269161_x1.....ccaacagauccggguucgCuucc..... 1
Gi2_11057050_x1.....gcuaguanaacggcuagaa..... 1
Gi2_11133468_x1.....Cgguucucacccaacagaucg..... 1
Gi1_4277007_x1.....guucgauucccggcUccgg..... 1
Gi1_4308627_x1.....guucgauucccgGgccc..... 1
Gi5_9030840_x1.....gauucccggcgccggagA..... 1
Gi3_28586589_x1.....uccggguucgauucccggcgccggagc..... 0
Gi5_9026658_x1.....aGagauccggguucgauucccggcgc..... 1
G1a_6164369_x1.....uccggcguaguauaacAgcuagaa..... 1
Gi2_11320157_x1.....uccggcguaguauaaGggcuagaa..... 1
Gi2_11268373_x1.....ucgauucccggcgccggaAc..... 1
Gi1_4198238_x1.....uucucacccaacagaucggU..... 1
Gi2_11074895_x1.....agGccggcguaguauaacgg..... 1
Gi3_28630680_x1.....guucgauucccggcgccUagc..... 1
Gi5_9020509_x1.....gguucucacccaacagauccC..... 1
Gi2_11099575_x1.....guucgauuccAggcgccg..... 1
Gi2_11059441_x1.....gguucgauuccAggcgccg..... 1
Gi3_28378571_x1.....ggguucgGuucccggcgccggagc..... 1
Gi3_28471226_x1.....cggAuucgauucccggcgccgga..... 1
Gi1_4291873_x1.....uccggcguaguauaacggcuagaauA..... 1
Gi1_4257778_x1.....gguucgauucccggcgcAg..... 1
Gi5_8950064_x1.....gguuGgauucccggcgc..... 1
Gi1_4269386_x1.....ugguucucacccaacagauccCg..... 1
Gi1_4290332_x1.....guucgauucccggcgccggaC..... 1
Gi3_28552848_x1.....guucgauucccggcUccg..... 1
Gi2_11172346_x1.....uccggcguaguauaacggcuaUaau..... 1
Gi5_8889832_x1.....guucgauucccCgcgcccggagc..... 1
Gi2_11140477_x1.....uucucacccaacagaucggA..... 1
Gi3_28298784_x1.....uucucacccaacagauGcgg..... 1
Gi3_28708828_x1.....ucucacccaacagaucggC..... 1
G1a_6330265_x1.....gguucgauucccggcgcUgga..... 1
Gi3_28962457_x1.....Gccaacagauccggguucgauucc..... 1
Gi5_9058656_x1.....uucucacccaacGgaucggguu..... 1
Gi3_28615613_x1.....Ugaucggguucgauucccggcgccgg..... 1
Gi5_8997089_x1.....ccggguucgGuucccggcgccgga..... 1

Gi2_11322039_x1.....guuAucacccaacagauccg..... 1
 Gi5_9082997_x1.....guucgauucccggcgcggagcg..... 0
 Gi3_28492309_x1.....uccggcCuaguauaacggcuagaau..... 1
 Gi1_4170363_x1.....uccggcguGguauaacggcuagaau..... 1
 Gi5_8901041_x1.....gguucgauucccggcgcggCag..... 1
 Gi3_28633513_x1.....uccggcguCuauaacggcuag..... 1
 Gl1a_6169776_x1.....gguucgaCucccggcgcggga..... 1
 Gi4_573574_x1.....uucucacccaacagauccg..... 0
 Gi3_28888554_x1.....ugguucucacAaacagauccg..... 1
 Gi5_9065295_x1.....uccgCcguguaguauaacggcuagaau..... 1
 Gi5_9040621_x1.....ggcuguaguauaacggcuagC..... 1
 Gi4_604630_x1.....uUcggcguaguauaacggcuag..... 1
 Gi5_8864055_x1.....cggcuguaguauaacgAcuag..... 1
 Gl1a_6301306_x1.....gguucgauCcccgggcgcggagc..... 1
 Gi3_28326683_x1.....uccggcguaguauaaAggcuag..... 1
 Gi2_11157678_x1.....gguucgauucccgUcgccggag..... 1
 Gi3_28405878_x1.....cagauccggguucgauucccggcgcg..... 0
 Gi5_8923647_x1.....uccggcguaguauaacggcGa..... 1
 Gl1a_6242963_x1.....ucAcacccaacagauccg..... 1
 Gl1a_6202501_x1.....gguucgauNcccgggcgc..... 1
 Gi2_11331612_x1.....uucAauucccggcgcgg..... 1
 Gi5_8979444_x1.....Cucgauucccggcgcgg..... 1
 Gi5_8979070_x1.....uugguucucCcccaacagauccg..... 1
 Gi1_4334700_x1.....uucucUcccaacagauccggguucgau..... 1
 Gi5_8985932_x1.....uccggcgCaguauaacggcu..... 1
 Gi3_28313959_x1.....gguCcuacccaacagauccg..... 1
 Gi1_4332412_x1.....uccggcguaguauaUcggcuaga..... 1
 Gi3_28366159_x1.....gauccggguucgauucccggcgcggagcC..... 1
 Gi2_11036911_x1.....uccggcguaguauaaAggcu..... 1
 Gi5_9014789_x1.....guucucacccaacagauCagg..... 1
 Gi5_8896571_x1.....uggCucucacccaacagauccgggu..... 1
 Gi3_28845642_x1.....agauCaggguucgauucc..... 1
 Gi3_28729090_x1.....uuGucacccaacagauccg..... 1
 Gi1_4255937_x1.....ccggUguaguauaacggcuag..... 1
 Gi3_28440405_x1.....cgNuuccgggcgcggagc..... 1
 Gl1a_6079268_x1.....gguucgauuAccgggcgcggagc..... 1
 Gi2_11209821_x1.....uccggcguUuauaacggcuagaa..... 1
 Gi1_4315732_x1.....uUcggcguaguauaacggcu..... 1
 Gi3_28827616_x1.....agauccggguAcgauucc..... 1
 Gi1_4328858_x1.....uGcucacccaacagauccggguucgau..... 1
 Gi5_8993100_x1.....guucucacccaacagauGcg..... 1
 Gi5_8834483_x1.....gguucgauucccgGgcggag..... 1
 Gi4_589114_x1.....gguucgauucccggcgcgggaAC..... 1
 Gi5_8980189_x1.....uccggcguaguCuaacggcuagaa..... 1
 Gi3_28599906_x1.....auccggguNcgauuccggcg..... 1
 Gl1a_6057563_x1.....uccggcguaguauaaUggcuagaau..... 1
 Gi2_11271529_x1.....cagauccggguucgCuuccgggcgcggag..... 1

Gi3_28599939_x1.....ccggcguaguCuaacggcuaga.....1
Gi3_28694185_x1.....uccggcguaguauaNcgguaga.....1
Gi3_28296388_x1.....guucuAacccaacagauccg.....1
Gi3_28373286_x1.....auccgggGucgauuccggcgccgga.....1
Gi4_600813_x1.....Cccggcguaguauaacggcua.....1
G1a_6100783_x1.....gguucgauucccgAcgccg.....1
Gi2_11228118_x1.....aguccggcguaguauaacggcua.....0
Gi2_11005910_x1.....caUaucggguucgauuccggcgccgga.....1
Gi3_28323193_x1.....Cauccggguucgauucc.....1
G1a_6108627_x1.....Agguucucacccaacagauccg.....1
Gi2_11034387_x1.....uccggguucgaCuccggcgccgga.....1
Gi2_11352187_x1.....uccggcguaguauaacggcAaga.....1
Gi2_11236505_x1.....ugguucucUcccaacagauccg.....1
Gi5_9067202_x1.....uccggcguagCuaaacggcu.....1
Gi5_9013166_x1.....Cgauccggguucgauucc.....1
Gi1_4319846_x1.....ucucacccaacagaCccg.....1
Gi5_8977507_x1.....gguucucacccGacagauccggguu.....1
Gi1_4320232_x1.....uccggcguaguauGacggc.....1
Gi3_28659346_x1.....guGcucacccaacagauccggg.....1
Gi5_9084857_x1.....uGcggguucgauuccggc.....1
G1a_5996456_x1.....ggguucgauuccggcgccggagcC.....1
Gi1_4202460_x1.....uccAgguucgauuccggcgccgga.....1
Gi1_4296745_x1.....gguucgauuccggcgccggaC.....1
Gi3_28771419_x1.....ggcguaguauaacggcuagCau.....1
Gi1_4164300_x1.....ggcguaguUuaacggcua.....1
Gi2_11241927_x1.....uccggcguaguauAaacggc.....1
Gi2_11248524_x1.....gguucucacGcaacagauccg.....1
Gi3_28398881_x1.....ucacccaacagauccggguCc.....1
Gi2_11275583_x1.....cagauccggguucgauuccggcgccggCg.....1
Gi2_11088551_x1.....cgauuccggcgccggagcU.....1
Gi1_4191986_x1.....aCccggguucgauuccggcgccgg.....1
G1a_6239905_x1.....gguucgauuccUggcgccggagc.....1
Gi5_9078320_x1.....uucucacccaacUgauccg.....1
Gi1_4191676_x1.....ucgauuccggcgccgga.....0
Gi5_9007676_x1.....uNcggcguaguauaacgg.....1
Gi3_28281122_x1.....uucgauuccggcgUgg.....1
Gi3_28909169_x1.....ggcguagCuaaacggcuaga.....1
Gi1_4219145_x1.....ggcguaguauaacgAcuag.....1
Gi5_8921644_x1.....guucgauuccggcgUggag.....1
Gi3_28337109_x1.....guucgauGcccggcgccgg.....1
Gi4_606285_x1.....uucucacccaacagauccggguuc.....0
Gi5_9124832_x1.....gguucgauuccggGgccggagc.....1
Gi3_28876647_x1.....aAuccggguucgauuccggcgccggag.....1
Gi3_28792058_x1.....guucgaAuccggcgccg.....1
Gi1_4322936_x1.....uugguucucacccaacagauccg.....0
Gi5_9097006_x1.....gguucgUuuccggcgccgga.....1
Gi4_568121_x1.....uugguucucaccUaacaga.....1

Gi1_4234343_x1.....gguucUauucccgcgccg..... 1
 Gi5_8896414_x1.....ucucaccaacagauccAggu..... 1
 Gi1_4217338_x1.....ucucacUcaacagauccgg..... 1
 Gi1_4367436_x1.....Acucaccaacagauccgg..... 1
 Gi2_11116924_x1.....uccggcguaguauaacggGuaga..... 1
 Gi1_4295070_x1.....caacagauccggguucgauuccUggc..... 1
 Gi3_28809061_x1.....Cguucucaccaacagauccgggu..... 1
 Gi1_4193194_x1.....gguucucaccaacagaucc..... 0
 Gi3_28538696_x1.....gauccggguucgauAccc..... 1
 Gi5_9069420_x1.....ucacccUacagauccgggu..... 1
 Gi1_6353152_x1.....gguucAauucccgcgccggagc..... 1
 Gi2_11038569_x1.....gguucgauucccgcgccgUa..... 1
 Gi3_28522852_x1.....uAcggcguaguauaacggcua..... 1
 Gi3_28331776_x1.....ucgauucccgcgGcggag..... 1
 Gi1_4371846_x1.....uccggcUuaguauaacggcua..... 1
 Gi3_28363045_x1.....ccggcguaguauaCggcua..... 1
 Gi2_11330651_x1.....uccggguucgauucccgcgUcgga..... 1
 Gi1_4364403_x1.....ucUcccaacagauccgggu..... 1
 Gi3_28263261_x1.....uccggcguaguauaacgCcuagaa..... 1
 Gi4_582105_x1.....uccggcguaguauaacggcuCga..... 1
 Gi3_28422376_x1.....uccggguucgauuccAgcgccgga..... 1
 Gi3_28418507_x1.....uucgauGccggcgccggagc..... 1
 Gi1_4372687_x1.....uccggcgGaguauaacggcua..... 1
 Gi1_4205118_x1.....guucgauucccgUcgccggagc..... 1
 Gi1_4181266_x1.....ucucaccaacagauccAg..... 1
 Gi3_28604818_x1.....ucgauCcccgcgccggag..... 1
 Gi3_28844265_x1.....ccUgcguaguauaacggcuaga..... 1
 Gi1_4173683_x1.....Ucggcguaguauaacggcuaga..... 1
 Gi3_28911893_x1.....guucucacUcaacagauccgggu..... 1
 Gi2_11390696_x1.....agaucggguucAauucc..... 1
 Gi5_8977196_x1.....ccggcguaguauaacUgcua..... 1
 Gi3_28862388_x1.....uccggcguaguauaacggcuagaauuggu..... 0
 Gi1_4324906_x1.....cagaucggguucgCuucccgcgcc..... 1
 Gi1_4222424_x1.....guucgauuccAgcgccggagc..... 1
 Gi2_11336996_x1.....guAcucaccaacagauccg..... 1
 Gi1_4290788_x1.....uccggcgGaguauaacggcuagaauuggu..... 1
 Gi2_11018820_x1.....uAcgauucccgcgccggagc..... 1
 Gi3_28529026_x1.....guucgauGccggcgccgga..... 1
 Gi1_4264589_x1.....ucgauucccgUgcggagc..... 1
 Gi5_8941812_x1.....gguucgauucccgcgccggagcguuC..... 1
 Gi4_588102_x1.....guucgauucccgcgccggag..... 0
 Gi1_6015802_x1.....gguucgauucccgcgUcg..... 1
 Gi5_8989993_x1.....Ggguucucaccaacagauccggguucga..... 1
 Gi1_4278973_x1.....uccggcguaguauaacgCcua..... 1
 Gi1_4371490_x1.....gguucuUaccaacagauccgg..... 1
 Gi2_11264212_x1.....gguucgauucccgcgccggUg..... 1
 Gi3_28795788_x1.....gaUucccgcgccggagc..... 1

Gi4_595786_x1guucgCuucccgccgcccgg..... 1
Gi2_11033012_x1.....cgaCuucccgccgcccggagcguuu..... 1
Gi2_11335105_x1.....uccgCcguaquauaacggcua..... 1
Gi1_4257203_x1.....Ugguucgauucccgccgcccggga..... 1
Gi1_4223970_x1.....guucgauucccgccgcccggga..... 1
Gi1_4329162_x1.....Guccggguucgauucccgccgcccggga..... 1
Gi2_11289243_x1.....gguucgauucccgCcgcc..... 1
Gi5_9086408_x1.....guucucaccaacaCauccgg..... 1
Gi2_11031628_x1.....aguccggUguaguauaacggcuaga..... 1
Gi3_28339637_x1.....ggcguaguGuaacggcua..... 1
Gi5_8883005_x1.....gguucucaccaacagauccgggGu..... 1
Gi1_4380293_x1.....cucaccaacGgauccggguucgauucc..... 1
Gi3_28865077_x1.....agaucgggAucgauucc..... 1
Gi5_8833405_x1.....ugguucucaccaacagaucUgggu..... 1
Gi5_9134220_x1.....uccggcguaguauaaAggcuagaa..... 1
Gi4_588732_x1.....Gccggcguaguauaacggcua..... 1
Gi1_4389669_x1.....gguucUauucccgccgcccgg..... 1
Gi2_11164250_x1.....gguucgauucccgccgcccgggaU..... 1
Gi2_11396827_x1.....guucgauuccCcgccgcccggag..... 1
Gi1a_6215091_x1.....uccggcguaguGuaacggc..... 1
Gi1_4242935_x1.....aguccggcguagCauaacgg..... 1
Gi5_8855692_x1.....ucucaccaacagaucGg..... 1
Gi5_8991135_x1.....ccggUguaguauaacggcuaga..... 1
Gi3_28709885_x1.....guucgauGccggccgcccggagc..... 1
Gi2_11271302_x1.....Ugguucgauucccgccgccc..... 1
Gi2_11235190_x1.....guucgauucccgccgcccUgag..... 1
Gi2_11319089_x1.....gguucgauuccCcgccgcccggag..... 1
Gi3_28419933_x1.....agaucggNuucgauucc..... 1
Gi5_8877369_x1.....guucgauucccgccgcccggU..... 1
Gi3_28973498_x1.....ucgauuccGggccgcccggagc..... 1
Gi5_8956689_x1.....ucucGcccaacagauccgg..... 1
Gi5_8839602_x1.....ucucacGcaacagauccg..... 1
Gi5_9033874_x1.....ugguucucaccaacagauAcgg..... 1
Gi3_28369503_x1.....auccggguucgauucccgccUccgga..... 1
Gi2_11317602_x1.....guucucaccaacagaucGg..... 1
Gi5_8918949_x1.....ucgGuucccgccgcccggagc..... 1
Gi3_28341037_x1.....guucgauucccgCcgcccggagc..... 1
Gi5_9138174_x1.....ggguucgauucccgccgAcg..... 1
Gi5_8944459_x1.....uucucaccaacagauccgC..... 1
Gi5_8857528_x1.....gguucgGuucccgccgcccggagcguu..... 1
Gi2_11308489_x1.....cgUuucccgccgcccggagcguuuc..... 1
Gi2_11358279_x1.....guucgauucccgccgcccggagcgc..... 1
Gi3_28562024_x1.....uucgauuccAgggccgcccggagc..... 1
Gi3_28845590_x1.....ggguuUgauucccgccgcccgg..... 1
Gi2_11287437_x1.....gauccggguucgauucccgccgcccggga..... 0
Gi1_4195490_x1.....guucgauucccgccgcccgggaAc..... 1
Gi5_8899476_x1.....gguucgauucccgccgUcg..... 1

Gi5_8884678_x1.....ucucCcccaacagauccgg..... 1
Gi3_28400890_x1.....uccggcguaguauaacUgcuag..... 1
Gi2_11237694_x1.....Ugcguaguauaacggcuagaau..... 1
G1a_6035510_x1.....guucgaCucccggcgcggag..... 1
Gi1_4366842_x1.....cGcacccaacagauccggguucga..... 1
Gi5_8993338_x1.....ugguucucGcccaacagauccgg..... 1
Gi5_9122889_x1.....gguGcgauucccggcgcggagc..... 1
Gi3_28656184_x1.....guucucacccaaAgaucgg..... 1
Gi1_4313092_x1.....gguucgauucccAgcgccggag..... 1
Gi3_28283721_x1.....uugguucucacccaCcagauc..... 1
Gi2_11046574_x1.....gguucgauGcccggcgcc..... 1
Gi5_9100425_x1.....cggcguaguauaacgAcuaga..... 1
Gi3_28764885_x1.....ugguucucacccaacagauA..... 1
Gi5_9017239_x1.....guucUauucccggcgcggagcguuucc..... 1
Gi3_28302604_x1.....gAucucacccaacagauccg..... 1
Gi3_28712821_x1.....guucgauucccCgcgccg..... 1
Gi2_11100270_x1.....cagaGccggguucgauucccggcgcggag..... 1
G1a_6183397_x1.....guucgauucccggcgcggagcU..... 1
Gi1_4230805_x1.....ccggcguaguCuaacggc..... 1
Gi2_11393863_x1.....uccggAguaguauaacggcuag..... 1
Gi4_604894_x1.....uccAgcguaguauaacggcuaga..... 1
Gi5_8961556_x1.....uccggcguaguauaacCgc..... 1
Gi2_11019638_x1.....uccCgcguaguauaacggcua..... 1
Gi1_4266347_x1.....guucucacccaacagaAccg..... 1
Gi5_8834769_x1.....aGccaacagauccggguucgauucc..... 1
Gi2_11243515_x1.....guaguauaacggcuagaau..... 0
Gi2_11387804_x1.....gaCucccggcgcggagc..... 1
G1a_6183620_x1.....ugguucucacccaacagCuccg..... 1
Gi3_28825253_x1.....uccggGguaguauaacggc..... 1
Gi2_11346556_x1.....ccggcguaguauaacggcua..... 1
G1a_6193663_x1.....Cccggcguaguauaacggcuagaa..... 1
Gi5_9116513_x1.....ucucacccaacGgauccgggu..... 1
Gi3_28617586_x1.....uccggguucgauucccggcgcggc..... 1
Gi1_4289921_x1.....uccggcguaguUuaacggcuagaau..... 1
Gi5_9132765_x1.....ucucacGcaacagauccgg..... 1
Gi5_9021917_x1.....uucucacccGacagauccggguu..... 1
Gi5_9036811_x1.....uccggcguaguauUacggcuagaau..... 1
Gi1_4301285_x1.....gguucgauUccggcgccggagc..... 1
Gi2_11107507_x1.....uNcggcguaguauaacggcuaga..... 1
Gi2_11045741_x1.....guucgauucccggcgcggAa..... 1
Gi5_8908215_x1.....gguucgUuucccggcgcgg..... 1
G1a_6004502_x1.....ggguucgauucccgUgc..... 1
Gi1_4305945_x1.....uccggcguaguauGacggcuaga..... 1
Gi5_8960465_x1.....guucucacccaacagaucGg..... 1
Gi2_11063992_x1.....ccggcguaguauUcggcua..... 1
Gi4_604906_x1.....guucgauucccAgcgccgg..... 1
Gi2_11231686_x1.....gauucccggcgcggCgc..... 1

Gi2_11279772_x1.....ugguucucacccaacaUaucgg.....1
 Gi1_4368785_x1.....uucucacccaacagGuccggguucgau.....1
 Gi5_8857061_x1.....uccggcguaguGuaacggcuagaauggu.....guucgauucccgggcgccggCg.....1
 Gi5_8969474_x1.....uccggcguaguGuaacggcuagaauggu.....Uggguucgauucccgggcgccggagc.....1
 Gi3_28446139_x1.....Uggguucgauucccgggcgccggagc.....1
 Gi1_4274271_x1.....uucgauucccgggcgccggagcgA.....1
 Gi5_8891167_x1.....cucacccaUcagauccgg.....1
 Gi1_4248612_x1.....uccggcguaguGuaacggcuagaa.....1
 Gi2_11071232_x1.....uccggcguaguauaacCg.....1
 Gl1a_6044462_x1.....ucgauucccgggcgccggagc.....0
 Gi1_4328051_x1.....aguccggcguaguauaacggcuaga.....0
 Gi1_4307382_x1.....aguccggUguaguauaacggcua.....1
 Gl1a_6047477_x1.....gCuucgauucccgggcgccggag.....1
 Gi1_4214623_x1.....cgauucccgggcgccggagcguuuc.....0
 Gi3_28335134_x1.....caacagGuccggguucga.....1
 Gl1a_6328472_x1.....uucgauucNcggcgccggagc.....1
 Gi2_11016792_x1.....cagauccggguucgauucc.....0
 Gi2_11361035_x1.....guucgauuGccggcgccg.....1
 Gi1_4377282_x1.....ucacccaacagauccggAu.....1
 Gi2_11388017_x1.....gNucgauucccgggcgccgg.....1
 Gi1_4242184_x1.....Acggcguaguauaacggcuag.....1
 Gi1_4179955_x1.....gguucgauucccgggcgUg.....1
 Gi4_568345_x1.....uccggcguaguGuaacggc.....1
 Gi2_11264536_x1.....gauucccgggcgccgAagc.....1
 Gi5_8884712_x1.....uucgauuAccggcgccgg.....1
 Gi3_28433959_x1.....ccggcgCaguauaacggcuaga.....1
 Gi3_28559884_x1.....ccUaacagauccggguucgauucc.....1
 Gi5_9020591_x1.....acagauccgAguucgauucccgggcg.....1
 Gi3_28939267_x1.....ucucGcccaacagauccg.....1
 Gi1_4203173_x1.....Nucacccaacagauccgg.....1
 Gi3_28983412_x1.....ucucacccaacagauUcgg.....1
 Gi2_11303749_x1.....guucgaAuccggcgccgg.....1
 Gi2_11272735_x1.....cggguucgauCcccggcgccgga.....1
 Gi1_4361472_x1.....uccggcguGguauaacggcuagaa.....1
 Gi3_28395434_x1.....cggcgCaguauaacggcuagaa.....1
 Gi5_8876262_x1.....ugguucucacccUacagauccgggu.....1
 Gl1a_6126156_x1.....uccggcguaguCuaacggcu.....1
 Gi1_4275615_x1.....uccggcguUguauaacggcu.....1
 Gi3_28374533_x1.....ucucacccaacaCaucgg.....1
 Gi3_28759870_x1.....agauccggguucgauuccU.....1
 Gi5_8943072_x1.....uucucacccaacCgauccg.....1
 Gi2_11113912_x1.....uccggcguaguauaacggcuaCa.....1
 Gi3_28771493_x1.....caGcagauccggguucgauucc.....1
 Gi5_8871044_x1.....gguucucaUccaacagauccgg.....1
 Gi1_4297345_x1.....uucgauucccgggcgccggGgc.....1
 Gi2_11137772_x1.....uccgCcgaguauaacggcuag.....1
 Gi5_8907661_x1.....Aguucgauucccgggcgccggagcguu.....1

Gi3_28293012_x1.....ucgauuccAgggcgccggag.....1
Gi1_4280852_x1.....uccggguucgaCuccggcgccgga.....1
Gi3_28290095_x1.....gguucucacccaacagauccgggA.....1
Gi5_9035748_x1.....gNuucgauucccgcgccggagc.....1
Gi5_8932366_x1.....ccggcguGguauaacggcua.....1
Gi1_4376981_x1.....uucgGuucccgcgccggagc.....1
Gi1a_6082016_x1.....uccggcguaguauaacggcCagaa.....1
Gi1a_6166156_x1.....uccggcguaguaGaacggcuag.....1
Gi3_28756476_x1.....gguucgauucccgCcgcc.....1
Gi1_4259723_x1.....gguucucCcccaacagauccgg.....1
Gi5_8998405_x1.....uucucacccaacagauccgggCu.....1
Gi4_577047_x1.....gguucgauNcccgcgcc.....1
Gi4_589372_x1.....uccAgcguaguauaacggcuag.....1
Gi2_11016489_x1.....ugguucucaccAaacagauccg.....1
Gi2_11391649_x1.....ugguucucacccaGcagaucc.....1
Gi5_8903574_x1.....Cgcguaguauaacggcuag.....1
Gi5_9075623_x1.....guucgaCucccgcgccggagcgu.....1
Gi5_8840835_x1.....uccggguucgauucUcggc.....1
Gi5_8923861_x1.....guucAcacccaacagauccgg.....1
Gi4_575714_x1.....ugguucucacccaacGga.....1
Gi1_4272790_x1.....uccggcguaguauaaAggcu.....1
Gi2_11138958_x1.....aguccggcguaguauCacggcuaga.....1
Gi5_9000220_x1.....guucgaCucccgcgccggagcguuuc.....1
Gi1_4350415_x1.....uucgauucccgcgccAgagc.....1
Gi1_4171949_x1.....uucgauucccgAcgccc.....1
Gi3_28534528_x1.....aUagauccggguucgauu.....1
Gi1_4366673_x1.....uccggcguaguauaacgC.....1
Gi1a_6317276_x1.....gguucgauucccgAgccg.....1
Gi2_11312496_x1.....ucgauAcccgcgccggag.....1
Gi3_28977093_x1.....gguucucacccaacagUuccg.....1
Gi1_4336743_x1.....uucuaAcacccaacagauccgg.....1
Gi3_28284791_x1.....gauccgAguucgauucc.....1
Gi3_28751554_x1.....Acgauucccgcgccggagc.....1
Gi3_28509370_x1.....ugguucucaccccUacagauc.....1
Gi5_9077327_x1.....gGaguauaacggcuagaau.....1
Gi3_28955718_x1.....caUccaacagauccggguuc.....1
Gi3_28571596_x1.....uUcggcguaguauaacggcu.....1
Gi2_11007067_x1.....gguucucacccaacagauccgg.....0
Gi5_8921422_x1.....acccaacagGuccggguucgauucc.....1
Gi5_8931379_x1.....uccggcguaguauaUcgg.....1
Gi2_11343980_x1.....uccNgcguaguauaacggcua.....1
Gi3_28699645_x1.....Agcguaguauaacggcuaga.....1
Gi5_8964200_x1.....ggNucgauucccgcgccg.....1
Gi5_9007389_x1.....guucgauucccgcgccgUagc.....1
Gi3_28459116_x1.....uucNauucccgcgccgga.....1
Gi3_28682260_x1.....gguucgauucGcggcgccg.....1
Gi3_28851294_x1.....caccUaacagauccggguuc.....1

Gi2_11116811_x1.....cUgcguaguauaacggcuaga.....1
Gi3_28350522_x1.....agauccggguucUauuccgggcccgg.....1
Gi2_11366968_x1.....uccggcguUguauaacggcuag.....1
Gi3_28307645_x1.....ggcguaguauaacggcuaUa.....1
Gi3_28628330_x1.....uccggguucgauuccgggcccggG.....1
Gi3_28874542_x1.....gguucgauucAcgggcccgg.....1
Gi2_11383158_x1.....guucgauuccgggcccggUa.....1
Gi5_8944332_x1.....Accggcguaguauaacggcuagaa.....1
Gi5_8835427_x1.....ugguuAucacccaacagauccg.....1
Gi4_583265_x1.....guucgauucUcgggcccggga.....1
Gi3_28371487_x1.....uucucacccaacaUauccg.....1
Gi3_28365131_x1.....cggcguaguauGacggcuaagaau.....1
G1a_6005304_x1.....uucgauuccUgggcccggagc.....1
Gi3_28737152_x1.....uucucacccaacagauccGgg.....1
Gi5_8911201_x1.....uccAgcguaguauaacggcu.....1
G1a_6346247_x1.....gguucgauuccccAcgcccgg.....1
G1i_4361419_x1.....uucucacccaacagauccUg.....1
Gi2_11349991_x1.....agGaugguugguucucacc.....1
Gi2_11039119_x1.....auccggguucgauuccgggcccggagc.....0
G1a_6095435_x1.....uGcggcguaguauaacggcu.....1
Gi3_28317899_x1.....gCucucacccaacagauccgggu.....1
Gi5_9045459_x1.....Agguucgauuccgggcccggagc.....1
Gi5_9132180_x1.....uccggcguaguauaacggcuagaa.....1
G1a_6104029_x1.....gguucgauucccCgcgcccggagc.....1
G1i_4367466_x1.....accaacaAauccggguucgauuccc.....1
Gi3_28728864_x1.....Agguucgauuccgggcccggga.....1
G1i_4249212_x1.....gguucgaCuccgggcccggag.....1
G1a_6299274_x1.....gguucgauucccUgcgcccggag.....1
Gi4_612650_x1.....guucgauuccgggcccggUcggga.....1
Gi5_8890773_x1.....guucucaAccaacagauccgg.....1
G1i_4175616_x1.....gguCcgauuccgggcccggga.....1
Gi3_28305474_x1.....ggcguaguauaacggcuaga.....1
G1i_4215423_x1.....ucacccaacagauccgCgu.....1
G1i_4266422_x1.....uucucacccaacagauccU.....1
Gi3_28787178_x1.....ucgauuAccgggcccggag.....1
Gi3_28423118_x1.....guucucacGcaacagauccggg.....1
G1i_4185751_x1.....ggCucucacccaacagauccgg.....1
Gi2_11225171_x1.....ugguucucacGcaacagauccg.....1
Gi5_8962046_x1.....Cgguucucacccaacagauccgggu.....1
Gi5_9054686_x1.....guucucacccaacagaucc.....0
G1a_6154963_x1.....uuUgauuccgggcccggagc.....1
G1a_6300659_x1.....uGcggcguaguauaacggc.....1
Gi4_579742_x1.....guCcgauuccgggcccgg.....1
Gi3_28492538_x1.....uucucacccaacaCauccgg.....1
Gi3_28689156_x1.....ucgauucccAcgcccggag.....1
G1i_4281978_x1.....Ucggcguaguauaacggc.....1
Gi3_28396191_x1.....ugguucucUcccaacagaucc.....1

Gi1_4268271_x1.....gguucucacAcaacagauccgg..... 1
Gi2_11059842_x1.....gguucgauucccggcgccgCa..... 1
Gi2_11351729_x1.....uccggguucgauucccggcgcUgga..... 1
Gi3_28647909_x1.....Cguucucacccaacagaucc..... 1
Gi2_11022110_x1.....cgauuccUggcgccggagcguuuc..... 1
Gi1_4324299_x1.....ggcguaguauaacggUua..... 1
Gi3_28383338_x1.....cgUguucgauucccggcgccgga..... 1
Gi4_583134_x1.....guucgauuccUggcgccgg..... 1
Gi2_11204646_x1.....ccggcguCguauaacggcua..... 1
Gi5_9082625_x1.....uucgCuucccggcgccg..... 1
Gi4_577890_x1.....Gccggcguaguauaacggcua..... 1
Gi1_4241720_x1.....gguucgauuccUggcgccggagc..... 1
Gi3_28429230_x1.....uucucUcccaacagauccgg..... 1
Gi1_4335218_x1.....guucucacccUacagaucgg..... 1
Gi3_28709223_x1.....Acgauucccggcgccggag..... 1
Gi1_4234736_x1.....gguucgauucccggcgccgCagc..... 1
Gi1_4262903_x1.....guucgCuucccggcgccggagc..... 1
Gi2_11295088_x1.....gguNcgauucccggcgccgga..... 1
Gi2_11299356_x1.....agauccgAguucgauucc..... 1
Gi5_9020413_x1.....acccaacagauccggguucgauucUc..... 1
Gi1_4308228_x1.....Agguucgauucccggcgccg..... 1
Gi1_4242195_x1.....ggguucgauucccggcgccgU..... 1
Gi3_28558286_x1.....guucgauucccgAcgccg..... 1
Gi1_4316738_x1.....uucccggcgccggagcCu..... 1
Gi5_9101401_x1.....ucGcacccaacagauccgggu..... 1
Gi1_4197881_x1.....uccUgcguaguauaacggcua..... 1
Gi5_9068058_x1.....cgauucccCgcgccggagcguuuc..... 1
Gi1_6152621_x1.....Cguucgauucccggcgccg..... 1
Gi3_28480317_x1.....uucgauucccgAcgccg..... 1
Gi1_4214955_x1.....ccggcguaguauaacggcua..... 1
Gi2_11219074_x1.....cccaacagUuccggguuc..... 1
Gi3_28366738_x1.....uccggcguaguauaacgCcu..... 1
Gi2_11365196_x1.....uucuGacccaacagauccg..... 1
Gi1_4304370_x1.....uccggcguaguauaacgU..... 1
Gi5_8925876_x1.....gguucgauucccggcgcGggagc..... 1
Gi5_9133689_x1.....uccggcguaguauaacggcuaUaau..... 1
Gi1_4301381_x1.....guucgauucccggcgccggaCc..... 1
Gi2_11240885_x1.....cGggcguaguauaacggcuaagaau..... 1
Gi2_11219967_x1.....ucAggcguaguauaacgg..... 1
Gi3_28595032_x1.....cggcguagNauaacggcuaagaau..... 1
Gi5_8838906_x1.....cggcguaguauaacggcuagG..... 1
Gi1_4211252_x1.....gUguucgauucccggcgccgga..... 1
Gi3_28481247_x1.....uucucacccaacagCuccgg..... 1
Gi2_11300518_x1.....Gagauccggguucgauucccggcgccggag..... 1
Gi5_9048280_x1.....guucgGuucccggcgccggag..... 1
Gi1_4194051_x1.....guGcgauucccggcgccg..... 1
Gi2_11134767_x1.....cucacccaacagUuccgg..... 1

Gi3_28702826_x1.....cgGuucccgccgcccggag..... 1
Gi2_11148909_x1.....uccggcguaguauaCcggc..... 1
G1a_6096632_x1.....Uuucgauucccgccgcccggag..... 1
Gi3_28320600_x1.....uucucaUccaacagauccgg..... 1
Gi3_28890204_x1.....ucAgggguucgauucccgccgcccga..... 1
Gi2_11354062_x1.....uccggcguaguauaacGU..... 1
Gi1_4169482_x1.....guucgauuccUgcgccg..... 1
Gi1_4365183_x1.....cucacccaacagauccggguucgauU..... 1
Gi3_28339002_x1.....ccggUguaguauaacggcu..... 1
Gi3_28420742_x1.....cucacccaacagauccggC..... 1
Gi2_11285736_x1.....cgauucccgccgcccggCgcguuu..... 1
Gi1_4382342_x1.....agauccggguucgauCccc..... 1
Gi3_28282996_x1.....gguucgauucccgccUccgg..... 1
Gi3_28684600_x1.....uucgauUccggccgcccgg..... 1
G1a_6197386_x1.....uccgUcguaguauaacggcuagaa..... 1
Gi1_4362163_x1.....guugguucucacccaacaAauccgggu..... 1
Gi2_11291313_x1.....gguucgauucccgccCccgga..... 1
Gi1_4343697_x1.....cucacccaacagauccggU..... 1
G1a_6151198_x1.....gguucgauUccggccgcccggagc..... 1
Gi3_28718085_x1.....ugguucucacccaacagauU..... 1
Gi5_9100593_x1.....uucucacccaUagauccg..... 1
Gi3_28609217_x1.....uucucacccaacagauccggguA..... 1
G1a_5986143_x1.....gCuucgauucccgccgccc..... 1
Gi2_11095496_x1.....uccUcguaguauaacggcuagaa..... 1
G1a_6263421_x1.....uucucaUccaacagauccg..... 1
Gi3_28346100_x1.....aucggguucgauucccgccC..... 1
Gi5_8904963_x1.....cgauucccgccgcccggagcgg..... 0
Gi2_11013224_x1.....uggGucucacccaacagauccg..... 1
Gi2_11355533_x1.....uccggguucgauAcccgccgcccgga..... 1
G1a_6258115_x1.....Auucgauucccgccgcccgg..... 1
Gi2_11168775_x1.....cccaacagauccgggCuc..... 1
Gi2_11090457_x1.....uucucacUcaacagauccggguucg..... 1
Gi1_4178239_x1.....guucucacccaacagauUcgg..... 1
Gi3_28539468_x1.....guucucacGcaacagauccgggu..... 1
Gi3_28519263_x1.....cagauccggguucgauucccgccAccgg..... 1
Gi1_4260712_x1.....ucucacccaacagGuccg..... 1
Gi5_9073159_x1.....guucuUaccaacagauccgg..... 1
Gi3_28908699_x1.....Ncucacccaacagauccgg..... 1
Gi3_28547559_x1.....gguucucacccaacaCaucc..... 1
Gi5_9097109_x1.....aUagauccggguucgauucccgccg..... 1
Gi3_28831761_x1.....Auucggguucgauucccgccgcccgga..... 1
Gi1_4390133_x1.....guucucUccaacagauccg..... 1
Gi1_4364259_x1.....gguucgauUcggccgcccggag..... 1
Gi2_11318275_x1.....uGcucacccaacagauccggguucg..... 1
Gi3_28473247_x1.....uUcggguucgauucccgccgcccg..... 1
Gi2_11325663_x1.....uGcggguucgauucccgccgcccgga..... 1
Gi5_9013177_x1.....uccggcguaguauaacggcuagaaCgguu..... 1

Gi3_28405141_x1.....auccggguCcgauuccggcgccggagc..... 1
Gi4_585429_x1.....Aguucgauuccggcgccgg..... 1
Gi4_571453_x1.....uccggcguaguauaacggAuagaau..... 1
G1a_6303005_x1.....uccggcguaguauaacggcuUga..... 1
Gi5_8927650_x1.....gguucucaccaCcagauc..... 1
Gi5_8939812_x1.....uucucaccaacagaucGg..... 1
Gi3_28675988_x1.....ggcguaguauCacggcuagaau..... 1
G1a_6020043_x1.....guucgauCcccgggcgccggagc..... 1
Gi1_4267136_x1.....gguucucaccaacagauccA..... 1
Gi2_11271428_x1.....gguucgaGuccggcgccg..... 1
Gi5_8941978_x1.....aguccggcguaguauGacggcuagaauagg..... 1
Gi3_28435245_x1.....gguCcuacccaacagauccgggu..... 1
Gi1_4239349_x1.....uccggGguaguauaacggcua..... 1
Gi1_4259666_x1.....gguucgauuccggcUccgg..... 1
Gi3_28350141_x1.....ggcguaguauaacggcuaAa..... 1
Gi3_28590145_x1.....guucgauGccggcgccggag..... 1
Gi2_11013948_x1.....guucgauGccggcgccgga..... 1
Gi5_9129030_x1.....uccggcguNguauaacggcuagaauagg..... 1
Gi3_28963182_x1.....uccggcguaguauaacggcGagaau..... 1
Gi5_9082933_x1.....gguucucaccaacagauccAg..... 1
Gi5_8988570_x1.....uccCgcguaguauaacggcuag..... 1
Gi3_28399065_x1.....uccggguUgauuccggcgccgga..... 1
Gi5_8923123_x1.....gUuucucaccaacagauccgggu..... 1
Gi4_598994_x1.....gguucgauuccggUgccgg..... 1
Gi2_11042293_x1.....uccggcguaguauaaGggcua..... 1
Gi1_4328694_x1.....cgauuccggcgccggagc..... 0
Gi3_28552813_x1.....guuNgauuccggcgccggag..... 1
Gi2_11248282_x1.....ugUuucucaccaacagauccggguucga..... 1
Gi5_8883410_x1.....uucucaccaacagCuccgg..... 1
Gi5_9083362_x1.....uucucaccaacagauUcgg..... 1
Gi5_9005679_x1.....gguucgauuccggcgccggagcgAu..... 1
Gi4_597091_x1.....uGcucaccaacagauccgg..... 1
Gi3_28941279_x1.....gguucgauuccggcgccgUag..... 1
Gi3_28381292_x1.....gguucucacccGacagaucc..... 1
G1a_6331626_x1.....uccggcguaguaCaacggcuag..... 1
Gi2_11200439_x1.....Gggcguaguauaacggcuagaau..... 1
Gi2_11294964_x1.....gcAuaguauaacggcuagaau..... 1
Gi3_28526016_x1.....cgauuccggcgUcggag..... 1
Gi5_9022843_x1.....cccaacagauccAgguuc..... 1
Gi1_4360840_x1.....uccggcguaguCuaacggcuaga..... 1
Gi3_28908752_x1.....cucaccaCcagauccgg..... 1
Gi3_28488094_x1.....Gagauccggguucgauuccggcgccgg..... 1
Gi5_9079622_x1.....cccaacagauccggcCuc..... 1
Gi5_9044106_x1.....Agcguaguauaacggcuagaa..... 1
Gi4_604099_x1.....ugguucucaccaacagauccgggu..... 0
Gi5_8877020_x1.....uucgauuccggcgccggagcgA..... 1
Gi3_28940114_x1.....cggcguaguauaacggUuagaau..... 1

Gi3_28789606_x1.....gguucgauuccggcUcc..... 1
Gi3_28975968_x1.....auccggguucAauuccggcgccgga..... 1
Gi5_8925195_x1.....ucucaccaacagauccgC..... 1
Gi2_11115133_x1.....gguuAgauuccggcgcc..... 1
Gi1_4225630_x1.....uccggcguaguUuaacggcua..... 1
Gi3_28784225_x1.....uucgUuuccggcgccg..... 1
G1a_6280602_x1.....gguucgGuuccggcgccgag..... 1
G1a_6264563_x1.....guucucaccaacUgauccg..... 1
Gi5_9122569_x1.....ccggUguaguauaacggcuag..... 1
Gi3_28577470_x1.....agauccggguuAgauucc..... 1
Gi3_28328436_x1.....cGcccaacagauccggguuc..... 1
Gi2_11358228_x1.....ucgauuccGggcgccggagc..... 1
Gi3_28428452_x1.....ucgaGuuccggcgccggagc..... 1
Gi3_28344790_x1.....uccggcguaguauaaGggcuagaa..... 1
Gi5_9050820_x1.....uuNucaccaacagauccg..... 1
Gi3_28439206_x1.....cagauccggguucgauGcc..... 1
Gi5_8910802_x1.....uAcggcguaguauaacgg..... 1
Gi3_28323628_x1.....uccggcguaguauaaGggcuag..... 1
Gi4_606205_x1.....guucgauuccggcgCagg..... 1
Gi5_8886831_x1.....gguucgauuccUggcgccggagcguu..... 1
Gi2_11109699_x1.....guucAcaccaacagauccg..... 1
Gi3_28940951_x1.....uccggguucgauuccAgggcgccgga..... 1
Gi3_28915508_x1.....gauuccggcgccAgagc..... 1
Gi2_11096192_x1.....uccggcguaguauaacggG..... 1
Gi1_4265161_x1.....ucucacAcaacagauccgg..... 1
Gi2_11267232_x1.....ugguucucacUcaacagauccg..... 1
Gi2_11098528_x1.....uccggcguaguauaacgUcuaga..... 1
Gi3_28824909_x1.....uccggcguaguUuaacggcuag..... 1
Gi1_4336238_x1.....uugguucucaccaacagaucc..... 0
Gi3_28864523_x1.....ucgauucccgAgccgga..... 1
Gi3_28489770_x1.....uucgauuccAgggcgccgga..... 1
Gi3_28281105_x1.....cucaccaacagauccAgguucgauu..... 1
Gi2_11360205_x1.....cgauuccggcgCaggagcguu..... 1
Gi3_28902693_x1.....uccggcguaguauaaGggcu..... 1
Gi2_11124518_x1.....gguucgauAccggcgccgga..... 1
Gi3_28296806_x1.....guAcucaccaacagauccggg..... 1
Gi5_9022000_x1.....ccggcguaguauaGcggcuag..... 1
G1a_6108774_x1.....gguucgauGccggcgccgga..... 1
Gi3_28467341_x1.....ucucacUcaacagauccgg..... 1
Gi3_28578239_x1.....caccaacagauccAgguuc..... 1
Gi1_4382100_x1.....uccggcguCguauaacggcuagaa..... 1
Gi1_4272815_x1.....gAuucucaccaacagauccgg..... 1
Gi3_28329919_x1.....cUcccaacagauccggguuc..... 1
Gi3_28725258_x1.....cucaccaNcagauccggguucgauucc..... 1
G1a_6278848_x1.....gguucgauuccggcCccggagc..... 1
G1a_6286866_x1.....Cguucgauuccggcgccg..... 1
Gi1_4376379_x1.....uucucaccaacaCaucgg..... 1

Gi2_11024313_x1.....gguucgauucccgcgccggagcguuA..... 1
Gi1_4320439_x1.....auccAgguucgauucccgcgccgg..... 1
Gi2_11258334_x1.....cccaacagauGcgguuc..... 1
Gi5_9050629_x1.....acccCacagauccggguucgauucc..... 1
Gi3_28568661_x1.....gguucucacccaacagaCcc..... 1
Gi3_28559303_x1.....guAcucacccaacagauccgg..... 1
G1a_5986255_x1.....uccggAguaguauaacggcuaga..... 1
Gi5_8876399_x1.....uccggcguaguCuaacggcu..... 1
Gi5_8902325_x1.....Agguucgauucccgcgccggag..... 1
Gi3_28921023_x1.....uucAauucccgcgccgga..... 1
G1a_6071562_x1.....Aguucgauucccgcgccg..... 1
Gi3_28632935_x1.....ucaccUaacagauccggguuc..... 1
Gi1_4358312_x1.....ucaccCacagauccgggu..... 1
Gi1_4215116_x1.....gguucgauucccgGgcccga..... 1
Gi5_8904088_x1.....uccggcguagAuaaacggcuagaa..... 1
Gi5_9080958_x1.....gCuucgauucccgcgccggagcgu..... 1
Gi2_11171329_x1.....uccggcguaguauaacggcuaC..... 1
Gi5_8911403_x1.....uccggcgGaguauaacggc..... 1
Gi2_11197417_x1.....uccggcguaguUuaaacggcuaga..... 1
G1a_6257853_x1.....gguucgauCcccggcgccggag..... 1
G1a_6346630_x1.....uGcggcguaguauaacggcuagaa..... 1
Gi2_11009016_x1.....uGcgauucccgcgccggag..... 1
Gi2_11036483_x1.....gguucucacccaacaCauccg..... 1
Gi2_11266191_x1.....cUcgguaguauaacggcuag..... 1
Gi3_28362998_x1.....uccCgcguaguauaacggcuagaa..... 1
Gi2_11331587_x1.....guNcgauucccgcgccgg..... 1
Gi5_9082802_x1.....ucucacccaacGgauccgg..... 1
Gi3_28900399_x1.....auccggguucgaGucccgcgccgga..... 1
Gi5_8974191_x1.....ucAgggcguaguauaacggcuagaa..... 1
G1a_5999775_x1.....Cucucacccaacagauccg..... 1
Gi3_28843634_x1.....cggcguaguauaacggcuaAa..... 1
Gi1_4212311_x1.....ucucacccaacagauccAg..... 1
Gi5_8916156_x1.....guucgauNccggcgccggag..... 1
Gi2_11311014_x1.....uucgauucccgcgccUgag..... 1
Gi5_9049110_x1.....ucacccaacagauccAgguu..... 1
Gi2_11110564_x1.....ugguucucacccaacagaCcc..... 1
Gi3_28589833_x1.....ugguucucacccaacagaucc..... 0
Gi3_28576477_x1.....ucAauucccgcgccggag..... 1
Gi2_11340941_x1.....uucgCuucccgcgccgg..... 1
G1a_6177820_x1.....uucgauucccgcgccgAagc..... 1
Gi2_11199524_x1.....Gggguucgauucccgcgccgga..... 1
Gi5_9000909_x1.....gguucgauucccgcgccggaUc..... 1
Gi1_4213027_x1.....gguucgauucccgcgccggaCc..... 1
Gi5_8855431_x1.....uccggcguaUuaaacggc..... 1
Gi3_28323490_x1.....ugguucucacUaacagauccggguucga..... 1
Gi1_4183056_x1.....cggcguagNuaaacggcu..... 1
Gi2_11010459_x1.....ucgaCuucccgcgccgga..... 1

Gi5_8848946_x1.....ucgauucUcggcgccggag.....1
 Gi2_11294474_x1.....uucgauucccggcAccgg.....1
 Gi1_4307504_x1.....Aucgauucccggcgcccgg.....1
 Gi5_8857226_x1.....guucgauucccggcgcccggagcgu.....0
 Gi1_4210347_x1.....uggNucucacccaacagauccgg.....1
 Gi1_4166191_x1.....cucacccaacagauccggguucgG.....1
 Gi3_28846649_x1.....cgauucccggcgcccggagcgC.....1
 Gi2_11398309_x1.....cucacccaacagaCccgg.....1
 Gi1_4311204_x1.....gguAcucacccaacagauccg.....1
 Gi5_8959419_x1.....ccggcguaNuauaacggcuagaau.....1
 Gi2_11226846_x1.....ucNggcguaguauaacgg.....1
 Gi5_8902008_x1.....ucacUcaacagauccggguu.....1
 Gi2_11361367_x1.....uccUgcguaguauaacggc.....1
 Gi1_4368147_x1.....uAucacccaacagauccg.....1
 Gi3_28707866_x1.....gguucucacccaaUagauccgg.....1
 Gi3_28396531_x1.....ugguucucaUccaacagaucc.....1
 Gi1_4347019_x1.....guucgauuAccggcgcccg.....1
 Gl1a_6212261_x1.....guucgauucccggcgAcg.....1
 Gi5_9013907_x1.....ugguucucacccaacagauccAg.....1
 Gi1_4191041_x1.....gguucucacccaUcagauccg.....1
 Gi5_8971807_x1.....cagauccgNguucgauucccggcgcccg.....1
 Gi5_8943502_x1.....guucucacccaacaUauccg.....1
 Gi5_8858148_x1.....ccggcguaquauaacggcuGga.....1
 Gi2_11061990_x1.....ucgauuccNggcgcccga.....1
 Gi3_28449308_x1.....uucgaCucccggcgcccga.....1
 Gi5_9077290_x1.....uucgaCucccggcgcccggagc.....1
 Gi2_11324069_x1.....cAgguucgauucccggcgcccga.....1
 Gi5_9077938_x1.....gauucccggcgcccggagcCu.....1
 Gi5_8961489_x1.....uucucacccaacGgauccgg.....1
 Gi3_28508720_x1.....gguuAucacccaacagauccg.....1
 Gi2_11070776_x1.....ucgauucccggcgcccUgag.....1
 Gi1_4211759_x1.....gguucucUcccaacagauccgg.....1
 Gi3_28466710_x1.....Nguucgauucccggcgcccg.....1
 Gi1_4374766_x1.....uccUgcguaguauaacgg.....1
 Gi1_4360605_x1.....uccggcguaAuauaacggcuagaau.....1
 Gi3_28399320_x1.....guucucacccaacUgauccg.....1
 Gi5_8837121_x1.....gNuucucacccaacagauccg.....1
 Gi5_9081632_x1.....ggcguaquauaacggcuagaGu.....1
 Gi3_28971467_x1.....ucgauucccggcgcccCga.....1
 Gi2_11372612_x1.....gauccggguucgauucc.....0
 Gi4_600706_x1.....uccggcgguNguauaacggcuag.....1
 Gi5_8927523_x1.....ugguucucacccaacagaCccgggu.....1
 Gi3_28311635_x1.....ugguucucacccaacagGuc.....1
 Gi5_8970024_x1.....acagauccggguucgauucccgAgc.....1
 Gi3_28686329_x1.....agCuccggguucgauucc.....1
 Gi3_28440888_x1.....cagauccggguucgauucccggcGcgg.....1
 Gi5_8961680_x1.....gguucucaccccCacagaucc.....1

Gi1_4323888_x1.....gGucgauucccgcgccggag..... 1
 Gi1_4191855_x1.....Gucaccaacagauccggguucgauucc..... 1
 Gi5_9053092_x1.....ugguucucaccaacaUauccgggu..... 1
 Gi5_8847668_x1.....ugguucucaccaacagauUcgggu..... 1
 Gi3_28389825_x1.....Uggcguaguauaacggcuagaa..... 1
 Gi5_9124826_x1.....gguucGcaccaacagauccg..... 1
 Gi2_11112269_x1.....agaucGggguucgauucc..... 1
 Gi3_28381752_x1.....ucgauucccgAgccggag..... 1
 Gi2_11168535_x1.....uucgauucccgcgccUga..... 1
 Gi5_8991978_x1.....gguucAcaccaacagauccg..... 1
 Gi4_575170_x1.....ggCucgauucccgcgccggagc..... 1
 Gi5_8831624_x1.....gguucuAaccaacagaucc..... 1
 Gi3_28407437_x1.....guucucaccaacagauccggG..... 1
 Gi5_9044427_x1.....ucucacGcaacagauccgggu..... 1
 Gi5_9053971_x1.....acagauccggguucgauucGcggcgc..... 1
 Gi1a_6155221_x1.....guucucacNcaacagauccg..... 1
 Gi2_11059949_x1.....uccggcguaguauaacAgcuagaa..... 1
 Gi2_11198248_x1.....uucucaccaaaAagauccg..... 1
 Gi4_570229_x1.....uccgAcguaguauaacggcuaga..... 1
 Gi2_11346832_x1.....agaucggguucgCuucc..... 1
 Gi5_9049413_x1.....ugguuAucaccaacagauccgggu..... 1
 Gi1_4326763_x1.....uccNgcguaguauaacgg..... 1
 Gi1_4374816_x1.....Ccgauucccgcgccggagc..... 1
 Gi1_4264100_x1.....aacagauccggguucgauuccAgcgcgg..... 1
 Gi1_4348091_x1.....gguucgauucccgcgccCga..... 1
 Gi1a_6322399_x1.....gguucgGuucccgcgccg..... 1
 Gi5_9126598_x1.....cccaGcagauccggguucgau..... 1
 Gi2_11222589_x1.....ucgauuccAgcgcggga..... 1
 Gi1_4230138_x1.....uccggGguaguauaacgg..... 1
 Gi3_28912144_x1.....aucggguuAgauucccgcgccgga..... 1
 Gi5_8985532_x1.....uucucaccaacagauccU..... 1
 Gi5_8973379_x1.....ucgauucccgcgAcggagc..... 1
 Gi3_28957958_x1.....uccggcguagCauaacggcuagaa..... 1
 Gi3_28839168_x1.....guucucUccaacagauccggg..... 1
 Gi5_8856754_x1.....Nccggcguaguauaacggcua..... 1
 Gi5_8849942_x1.....aguccggcguaguauaacggcuagaaAgg..... 1
 Gi2_11227077_x1.....guucgauucccgcgccGg..... 1
 Gi3_28728177_x1.....agaucgggCucgauucc..... 1
 Gi3_28427369_x1.....ucaccaacagUuccggguuc..... 1
 Gi5_9087774_x1.....ggcguaguauaacggcuGg..... 1
 Gi2_11234424_x1.....ggcguaguauaacAgcuaga..... 1
 Gi1a_6320710_x1.....guAcgauucccgcgccgg..... 1
 Gi5_8846494_x1.....uccggcguAuaaacggcuagaa..... 1
 Gi5_9000256_x1.....cgauucccgcgccggagcguu..... 0
 Gi3_28676654_x1.....cGcaacagauccggguucgauucc..... 1
 Gi3_28828058_x1.....uccggcguaguauaacgUcuagaa..... 1
 Gi3_28366366_x1.....uccggcgGaguauaacggcuagaa..... 1

Gi1_4311669_x1.....gguucgauuccAggcgccc..... 1
Gi1_4209480_x1.....uccggcgCaguauaacggcuagaau..... 1
G1a_6056374_x1.....Cccggcguaguauaacggcuaga..... 1
Gi2_11256551_x1.....uucucaccaacagaAccg..... 1
Gi5_9047984_x1.....gcuaguauaGcggcuaga..... 1
Gi2_11275391_x1.....ucgauuccggcgcccggagA..... 1
Gi1_4246456_x1.....ucucaccaacaUauccg..... 1
Gi1_4247730_x1.....uucgCuuccggcgcccgg..... 1
Gi4_572180_x1.....gguucgauuccggcgGcggagc..... 1
Gi5_9066233_x1.....uccggcguaguauaacggcuauA..... 1
Gi1_4204272_x1.....ugguucucacUcaacagaucg..... 1
Gi3_28593613_x1.....Ncgauuccggcgcccggagc..... 1
Gi2_11015154_x1.....accaacagaucggguucgauucc..... 0
Gi1_4221503_x1.....agauccggguucgauuccggcgcccggagc..... 0
Gi1_4225951_x1.....ucacAcaacagaucgggu..... 1
Gi2_11238491_x1.....guucgauuccggcgcccggA..... 1
Gi3_28316960_x1.....ggcguaguauaUcggcuagaau..... 1
Gi1_4244347_x1.....Uauuccggcgcccggagc..... 1
Gi3_28883816_x1.....gguucgauuccggNgcccggagc..... 1
Gi1_4196051_x1.....guucucaccaacagaucgC..... 1
Gi2_11040866_x1.....uccggAguaguauaacggcuagaau..... 1
Gi1_4315660_x1.....cUgguucgauuccggcgcccgg..... 1
Gi3_28395763_x1.....caacagaCccggguucga..... 1
Gi5_8855244_x1.....uccggcguaguauaacggG..... 1
Gi5_8870495_x1.....guucucaccGaacagaucgg..... 1
Gi2_11141503_x1.....uucucaccaacagauUcgg..... 1
Gi2_11373101_x1.....guucuCaaccaacagaucg..... 1
Gi3_28481643_x1.....CccggguucgauuccggcgcccggA..... 1
Gi4_592962_x1.....gAuucgauuccggcgcccggagc..... 1
Gi2_11209690_x1.....guucgauuccGggcgcccggA..... 1
Gi1_4388966_x1.....ucgauuccggcgUcggagc..... 1
Gi3_28383019_x1.....ggCucucaccaacagauc..... 1
G1a_6043894_x1.....uUcggcguaguauaacggc..... 1
Gi5_8915546_x1.....gguucgUuuccggcgcccggagc..... 1
Gi3_28627834_x1.....uNcgauuccggcgcccggagc..... 1
Gi2_11314643_x1.....uucgauuccggcgcccggUg..... 1
Gi5_8876946_x1.....uccggcCuaguauaacggcuagaau..... 1
Gi2_11095490_x1.....guucAcaccaacagaucgg..... 1
Gi3_28323073_x1.....cccaacagaucgggCucgauucc..... 1
Gi1_4228899_x1.....gguucgauuccGggcgcccggag..... 1
Gi5_8919154_x1.....cUggcguaguauaacggcuaga..... 1
Gi1_4323646_x1.....NuucgauuccggcgcccggA..... 1
Gi1_4213676_x1.....uccggcguaguauaacGcuagaau..... 1
Gi1_4202183_x1.....ucgauuccAgcggcccggagc..... 1
Gi3_28675635_x1.....caacagaucAgguucga..... 1
Gi3_28501653_x1.....cUacagaucggguucga..... 1
Gi3_28587312_x1.....gauuccggcgcccggUgc..... 1

Gi2_11021237_x1.....ccggcguGguauaacggcua..... 1
Gi3_28795125_x1.....ccggcguaguauaaUggc..... 1
G1a_6130507_x1.....gguucgauucccggcAccg..... 1
Gi3_28897627_x1.....cagaucUggguucgauucc..... 1
Gi1_4201497_x1.....aacaUauccggguucgauucccggcgcgg..... 1
Gi5_8981188_x1.....gguucgauuGccggcgccggagc..... 1
Gi4_591325_x1.....gguucgauucUcggcgccgg..... 1
Gi1_4195597_x1.....cUuaguauaacggcuagaau..... 1
Gi3_28795804_x1.....cucGcccaacagauccgg..... 1
Gi5_9071109_x1.....uccggcguaguauaacggcuagaauaggGu..... 1
Gi2_11356626_x1.....cggUguaguauaacggcua..... 1
Gi5_9124695_x1.....uucucaccUaacagauccgg..... 1
Gi2_11226612_x1.....uccggcguaguauaacCgcuag..... 1
Gi2_11363201_x1.....cUgcguaguauaacggcuagaau..... 1
Gi5_9073493_x1.....cagaucggguucgauucccgAgccg..... 1
Gi2_11234487_x1.....ucgauucccggcgcgUagc..... 1
Gi1_4340501_x1.....gguNcgauucccggcgcg..... 1
Gi1_4373086_x1.....guugguucucaccGacagauccgggu..... 1
Gi2_11114347_x1.....cCauuccgggcgcggagcguuu..... 1
Gi2_11184244_x1.....cggcguaguauaacggcuagG..... 1
Gi3_28420422_x1.....agaucggguucgauucccggcgcggaA..... 1
Gi3_28635101_x1.....uugguucucacccaacGgaucc..... 1
Gi4_609932_x1.....Cccggcguaguauaacggcuaga..... 1
Gi3_28475828_x1.....cagaucggguucgCuuccc..... 1
Gi2_11304603_x1.....uccggcguaguGuaacggcuagaa..... 1
Gi3_28976315_x1.....gguucucGcccaacagauccgg..... 1
Gi5_8848803_x1.....guGcgauucccggcgcggag..... 1
Gi5_9027007_x1.....uccggcguaguauaacCgcuaga..... 1
Gi3_28481122_x1.....uccggcguaguauaacGcuag..... 1
Gi5_9059061_x1.....uucucaccUacagauccg..... 1
Gi3_28507220_x1.....uccggcguaguauaacggcuaUaaugguuggu..... 1
Gi3_28763703_x1.....Nccggcguaguauaacggc..... 1
Gi5_8965890_x1.....Agauucccggcgcggagcguuuc..... 1
Gi3_28276348_x1.....ucgaCucccggcgcggag..... 1
Gi3_28270759_x1.....gcguaguauaacggUuaga..... 1
Gi1_4286025_x1.....gguucucUcccaacagauccg..... 1
Gi5_8838262_x1.....gguucgauAcccggcgcggga..... 1
Gi2_11164530_x1.....gguucgauuccUgcgcggga..... 1
Gi5_8958892_x1.....ucgGuucccggcgcggag..... 1
Gi5_9072391_x1.....ugguucucacccaaUagauccg..... 1
Gi1_4223722_x1.....ggcAuaguauaacggcuag..... 1
Gi2_11267438_x1.....ucNggcguaguauaacggcuagaau..... 1
Gi2_11267230_x1.....cggcUuaguauaacggcuag..... 1
Gi1_4158953_x1.....gguucgGuucccggcgcg..... 1
Gi2_11061560_x1.....gguucgauucccggcgcggagcAu..... 1
Gi2_11231128_x1.....agaucggguucgauucccggcgcggag..... 0
Gi5_8875925_x1.....Cucgauucccggcgcggag..... 1

Gi3_28647113_x1.....ggguucgauucccgcgUcgga..... 1
 Gl1a_5995027_x1.....ucucGcccaacagauccg..... 1
 Gi2_11134632_x1.....uccggcguaguauaacggAuagaa..... 1
 Gi3_28962871_x1.....uccggcguaguauaacggG..... 1
 Gi2_11360589_x1.....ugguucucacccaacagaAccg..... 1
 Gi5_8876071_x1.....guucgaGucccgcgccgga..... 1
 Gi1_4335481_x1.....gguNcgauucccgcgccgg..... 1
 Gi3_28561027_x1.....cggcguagCauaacggcuaga..... 1
 Gi2_11016230_x1.....uucgauucccgcgccAg..... 1
 Gi5_8985862_x1.....ccggcguaguauaacAgcua..... 1
 Gi2_11068692_x1.....uccggcguCguauaacggcuagaau..... 1
 Gi5_9106722_x1.....cgauucccgcgUggagcguuuc..... 1
 Gi1_4241493_x1.....auccggguCcgauucccgcgccgg..... 1
 Gi1_4284495_x1.....ucgauucccgcgccggagU..... 1
 Gi5_9023466_x1.....gguucgauuccAgggcgccgg..... 1
 Gi2_11365551_x1.....gauuccUggcgccggagc..... 1
 Gi2_11281917_x1.....gUcguaguauaacggcuaga..... 1
 Gi5_9125988_x1.....guCcgauucccgcgccggag..... 1
 Gi3_28910686_x1.....Aauccggguucgauucccgcgccggag..... 1
 Gi5_8846253_x1.....ccggcguaguUuaacggcua..... 1
 Gi1_4185539_x1.....gauucccgcgccggagU..... 1
 Gi2_11235221_x1.....Gccggcguaguauaacggcuagaauugguagg..... 1
 Gi3_28681081_x1.....caacagauccggguucgGuucccgcgccgg..... 1
 Gi2_11204160_x1.....gguucgauuccCgcgccgg..... 1
 Gi4_603804_x1.....cucacccaacagauccg..... 0
 Gi2_11171955_x1.....uccggcguaguauGacggc..... 1
 Gi1_4218610_x1.....uucgauuccAgggcgccgg..... 1
 Gi3_28982503_x1.....guucCcacccaacagauccgg..... 1
 Gi3_28621345_x1.....gguucucacccaacagauccgg..... 1
 Gi3_28390158_x1.....cguaguauaacAgcuaga..... 1
 Gi3_28489861_x1.....agauccggguuAgauucccgcgccggag..... 1
 Gi2_11377995_x1.....guucgauuccGggcgccg..... 1
 Gi5_8865141_x1.....guuNgauucccgcgccggagc..... 1
 Gi5_8893376_x1.....gguuGgauucccgcgccggag..... 1
 Gi3_28721884_x1.....cacccaacagauccAgguuc..... 1
 Gi5_9107189_x1.....cAcacccaacagauccgg..... 1
 Gi5_8969081_x1.....gguucucacccaacagauccAgguu..... 1
 Gi1_4319907_x1.....guuNgauucccgcgccgga..... 1
 Gi3_28478583_x1.....ccGacagauccggguucgauucccgcgccgg..... 1
 Gi5_9092870_x1.....uccggcguaguaGaacggcuagaa..... 1
 Gi3_28984545_x1.....ucacccaacagauccAgguuc..... 1
 Gi3_28555333_x1.....ucgauucccgcgccggagc..... 1
 Gi2_11239010_x1.....guucgauuccCgcgccgga..... 1
 Gi4_585503_x1.....uugguucucUcccaacaga..... 1
 Gl1a_6104292_x1.....gguucgauuccUggcgcc..... 1
 Gi1_4205937_x1.....ccggcguaguauaacAggcua..... 1
 Gi5_8992771_x1.....uccggAguaguauaacggcuagaa..... 1

Gi1_4378852_x1..... agauccggguucgauucUc..... 1
 Gi3_28868060_x1..... cagaGccggguucgauucc..... 1
 Gi3_28882545_x1..... ggcgguaguauUacggcuag..... 1
 Gi1_4267799_x1..... gguucucacccaacagCuccgg..... 1
 Gi2_11356522_x1..... gcguaguauaacggcuagaaA..... 1
 Gi1_4283334_x1..... Agguucucacccaacagauccg..... 1
 Gi5_9110155_x1..... gguucgauucUcggcgccggag..... 1
 Gi2_11059354_x1..... gguucgaAucccggcgcc..... 1
 Gi5_9048238_x1..... gguucgaAucccggcgccgga..... 1
 Gi3_28370586_x1..... uucucacccaacagauAcggguuc..... 1
 Gi5_8909169_x1..... gauucccgcgccgAagc..... 1
 Gl1a_5981303_x1..... Gccggcguaguauaacggcu..... 1
 Gi3_28677760_x1..... ggcgguaguNuaacggcua..... 1
 Gi1_4237845_x1..... cucacccaacagauccAgguucgauucc..... 1
 Gi3_28381888_x1..... ucgauuccUgcgcccggagc..... 1
 Gi5_8897113_x1..... gguCucacccaacagauccggguu..... 1
 Gl1a_6295680_x1..... uucgauucccgcgccggagcCu..... 1
 Gi5_9045279_x1..... gAuucgauucccgcgccggagcguuu..... 1
 Gi5_8979582_x1..... uccggcguaguaGaacggcuag..... 1
 Gi3_28320605_x1..... gguucucacccaacUgaucc..... 1
 Gi1_4165515_x1..... guugguucCcacccaacagauccgggu..... 1
 Gi3_28773590_x1..... ggcgCguauaacggcuagaa..... 1
 Gi3_28751347_x1..... ccggcguaguauaacggcuGgaa..... 1
 Gi1_4338588_x1..... cagaucggguucgauuccc..... 0
 Gi3_28266730_x1..... guucucacccaGcagauccgggu..... 1
 Gi3_28441267_x1..... uucgauuccAgcgccgg..... 1
 Gi1_4321927_x1..... uccggcguaguaCaacggcuagaa..... 1
 Gi4_587775_x1..... Cccggcguaguauaacggcuagaa..... 1
 Gi3_28518396_x1..... ggcgguaguGuaacggcuaga..... 1
 Gl1a_6046161_x1..... uccggcguaguauCacggc..... 1
 Gi5_8892905_x1..... agauccggguucgaCuccc..... 1
 Gi2_11365591_x1..... ucgauucccgcgccggGg..... 1
 Gi1_4180668_x1..... Uguccggcguaguauaacggcuag..... 1
 Gi5_9084668_x1..... uccggcguagGauaacgg..... 1
 Gi3_28439388_x1..... gNuucgauucccgcgccggagc..... 1
 Gi1_4339288_x1..... uccgAcguaguauaacggc..... 1
 Gi3_28716628_x1..... uucgauucccgcgccUgagc..... 1
 Gi1_4380338_x1..... guucgaGucccggcgccggagc..... 1
 Gi3_28815812_x1..... gguucucacccaacagauccAgg..... 1
 Gi5_8959181_x1..... gguGcucacccaacagauccg..... 1
 Gi1_4172506_x1..... uccggcAuaguauaacggcuagaa..... 1
 Gi4_570145_x1..... gGucgauucccgcgccgga..... 1
 Gi2_11344505_x1..... uccggcguaguauaacggcuagaG..... 1
 Gi3_28688297_x1..... gguAcgauucccgcgcc..... 1
 Gi1_4203859_x1..... uuGucacccaacagauccgg..... 1
 Gi2_11134506_x1..... cccaacagauccgggGuc..... 1
 Gl1a_6176978_x1..... gguucgauCcccggcgccgga..... 1

Gi3_28351550_x1.....uccggcguaguaAaacggc.....1
G1a_6029100_x1.....gguucgauucccAgcgccg.....1
Gi3_28881524_x1.....Gcggcguaguaaacggcuag.....1
Gi3_28288256_x1.....guucucaccccGacagauccgggu.....1
Gi2_11366958_x1.....uccggcguauuaaacgg.....1
Gi2_11185963_x1.....gguucgauucccgggcgggagcAuuuc.....1
Gi5_9001238_x1.....gguNcgauucccgggcggc.....1
Gi1_4323829_x1.....gguucgauGcccggcggcga.....1
Gi3_28923520_x1.....cCauucccgggcgggag.....1
Gi1_4371947_x1.....uccggcguaguaaacgCc.....1
Gi3_28740307_x1.....guucucacccaaAagaucgg.....1
Gi3_28822384_x1.....guucucacccaaAagaucgg.....1
Gi3_28923004_x1.....uccggcguauuaaacgg.....1
Gi2_11352222_x1.....ucNggcguaguaaacggcuaga.....1
Gi2_11312903_x1.....uccgAcguaguaaacggcu.....1
Gi1_4238223_x1.....ucucaAccaacagauccgg.....1
Gi3_28890051_x1.....guucgauuccUgcggcggag.....1
Gi2_11085676_x1.....uucucacccaacagauccU.....1
Gi1_4240444_x1.....gguucgauucccgggcggcggag.....1
Gi3_28963298_x1.....cgauucccgggcggcggagc.....1
Gi4_587799_x1.....uccggcguaguaaacAgcuagaau.....1
Gi4_574948_x1.....gguucgauCcccggcggcggagc.....1
Gi4_577240_x1.....Uuucucacccaacagauccgg.....1
Gi2_11061751_x1.....cGggcguaguaaacggcu.....1
Gi3_28937902_x1.....ugguCcuacccaacagaucc.....1
Gi5_9129461_x1.....gguucgauucccgCcgccgg.....1
G1a_6150146_x1.....uucucacccaacGgauccg.....1
Gi2_11000074_x1.....ucgaGucccggcggcggag.....1
Gi3_28828962_x1.....uccggUguaguaaacggcu.....1
Gi2_11012929_x1.....guAcgauucccgggcggc.....1
Gi1_4283531_x1.....ggcguaguauCaaggcuag.....1
Gi2_11154898_x1.....cggcguGguauaacggcuaga.....1
Gi2_11135237_x1.....guucgauuccUggcgccg.....1
Gi3_28692203_x1.....gguucuUacccaacagaucc.....1
Gi1_4376683_x1.....gguucgauUccggcggcggc.....1
Gi5_8861140_x1.....uccggguucgauucccCgc.....1
Gi3_28367049_x1.....caacagauccgAguucga.....1
Gi1_4333951_x1.....gAucgauucccgggcggc.....1
Gi3_28573061_x1.....uccggguucgauuccggcAccgga.....1
Gi3_28494622_x1.....guucucaccAaacagauccgg.....1
Gi5_9043316_x1.....ccggcguaguauUcggcuag.....1
Gi1_4372239_x1.....guucucacccaacUgauccg.....1
Gi3_28678017_x1.....gguucgauucccgggcggcAgagc.....1
Gi5_9127215_x1.....gguucUauucccgggcggc.....1
Gi1_4197516_x1.....uccggcguaguaaacCg.....1
Gi3_28552136_x1.....ucgauuccggcggcgggU.....1
G1a_6016120_x1.....uucgauucccgggcgggGgc.....1

Gi1a_6098600_x1.....gguucgauucccgccAcc..... 1
 Gi4_567782_x1.....Gucaccaacagauccggguucg..... 1
 Gi5_9045931_x1.....gguucucaccaacagCuccgg..... 1
 Gi3_28555814_x1.....uucgauucUcggcgccggagc..... 1
 Gi2_11228306_x1.....ucAauucccgccggag..... 1
 Gi3_28528581_x1.....cAauucccgccggagc..... 1
 Gi1a_6100600_x1.....gguucgauuccAgcgccgg..... 1
 Gi3_28672440_x1.....gguucucaccaacagauccggAu..... 1
 Gi1_4186097_x1.....agaucggguucgaCuccc..... 1
 Gi2_11403411_x1.....cucaccaacUgauccgg..... 1
 Gi2_11070767_x1.....gguucuAaccaacagauccg..... 1
 Gi5_9129558_x1.....gguucgaGucccgccggagc..... 1
 Gi2_11197936_x1.....ugguucucaccaacagauUc..... 1
 Gi1a_6084214_x1.....gguucgauucccgccgUcggag..... 1
 Gi5_9086464_x1.....Aguucgauucccgccggagcgu..... 1
 Gi5_9045519_x1.....aacagauccggGucgauucccgccggagc..... 1
 Gi3_28272130_x1.....gGguaguauaacggcuaga..... 1
 Gi2_11089352_x1.....Cauuccggcgccggagc..... 1
 Gi3_28857693_x1.....Agguucucaccaacagauccg..... 1
 Gi5_9019155_x1.....uucgauucccgccggcA..... 1
 Gi1_4192941_x1.....Aaacagauccggguucgauuccggc..... 1
 Gi1a_6174368_x1.....uccggcguaguauaacggGuag..... 1
 Gi3_28391790_x1.....Uguucgauucccgccggagcguu..... 1
 Gi5_8843860_x1.....ccggcguagCauaacggcuag..... 1
 Gi1_4353672_x1.....agauAacggguucgauuccc..... 1
 Gi2_11258655_x1.....uccgAcguaguauaacggcuagaau..... 1
 Gi2_11320069_x1.....gcguaguauaacggcuGgaa..... 1
 Gi3_28732959_x1.....uccggcUuaguauaacggcuagaa..... 1
 Gi5_9138450_x1.....ucucaccaacagGuccgg..... 1
 Gi5_8886018_x1.....Ucggcguaguauaacggcu..... 1
 Gi3_28702503_x1.....guucucaccaacagauccgggA..... 1
 Gi2_11120609_x1.....ucgauuccAggcgccggag..... 1
 Gi2_10994031_x1.....gguucgauucccgccgcAgg..... 1
 Gi3_28837471_x1.....gauCcccgccggagc..... 1
 Gi2_11014586_x1.....uccggcguauauaacggcuag..... 1
 Gi2_11131159_x1.....aguucUcguaguauaacggcuaga..... 1
 Gi3_28579118_x1.....ucgauuccAgcgccggagc..... 1
 Gi2_11287223_x1.....uccgUcguaguauaacggcuagaau..... 1
 Gi3_28727938_x1.....uCgguucucaccaacagaucc..... 1
 Gi1_4195531_x1.....uccggcguaguauaacggcuUa..... 1
 Gi2_11294532_x1.....uucgauucccgAcgccgga..... 1
 Gi3_28922194_x1.....guucucUccaacagauccg..... 1
 Gi2_11340649_x1.....uucucaccaacGgauccgg..... 1
 Gi2_11327666_x1.....gguucucaccaacagaucc..... 0
 Gi2_11390964_x1.....aacagauccggguucgGuuccggcgccg..... 1
 Gi2_11092858_x1.....guucgauucccgUccgga..... 1
 Gi1_4359562_x1.....caCcagauccggguucgauuccggc..... 1

Gi3_28799960_x1.....uugguucucacccaaUagaucc.....1
G1a_6310241_x1.....Cuucgauucccggcgcg.....1
Gi2_11357110_x1.....uucgGuucccggcgcg.....1
Gi5_8983424_x1.....ggcguaguauaacggcGag.....1
Gi1_4175261_x1.....gguucgauucccggcgcgAag.....1
Gi5_8851360_x1.....ugguucucacccaacagauAcgggu.....1
Gi3_28425771_x1.....uccggcguaguauUcggcu.....1
Gi3_28813720_x1.....uggAucucacccaacagauccg.....1
Gi1_4203577_x1.....ucucaccUaacagauccgg.....1
Gi3_28570107_x1.....ccggcguaguauaaAggcuaga.....1
Gi5_8910947_x1.....uccggcGaguauaacggcua.....1
Gi2_11119670_x1.....uCcgauucccggcgcgagc.....1
Gi1_4354408_x1.....ucucacccaacagauccgA.....1
G1a_6274430_x1.....gguucgCuucccggcgcgagc.....1
Gi1_4221935_x1.....ggcguaguauCacggcua.....1
Gi5_9006296_x1.....uccggcguaguauaacggcuagaauaggA.....1
Gi1_4230010_x1.....ccggcguaguUuaaacggcuaga.....1
Gi1_4336294_x1.....gguuAgauucccggcgcgag.....1
Gi3_28360332_x1.....ugguucucacccaacagauccGg.....1
Gi2_11354537_x1.....ucgauuccAggcgcgagc.....1
Gi2_11267696_x1.....cggcguaguauCacggcua.....1
Gi3_28943427_x1.....caacagauUggguucgauucc.....1
Gi5_8933169_x1.....caccGacagauccggguucga.....1
Gi5_9070817_x1.....ggcguauuuaacggcuaga.....1
Gi5_8922531_x1.....guucucacccaacagauccGg.....1
Gi2_11123658_x1.....uccggcguCguauaacgg.....1
Gi3_28878569_x1.....gguucucacccaacagGuccgg.....1
Gi1_4364784_x1.....ucucacUaacagauccg.....1
Gi3_28960986_x1.....ucgauucAcggcgcgagc.....1
Gi2_11045545_x1.....Ucguaguauaacggcuaga.....1
Gi3_28584662_x1.....gauuccAggcgcgagc.....1
Gi3_28630962_x1.....Nuucgauucccggcgcg.....1
Gi3_28774530_x1.....uccgAguucgauucccggcgcgga.....1
Gi4_569927_x1.....gguucgauucccggcgcgagcA.....1
Gi5_9137971_x1.....uccggcguCuauaacggcuagaau.....1
Gi1_4250698_x1.....cagauccggguucgauucccggcGAc.....1
Gi1_4255742_x1.....ggcguaguauaacAgcuag.....1
Gi3_28872324_x1.....ucUggguucgauucccggcgcgga.....1
Gi1_4380110_x1.....ccggcguauuuaacggcu.....1
Gi2_11132369_x1.....gauucUcggcgcgagc.....1
Gi2_11037583_x1.....Ggaaugguugguucucacc.....1
Gi5_9025860_x1.....ugguucAcacccaacagauccgggu.....1
Gi3_28409719_x1.....uccggcCuaguauaacggcuag.....1
G1a_6289377_x1.....gguucgauucccggcgcgGg.....1
Gi3_28332252_x1.....aCaucggguucgauucccggcgcgag.....1
Gi2_10996113_x1.....gguucucacccaacagauUcg.....1
Gi2_11248111_x1.....gguuGucacccaacagauccg.....1

Gi3_28474226_x1.....gcguGguauaacggcuagaa..... 1
Gi3_28521686_x1.....uggNucucacccaacagauccg..... 1
Gi1_4218397_x1.....uccggguucgauGcccggcgccgga..... 1
Gi2_11393693_x1.....guucucacccaacaUauccg..... 1
Gi3_28277343_x1.....uucucUcccaacagauccggguu..... 1
Gi3_28628149_x1.....gUuucgauucccgcgccggagcg..... 1
Gi4_608816_x1.....uccggcguaguauaacggcuagU..... 1
Gi5_9003046_x1.....guucgauucccgcgccUga..... 1
Gi3_28608683_x1.....Cgguucgauucccgcgccg..... 1
Gi3_28614583_x1.....uccggcguaguauaCcgguagaa..... 1
Gi5_9095721_x1.....gguucucacccaacagGuc..... 1
Gi3_28811057_x1.....uccggcguauauaacggcuagaa..... 1
Gi5_8834311_x1.....guucgauucccgcgccggagU..... 1
Gi5_8872085_x1.....gguucgauucccgUcgccggag..... 1
Gi5_8837028_x1.....ccggcguaguauaacggUua..... 1
Gi5_8954286_x1.....gauucccgcgccggaUc..... 1
Gi2_11376939_x1.....ggNucgauucccgcgccgga..... 1
Gi5_9011958_x1.....aacagauccggguucgauucccgcgccg..... 0
Gi3_28752902_x1.....uugguucucacccGacagaucc..... 1
Gi2_11054287_x1.....gguucgauucccgUcgccg..... 1
Gi5_9103621_x1.....uucucacccaacagauccggguCc..... 1
Gi1_4360748_x1.....uccggcguaguaAaacgg..... 1
Gi5_9075210_x1.....ucacccaacagauccggguC..... 1
Gi2_11121269_x1.....cguaguauaacggcuagaaugguugguuc..... 0
Gi1_4326623_x1.....guucgauAcccgcgccg..... 1
Gi3_28309903_x1.....gAucucacccaacagauccg..... 1
Gi3_28881903_x1.....Cccggguucgauucccgcgccg..... 1
Gi3_28987564_x1.....gguucgauGcccggcgcc..... 1
Gi2_11241331_x1.....auuccggcgccggagcC..... 1
Gi1_4241313_x1.....cCgauccggguucgauucccgcgcc..... 1
Gi5_9110281_x1.....uucNcacccaacagauccg..... 1
Gi2_10995462_x1.....uccggcgGaguauaacggcuag..... 1
Gi3_28855045_x1.....uccggcguaguauaacUgc..... 1
Gi5_8957435_x1.....guucgauuccGggcgccg..... 1
Gi1_4190703_x1.....agaucggguucgauuAcc..... 1
Gi3_28766511_x1.....ccggcguaguCuaacggc..... 1
Gi5_9107136_x1.....ucAgggguucgauucccgcgccg..... 1
Gi2_11282668_x1.....uccgggAucgauucccgcgccgga..... 1
Gi1_4380634_x1.....uucNcacccaacagauccg..... 1
Gi5_8893944_x1.....uccggGguaguauaacggc..... 1
Gi3_28770490_x1.....guucgauucccgcgccGggag..... 1
Gi3_28963819_x1.....gcguaguauaacAgcuagaa..... 1
Gi5_9010274_x1.....uccggcguaguauaacggcuAaa..... 1
Gi2_11317020_x1.....uccggcguaguauaacggcuagaauggu..... 0
Gi1_4186633_x1.....uGacccaacagauccgggu..... 1
Gi3_28593556_x1.....auccAgguucgauucccgcgccgga..... 1
Gi1_4260476_x1.....Gcggcguaguauaacggc..... 1

Gi5_8870938_x1.....ggCucucacccaacagauc..... 1
Gi4_595660_x1.....cucacccaacagauccggguucA..... 1
Gi1_4358284_x1.....uccggcguaguauaacggcuagaGu.....gguuAgauuuccggcgccg..... 1
G1a_6195412_x1.....uccggcguaguauaacggcuagaGu..... 1
Gi1_4227510_x1.....guucucacccaagagauccgg..... 1
Gi1_4358148_x1.....Auccggcguaguauaacggc..... 1
Gi3_28767597_x1.....gauucccgUcgggagc..... 1
Gi5_8885001_x1.....Uuucgauuccggcgccggagcguu..... 1
Gi1_4360278_x1.....uccggcguUguauaacggc..... 1
Gi2_11267262_x1.....Accggcguaguauaacgg..... 1
Gi5_8946289_x1.....uGacccaacagauccggguu..... 1
Gi3_28435059_x1.....ugguucucacccaGcagauc..... 1
Gi3_28765865_x1.....gauucccgUcgccggagc..... 1
Gi1_4375213_x1.....guucgauuccggcgccggagcg..... 0
Gi1_4274575_x1.....ccggcguagAuaaacggcua..... 1
Gi3_28987095_x1.....cccaacagauccggguucgaCuccc..... 1
Gi3_28939063_x1.....guucucacccaUagauccg..... 1
Gi5_9102312_x1.....Cucucacccaacagauccggguu..... 1
Gi5_9000985_x1.....Cgcguaguauaacggcuaga..... 1
Gi5_8904536_x1.....ugguucucacccaacagCuccg..... 1
Gi3_28391138_x1.....uccggcguaguaAaacggcuag..... 1
Gi4_571028_x1.....uccggcguaguauaacAgcuaga..... 1
Gi1_4321648_x1.....cacccaacagauccggguucgCuuccc..... 1
Gi3_28659909_x1.....uucgauucNcggcgccg..... 1
Gi2_11001856_x1.....guucGcacccaacagauccg..... 1
Gi2_11172189_x1.....aguccAgcguaguauaacggcuaga..... 1
Gi3_28742472_x1.....gauuccGggcgccggagc..... 1
Gi3_28520573_x1.....Cuccggcguaguauaacggcuaga..... 1
Gi5_9118019_x1.....uccggguucgauucccgGA..... 1
Gi1_4167359_x1.....gUguucgauuccggcgccg..... 1
Gi5_8946318_x1.....Cccggcguaguauaacggcuagaaug..... 1
Gi3_28944552_x1.....Aucgauuccggcgccgga..... 1
Gi3_28782911_x1.....ggguucgGuuccggcgccggag..... 1
Gi5_9120741_x1.....gguNcgauuccggcgcc..... 1
Gi5_8944125_x1.....ggguucgauuccggcgGA..... 1
Gi3_28533199_x1.....uccggcguaguauaacgUc..... 1
Gi3_28783069_x1.....ucgauuccggcUccggagc..... 1
Gi1_4179217_x1.....agauccggguCcgauuccc..... 1
Gi1_4162336_x1.....uccggguucgauuccggcgccg..... 0
Gi2_11110040_x1.....guucgauuccggGgccg..... 1
Gi5_9103469_x1.....aCauccggguucgauuccc..... 1
G1a_6053965_x1.....gguucgGuuccggcgccg..... 1
Gi1_4201748_x1.....uucgauuccggcgccggagcA..... 1
Gi2_11107469_x1.....agaauAguugguucucacc..... 1
Gi2_11261799_x1.....gguucgauuAccggcgccggag..... 1
Gi2_11338905_x1.....gguucgauuccggcgccGg..... 1
Gi2_11386236_x1.....agaNccggguucgauucc..... 1

Gi4_569785_x1 cCcaccaacagauccggguucg 1
 Gi2_11299578_x1 cgcgcuagNauaacggcuagaau 1
 Gi1_4339676_x1 ugguuAucaccaacagauccg 1
 Gi5_8896035_x1 uucucaccaacagauAggguu 1
 Gi2_11007588_x1 guucgaGucccggcgccggag 1
 Gi4_596994_x1 uugguucucacAcaacaga 1
 Gi3_28943001_x1 auccggguucgauuccggcAccgga 1
 Gi1_4355106_x1 gCuucgauuccggcgccggag 1
 Gi3_28917137_x1 ucgauucGcggcgccggagc 1
 Gi1_4284310_x1 uucucaccaacagauCg 1
 Gi4_608663_x1 gguucgauuccggcgccgA 1
 Gi1_4181418_x1 uccggcguaguauaacggcCagaau 1
 Gi2_11095148_x1 ggcguaguauaacggcuagaau 0
 Gi4_594121_x1 gguucgaCucccggcgccggagc 1
 Gi2_11001708_x1 gAucucaccaacagauccg 1
 Gi3_28725190_x1 guucgauGccggcgccg 1
 Gi2_11397611_x1 ccUgcguaguauaacggcua 1
 Gl1_6340938_x1 gguCcgauuccggcgccggagc 1
 Gi3_28724358_x1 cccccGacagauccggguuc 1
 Gi3_28440000_x1 ugguucucaccaacagauUcg 1
 Gi2_11321425_x1 agauccggguucUauucc 1
 Gl1_6080800_x1 uccggcguaguGuaacggcua 1
 Gi5_8940077_x1 uucgauuccggcgccgga 0
 Gi5_8915072_x1 uucucaccaacagauUcg 1
 Gi5_8970598_x1 uugguucGcaccaacagauccg 1
 Gi1_4330992_x1 guucgaGucccggcgccg 1
 Gi5_9052472_x1 ugguucucCcccaacagauccg 1
 Gi1_4302283_x1 guucucaccaacagauCagg 1
 Gi5_9128802_x1 gguucgauucccgCcgccgga 1
 Gi1_4390598_x1 guucgauGcccggcgccgg 1
 Gi2_11155780_x1 guucucaccaacagCuccgg 1
 Gi1_4312727_x1 gguucucaccUaacagauccgg 1
 Gi2_11144500_x1 guucgauucccgGgccggag 1
 Gi5_8874790_x1 uccggcguaguauaacggcuagaU 1
 Gi3_28878353_x1 uccNgcguaguauaacgg 1
 Gi1_4258694_x1 ugguucucaccaacagUuccg 1
 Gi4_593486_x1 Cguucgauuccggcgccgg 1
 Gi2_11053014_x1 ugguucucaccaacagGucc 1
 Gi5_8892016_x1 ugguuucGaccaacagauccg 1
 Gi3_28494870_x1 gguucgauuccggcgccggGgc 1
 Gi5_8988260_x1 ucacccaaNagauccggguu 1
 Gl1_6239732_x1 gguucgauuccggcgccUgagc 1
 Gi1_4267734_x1 auccgAguucgauuccggcgccgg 1
 Gi3_28362273_x1 cucaGccaacagauccgg 1
 Gi1_4165615_x1 ugguucucaccaacagauAccg 1
 Gi2_11119338_x1 guucucaccaacaCauccgg 1
 Gi5_8899033_x1 uccggguuNgauuccggc 1

G1a_6055536_x1.....gguucgauucccgAcgcc..... 1
 Gi1_4249870_x1.....guugguucucacccaacagauccggG..... 1
 Gi1_4205593_x1.....guucucaAccaacagauccg..... 1
 Gi5_8931323_x1.....aguccggcguaguauaacggcuagaaugA..... 1
 Gi5_8942041_x1.....acagGuccggguucgauucccggcg..... 1
 Gi2_11029933_x1.....ugguucucacccaacagauGcg..... 1
 Gi5_9124004_x1.....Gguccggcguaguauaacggcu..... 1
 G1a_6213932_x1.....uccggcguaguauCcgg..... 1
 G1a_6004225_x1.....guucucacccaacagaCccg..... 1
 Gi3_28790025_x1.....ucucacUcaacagauccg..... 1
 Gi3_28963190_x1.....cucacccaacGgauccgg..... 1
 Gi1_4253110_x1.....guucAauucccggcgcccggagc..... 1
 Gi5_9062050_x1.....gguucgauucUcggcgcccggagcgu..... 1
 Gi2_11207120_x1.....guucucCcccaacagauccg..... 1
 Gi2_11266359_x1.....cgauuccggcgcccggagcCu..... 1
 Gi1_4231263_x1.....uuNucacccaacagauccg..... 1
 G1a_6103745_x1.....guGcucacccaacagauccg..... 1
 Gi1_4341708_x1.....gguucgauucccggcgcccggagcG..... 1
 G1a_6007522_x1.....uccggcguaguauaaUggcuaga..... 1
 Gi5_8975325_x1.....uugguucucacUcaacagauccg..... 1
 Gi5_9066493_x1.....guucgauucccggcgcccGua..... 1
 Gi3_28688159_x1.....cAauuccggcgcccggag..... 1
 Gi2_11394664_x1.....gguucgauuccGggcgccc..... 1
 G1a_6083325_x1.....gguucgauucccgAgccgg..... 1
 Gi5_8908734_x1.....guuGucacccaacagauccgg..... 1
 Gi3_28633437_x1.....cggcguaguauaacggUuaga..... 1
 Gi5_9120986_x1.....ugguucucaccAaacagauccgg..... 1
 Gi5_9068649_x1.....gguucgauucGcggcgcccggagc..... 1
 Gi5_9104674_x1.....guucgauucccgCcgcccga..... 1
 Gi3_28585848_x1.....Uuccggguucgauucccggcgcccga..... 1
 Gi1_4346213_x1.....guucgaAucccggcgccc..... 1
 Gi3_28714124_x1.....caccacagauccgAguuc..... 1
 Gi1_4246433_x1.....uccggcguaguauCcggcu..... 1
 Gi2_11077411_x1.....cAcacccaacagauccgg..... 1
 G1a_6322424_x1.....ucgauucccggcgcccggagcCu..... 1
 Gi3_28860126_x1.....cccaacagauccggguucgauGcc..... 1
 Gi2_11056875_x1.....gguucucacccaacaAauccg..... 1
 Gi5_8938031_x1.....uucucGcccaacagauccggguu..... 1
 Gi3_28621467_x1.....uccggcgAaguauaacggc..... 1
 Gi2_11395681_x1.....uccggcguaUuauaacggc..... 1
 Gi3_28906139_x1.....ucucacccaacagGuccgg..... 1
 Gi1_4218549_x1.....ugguucucacccaacagauccggguucgauuc..... 0
 Gi5_9052659_x1.....gguucucaNccaacagauccgg..... 1
 Gi3_28935120_x1.....guUcggcguaguauaacggcuaga..... 1
 G1a_6117902_x1.....uccggcguaguauCacggcuag..... 1
 Gi5_8965853_x1.....ugguucucacccaacagCuccgggu..... 1
 Gi3_28954306_x1.....ucgauucUcggcgcccggag..... 1

Gi5_9048020_x1.....gguucgauucccgUcgccggagc..... 1
G1a_6308753_x1.....gguucgauuNccggcgccggagc..... 1
Gi2_11276217_x1.....uccggcguaguauaacggcuagaauggGu..... 1
Gi3_28348367_x1.....gguucgaAuuccggcgcc..... 1
Gi2_11026771_x1.....gcguaguauaacggcuaga..... 0
Gi1_4217767_x1.....ggcguaguauaacggcuagU..... 1
G1a_6219977_x1.....ucAgggcguaguauaacggcuaga..... 1
G1a_6262994_x1.....gguAcgauucccgcgccggag..... 1
Gi5_9115682_x1.....gguucuGacccaacagauccgg..... 1
Gi1_4283760_x1.....ugguucuAacccaacagauccg..... 1
Gi3_28465680_x1.....ccggcguGguauaacggcuaga..... 1
Gi5_8915832_x1.....cccaacagauccggguAc..... 1
Gi3_28582896_x1.....Ucggcguaguauaacggcuagaa..... 1
Gi2_11358202_x1.....uccggcguaguauaacCgc..... 1
Gi5_8956571_x1.....gguucgauuccUggcgccggagc..... 1
Gi5_9064949_x1.....uccUgcuaguauaacggc..... 1
Gi3_28922062_x1.....Auucucacccaacagauccggg..... 1
Gi1_4217158_x1.....cucacccaacagauccggguucAa..... 1
Gi2_11093458_x1.....gguucGcacccaacagauccgg..... 1
G1a_6031264_x1.....gguucgauucccgcgccAggagc..... 1
Gi3_28700299_x1.....uccggcguaguauaacgUcuag..... 1
Gi5_9089275_x1.....ggcguGguauaacggcuaga..... 1
Gi2_11368469_x1.....gguucucaccAaacagauccg..... 1
Gi5_9101242_x1.....uccggguucgauuccUggc..... 1
Gi5_9092859_x1.....uccggcguaguauaacgCcu..... 1
Gi2_11043616_x1.....gguucgUuucccgcgccgga..... 1
Gi5_9056090_x1.....aacagauccgggCucgauucccgcgccggagc..... 1
Gi1_4261801_x1.....gguucgauucccgAgccggagc..... 1
Gi5_8846646_x1.....aguccggcNuaguauaacggcuagaaugg..... 1
Gi3_28613963_x1.....gguucucacGcaacagauccgg..... 1
Gi3_28412858_x1.....cgauucccgcgccggagcU..... 1
Gi2_11064202_x1.....uccggcguaguauaacgCcuaga..... 1
Gi3_28577856_x1.....ggNucucacccaacagauccg..... 1
Gi3_28643184_x1.....uucgauucccgcgccAggagc..... 1
Gi3_28328912_x1.....ccggcguaguauaaUggcuag..... 1
Gi3_28287707_x1.....gguucucacAaacagaucc..... 1
Gi5_8887714_x1.....uccggcguaguauaacUg..... 1
Gi2_11405600_x1.....cgguucgauucccgcgccggU..... 1
Gi1_4205325_x1.....ccgAcguaguauaacggcuaga..... 1
Gi5_9107706_x1.....gguucgauuccGggcgccgga..... 1
Gi4_581032_x1.....gCuucgauucccgcgccggagc..... 1
Gi5_8977529_x1.....gguucgauuUccggcgcc..... 1
Gi2_11024176_x1.....ggguucgauucccgUgcc..... 1
Gi3_28548837_x1.....cgggCucgauucccgcgccgga..... 1
Gi2_11100601_x1.....ucgauuccggcUccggag..... 1
Gi5_9122369_x1.....ucacccaacagauccgGguu..... 1
Gi5_8949533_x1.....uggGucucacccaacagauccg..... 1

Gi2_11278841_x1.....gguGcgauuccggcgccggag..... 1
G1a_6115971_x1.....Auucgauuccggcgccgga..... 1
Gi3_28418844_x1.....uucucacccaacagauccgAguuc..... 1
Gi2_11294997_x1.....gguucucacccaacagauccgggu..... 0
Gi2_11116921_x1.....uccggcguaguauaacUgcuag..... 1
Gi3_28846220_x1.....ggguucgaNuccggcgccggagc..... 1
Gi3_28855230_x1.....guucucacccaacUgauccgg..... 1
Gi3_28607525_x1.....ggguucgauuccggcgAcggagc..... 1
Gi3_28446037_x1.....cccaacagGuccggguucgauucc..... 1
Gi5_8965383_x1.....gguucgauuccUgcgcc..... 1
Gi2_11001660_x1.....ugguucucacccUacagauccg..... 1
Gi5_8979466_x1.....guaguauaacgAcuagaau..... 1
Gi5_8866573_x1.....ugguucAcacccaacagauccg..... 1
Gi2_11006973_x1.....ugguAcucacccaacagauccg..... 1
Gi5_9111430_x1.....cggcguaguauCacggcuaga..... 1
Gi1_4292922_x1.....uucucacccUacagauccg..... 1
Gi3_28344517_x1.....caccaacUgauccggguuc..... 1
G1a_6047473_x1.....gguucgauuccggcgccgCagc..... 1
Gi5_9021916_x1.....guucucCcccaacagauccg..... 1
Gi3_28461352_x1.....ggcguaguauCacggcua..... 1
Gi5_8862734_x1.....gguucgauuccggcgccAgag..... 1
Gi2_11159583_x1.....uccggcguaguauaacgCc..... 1
Gi3_28979015_x1.....Gucgauuccggcgccggag..... 1
Gi2_11051947_x1.....cccaacaUauccggguuc..... 1
Gi1_4202196_x1.....cgauuccggcgccggag..... 0
G1a_6287206_x1.....uucucacccaacagauUg..... 1
Gi3_28965147_x1.....Agguucucacccaacagauc..... 1
Gi1_4199363_x1.....gguucucacccaacUgauccg..... 1
Gi2_11090701_x1.....uucucacccaacagaGccggguucg..... 1
Gi3_28755984_x1.....cucacccaacagauAgg..... 1
Gi3_28935762_x1.....uccggcguaguauaacggcuagaugguugc..... 1
Gi4_571218_x1.....gguucgauuccggcgccA..... 1
Gi1_4250444_x1.....ccggcguaguauaacggcua..... 1
Gi3_28503864_x1.....ugguucucacccaCagauc..... 1
Gi5_8946116_x1.....uucucacccaacagaCccg..... 1
Gi5_9040313_x1.....ucucacccaCagauccg..... 1
Gi2_11084435_x1.....ucAggcguaguauaacggcua..... 1
Gi1_4228821_x1.....cGcaccacagauccggguucgauucc..... 1
Gi3_28812310_x1.....gguucucacccaacagauGg..... 1
Gi1_4292558_x1.....guucucacccaacUgauccgg..... 1
Gi5_9026887_x1.....ucucacccaacagauccU..... 1
Gi2_11319370_x1.....ucgGuuccggcgccggag..... 1
Gi3_28419247_x1.....ucacccaacagauccggguU..... 1
Gi5_9064515_x1.....Aucucacccaacagauccggguu..... 1
Gi1_4362114_x1.....ucucacccUacagauccg..... 1
Gi3_28527212_x1.....gguucCauuccggcgcc..... 1
Gi3_28309427_x1.....guuAucacccaacagauccg..... 1

Gi5_8857640_x1.....gguucgUuuccggcgccggag..... 1
 Gi5_8960439_x1.....Ggucggcgaguauaacggcuagaaugg..... 1
 Gi5_8902752_x1.....uccggcgaguauaaUggcuagaauggu..... 1
 Gi3_28554081_x1.....gguucgGuuccggcgccg..... 1
 Gi5_8855737_x1.....gguucucaccaacagUuccgg..... 1
 Gi2_11361890_x1.....cggguucgauuccggcgUcggg..... 1
 Gi1_4310529_x1.....uccggcgAaguauaacggcuagaa..... 1
 Gi1_4216481_x1.....uNcggcgaguauaacgg..... 1
 Gi2_11022829_x1.....cccaCcagauccggguuc..... 1
 Gi2_11394100_x1.....cggcgaguauaacggcuaAaau..... 1
 Gi3_28811273_x1.....gguucCauuccggcgccggag..... 1
 Gi5_8968586_x1.....gguucgauGcccggcgccgg..... 1
 Gi2_11280951_x1.....aguccggcgaguauaGcgg..... 1
 Gi5_8862355_x1.....gguucucaccaacaAauccgg..... 1
 Gi5_9000461_x1.....ggUguaguauaacggcuaga..... 1
 Gi1_4372665_x1.....ggcgaguauaacggcCag..... 1
 Gi2_11373735_x1.....Acgauuccggcgccggag..... 1
 Gi2_11407350_x1.....ucgauuccCgcgccggagc..... 1
 Gi1_4334308_x1.....ccggcguCguauaacggc..... 1
 Gi2_11303602_x1.....gguucgauuccggcgccggagcguuu..... 0
 Gi2_11122381_x1.....uucgauuccggUgccggag..... 1
 Gl1_5985246_x1.....uccggcgaguGuaacggcuagaa..... 1
 Gi1_4236171_x1.....aAauccggguucgauucc..... 1
 Gi2_11273164_x1.....uucgauuccggcgccgC..... 1
 Gi2_11138565_x1.....uccAgcgaguauaacggcuagaa..... 1
 Gi1_4231488_x1.....gguucucaccaacagauUcg..... 1
 Gi3_28827725_x1.....uccggguucgauAccggcgccgga..... 1
 Gi5_8840045_x1.....ucgauuccggcgccgAa..... 1
 Gi5_8924373_x1.....Gccggcgaguauaacggcuagaaug..... 1
 Gi2_11237360_x1.....gguucgauGccggcgccggag..... 1
 Gi3_28524515_x1.....uccggguucUauuccggcgccgga..... 1
 Gi5_8955198_x1.....gguuAucaccaacagauccg..... 1
 Gi5_8994404_x1.....Cuucgauuccggcgccggag..... 1
 Gi1_4308261_x1.....gguucgauuccAgcggc..... 1
 Gi3_28652401_x1.....ucgauuccggcgccggagA..... 1
 Gi2_11388762_x1.....gguucucaccaacGguc..... 1
 Gi5_8957344_x1.....uucucaAccaacagauccgg..... 1
 Gi1_4349058_x1.....gguucgGuuccggcgccggag..... 1
 Gi5_8862066_x1.....uGgauuccggcgccgga..... 1
 Gi5_9084990_x1.....gguucgauuccggcgccgCagc..... 1
 Gi5_8947288_x1.....gguucgaAuccggcgccggagc..... 1
 Gi2_11218230_x1.....gguucgauuccggAgccgg..... 1
 Gi2_11395804_x1.....uccggcgaguauaaAgggcuagaa..... 1
 Gi1_4159395_x1.....guuNgauuccggcgccggagc..... 1
 Gi1_4364503_x1.....uccNgcgaguauaacggcuag..... 1
 Gi3_28459091_x1.....uucgGuuccggcgccgga..... 1
 Gi1_4217748_x1.....cucaccaAagaucgg..... 1

Gi4_572129_x1gguuAgauucccgcgccggagc..... 1
Gi1_4248954_x1.....ucacccUacagauccgggu..... 1
Gi2_11326604_x1.....Nguucgauucccgcgccg..... 1
Gi2_11108052_x1.....uucucacccaacagauccgggCucg..... 1
Gi5_8871802_x1.....cucacccaacagaucAgg..... 1
Gi3_28297674_x1.....guNcgauucccgcgccgg..... 1
Gi5_8857495_x1.....ucunacccaacagauccg..... 1
Gi3_28549937_x1.....cggcguaguauaacggcuCga..... 1
Gi5_9003694_x1.....uucucacccGacagauccgg..... 1
Gi3_28394896_x1.....uucgauuccUgcgccgga..... 1
Gi5_9072967_x1.....gguucucGcccaacagauccgg..... 1
Gi5_9009059_x1.....ccggcguaguauaacggcuagC..... 1
Gi5_8992512_x1.....gguucgauuccGggcgccgga..... 1
Gi5_9072601_x1.....uccggcguaguauaacggcuagaauaggCu..... 1
Gi3_28607845_x1.....cggNuucgauucccgcgccgga..... 1
Gi2_11055791_x1.....gUucgauucccgcgccggagcguuu..... 1
Gi5_9114652_x1.....uccggcguUguauaacgg..... 1
Gi1_4380831_x1.....guucCauucccgcgccgga..... 1
Gi2_11362498_x1.....gguucgauuccUgcgccg..... 1
Gi5_8917411_x1.....guucucacccaaGagauccgg..... 1
Gi5_9051740_x1.....uucgauucccgUgcg..... 1
Gi3_28759482_x1.....uccggcguaguauaacggUu..... 1
Gi3_28968230_x1.....ucacccaacCgauccggguuc..... 1
Gi5_8952807_x1.....uucgauCcccgcgccg..... 1
Gi3_28346108_x1.....ucCacccaacagauccg..... 1
Gi2_11366978_x1.....ucgauAcccgcgccgagc..... 1
Gi4_606396_x1.....guucgaGuucccgcgccg..... 1
Gi5_8956080_x1.....gguucgauucccgCccgga..... 1
Gi1_4269937_x1.....ggcguaguNuaacggcua..... 1
Gi2_11037431_x1.....agauccggguucgCuuccc..... 1
Gi3_28269762_x1.....cacccaacagauccgggGuc..... 1
Gi5_9053379_x1.....guucucacccaacagaucNg..... 1
Gi3_28361222_x1.....Ugauccggguucgauucccgcgccggag..... 1
Gi2_11004858_x1.....uccggcAuaguauaacggcuagaa..... 1
Gi4_592725_x1.....guucgauucGcggcgccggagc..... 1
Gi3_28759380_x1.....Ggguucucacccaacagauccgg..... 1
Gi2_11025721_x1.....guucucacccaCcagauccgg..... 1
Gi2_11133986_x1.....cggguucgauuccAgcgccgga..... 1
Gi5_9131644_x1.....aguccggcguaguauaacggcu..... 1
Gi3_28764665_x1.....gguucucGcccaacagauccgggu..... 1
Gi3_28327543_x1.....guucucacccaacagaucUgg..... 1
Gi5_9038982_x1.....guaguauaacgCcuagaau..... 1
Gi1_6175626_x1.....uccggcguaguauaacggcuagCa..... 1
Gi2_11085936_x1.....ccggGguaguauaacggcua..... 1
Gi3_28782586_x1.....guucgaAuuccggcgccggag..... 1
Gi3_28662191_x1.....acagauccggguucgauucccgUcgccg..... 1
Gi2_11050879_x1.....uucucacccaGcagauccggguucg..... 1

Gi5_9003495_x1.....guucucaccaacaCauccg..... 1
Gi2_10996523_x1.....gguucgauucccCgcgccg..... 1
Gi3_28632715_x1.....cucaccaacagauccggCu..... 1
Gi4_594417_x1.....cucaccaacagauccggguUg..... 1
Gi3_28912503_x1.....gauuccggcgccggaAc..... 1
Gi2_11263507_x1.....gguucUauuccggcgccg..... 1
Gi2_11007780_x1.....uccggcUuaguauaacggc..... 1
Gi3_28599412_x1.....gguucucacAcaacagauccgg..... 1
Gi3_28424382_x1.....uugguucucaccaacaga..... 0
Gi2_11054248_x1.....ccggcguaNuauaacggcua..... 1
G1a_6017759_x1.....Gccggcguaguauaacggcuagaau..... 1
Gi1_4207462_x1.....uucgauuccggcgccggagcCu..... 1
Gi1_4199628_x1.....gguucgauuccggcgccCgagc..... 1
G1a_6327152_x1.....gguucgauuccUggcgccgga..... 1
Gi5_8879089_x1.....gguucucaccaCcagauccgg..... 1
Gi3_28970858_x1.....ucgauuccggcgUgga..... 1
Gi3_28507336_x1.....ucgauuccggcgAcgga..... 1
G1a_6186067_x1.....gguuAgauuccggcgccggagc..... 1
Gi5_8959505_x1.....gguucgauuccggcgGgga..... 1
Gi5_8892777_x1.....ucucaccaacagauAg..... 1
Gi1_4276289_x1.....ugguucucaccaacagCuccg..... 1
Gi5_8905453_x1.....uucucaccaacCgauccggguu..... 1
Gi1_4320148_x1.....Cgcuaguauaacggcua..... 1
Gi2_11060389_x1.....uucgauuccggcgGcgagc..... 1
Gi1_4213486_x1.....ugguucucUcccaacagauccgg..... 1
Gi4_582858_x1.....ggAucgauuccggcgccgg..... 1
G1a_6201526_x1.....gAuucgauuccggcgccggag..... 1
Gi5_8851114_x1.....ugguucucaccaacagauccggAu..... 1
Gi3_28325726_x1.....uccggcguaguCuaacggcuagaa..... 1
Gi5_8863732_x1.....gguucgauuccggcgccggagcguC..... 1
Gi2_11257600_x1.....uucucaccaacagGuccgg..... 1
Gi5_8952929_x1.....gguucucaccaacagauA..... 1
Gi3_28619795_x1.....cgguucgauuGccggcgccgga..... 1
Gi1_4278256_x1.....gguucgauuGccggcgccggagc..... 1
Gi5_9050163_x1.....uucuAaccaacagauccg..... 1
Gi3_28746704_x1.....aCauccggguucgauuccggcgccgg..... 1
G1a_6358700_x1.....uucucaccaacaCauccg..... 1
Gi5_8983010_x1.....aguccggcguaguauaacgAcuagaauagg..... 1
Gi3_28838892_x1.....auccgAguucgauuccggcgccgga..... 1
Gi5_9056287_x1.....Cugguucucaccaacagauccg..... 1
Gi3_28353381_x1.....uccggguucgauuccggcUccgga..... 1
Gi3_28450955_x1.....ggcgGaguauaacggcua..... 1
Gi5_8833470_x1.....acUgauccggguucgauuccggcg..... 1
Gi2_11403150_x1.....cgauuccggcgccggagcguuC..... 1
Gi4_592464_x1.....gguucgauuccggcgccgA..... 1
Gi3_28343661_x1.....uucgaCuccggcgccggag..... 1
Gi3_28815093_x1.....ucgauGccggcgccggag..... 1

Gi4_609748_x1gguucgauucccgcgccggagcCu..... 1
 Gi4_609235_x1Gcgauucccgcgccggagc..... 1
 Gi1_4222554_x1uccUgcguaguauaacggcuagaau..... 1
 Gi1_4203726_x1ccggcguaguauaacggcuagaU..... 1
 Gi5_8911690_x1caacagauccggguucgauucccgcgccgg..... 0
 Gl1a_6245004_x1uccggcguaguauaacggUuag..... 1
 Gi3_28582693_x1Uggguucgauucccgcgccggag..... 1
 Gi5_9019263_x1gguucgauucUcggcgccgga..... 1
 Gi2_11000793_x1uccggGguaguauaacggc..... 1
 Gi5_9063088_x1guucgauucccggcCccgga..... 1
 Gi2_11244713_x1ucgauucccgcgccAga..... 1
 Gi3_28787669_x1uccCgcguaguauaacggcua..... 1
 Gi5_9044436_x1ucucaccaacagauccggguu..... 0
 Gi1_4224178_x1gguucgauucccCgcgccgg..... 1
 Gi5_9020961_x1guucucaccaacagauGcgg..... 1
 Gi1_4332899_x1ugguucucaccaUcagauccg..... 1
 Gi5_8876818_x1cccaacagaucGggguuc..... 1
 Gi2_11244944_x1uccggcguaguauaacUgcua..... 1
 Gi5_9063159_x1gguucucaccaacagGuccggguu..... 1
 Gi3_28914915_x1cgguucgauucccggcAccgga..... 1
 Gi4_593467_x1uccggcguaguauaacggcuagaG..... 1
 Gl1a_6158177_x1gguucgauucccgcgcAgga..... 1
 Gi5_8918044_x1Gccggcguaguauaacggcuagaugguu..... 1
 Gi3_28311232_x1ccUgcguaguauaacggc..... 1
 Gi3_28712356_x1guucgauuccGggcgccggag..... 1
 Gi2_11321386_x1uccggcguaguaAaacggcua..... 1
 Gi5_8907434_x1ucucaccaCcagauccgg..... 1
 Gi3_28813952_x1ucgGuucccggcCccggag..... 1
 Gi3_28778243_x1cccaacagaucUggguucgauucc..... 1
 Gi3_28658183_x1cgguucgauucccgcgccggG..... 1
 Gi5_8981725_x1Gucgauucccgcgccggagc..... 1
 Gl1a_6279999_x1gguucgauucccAgcgccggagc..... 1
 Gi5_9052619_x1uucucaccAaacagauccgg..... 1
 Gi3_28946249_x1ugguucucaccccCacagauc..... 1
 Gi5_8878519_x1uucAcaccaacagauccggguu..... 1
 Gl1a_6208819_x1uccggcguCguauaacggcuag..... 1
 Gl1a_6114946_x1gguucgauucccgcgccgA..... 1
 Gi5_8884338_x1cggcguagCauaacggcuag..... 1
 Gl1a_6305575_x1guucgauucccgCcgccgg..... 1
 Gi3_28352573_x1Ggauucccgcgccggag..... 1
 Gi5_9130071_x1agauccggguCcgauucc..... 1
 Gi3_28268109_x1uccggcguaguaAaacggcua..... 1
 Gi2_11337343_x1gguucgauucGcggcgcc..... 1
 Gl1a_6271337_x1Gcccaacagauccggguucgauucc..... 1
 Gi3_28931829_x1caacagauccUggguucgauucc..... 1
 Gi2_11100384_x1uucucaGccaacagauccg..... 1
 Gi5_8905012_x1uccggcguaguauaacggcAaga..... 1

Gi3_28263266_x1.....ggcguaguauaCcggcua.....1
 Gi4_586628_x1.....cucaccaacagGuccggguucg.....1
 Gl1_6058608_x1.....ucucaccaacagauUg.....1
 Gi1_4195659_x1.....Uuccggguucgauucccggcgccgga.....1
 Gi2_11176502_x1.....uccUgcguaguauaacggcuaga.....1
 Gi5_9032219_x1.....uccggcguaguaGaacggc.....1
 Gi1_4264243_x1.....uccggguucgauuccAgcgccgga.....1
 Gi1_4214280_x1.....guucucaccaacagauccgA.....1
 Gi3_28817192_x1.....guAcucaccaacagauccg.....1
 Gi2_11261593_x1.....cagaucggguucgauucccggcgccgagc.....0
 Gi5_8855745_x1.....ugguucucaccaGcagauccgg.....1
 Gi2_11021814_x1.....uccggcguaguauaacggcuacaa.....1
 Gl1_6325166_x1.....ggAucgauucccggcgccgag.....1
 Gl1_6296102_x1.....gguAcgauucccggcgccgagc.....1
 Gi3_28974909_x1.....uucgauucccgAgccgagc.....1
 Gi2_11008204_x1.....Aucucaccaacagauccg.....1
 Gi2_11098079_x1.....ugguucucaccaacagauccgggu.....0
 Gi2_11288815_x1.....gguAcgauucccggcgcc.....1
 Gi5_8840844_x1.....uccggcguaguauUacggc.....1
 Gi5_9136247_x1.....uccggcguaguauaacAgcuagaugguu.....1
 Gi2_11033285_x1.....ugguucucaccaUagauccg.....1
 Gi1_4256718_x1.....guucucaccaacagUuccgg.....1
 Gi1_4205070_x1.....uccggcguaguauaGcggc.....1
 Gi3_28663955_x1.....caUcagauccggguucgauucccggcgccg.....1
 Gi2_11311669_x1.....gauucccggcgGggagc.....1
 Gi3_28557748_x1.....uccgcgGaguauaacggcuag.....1
 Gi5_9047439_x1.....ccggcguaguauaacggcuGgaa.....1
 Gi3_28377151_x1.....ugguucucaccAaacagauccg.....1
 Gi5_9051916_x1.....guNcgauucccggcgccgagc.....1
 Gi4_573755_x1.....uucgauucccggcgccg.....0
 Gi3_28772532_x1.....uccggcguaguauaUcggcuagaau.....1
 Gi3_28399980_x1.....guucgauuccCgcgccgag.....1
 Gi1_4256719_x1.....gguucucaccaGcagau.....1
 Gl1_6201313_x1.....uucgauucccggcgccgCgc.....1
 Gi3_28504071_x1.....guucucaccaacagUuccgg.....1
 Gi1_4372405_x1.....uccggcguaguauGacggcua.....1
 Gi1_4342867_x1.....cgauucccggcgccgagcU.....1
 Gi3_28644085_x1.....uucuUaccaacagauccgggu.....1
 Gi3_28905466_x1.....cucUcccaacagauccg.....1
 Gi5_8886401_x1.....cggcguaguauaacggcuagCau.....1
 Gi5_8975422_x1.....guucgaCucccggcgccgagcguu.....1
 Gl1_6123275_x1.....uccggcguaguauaGcggc.....1
 Gi5_8960424_x1.....gguucgauucAcggcgcc.....1
 Gi3_28500724_x1.....guucucaccaacagauccgA.....1
 Gi3_28545311_x1.....aacagauccggguucgauucccggcgUcgga.....1
 Gi3_28644478_x1.....Uuucucaccaacagauccggguucgau.....1
 Gi1_4371333_x1.....uucgauuccUggcgccgagc.....1

Gi1_4249968_x1.....gguucucacccaacagauccU..... 1
Gi2_11252299_x1.....aguccggcguUguauaacgg..... 1
Gi2_11233810_x1.....uNcggcguaguauaacggc..... 1
Gi5_8857946_x1.....ugguucucaUccaacagauccgg..... 1
Gi5_8858258_x1.....ggcgGaguauaacggcuag..... 1
Gi2_11041101_x1.....gguucgauucAcggcgccgga..... 1
Gi3_28391917_x1.....uccggcguaguauaaGggcua..... 1
Gi3_28552888_x1.....cucacccaacagauccGgg..... 1
Gi3_28318453_x1.....gguNcgauuccggcgccg..... 1
Gi3_28772100_x1.....ugguucucacccaaUagauccg..... 1
Gi5_9097868_x1.....uccggcguaguauaacgCcuaga..... 1
Gi2_11181027_x1.....uccggcguaguUuaacggcua..... 1
Gi1_4374990_x1.....guucucacccaacagauccgggu..... 0
Gi5_9051131_x1.....uAcucacccaacagauccggguuc..... 1
Gi5_9016215_x1.....uccggcgGaguauaacggcuagaau..... 1
Gi2_11350215_x1.....gguucgauucccgGgUccggagcggu..... 1
Gi5_9011451_x1.....uccggcgAaguauaacggcuagaau..... 1
Gi3_28271680_x1.....gguucgauucccgGgcc..... 1
Gi2_11248818_x1.....aacUgauccggguucgauuccggcgccg..... 1
Gi3_28482553_x1.....Ccacccaacagauccggguuc..... 1
Gi5_8842286_x1.....gguucgauuccAgggcgccggagcggu..... 1
Gi5_8935297_x1.....guucgauuccCgcgcgga..... 1
Gi3_28690276_x1.....uccNcguaguauaacggcuagaau..... 1
Gi3_28438328_x1.....ucgauucAcggcgccggagc..... 1
Gi2_11265027_x1.....agaauuguuAguucucacc..... 1
Gi2_11348783_x1.....guucucacccaacagCuccg..... 1
Gi5_9043186_x1.....uccggcguaguauaCcggu..... 1
Gi1_4344470_x1.....ugguucucacccaacagaAccgg..... 1
Gi5_9116538_x1.....ucucacccaacagauAccg..... 1
Gi5_8936068_x1.....uucucacccCacagauccggguu..... 1
Gi1_4349308_x1.....cggcguaguauaacggcC..... 1
Gi1_4212124_x1.....aacagauccggguucgCuuccggcgccg..... 1
Gi3_28985193_x1.....ggguucgauuccggcgccggaCc..... 1
Gi5_8850989_x1.....gguucgauuccggcgUggag..... 1
Gi2_11043102_x1.....uccggcguaguauaacgUcuag..... 1
Gi5_8974330_x1.....guucucGcccaacagauccgg..... 1
Gi5_8843088_x1.....Agguucgauuccggcgccg..... 1
Gi3_28806175_x1.....ggguucgGuuccggcgccgga..... 1
Gi5_9095572_x1.....uucucacccaacagauAccg..... 1
G1a_6138565_x1.....gguucgauuccggcgccggagcU..... 1
Gi2_11312605_x1.....uccggcguagGauaacggcuaga..... 1
Gi5_9087095_x1.....gguucgCuuccggcgccggagcg..... 1
Gi2_11395991_x1.....ucgauuccggUccggag..... 1
Gi4_596185_x1.....ucgauuccggcgccggagcC..... 1
Gi1_4213675_x1.....uccggcgAaguauaacgg..... 1
Gi2_11068295_x1.....guucucacccaacagauUcg..... 1
Gi3_28369938_x1.....gaurUggguucgauucc..... 1

Gi1_4221446_x1.....gguucucaccaacaCauccg..... 1
Gi5_9076870_x1.....uucgauucccgcgccgC..... 1
Gi1_4343275_x1.....ucucaccaacaAauccgg..... 1
Gi5_9007222_x1.....uccggcguagAauaacggc..... 1
Gi3_28336947_x1.....guucgauucccgcgccgAag..... 1
Gi5_9083523_x1.....ggNucucaccaacagauccg..... 1
Gi3_28909124_x1.....uccggcguaguGuaacggcu..... 1
Gi5_8934898_x1.....uccgCcguguauaacgg..... 1
Gi4_568672_x1.....gUucgauucccgcgccgga..... 1
Gi3_28789032_x1.....ucucaccaUcagauccgg..... 1
Gi1_4202829_x1.....gguUGgauucccgcgccggagc..... 1
Gi5_9116262_x1.....uUucaccaacagauccgg..... 1
Gi2_11144807_x1.....ucucaccGacagauccgg..... 1
Gi2_11345545_x1.....cAgcguaguauaacggcua..... 1
Gi3_28304608_x1.....Cgguucucaccaacagauccggguucga..... 1
Gi5_9051218_x1.....ucaccaacaAauccggguu..... 1
Gi2_10997984_x1.....uucucGcccaacagauccg..... 1
G1a_6035669_x1.....gguucgauuccUgcgccgga..... 1
Gi5_8906375_x1.....cucaccaacagauccgA..... 1
G1a_6119872_x1.....uccggcguAauaacggcuag..... 1
Gi2_11272262_x1.....uccggcUuaguauaacggcua..... 1
Gi5_8911041_x1.....cguaguauaacAgcuagaauugguuc..... 1
Gi5_8935087_x1.....gguAcgauucccgcgccgg..... 1
Gi2_11121073_x1.....gguucgauucccgAgcc..... 1
Gi2_11021314_x1.....ucgauuccAgcgccggagc..... 1
Gi5_9045643_x1.....agauccggguucgUuucc..... 1
Gi3_28970556_x1.....uccNgcguaguauaacggcuagaa..... 1
Gi1_4206857_x1.....uucgauucccgGgccgg..... 1
Gi3_28351075_x1.....ugguAcucaccaacagauccg..... 1
Gi5_8997230_x1.....gguucuGaccaacagauccg..... 1
Gi5_9099443_x1.....acagauccggguucAauucccgcg..... 1
Gi5_8977628_x1.....ugguCcucaccaacagauccgg..... 1
Gi2_11094102_x1.....uucucaccaacagauccggguuc..... 0
Gi1_4285101_x1.....uccUgcuaguauaacggcuag..... 1
Gi3_28610467_x1.....Uuucucaccaacagauccggguucga..... 1
Gi3_28980890_x1.....agGuccggguucgauucc..... 1
G1a_6137072_x1.....uUcggcguaguauaacggcu..... 1
Gi1_4165399_x1.....Nuucgauucccgcgccggagc..... 1
Gi3_28283115_x1.....aAauccggguucgauucc..... 1
Gi4_586758_x1.....gguucgauucUcggcgccgg..... 1
Gi5_9053569_x1.....guNcgauucccgcgccg..... 1
Gi1_4287339_x1.....ccNgcguaguauaacggc..... 1
Gi3_28609946_x1.....uccggcguaguauaacggAu..... 1
G1a_6074540_x1.....Cuucucaccaacagauccg..... 1
Gi1_4360267_x1.....uccggcguaguauaacggcuaUaau..... 1
Gi3_28582943_x1.....gguucgauucccgAgccgga..... 1
Gi3_28282524_x1.....uUaccaacagauccggguuc..... 1

G1a_6049064_x1.....uucucaccaacagaCccgg..... 1
 Gi3_28981538_x1.....guGcucaccaacagauccgggu..... 1
 Gi1_4296833_x1.....ccggcAuaguauaacggc..... 1
 Gi3_28428151_x1.....guucgauucccgCcgccgga..... 1
 G1a_6170784_x1.....guucgauucccgcgccAg..... 1
 Gi4_583360_x1.....ucUggcguaguauaacggcuag..... 1
 Gi1_4278303_x1.....ugguucucacGcaacagauccgg..... 1
 Gi5_9062821_x1.....ggcguaguauaacggcCag..... 1
 Gi5_8940859_x1.....gaGucccgcgccggagc..... 1
 Gi4_609562_x1.....Gccggcguaguauaacggcuagaau..... 1
 Gi1_4174351_x1.....uccggcguaAuauaacggcuaga..... 1
 Gi1_4364029_x1.....cucaccaacagauccggguucgauUc..... 1
 Gi3_28547069_x1.....gauuccUgcgccggagc..... 1
 Gi2_11374572_x1.....uccggcCuaguauaacggc..... 1
 Gi2_11030898_x1.....ugguucucaccaacagauUcg..... 1
 Gi1_4207197_x1.....gguucgauCcccgcgccggag..... 1
 Gi4_569538_x1.....guucUauucccgcgccgga..... 1
 Gi5_8880505_x1.....ucgauucccgUgccgga..... 1
 Gi4_570127_x1.....guCcgauucccgcgccg..... 1
 G1a_6159216_x1.....gguucgauucccAgcgccgga..... 1
 Gi1_4193613_x1.....gguucgauucccgcgccgAagc..... 1
 Gi3_28759523_x1.....gAgucgauucccgcgccggagc..... 1
 Gi3_28303949_x1.....guucucaccAaacagauccg..... 1
 Gi5_8879847_x1.....ccggcguaguauaacggcuUga..... 1
 Gi5_9066794_x1.....uAcggcguaguauaacggc..... 1
 Gi5_9088725_x1.....uccggcguaguauaacAgcu..... 1
 Gi3_28972616_x1.....Ngguucucaccaacagauccg..... 1
 Gi3_28684001_x1.....uccggcguCuauaacggcuagaa..... 1
 Gi2_11000963_x1.....guucgauGccggcgccggagc..... 1
 Gi3_28584641_x1.....ggguucgauucccgcgcc..... 0
 Gi3_28378752_x1.....gauccggguucgauuccA..... 1
 G1a_6344008_x1.....gguucgauucccgcgccA..... 1
 Gi3_28718778_x1.....guucucaccaUcagauccg..... 1
 Gi2_11031798_x1.....gguucgauucccgcgccG..... 1
 Gi4_590903_x1.....gguucgaCucccgcgccgg..... 1
 Gi1_4280151_x1.....guucgUuucccgcgccgga..... 1
 Gi1_4390025_x1.....ucucaccCacagauccgg..... 1
 Gi2_11101619_x1.....ccggcguagCauaacggcua..... 1
 Gi1_4303009_x1.....guucucaccaacagaAccgg..... 1
 G1a_6355749_x1.....guucgauAcccgcgccggagc..... 1
 Gi5_9038510_x1.....gguucgaAuucccgcgccgg..... 1
 Gi5_9103529_x1.....guucgauucGcgcgccgg..... 1
 Gi5_9045801_x1.....ccggcguaguauCacggcuag..... 1
 Gi2_11157373_x1.....agaucgggCucgauucc..... 1
 Gi1_4352878_x1.....gguucucaccaacagauccAg..... 1
 Gi3_28311070_x1.....ucgauucccgcgccUggag..... 1
 Gi3_28616852_x1.....guCucaccaacagauccgggu..... 1

Gi3_28644290_x1.....gggGucgauucccggcgccga..... 1
 Gi1_4199746_x1.....ucucaccaacagauUcg..... 1
 Gi4_588625_x1.....uccggUguaguauaacggcuag..... 1
 Gi2_11328054_x1.....uccNgcguaguauaacggcuag..... 1
 Gi2_11403305_x1.....uccggcguagAauaacggcuaga..... 1
 Gi2_11328496_x1.....ugAuucucacccaacagaucc..... 1
 Gi5_9040047_x1.....guAcucaccaacagauccgg..... 1
 Gi5_9120589_x1.....uccggcguaguauaaGggc..... 1
 Gi3_28902627_x1.....ccggcguaguauaacgAc..... 1
 Gi3_28728018_x1.....ggguucgauucAcgggcgccgagc..... 1
 Gi5_8876136_x1.....uccgUcguaguauaacggcu..... 1
 Gi2_11386665_x1.....ucgauucccgGgccgga..... 1
 Gi2_11154551_x1.....uguuAucaccaacagaucc..... 1
 Gi3_28580965_x1.....uugguucucacccaUcagaucc..... 1
 Gi2_11328523_x1.....cagauccgNguucgauucc..... 1
 Gi1_4295372_x1.....ugguucucUcccaacagaucc..... 1
 Gi4_605653_x1.....uccggcguaguauaGcggcuagaa..... 1
 Gi2_11021809_x1.....uccggcguaguauaacggcuaUaa..... 1
 G1a_6071110_x1.....uGcggcguaguauaacggcuagaa..... 1
 G1a_6275200_x1.....guucucaccaCcagauccg..... 1
 G1a_6183164_x1.....Aguucgauucccggcgcc..... 1
 Gi3_28851276_x1.....caacagauccggguucAa..... 1
 Gi3_28607644_x1.....cucaccaacUgauccgg..... 1
 Gi4_610798_x1.....gguucgauucccggcgccgC..... 1
 Gi5_9112221_x1.....gguucgauucccggcgccgGcggu..... 1
 Gi2_11031964_x1.....gguucgauucccgCgcgccg..... 1
 Gi4_578888_x1.....uccggcguNguauaacggcua..... 1
 Gi5_8890193_x1.....guucgauucccggcgccgGg..... 1
 Gi2_11135721_x1.....agaugguugguucuUc..... 1
 Gi2_11311702_x1.....guucgauucccgUcgccgga..... 1
 Gi5_8859996_x1.....uucucaccaacagauccgggAu..... 1
 Gi5_8893444_x1.....ucgauucccggcgccgCagc..... 1
 Gi2_11154278_x1.....gguucgauuAccgggcgccg..... 1
 Gi5_8956102_x1.....cgauucccggcgccgagcA..... 1
 Gi3_28817291_x1.....Nccggcguaguauaacggcuagaa..... 1
 Gi3_28898428_x1.....guucucaccaacagaGccg..... 1
 Gi5_8866308_x1.....uccggcguaguauCacggcuagaauggu..... 1
 Gi2_11275861_x1.....aguccggUguaguauaacgg..... 1
 Gi3_28872144_x1.....guucucaccaacaAauccg..... 1
 Gi5_9030671_x1.....gguucgauucccgGgcc..... 1
 Gi1_4257465_x1.....gguucgauAccgggcgccgag..... 1
 Gi1_4313075_x1.....guucgauucccgAcg..... 1
 Gi3_28662358_x1.....uccggcguagAauaacggcu..... 1
 Gi5_9133169_x1.....ccggcguaguauaaUggcuaga..... 1
 Gi5_9087436_x1.....auucccggcgccgagcGA..... 1
 Gi4_591759_x1.....guucgauucccggcgccgC..... 1
 Gi1_4373866_x1.....ggcguaguGuaacggcua..... 1

Gi5_8994262_x1.....ggguucgauucccgcgccggagcC..... 1
Gi5_8935263_x1.....cccaacagauUcggguuc..... 1
Gi5_9119606_x1.....ucaccUaacagauccggguu..... 1
Gi1_4167615_x1.....agaaugguugguucucacc..... 0
Gi1_4278672_x1.....caGcagauccggguucgauucccggc..... 1
G1a_6280899_x1.....gguucgauucccgcgccggagcgA..... 1
Gi3_28845316_x1.....acccaGcagauccggguucgauucc..... 1
Gi5_9128815_x1.....guucgauucccgAgccggagc..... 1
Gi3_28316339_x1.....guucuUacccaacagauccgg..... 1
Gi3_28514188_x1.....ucGcacccaacagauccgg..... 1
Gi4_600480_x1.....guucgUuucccgcgccg..... 1
Gi5_8957526_x1.....aacagauccggAuucgauucccgcgccggagc..... 1
Gi3_28530015_x1.....ccaacagauccggguucgauucccgcgccggagc..... 0
Gi1_4251497_x1.....guucucacccaacagaGccg..... 1
Gi3_28606103_x1.....Gcaacagauccggguucgauucccgcgccggagc..... 1
Gi3_28933221_x1.....gguucucacccaacaUauccg..... 1
Gi2_11134309_x1.....cgggGucgauucccgcgccgga..... 1
Gi5_8903697_x1.....gguucgauucccggcUccggagc..... 1
Gi2_11333413_x1.....guucgaAuucccgcgccgga..... 1
Gi2_11034520_x1.....uucucacccaacaUauccg..... 1
G1a_6253918_x1.....ucucacccaacCgauccg..... 1
Gi5_8913613_x1.....cacccaGcagauccggguucga..... 1
Gi5_9073696_x1.....uccgCcguguauaacggcuag..... 1
Gi5_8891075_x1.....cucacccaAagaucgg..... 1
Gi2_11318228_x1.....uccggcguaguauaaAgg..... 1
Gi1_4387861_x1.....ugguucucacccaacaAuuccg..... 1
Gi5_8974533_x1.....cccaacagCuccggguuc..... 1
Gi1_4170449_x1.....ucgaCucccgcgccggagc..... 1
G1a_6236295_x1.....uccggcguCuuaaacggcuagaa..... 1
Gi5_9135834_x1.....guucgauUgccggcgccgga..... 1
Gi5_8971504_x1.....ccggcguagAuaaacggcua..... 1
Gi3_28670617_x1.....cccaacagauccggguuc..... 0
Gi5_9047390_x1.....uccggcguaguauaaUgg..... 1
Gi2_11384950_x1.....agaCccggguucgauucc..... 1
Gi3_28897993_x1.....gaGccggguucgauucc..... 1
Gi4_571954_x1.....guAcgauucccgcgccgg..... 1
Gi2_11284343_x1.....ucgaAuucccgcgccggagc..... 1
G1a_6220951_x1.....uAcgauucccgcgccggagc..... 1
G1a_6021407_x1.....gguucgauucccgcgccggagU..... 1
Gi5_8916664_x1.....cacccaacagauccAgguucga..... 1
Gi2_11014138_x1.....guucgauucccgUcgccggag..... 1
Gi5_8887625_x1.....caacagauccgggCucgauucccgcgccg..... 1
Gi4_575011_x1.....auucccgcgccggagcC..... 1
Gi3_28370921_x1.....ggguuAgauucccgcgccggagc..... 1
Gi3_28336392_x1.....cccaacCgauccggguucgauucc..... 1
Gi3_28748657_x1.....ccAgcguaguauaacggcuag..... 1
Gi2_11284605_x1.....cagauccggCuucgauucccgcgccggag..... 1

Gi5_8852998_x1.....gguucAauucccgcgcc..... 1
 Gi2_11037821_x1.....uucAauucccgcgccggag..... 1
 Gi1_4371977_x1.....uccggcguNguauaacggcuagaa..... 1
 Gi5_9135537_x1.....ucacccGacagauccgggu..... 1
 Gi2_11129664_x1.....ggguucgauucccgcgAcgga..... 1
 Gi3_28622818_x1.....cggcguaguauaacgAcuagaau..... 1
 Gi3_28923883_x1.....Gguccggcguaguauaacggcuagaugguu..... 1
 G1a_6314845_x1.....guucucaccaacagGuccg..... 1
 Gi3_28984927_x1.....uugguucucaccaacagGucc..... 1
 Gi1_4247741_x1.....ucAggcguaguauaacggcu..... 1
 G1a_6161345_x1.....uccggcguaguauaacAgcu..... 1
 Gi5_8942143_x1.....uucAcaccaacagauccgg..... 1
 Gi2_11302589_x1.....cgguucgauucAcggcgccgga..... 1
 Gi1_4300720_x1.....uAcggcguaguauaacggcuagaau..... 1
 Gi5_9041570_x1.....uccNgcguaguauaacggcuaga..... 1
 Gi5_8992574_x1.....uccgUcguguaguauaacggcuagaau..... 1
 Gi2_11394025_x1.....uucgauucccgcgccgA..... 1
 Gi2_11273501_x1.....gguucgauucccgCcgccggag..... 1
 Gi5_8961465_x1.....gguuUgauucccgcgccggagcguuu..... 1
 Gi2_11023000_x1.....uccggcguaguUuaacgg..... 1
 G1a_6164324_x1.....uccggcguaguauaacggcC..... 1
 Gi3_28317100_x1.....cggcguagGauaacggc..... 1
 Gi5_9112409_x1.....gguucucaccaacGgauccgggu..... 1
 Gi5_8928381_x1.....uccggcguagAauaacgg..... 1
 Gi5_9116559_x1.....guucgauuccUgcgccggagc..... 1
 Gi2_11307595_x1.....guucucaccaacagaucGgg..... 1
 Gi4_596980_x1.....cggcguaguauaacggcuaga..... 0
 Gi5_9098234_x1.....ugguucucaccaacGgauccgg..... 1
 Gi2_11103065_x1.....cccaacagauccggguGc..... 1
 Gi2_11063689_x1.....gguucucaccUaacagauccg..... 1
 Gi3_28352247_x1.....guuAucaccaacagauccg..... 1
 Gi3_28594514_x1.....ggguucgauucccgcgccggG..... 1
 Gi2_11062455_x1.....guucgauucccgcgccggagcg..... 0
 Gi3_28608323_x1.....gUuccggguucgauucccgcgccgga..... 1
 Gi2_11261549_x1.....uucucaUccaacagauccg..... 1
 G1a_6140685_x1.....uccggcguaguauaacggcuCga..... 1
 Gi3_28419469_x1.....uccggguucgauucccgAgccgga..... 1
 Gi1_4274502_x1.....caacUgauccggguucgauucccggc..... 1
 Gi5_8832448_x1.....guucucaccaacagauccAg..... 1
 Gi2_11295613_x1.....guuGgauucccgcgccggagc..... 1
 Gi2_11177370_x1.....uccNgcguaguauaacggc..... 1
 Gi2_11107148_x1.....aacagauccggguuAgauucccgcgccg..... 1
 Gi5_9023441_x1.....uccggcguaguauaacgUcuaga..... 1
 Gi3_28418808_x1.....guucgauuccGggcgccg..... 1
 Gi1_4351216_x1.....gguAcgauucccgcgccggagc..... 1
 Gi5_8887622_x1.....uccggcguaguauaacgA..... 1
 Gi5_9069029_x1.....cggcguaguauCacggcua..... 1

Gi1a_6088397_x1.....uccggcguaguaCaacggc..... 1
 Gi2_11274935_x1.....uccggcgAguauaacggcua..... 1
 Gi5_8853453_x1.....uccggcgAguauaacggcua.....guucgauucccgUcgccggag..... 1
 Gi2_11396307_x1.....uccggcgAguauaacggcua.....guucucacUcaacagauccgg..... 1
 Gi1_4337569_x1.....uccggcguagGauaacgg..... 1
 Gi2_11020624_x1.....uccggcgAguauaacggcua.....guucgauuccAgggcgccgga..... 1
 Gi5_9032630_x1.....uccggcgAguauaacggcua.....gguucucacccaacagauccU..... 1
 Gi1_4218050_x1.....uccggcgAguauaacggcua.....gguucgauuccggcgccgCag..... 1
 Gi3_28773250_x1.....uccggcguaguauUacggcuagaa..... 1
 Gi2_11195649_x1.....uccggcguaCuauaacgg..... 1
 Gi5_9111585_x1.....uccggGguaguauaacgg..... 1
 Gi3_28699586_x1.....gguucucacUcaacagauccgggu..... 1
 Gi1_4323896_x1.....uccggcgAguauaacggcua.....auccggAuucgauuccggcgccgg..... 1
 Gi3_28984872_x1.....uccggcguaCuauaacggcua.....ucucUcccaacagauccgg..... 1
 Gi2_11308415_x1.....uccggcguaCuauaacggcua..... 1
 Gi2_11130540_x1.....uccggcgAguauaacggcua.....ucgauucccgAcgcccga..... 1
 Gi3_28438278_x1.....uccggcgAguauaacggcua.....gauuccggcgccggagcU..... 1
 Gi5_9107204_x1.....ggcguaguGuaacggcuag..... 1
 Gi5_8883160_x1.....aguccggcguGguauaacgg..... 1
 Gi5_8866757_x1.....ucucacccaacagauccggg..... 0
 Gi2_11144917_x1.....uccggcgAguauaacggcua.....cgauuccggcgccggaAcguuu..... 1
 Gi3_28580755_x1.....ucucacccaacagaucca..... 1
 Gi5_8937867_x1.....uccggcgAguauaacggcua.....guucCauuccggcgccggag..... 1
 Gi5_8870721_x1.....uccggcgAguauaacggcua.....ugguucucaccUaacagauccgg..... 1
 Gi1_4264312_x1.....uccggcgAguauaacggcua.....ucucaUccaacagauccg..... 1
 Gi5_9119994_x1.....cUggcguaguauaacggcua..... 1
 Gi3_28672092_x1.....uccggcgAguauaacggcua.....uucucacGcaacagauccg..... 1
 Gi1_4374162_x1.....uccggcgAguauaacggcua.....accaacagauccggguucgauuccUcg..... 1
 Gi1_4226524_x1.....uccgCcguaquauaacggc..... 1
 Gi5_9036859_x1.....ucucacccaacagauccggg..... 1
 Gi5_8925769_x1.....uccggcgAguauaacggcua.....guucgaAuuccggcgccggagcguuu..... 1
 Gi3_28968747_x1.....uccggcgAguauaacggcua.....uucgauuccggcAccgga..... 1
 Gi5_9017324_x1.....uccggcgAguauaacggcua.....cacccaaUagaucggguucga..... 1
 Gi5_9114512_x1.....uccggcgAguauaacggcua.....gguucgauuccggcgccggagcgcCuu..... 1
 Gi2_11357651_x1.....uccggcgAguauaacggcua.....uucucaccUaacagauccgg..... 1
 Gi5_8950806_x1.....uccggcgAguauaacggcua.....guucgauuccggcgccggagc..... 1
 Gi5_9026656_x1.....uccggcguaguauaacggAcuagaa..... 1
 Gi2_11314715_x1.....uccggcgAguauaacggcua.....uuNucacccaacagauccgg..... 1
 Gi2_11370999_x1.....uccggcgAguauaacggcua.....uucucCcccaacagauccgg..... 1
 Gi5_8934047_x1.....uccggcgAguauaacggcua.....uugguCcucacccaacagauccg..... 1
 Gi1_4319217_x1.....aguccggcguaguauaacgg..... 0
 Gi5_8892467_x1.....uccggcgAguauaacggcua.....cUcaacagauccggguuc..... 1
 Gi1_4366445_x1.....uccggcgAguauaacggcua.....ucucacccaUagaucgg..... 1
 Gi5_9134259_x1.....uccggcgAguauaacggcua.....gguucacccaacagaGccgg..... 1
 Gi5_8923742_x1.....uccggcgAguauaacggcua.....cgggcCaguauaacggcuag..... 1
 Gi3_28829414_x1.....uccggcgAguauaacggcua.....cucacccaacagauccgA..... 1
 Gi1_4243940_x1.....ccggcguaguauaacggUua..... 1

Gi1_4224993_x1.....cucaccaacagauccggguucg..... 0
 Gl1a_6110384_x1.....uccggcguaguGuaacggcuagaau..... 1
 Gi1_4172732_x1.....Ucagauccggguucgauuccc..... 1
 Gi3_28876102_x1.....uccggguucgauucccggUgccgga..... 1
 Gi3_28563903_x1.....ggguucgauucccggcgccggGg..... 1
 Gi1_4312696_x1......uuccggcgccggagcgA..... 1
 Gi3_28983925_x1......agauccggAuucgauucccggcgccggagc..... 1
 Gi5_9003785_x1......uucucaccaacagauccAg..... 1
 Gi2_11000590_x1......gauuAccggcgccggagc..... 1
 Gi1_4266129_x1......gguucgauucccggcCccggagc..... 1
 Gi5_8993877_x1......cggcguaguauaacggcAaga..... 1
 Gi3_28492981_x1......uccggguucgGuucccggcgccg..... 1
 Gi3_28781900_x1......acagauccggguucgauucccggcgccggG..... 1
 Gi5_9016590_x1......guuNucaccaacagauccgg..... 1
 Gi2_11340065_x1......uccggcguauuaaacggcua..... 1
 Gi1_4229325_x1......uccggcguaguauaaAggcuagaau..... 1
 Gl1a_6216070_x1......Cguucgauucccggcgcc..... 1
 Gi2_11111681_x1......guucgauuccGggcgccggagc..... 1
 Gi1_4328204_x1......gguucgauucccCgcgcc..... 1
 Gl1a_6340775_x1......uccggcguaguauaacggcuagaG..... 1
 Gl1a_6302868_x1......auccggguucgaCucccggc..... 1
 Gi2_11041640_x1......guaguGuaacggcuagaau..... 1
 Gi5_9045446_x1......gguucucaccaacaUauccg..... 1
 Gi1_4289002_x1......cucaccaacagauccggg..... 1
 Gi3_28546804_x1......guucucaccUaacagauccggg..... 1
 Gi5_9082398_x1......uucgGuucccggcgccgg..... 1
 Gi2_11222279_x1......gauuUccggcgccggagc..... 1
 Gi1_4197287_x1......auucccggcgccggagcU..... 1
 Gi4_604495_x1......gGuucccggcgccggagc..... 1
 Gi1_4306787_x1......cucaccaGcagauccggguucga..... 1
 Gi3_28914095_x1......guucucacccUacagauccgg..... 1
 Gi2_11386878_x1......guucgauucGcggcgccg..... 1
 Gi3_28376183_x1......gguucgUuucccggcgccgg..... 1
 Gi1_4327164_x1......auccggguucgauucccggcgccggU..... 1
 Gi3_28868449_x1......auccgggCucgauucccggcgccgga..... 1
 Gi2_11346721_x1......guucucaccaacagauccUgg..... 1
 Gi5_9067346_x1......guucgauucccggcgGcgga..... 1
 Gi3_28714050_x1......cagauccggguucgaCucccggcgccgg..... 1
 Gl1a_6174982_x1......gguucgauucccCgcgccggag..... 1
 Gi1_4354254_x1......guucgCuucccggcgccg..... 1
 Gi5_9021911_x1......uuUucaccaacagauccggguuc..... 1
 Gi5_9131642_x1......gguucgauucccggcgccggaA..... 1
 Gi3_28744785_x1......ucucaccaacagCuccgg..... 1
 Gi3_28893665_x1......cgguucgaCucccggcgccgga..... 1
 Gi3_28554705_x1......gguucuaNccaacagauccgg..... 1
 Gi1_4332510_x1......gguucgaGuucccggcgccgga..... 1
 Gi5_8977588_x1......uucucaccaacagauccC..... 1

Gi5_9018245_x1.....gguucgauucccgcgccAgagcguu..... 1
G1a_6330116_x1.....gguucgauucccgcgGcggagc..... 1
Gi4_591882_x1.....uccggUguaguauaacggcuagaau..... 1
Gi1_4218202_x1.....uccggcguaguauaacgAcu..... 1
Gi2_11372011_x1.....cgauucccgUgcccggagcguuu..... 1
Gi2_11297972_x1.....ggNucgauucccgcgccggag..... 1
Gi3_28402350_x1.....aucggguNcgauucccgcgccggagc..... 1
Gi3_28317217_x1.....gguucucacccaacagauccC..... 1
Gi1_4180272_x1.....ucucCcccaacagauccg..... 1
Gi1_4246585_x1.....uccggcguagAauaacggcuag..... 1
Gi1_4175714_x1.....gguucgauucccgcgGcggagc..... 1
Gi5_8985418_x1.....uccggcguaguUuaacggcuagaau..... 1
Gi1_4188947_x1.....uccggAguaguauaacggcuaga..... 1
Gi3_28493974_x1.....cacccaacagUuccggguuc..... 1
Gi5_8846416_x1.....ccggcgCaguauaacggcuag..... 1
Gi3_28349661_x1.....ucacccaacagauccggAuuc..... 1
Gi3_28737614_x1.....ucAauucccgcgccgga..... 1
Gi2_11252634_x1.....gguucgauucccgcgccU..... 1
Gi5_8890323_x1.....uccggAguaguauaacgg..... 1
Gi5_8867078_x1.....cccGacagauccggguuc..... 1
Gi5_8884315_x1.....Cguucucacccaacagauccggguu..... 1
Gi5_9096554_x1.....uccggcguaguauaacCgcuagaau..... 1
Gi5_8848841_x1.....gguucucacccaacagaCccgg..... 1
Gi5_8916660_x1.....uucucacccCacagauccgg..... 1
Gi2_11309983_x1.....Ugauucccgcgccggagc..... 1
Gi3_28872991_x1.....guucgauucccgUccgga..... 1
Gi3_28685562_x1.....guucucacccaacagauccgg..... 1
Gi1_4201107_x1.....gguucgauucccgcgccggagc..... 1
Gi3_28325103_x1.....ugguuUucacccaacagauccg..... 1
Gi3_28435967_x1.....caacagauccggGucga..... 1
Gi1_4247162_x1.....gguucgauucccgAgccggag..... 1
Gi5_8895251_x1.....gguucucaccUaacagauccgg..... 1
Gi3_28577158_x1.....Cuucucacccaacagauccgggu..... 1
G1a_6027245_x1.....gguuAgauucccgcgccg..... 1
Gi3_28612011_x1.....guucAcacccaacagauccgggu..... 1
Gi2_11214536_x1.....ucGggcguaguauaacggc..... 1
Gi3_28888618_x1.....ucgauucccgAccggagc..... 1
Gi2_11121472_x1.....uccggcguagGauaacgg..... 1
Gi3_28695765_x1.....uccggcguaguauaacgUcua..... 1
G1a_6211574_x1.....uccggcguaguauGacggcuagaa..... 1
Gi3_28783571_x1.....ccggcguGguauaacggcuagaau..... 1
Gi3_28310110_x1.....ccgNcguaguauaacggc..... 1
Gi3_28743439_x1.....acagauccggguucgauucccgcgccgAa..... 1
Gi5_9050165_x1.....guuAgauucccgcgccg..... 1
Gi2_11150518_x1.....gguucgauucccgcgGcggag..... 1
Gi3_28672800_x1.....uccggcguaguGaacggcuag..... 1
Gi3_28358554_x1.....uccggcguCuauaacggcuagaau..... 1

Gi1_4354556_x1.....gguucucaGccaacagauccgg..... 1
 Gi5_9069093_x1.....ggcguaguauaacggcuagaC..... 1
 Gi2_11278047_x1.....ccGgguucgauuccggcgccggagc..... 1
 Gi4_584701_x1.....ccggcguaguauaacggcuag..... 0
 Gi1_4201504_x1.....ggNucucaccaacagauccg..... 1
 Gi5_8949105_x1.....gguucgauuccggcgccggCgcguuu..... 1
 G1a_6250668_x1.....guucgauuccggUgccgg..... 1
 Gi5_9110145_x1.....gguucgauuccAggcgcccga..... 1
 Gi5_9017302_x1.....Ucggguucgauuccggcgccgga..... 1
 Gi5_9124154_x1.....guuAgauuccggcgccgga..... 1
 G1a_6345276_x1.....ugguucucaccaacagGuccg..... 1
 Gi4_597138_x1.....gguucgauuccggUgccgg..... 1
 Gi3_28400846_x1.....guucucacccGacagauccgg..... 1
 Gi2_11178729_x1.....uucucaccaacagauccggguUg..... 1
 Gi5_8862420_x1.....uCGuucucaccaacagauccgggu..... 1
 Gi3_28594797_x1.....ggcAuaguauaacggcuag..... 1
 Gi5_8985112_x1.....ucgauuccggAgccggag..... 1
 Gi5_8990492_x1.....gguCcgauuccggcgccggagcguu..... 1
 G1a_6297142_x1.....ucUggcguaguauaacggcuagau..... 1
 Gi2_11173314_x1.....gNuucgauuccggcgccggagc..... 1
 Gi1_4280106_x1.....ccggcguaguauaacggcuagaa..... 1
 Gi5_9112113_x1.....ccgggCucgauuccggcgccgga..... 1
 Gi3_28543581_x1.....caacGgauccggguucga..... 1
 Gi1_4259039_x1.....guucuAaccaacagauccg..... 1
 Gi2_11210225_x1.....ucAauuccggcgccggagc..... 1
 Gi3_28885944_x1.....uccggcguaUuauaacggcu..... 1
 Gi2_11179071_x1.....uccggcguaguauaacggcuUgaa..... 1
 Gi2_11400291_x1.....uccgggCucgauuccggcgccgga..... 1
 Gi1_4324529_x1.....gguucAauuccggcgccggagc..... 1
 Gi3_28636057_x1.....gggCucgauuccggcgccg..... 1
 Gi5_8854179_x1.....uccggcguCuauaacggcuag..... 1
 Gi3_28618792_x1.....gguucgauucAcggcgcc..... 1
 Gi1_4207312_x1.....ggcguaguauaacAgcua..... 1
 Gi2_11182677_x1.....Uggguucgauuccggcgccggagc..... 1
 Gi3_28554672_x1.....guucucaccaacagGuccgg..... 1
 Gi1_4159212_x1.....Ggauccggguucgauucc..... 1
 Gi2_11180185_x1.....Gccaacagauccggguuc..... 1
 Gi3_28835913_x1.....uccggguucgauuccggcgccAga..... 1
 Gi5_8968028_x1.....gguucgauuccGggcgccggagc..... 1
 Gi5_8902456_x1.....uucucaUccaacagauccggguu..... 1
 Gi5_9096651_x1.....accaacagauccggguucgaCuccc..... 1
 Gi3_28505496_x1.....Uaacagauccggguucga..... 1
 Gi2_11282194_x1.....uucgauucNcggcgccggag..... 1
 Gi3_28646600_x1.....uucgauAccggcgccgga..... 1
 Gi3_28322090_x1.....gguucgauuccGggcgccgga..... 1
 Gi5_9082787_x1.....uucucacccUacagauccggguu..... 1
 Gi5_8906067_x1.....ugguucucaccaacagauUcg..... 1

Gi3_28894200_x1.....cucaccaGcagauccgg.....1
Gi1_4170752_x1.....ugguucucacccaacagauccC.....1
Gi5_9011318_x1.....uccggcguaguauaacggcAag.....gguucgauucccgccgUagc.....1
Gi1_4339347_x1.....uccggcguaguauaacggcAag.....1
Gi3_28692740_x1.....cucaccaacaAauccgg.....1
Gi3_28335349_x1.....acagauccNggucgauucccgccgga.....1
Gi2_11240438_x1.....uAcggcguaguauaacggcua.....1
G1a_6162908_x1.....uccggcguaguauCacggcuagaau.....1
Gi3_28701100_x1.....ugguucucCcccaacagauc.....1
Gi5_9011185_x1.....ucgauCcccgccgccgagc.....1
Gi5_8919948_x1.....uugguucucacccaacaga.....0
Gi1_4270057_x1.....uccggcguagAuaaacggcua.....1
Gi3_28339293_x1.....ucaccUacagauccggguuc.....1
Gi2_11088895_x1.....Nuucgauucccgccgagc.....1
Gi3_28544967_x1.....Guccggguucgauucccgccgga.....1
Gi4_589084_x1.....gguucgauucccgccAccgg.....1
Gi3_28467549_x1.....gguucgUuucccgccg.....1
Gi2_11276863_x1.....cucaccaaaUagauccgg.....1
Gi5_9041740_x1.....uugguucucacccaacagauccA.....1
Gi5_8835091_x1.....uccggAguaguauaacggcu.....1
Gi3_28319896_x1.....Gucaccaacagauccggguucgauucc.....1
Gi2_10997619_x1.....ucgauucccgccgagcU.....1
Gi3_28713029_x1.....uccggcguaguauaacggcuagaUu.....1
Gi3_28903629_x1.....uccggguucgaCucccgccgga.....1
Gi1_4275504_x1.....gguucgauucccgAccc.....1
Gi5_8948057_x1.....Cgguucgauucccgccgagc.....1
Gi1_4373711_x1.....uccggcguCuauaacgg.....1
Gi2_11128906_x1.....guucucacccaacagauccgA.....1
Gi3_28686517_x1.....cucaccaacagauccUg.....1
Gi2_11201441_x1.....guucgauucccgccgUag.....1
Gi4_595029_x1.....guucgauucccgccgAccg.....1
Gi5_9079014_x1.....ccggcguaguauaacggUuag.....1
Gi5_9109561_x1.....uccggcCuaguauaacggcua.....1
Gi3_28945706_x1.....cggcguaguauaacAgcuagaauugu.....1
Gi3_28715958_x1.....ggguCcgauucccgccgag.....1
Gi5_9070424_x1.....uccggcguaguauaacUgc.....1
Gi1_4275075_x1.....cagauccggCucgauucccgcc.....1
Gi3_28544544_x1.....ugguucucacccUacagauccg.....1
G1a_6154480_x1.....uccggcguNguauaacggcua.....1
Gi5_8997540_x1.....ucUcccaacagauccggguu.....1
Gi5_9102986_x1.....ccggcguagCauaacggcuaga.....1
Gi4_578344_x1.....uugguucucacccGacaga.....1
Gi2_11222338_x1.....guNcgauucccgccgagc.....1
Gi5_9092387_x1.....gguucgauucccgCcgccg.....1
Gi3_28682926_x1.....uccUgcguaguauaacggcuagaau.....1
Gi3_28803494_x1.....gauccggguucgauucAc.....1
Gi3_28444929_x1.....uGcggguucgauucccgccg.....1

Gi5_3728878_x8684.....	gguucgauucccggcgccggagc.....	0
Gi3_13864308_x6910.....	gguucgauucccggcgccg.....	0
Gi2_3537957_x6599.....	guucgauucccggcgccggagcC.....	1
Gi3_14018747_x6489.....	Uguucgauucccggcgccggagc.....	1
Gi3_14430267_x5377.....	guucgauucccggcgccggag.....	0
Gi5_3990121_x5185.....	gguucgauucccggcgccggagcC.....	1
Gi3_14604826_x4914.....	gguucgauucccggcgccgg.....	0
Gi1_1946380_x4673.....	gguucgauucccggcgccgg.....	0
Gi3_14790128_x4604.....	gUuucgauucccggcgccggagc.....	1
Gi2_3825436_x4527.....	gguucgauucccggcgccggag.....	0
Gi2_3883487_x4338.....	gguucgauucccggcgcc.....	0
Gi5_4133188_x4096.....	gguucgauucccggcgccg.....	0
Gi3_15580261_x3458.....	gguucgauucccggcgcc.....	0
Gi2_4129219_x3450.....	gguucgauucccggcgccg.....	0
Gi5_4342263_x3360.....	gguucgauucccggcgccgga.....	0
Gi1_2059731_x3261uucucacccaacagauccg.....	.....	0
Gi2_4175715_x3240.....	Uguucgauucccggcgccggagc.....	1
Gi3_15854949_x3080uucucacccaacagauccg.....	.....	0
Gi2_4266688_x3008.....	guucgauucccggcgccg.....	0
Gi1_2084611_x2882uucucacccaacagauccg.....	.....	0
Gi2_4338576_x2763.....	gguucgauucccggcgccgga.....	0
Gi3_16196749_x2745.....	guucgauucccggcgccg.....	0
Gi5_4464014_x2733uucucacccaacagauccg.....	.....	0
Gi5_4466747_x2732.....	guucgauucccggcgccgga.....	0
Gi1_2098525_x2672.....	Uuucgauucccggcgccgg.....	1
Gi1_2106457_x2553.....	guucgauucccggcgccggagcC.....	1
Gi5_4584884_x2359.....	gguucgauucccggcgccgg.....	0
Gi2_4550526_x2301.....	gUuucgauucccggcgccggagc.....	1
Gi3_16719768_x2271.....	ucgauucccggcgccggagcC.....	1
Gi1_2160670_x2236.....	guucgauucccggcgccgga.....	0
Gi2_4659874_x2088.....	guucgauucccggcgccgga.....	0
Gi5_4689295_x2063.....	guucgauucccggcgccggagcC.....	1
Gi2_4678540_x2059.....	guucgauucccggcgccggag.....	0
Gi5_4746918_x1924.....	gguucgauucccggcgccg.....	0
Gi3_17258833_x1863uucucacccaacagauccg.....	.....	0
Gi5_4797320_x1809.....	guucgauucccggcgccggagc.....	0
Gi5_4829364_x1752.....	gguucgauucccggcgccggag.....	0
Gi5_4856838_x1692..cucacccaacagauccg.....	.....	0
Gi3_17723670_x1584.....	Uguucgauucccggcgccgga.....	1
Gi1_2263260_x1508.....	guucgauucccggcgccg.....	0
Gi1_2279516_x1437.....	gGucgauucccggcgccgg.....	1
Gi3_18002792_x1423.....	ucgauucccggcgccggagc.....	0
Gi2_5190590_x1386uucucacccaacagauccg.....	.....	0
Gi3_18114895_x1376.....	Uguucgauucccggcgccggag.....	1
Gi2_5265076_x1323.....	ucgauucccggcgccggagc.....	0
Gi3_18253831_x1317.....	Uuucgauucccggcgccgg.....	1
Gi1_2332554_x1264.....	gguucgauucccggcgccggagc.....	0

Gi1_2340050_x1226.....	guucgauucccggcgccggagc.....	0
Gi3_18631876_x1148.....	Uuucgauucccggcgccgga.....	1
Gi5_5178308_x1083.....	Uuucgauucccggcgccgg.....	1
Gi5_5191186_x1059.....	Uuucgauucccggcgccg.....	1
Gi3_18881639_x1044.....	gUuucgauucccggcgccgga.....	1
Gi2_5612893_x1032.....	Uuucgauucccggcgccggagc.....	1
Gi3_18985137_x1003.....	Uuucgauucccggcgccggagc.....	1
Gi3_19108956_x964.....	gUuucgauucccggcgccggag.....	1
Gi5_5277356_x931.....	Uguucgauucccggcgccggagc.....	1
Gi3_19223083_x923.....	uucgauucccggcgccggagc.....	0
Gi3_19277081_x906.....	gauucccggcgccggagc.....	0
Gi2_5857907_x868.....	Uuucgauucccggcgccg.....	1
Gi5_5341340_x840.ucucaccaacagauccg.....		0
Gi1_2480982_x805.....	gguucgauucccggcgccg.....	0
Gi3_19615623_x803.....	Uguucgauucccggcgccg.....	1
Gi1a_3739453_x774.....	gguucgauucccggcgccggagc.....	0
Gi2_6110175_x725.....	gguucgauucccggcgccg.....	0
Gi5_5453834_x702uucaccaacagauccg.....		0
Gi3_20044512_x691.....	gGucgauucccggcgccg.....	1
Gi3_20062420_x686.....	guucgauucccggcgccgC.....	1
Gi5_5504875_x652.....	gUuucgauucccggcgccggagc.....	1
Gi1_2562309_x634.....	gguucgauucccggcgccgga.....	0
Gi3_20331714_x633.....	Aguucgauucccggcgccggagc.....	1
Gi3_20356944_x628.....	cgauucccggcgccggagc.....	0
Gi3_20450237_x607.....	uucgauucccggcgccgga.....	0
Gi3_20477458_x603.....	uucgauucccggcgccggagcC.....	1
Gi3_20490687_x600.....	gGucgauucccggcgccgga.....	1
Gi3_20592804_x574.....	gauucccggcgccggagcC.....	1
Gi3_20641249_x565.....	gguucgauucccggcgccgC.....	1
Gi2_6524433_x562.....	gGucgauucccggcgccggagc.....	1
Gi3_20654213_x562.....	guucgaCucccggcgccggagc.....	1
Gi3_20711587_x552.....	gguucgauNcccggcgccggagc.....	1
Gi3_20742876_x547.....	gUuucgauucccggcgccg.....	1
Gi5_5635437_x543.....	gGucgauucccggcgccg.....	1
Gi3_20766281_x542.....	ucgauucccggcgccggag.....	0
Gi3_20813076_x534.....	Uuucgauucccggcgccggag.....	1
Gi1_2629414_x520.....	Uguucgauucccggcgccg.....	1
Gi3_20890919_x518.....	ucgauucccggcgccgga.....	0
Gi3_20912056_x514.....	Uguucgauucccggcgccg.....	1
Gi3_20940158_x508.cucaccaacagauccg.....		0
Gi2_6718036_x497.....	gauucccggcgccggagc.....	0
Gi2_6721016_x496.....	gGucgauucccggcgccg.....	1
Gi3_21017851_x495.....	auucccggcgccggagcC.....	1
Gi2_6751449_x486.....	Uguucgauucccggcgcc.....	1
Gi3_21069318_x486.....	gguucgauucccggcgccggCgc.....	1
Gi2_6769824_x481.....	Uguucgauucccggcgccggag.....	1
Gi2_6779412_x478.....	ucgauucccggcgccggagcC.....	1

Gi1_2664335_x471..cucacccaacagauccg.....	0
Gi3_21175959_x470.ucucacccaacagauccg.....	0
Gi5_5742002_x468.....gGucgauucccgcgccg.....	1
Gi3_21241144_x461.....gGucgauucccgcgccggagc.....	1
Gi1_2680859_x446.ucucacccaacagauccg.....	0
Gi1_2686601_x437.....uucgauucccgcgccg.....	0
Gi5_5802448_x432.....Uguucgauucccgcgccg.....	1
Gi3_21433943_x429.....ggCucgauucccgcgccggagc.....	1
Gi2_7002965_x415.....Uguucgauucccgcgccg.....	1
Gl1a_4132002_x412.....gguucgauucccgcgccggag.....	0
Gi1_2728696_x387.ucucacccaacagauccg.....	0
Gi3_21767117_x381.....Uguucgauucccgcgcc.....	1
Gi5_5902217_x373.....Uguucgauucccgcgccgga.....	1
Gi3_21824415_x373.....gUuucgauucccgcgccg.....	1
Gi3_21849616_x369.....cgauucccgcgccggagcC.....	1
Gi3_21850354_x369.....gguucgauucccgcgccggagcCu.....	1
Gi1_2749901_x367.....gguucgauucccgcgccggag.....	0
Gi5_5915080_x362.....gauucccgcgccggagc.....	0
Gi2_7279530_x347.....gauucccgcgccggagcC.....	1
Gi3_22045248_x341.....cagaucggguucgauucc.....	0
Gi1_2780262_x336.....gUuucgauucccgcgccg.....	1
Gi2_7348465_x332.....Aguucgauucccgcgccggagc.....	1
Gi2_7360380_x330.....gUuucgauucccgcgccggag.....	1
Gi5_6005812_x327.....gUuucgauucccgcgccg.....	1
Gi2_7428877_x314.....Uuucgauucccgcgccg.....	1
Gi3_22313956_x308.....gUuucgauucccgcgcc.....	1
Gi2_7451906_x308.....guucgaCucccgcgccggagc.....	1
Gi3_22310260_x308.....gguucgauucccgcgccggGgc.....	1
Gi3_22350015_x303.....uccggguucgauucccgcgccgga.....	0
Gi3_22369960_x301.....gGucgauucccgcgccggag.....	1
Gl1a_4343709_x299.....gguucgauucccgcgccggagcC.....	1
Gi3_22406772_x297.....gguucgauuccUggcgccggagc.....	1
Gi3_22426894_x295.....Uuucgauucccgcgccg.....	1
Gi3_22440421_x293.....Cguucgauucccgcgccggagc.....	1
Gi3_22470199_x290.....uucgauucccgcgccg.....	0
Gi1_2833307_x289..Uucacccaacagauccg.....	1
Gi1_2837629_x286.....gguucgauucccgcgccggagcC.....	1
Gi2_7584647_x283.....gUuucgauucccgcgcc.....	1
Gi2_7604625_x280.....uucgauucccgcgccg.....	0
Gi2_7623265_x277.....Uguucgauucccgcgccgga.....	1
Gi2_7633467_x275.....gguucgauNcccgcgccggagc.....	1
Gi3_22667789_x270.....guucgauucccgcgccggagcCu.....	1
Gi1_2865516_x267.....guucgauucccgcgccggagcCu.....	1
Gi5_6179994_x266.....Uuucgauucccgcgccgga.....	1
Gi1_2868710_x265.....ucgauucccgcgccggagc.....	0
Gl1a_4422156_x265.....gguucgauucccgcgccgga.....	0
Gi3_22715945_x265.....agaucggguucgauucc.....	0

Gi3_22720450_x265.....	gguucgaCucccggcgccggagc.....	1
Gi2_7692801_x265.....	gUuucgauucccggcgcg.....	1
Gi1_2876324_x260.....	guucgaCucccggcgcg.....	1
Gi5_6222628_x254.....	agauccggguucgauucc.....	0
Gi5_6228460_x253.....	ccaacagauccggguuc.....	0
Gi5_6235510_x251.....	ucucaccaacagauccgg.....	0
Gi3_22899164_x248.....	guucgaCucccggcgccgga.....	1
Gi5_6245734_x248.....	Uguucgauucccggcgcg.....	1
Gi4_339684_x242.....	gguucgauucccggcgcg.....	0
Gi3_22994850_x240.....	gguucgGuucccggcgcggagc.....	1
Gi1_2928825_x236.....	uucgauucccggcgcggagcC.....	1
Gi3_23052063_x235.....	caccaacagauccggguuc.....	0
Gi5_6308565_x232.....	Uguucgauucccggcgcg.....	1
Gi2_7899826_x230.....	uucgauucccggcgcggagcC.....	1
Gi5_6317809_x230.....	ucgauucccggcgcggag.....	0
Gi1_2938596_x230.....	Cguucgauucccggcgcg.....	1
Gi5_6326282_x228.....	ucgauucccggcgcggagc.....	0
Gi5_6331966_x226.....	guucgauucccggcgcggag.....	0
Gi2_7938475_x225.....	gguucgauucccggcgcggCgc.....	1
Gi3_23193875_x224.....	gguucgauuccUggcgcggag.....	1
Gi3_23200799_x223.....	guucgaCucccggcgcg.....	1
Gl1_4538766_x220.....	uucucaccaacagauccg.....	0
Gi1_2963766_x219.....	gCucgauucccggcgcg.....	1
Gl1_4546649_x218.....	gguucgauucccggcgcg.....	0
Gi2_7994399_x217.....	Uuucgauucccggcgcggag.....	1
Gi3_23304530_x215.....	ucucaccaacagauccg.....	0
Gi2_8017908_x214.....	uucgauucccggcgcggagc.....	0
Gl1_4557874_x214.....	gguucgauucccggcgcg.....	0
Gi5_6398702_x214.....	gUuucgauucccggcgcggga.....	1
Gi5_6417005_x211.....	ucgauucccggcgcggagcC.....	1
Gi3_23382327_x210.....	guucgauucccggcgcgA.....	1
Gi1_2985636_x210.....	Uuucgauucccggcgcggga.....	1
Gi5_6461919_x203.....	Uguucgauucccggcgcggag.....	1
Gi1_3010075_x201.....	uucgauucccggcgcggagc.....	0
Gi3_23506713_x201.....	caacagauccggguucgauucc.....	0
Gi2_8127732_x200.....	ggCucgauucccggcgcggagc.....	1
Gi3_23516931_x200.....	gguCcgauucccggcgcggagc.....	1
Gi2_8144076_x198.....	Uuucgauucccggcgcggga.....	1
Gi3_23560200_x197.....	gauccggguucgauucc.....	0
Gi3_23573973_x196.....	gCuucgauucccggcgcggagc.....	1
Gi3_23641643_x191.....	guucgauucccgUgcccggag.....	1
Gl1_4632800_x191.....	guucgauucccggcgcggagcC.....	1
Gi3_23694905_x188.....	Agguucgauucccggcgcggagc.....	1
Gi3_23697725_x188.....	ggGucgauucccggcgcggagc.....	1
Gl1_4644493_x187.....	guucgauucccggcgcggagc.....	0
Gi5_6557180_x187.....	ucaccaacagauccggguu.....	0
Gi2_8259226_x185.....	ccaacagauccggguuc.....	0

Gi3_23749033_x184.....gAuucgauucccggcgccggagc.....	1
Gl1a_4658536_x183.....gguucgauucccggcgcc.....	0
Gi1_3070143_x179.....agauccggguucgauuccc.....	0
Gi4_367620_x179.....guucgauucccggcgccgg.....	0
Gi5_6615364_x179.....Uuucgauucccggcgccggagc.....	1
Gi5_6632435_x177.....gguucgauucccggcgccggagcCu.....	1
Gi3_23865777_x176.....cgauucccggcgccggag.....	0
Gi1_3086057_x175.....Uuucgauucccggcgccgg.....	1
Gi3_23948305_x171.....guucgaCucccggcgccggag.....	1
Gi2_8390578_x170.....gUuucgauucccggcgccgga.....	1
Gi5_6685354_x169.....gUuucgauucccggcgccgg.....	1
Gi1_3103256_x169.....ucacccaacagauccgggu.....	0
Gi2_8419886_x166.....gGucgauucccggcgccgg.....	1
Gi2_8436782_x165.....gguucgauucccggcgccggGgc.....	1
Gi5_6719756_x164.....gauucccggcgccggagcC.....	1
Gl1a_4721617_x163.....guucgauucccggcgccgg.....	0
Gi3_24072831_x163.....gguucgauucccggcgccggagc.....	1
Gi5_6738710_x162.....guucgaCucccggcgccgg.....	1
Gi3_24090728_x162.....cgguucgauucccggcgccgga.....	0
Gi2_8472510_x161.....ucgauucccggcgccggag.....	0
Gi3_24111706_x161.....gGucgauucccggcgccgg.....	1
Gi5_6747445_x161uucacccaacagauccgggu.....	0
Gi3_24113960_x161.....gguucgauCcccggcgccggagc.....	1
Gi5_6756601_x160.....uucgauucccggcgccgg.....	0
Gi3_24150185_x159.....ucacccaacagauccggguuc.....	0
Gi3_24142553_x159.....gguucgauucccAgcgccggagc.....	1
Gi5_6778507_x158.....uccggguucgauucccggc.....	0
Gl1a_4740628_x157.ucacccaacagauccg.....	0
Gi2_8512592_x157.....gguucgaCucccggcgccggagc.....	1
Gi2_8518708_x156.....cgauucccggcgccggagcC.....	1
Gi1_3162430_x154.....gguucgauucccggcgccggagcCu.....	1
Gi5_6811730_x153.....guucgauucccggcgccggaCc.....	1
Gi1_3167020_x152.....Auucgauucccggcgccgg.....	1
Gi3_24263996_x151.....gguucgauucccggcgccggagcA.....	1
Gi3_24257654_x151.....Aguucgauucccggcgccggag.....	1
Gi2_8579332_x150.....agauccggguucgauucc.....	0
Gi3_24312302_x148.....gguucgauucccggcgcgAgggagc.....	1
Gi3_24331334_x147.....aucggguucgauucccggcgccgga.....	0
Gi1_3193841_x145.....guucgauuNccgggcgccgg.....	1
Gi3_24417877_x142.....guucgauucccggcgccggaC.....	1
Gi3_24415889_x142.....gguucAauucccggcgccggagc.....	1
Gi2_8670143_x142.....Cguucgauucccggcgccggagc.....	1
Gi5_6930592_x139.....auucccggcgccggagcC.....	1
Gi5_6938237_x139.....guucgauucccggcgccggagcCu.....	1
Gi2_8736673_x136.....gGucgauucccggcgccggag.....	1
Gi3_24512108_x136.....ggAucgauucccggcgccggagc.....	1
Gi2_8744776_x135.....guuUgauucccggcgccggag.....	1

Gi1_3244829_x134.....Uuucgauucccgccgagc.....	1
Gi3_24551410_x134.....ggguucgauucccgccgagc.....	0
Gi5_6979068_x134.....gguucgauUccggcgccgg.....	1
Gi5_6975584_x134.....gUuucgauucccgccgag.....	1
Gi3_24559584_x134uucacccaacagauccggguuc.....	0
Gi1_3258716_x131..cucacccaacagauccCg.....	1
Gi3_24613453_x131.....gguuUgauucccgccgagc.....	1
Gi5_7003636_x131.....gGucgauucccgccgag.....	1
Gi5_7008202_x130.....gUuucgauucccgccgccc.....	1
Gi1_3271991_x127.....guCcgauucccgccgag.....	1
Gi5_7036657_x127.....guucgaCuccggcgccg.....	1
Gi3_24687352_x126.....Aguucgauucccgccgag.....	1
Gi3_24694660_x126.....gguucgauucccgccgagA.....	1
Gi3_24739411_x123.....gguucgauNccggcgccgag.....	1
Gi3_24749611_x122.....gguucgauucccgccgUggagc.....	1
Gi2_8905500_x121.....gguCcgauucccgccgagc.....	1
Gi3_24812582_x119.....caacagauccggguucga.....	0
Gi1_3311683_x118.....Uguucgauucccgccgagc.....	1
Gi5_7131131_x117.....Cguucgauucccgccgccc.....	1
Gi2_8951030_x117.....Uguucgauucccgccgagc.....	1
Gi3_24835557_x117.....gguucgauNccggcgccgag.....	1
Gi1_3326847_x115Gucucacccaacagauccg.....	1
Gi3_24942169_x111.....gguucgauucccgccgagCc.....	1
Gi2_9037156_x110.....ucgauucccgccgagc.....	0
Gi5_7223837_x108Gucucacccaacagauccg.....	1
Gi3_25015334_x107.....ggguucgauucccgccgag.....	0
Gi3_25009663_x107.....Uauuccggcgccgagc.....	1
Gi3_25019293_x107.....guucgaCuccggcgccg.....	1
Gi1_3358450_x107Gucucacccaacagauccg.....	1
Gi1_3372775_x105.....gGucgauucccgccgag.....	1
Gi4_415438_x105.....gguucgauucccgccgagc.....	0
Gi5_7247474_x105.ucucacccaacagauccgggu.....	0
Gi1a_4940392_x105.....uucgauucccgccgagc.....	0
Gi2_9109341_x104.....gGucgauucccgccgag.....	1
Gi2_9115834_x103.....gguucgGuuccggcgccgagc.....	1
Gi3_25104011_x102.....gguAcgauucccgccgagc.....	1
Gi5_7296674_x101.....gguucgauucccgccgagcgu.....	0
Gi3_25119990_x101.....gguucgCuuccggcgccgagc.....	1
Gi2_9144974_x100.....cgauucccgccgagcguuA.....	1
Gi3_25155666_x99Gucucacccaacagauccg.....	1
Gi1_3403571_x98.....gUuucgauucccgccgagc.....	1
Gi3_25193808_x97uGucucacccaacagauccg.....	1
Gi1_3410380_x97.....gguucgauucccgccgagcU.....	1
Gi2_9186957_x97.....guucgaCuccggcgccg.....	1
Gi1_3412405_x96.....gguucgauucccgccgccc.....	0
Gi1_3412885_x96.....gguucgauucccgccgAg.....	1
Gi5_7369994_x94.....gCucgauucccgccgagc.....	1

Gi3_25246829_x94.....	agauccggguucgauucc.....	0
Gi3_25254537_x94.....	gguucgauucUcggcgccggagc.....	1
Gi1_3431858_x93.....	Cuucgauucccggcgccgg.....	1
Gi3_25304938_x91.....	gguucgauucccggcgcUcggagc.....	1
Gi3_25293472_x91.....	Auucgauucccggcgcgccga.....	1
Gi1_3443389_x90.....	Agguucgauucccggcgccgg.....	1
Gi5_7424212_x89.....	acagauccggguucgauucccggcgc.....	0
Gi2_9277568_x89.....	gAuucgauucccggcgccggagc.....	1
Gi1_3455056_x88.....	guucgGuucccggcgccgg.....	1
Gi5_7436018_x88.....	gGucgauucccggcgccggagc.....	1
Gi2_9296624_x87.....	ggGucgauucccggcgccggagc.....	1
Gi1_3464465_x86.....	Uguucgauucccggcgccg.....	1
Gi3_25413852_x85.....	ccaacagauccggguucgauucc.....	0
Gi3_25418899_x84.....	Auucgauucccggcgccggagc.....	1
Gi3_25425115_x84.....	cagauccggguucgauucccggcgccgg.....	0
Gi3_25423855_x84.....	gguucgauucccggcAccggagc.....	1
Gi3_25424863_x84.....	gguucgauucccggcgcAggagc.....	1
Gi5_7492827_x83.....	Agguucgauucccggcgccggagc.....	1
Gi2_9348290_x83.....	cucaccaacagauccgg.....	0
Gi1a_5050925_x83.....	Uguucgauucccggcgccggagc.....	1
Gi5_7506722_x82.....	gguucgauucccggcgccggagcguu.....	0
Gi1_3484149_x82.....	guucAauucccggcgccgg.....	1
Gi3_25469201_x81.....	gguucgauuccUgcgccggagc.....	1
Gi1_3491081_x81.....	guucgauucccggcgccAg.....	1
Gi3_25483376_x81.....	gguucgauucccggcgccAgagc.....	1
Gi3_25483214_x81.....	gguucgauucccggcgccggG.....	1
Gi2_9378699_x80.....	uucgauucccggcgccggag.....	0
Gi3_25486936_x80.....	ggCucgauucccggcgccggga.....	1
Gi3_25504765_x79.....	guucgauucccggcgccggGg.....	1
Gi1_3506059_x78uGcucaccaacagauccg.....	.....	1
Gi1_3501457_x78.....	guuUgauucccggcgccgg.....	1
Gi2_9417028_x77.....	ggAucgauucccggcgccggagc.....	1
Gi1_3510223_x77.....	gGucgauucccggcgccg.....	1
Gi1_3506604_x77.....	guucUauucccggcgccgg.....	1
Gi4_442433_x77.....	guucgauucccggcgccggga.....	0
Gi2_9414179_x77.....	Auucgauucccggcgccgg.....	1
Gi5_7559961_x77.....	cgauucccggcgccggagcguuuc.....	0
Gi3_25568178_x76.....	gguucgauucccggcgccggagU.....	1
Gi1_3511686_x76uGcucaccaacagauccg.....	.....	1
Gi3_25594935_x75.....	guucgauuNccggcgccggga.....	1
Gi2_9443182_x75.....	gguuUgauucccggcgccggagc.....	1
Gi5_7589840_x74.....	guucgaCuccggcgccggagc.....	1
Gi3_25621492_x73.....	Auucgauucccggcgccgg.....	1
Gi3_25620397_x73.....	guucgauuNccggcgccgg.....	1
Gi3_25652418_x72.....	gguucgauuUccggcgccggagc.....	1
Gi5_7616829_x72uucucaccaacagauccggguuc.....	.....	0
Gi2_9477623_x72.....	cgauucccggcgccggagcguuuc.....	0

Gi1a_5110245_x71.....cgauucccggcgcggagcC.....	1
Gi1_3538184_x71.....gGucgauucccggcgcggagc.....	1
Gi1_3539746_x71.....guucgauucccgUgccgg.....	1
Gi2_9490621_x71.....gCuucgauucccggcgcggagc.....	1
Gi1_3536125_x71.....Uguucgauucccggcgcggga.....	1
Gi3_25661387_x71.....Cguucgauucccggcgcggga.....	1
Gi3_25659541_x71.....ggguucgauucccggcgcggga.....	0
Gi3_25690730_x70.....guucgGuucccggcgcggga.....	1
Gi1a_5117872_x70.....guucgauucccggcgcgg.....	0
Gi4_448843_x70..cucaccaacagauccggguucg.....	0
Gi2_9498941_x70.....gguucgauucccggcgAcggagc.....	1
Gi2_9499641_x70uucucaccaacagauccgg.....	0
Gi3_25706398_x69.....guucgauucccggcgcggG.....	1
Gi2_9511814_x69.....gUuucgauucccggcgcgg.....	1
Gi3_25693495_x69.....gCucgauucccggcgcgg.....	1
Gi3_25697014_x69.....ggCucgauucccggcgcggag.....	1
Gi2_9507881_x69.....gguucgauucccggcgcggagA.....	1
Gi5_7659095_x68.....gguucgauNcccggcgcggagc.....	1
Gi2_9519724_x68.....gguucgauucccAgcgcggagc.....	1
Gi5_7667663_x68.....Auucgauucccggcgcgg.....	1
Gi3_25725127_x68.....Aguucgauucccggcgcgg.....	1
Gi2_9536503_x67.....gguucgauCcccggcgcggagc.....	1
Gi5_7668269_x67.....gguucgauucccggcgcggAg.....	1
Gi5_7687168_x66.....ucgauucccggcgcggga.....	0
Gi1_3561746_x66.....guucgauCcccggcgcgg.....	1
Gi5_7680238_x66.....ggguucgauucccggcgcggagc.....	0
Gi1_3559898_x66.....guucgauucccAgcgcgg.....	1
Gi5_7691722_x66.....cagauccggguucgauucccggcgcgg.....	0
Gi2_9546257_x66.....gguucAauucccggcgcggagc.....	1
Gi5_7698366_x65.....ccggguucgauucccggcgcggga.....	0
Gi3_25769037_x65.....gCucgauucccggcgcggagc.....	1
Gi3_25791259_x64.....Cguucgauucccggcgcggag.....	1
Gi2_9571513_x64uucucaccaacagauccggguucg.....	0
Gi1_3572008_x64.....caacagauccggguucgauucccggc.....	0
Gi1_3573800_x64.....guucgauucccggcgcUgg.....	1
Gi2_9577273_x64.....Auucgauucccggcgcggagc.....	1
Gi2_9578297_x64.....cgauucccggcgcggagcguuu.....	0
Gi3_25813920_x63.....guucgauucccggcgcggCgc.....	1
Gi5_7721679_x63.....gguucgauucccggcgcggagcguuu.....	0
Gi5_7726656_x63.....Auucgauucccggcgcgg.....	1
Gi3_25805856_x63.....gguucgauucccggcgcggagcG.....	1
Gi2_9582921_x63.....guucgaCucccggcgcgg.....	1
Gi1_3575068_x63.....gUuucgauucccggcgcgg.....	1
Gi1a_5165112_x62uucucaccaacagauccgg.....	0
Gi3_25833123_x62.....gguucgauucccgUgccc.....	1
Gi3_25836223_x62.....gguucgauucccggcgcAg.....	1
Gi3_25833619_x62.....gguucgauucccggcgcggAagc.....	1

Gi3_25826303_x62.....	guucGGuuccggcgccggagc.....	1
Gi2_9593361_x62.....	gguucgauuccggcgccggGg.....	1
Gi1_3588041_x61.....	guucgauuccUggcgccgg.....	1
Gi1_3588651_x61.....	cagauccggguucgauuccggcgcc.....	0
Gi1_3585662_x61.....	caccaacagauccggguucgauucc.....	0
Gi3_25847533_x61.....	gguucgauuccggcgccggGg.....	1
Gi2_9614597_x61.....	gguucgauuccUggcgccggagc.....	1
Gi3_25870549_x60.....	gguucgauuccAggcgccggagc.....	1
Gi5_7764076_x60uGcucaccaacagauccg.....		1
Gi3_25867609_x60.....	gguucgauNcccggcgccg.....	1
Gi2_9636740_x59.....	guucgauuccggcgccggagcCu.....	1
Gi5_7768413_x59.....	cgauuccggcgccggagcguuuA.....	1
Gi2_9646919_x58.....	Aguucgauuccggcgccggag.....	1
Gi3_25900812_x58Gucucaccaacagauccg.....		1
Gi5_7785515_x58.....	gguucgauuccggcgccggCgc.....	1
Gi3_25913050_x58.....	gCucgauuccggcgccggga.....	1
Gi2_9663188_x57.....	guucgauuNcccggcgccggagc.....	1
Gi3_25956726_x56.....	Aguucgauuccggcgccgg.....	1
Gi2_9670686_x56.....	gCucgauuccggcgccggagc.....	1
Gi2_9671918_x56.....	Uauuccggcgccggagc.....	1
Gi2_9670070_x56.....	uucgauuccggcgccgga.....	0
Gi3_25948550_x56.....	guCcgauuccggcgccgg.....	1
Gi3_25940150_x56.....	guucgauuccggcgccggagcA.....	1
Gi3_25942054_x56.....	gguucgauuccggcgccggAc.....	1
Gi3_25954822_x56.....	gguucgaCuccggcgccgga.....	1
Gi5_7824359_x55.....	gCucgauuccggcgccgg.....	1
Gi3_25969945_x55.....	gguucgauuccggcgUggag.....	1
Gi2_9702216_x54.....	gguucgauuccggcAccggagc.....	1
Gi2_9697464_x54Gucucaccaacagauccg.....		1
Gi3_25983306_x54.....	cUauuccggcgccggagc.....	1
Gi3_26016048_x53.....	gguucgauuccggAgccggagc.....	1
Gi3_26031092_x52.....	Gcgauuccggcgccggagc.....	1
Gi3_26033432_x52.....	Cuucgauuccggcgccggga.....	1
Gi1_3633854_x52.....	guucgauuccggcAccgg.....	1
Gi3_26032808_x52.....	cgauuccggcgccggagcguuuA.....	1
Gi5_7874053_x51.....	gguucgauuccggcgccggagcA.....	1
Gi3_26052100_x51.....	gguucgauuccgAcgccggagc.....	1
Gi1_3640695_x51.....	guucgauuccggcgAgg.....	1
Gi3_26049448_x51.....	Cuucgauuccggcgccgg.....	1
Gi5_7864261_x51.....	ggCucgauuccggcgccggagc.....	1
Gi3_26077436_x50.....	gguucgauuccggcgccggagcU.....	1
Gi3_26064286_x50.....	gguucgauNcccggcgccg.....	1
Gi3_26069236_x50.....	Cguucgauuccggcgccg.....	1
Gi3_26077036_x50.....	guucgauuNcccggcgccggagc.....	1
Gi3_26058286_x50.....	gCuucgauuccggcgccggag.....	1
Gi2_9747145_x50.....	gguucgauuccggcgAggagc.....	1
Gi3_26057686_x50.....	gguuGgauuccggcgccggagc.....	1

Gi1_3642664_x50.....	guucgauucUcggcgccgg.....	1
Gi2_9757944_x49.....	guucgauucccgccAga.....	1
Gi1_3647301_x49.....	gguucgauNcccggcgccgg.....	1
Gi3_26079272_x49.....	guucgGuucccgccgg.....	1
Gi1_3647644_x49.....	auccggguucgauucccgccgga.....	0
Gi3_26081820_x49.....	gAuucgauucccgccggag.....	1
Gi2_9755445_x49.....	gguucgauucccgccggagcCu.....	1
Gi1_3652936_x49.....	gguucgauCcccgccgg.....	1
Gi5_7897160_x49.....	Uauucccgccggagc.....	1
Gi1_3657785_x48.....	Aguucgauucccgccgg.....	1
Gi3_26113280_x48.....	gguucgauCcccgccgg.....	1
Gi1_3653081_x48.....	guucgauucccgccggagcA.....	1
Gi2_9772973_x48.....	gguucgCuucccgccggagc.....	1
Gi2_9773741_x48.....	Aguucgauucccgccgg.....	1
Gi2_9777389_x48.....	guCcgauucccgccgg.....	1
Gi2_9784714_x47.....	gguucgauucccgccggagU.....	1
Gi3_26130456_x47.....	gguucgGuucccgccggag.....	1
Gi5_7923906_x47.....	gguucgauucccCgcccggag.....	1
Gi1_3662555_x47.....	guucgauucccgccgUcgg.....	1
Gi2_9784902_x47.....	guucgauucccgccggcCgc.....	1
Gi2_9796478_x46.....	guucgauucccgccggGgc.....	1
Gi3_26153973_x46.....	ggguucgauucccgccgg.....	0
Gi5_7937975_x46.....	Cuucgauucccgccgg.....	1
Gi3_26152501_x46.....	gguucgauCcccgccggag.....	1
Gi5_7938021_x46.....	guucgauuNcccggccgg.....	1
Gi1a_5280140_x46.....	gUuucgauucccgccggagc.....	1
Gi3_26153651_x46.....	gguucgauuUccggccggag.....	1
Gi5_7940367_x46.....	guucgGuucccgccgg.....	1
Gi2_9805034_x46.....	gguucgauucccgUgcccggagc.....	1
Gi2_9809439_x45.....	Gcgauucccgccggagc.....	1
Gi2_9814704_x45.....	gguucgauucccgccUggagc.....	1
Gi2_9809574_x45.....	gguucgauucccgAcgcccggagc.....	1
Gi5_7946502_x45.....	guCcgauucccgccgg.....	1
Gi3_26186901_x44.....	gguucgauucccAgcggcga.....	1
Gi2_9825942_x44.....	gguucgauucccgccggagcA.....	1
Gi1_3679485_x44.....	guGcgauucccgccgg.....	1
Gi5_7956443_x44Cucucacccaacagauccg.....		1
Gi1a_5301606_x43.....	Uguucgauucccgccggag.....	1
Gi5_7973936_x43.....	guucgauuNcccggccgg.....	1
Gi2_9841797_x43.....	guCcgauucccgccggagc.....	1
Gi3_26228521_x42.....	guCcgauucccgccggagc.....	1
Gi5_7989610_x42.....	gguucgauucccgccggagcA.....	1
Gi2_9852685_x42.....	gguucgauucUcggccggagc.....	1
Gi5_7984822_x42.....	cacccaacagauccggguucga.....	0
Gi2_9851257_x42.....	cggguucgauucccgccgg.....	0
Gi2_9858523_x42.....	gguucgauucccgccAgagc.....	1
Gi1_3695766_x41.....	guAcgauucccgccgg.....	1

Gi5_7993863_x41.....	Aguucgauucccggcgcccg.....	1
Gi3_26252492_x41.....	gguucgauucccggcgcccgUgc.....	1
Gi5_7996569_x41.....	gguucgauNcccggcgcccg.....	1
Gi2_9863452_x41.....	guucgaCucccggcgcccggag.....	1
Gi3_26260364_x41.....	auccggguucgauucccggcgcccggagc.....	0
Gi1_3697317_x40.....	gUuucgauucccggcgcccgga.....	1
Gi1_3698477_x40.....	guucgauucccgAcgcccg.....	1
Gi3_26263930_x40.....	gCuucgauucccggcgcccgga.....	1
Gi3_26276090_x40.....	guucgauucccggcgcccAga.....	1
Gi3_26276010_x40.....	gguucgauAcccggcgcccggagc.....	1
Gi3_26299059_x39.....	Cuucgauucccggcgcccggagc.....	1
Gi3_26305572_x39.....	gguucgauucAcggcgcccggagc.....	1
Gi3_26305026_x39.....	agauccggguucgauucccggcgcccggagcC.....	1
Gi3_26283693_x39.....	gguucgaCucccggcgcccggag.....	1
Gi5_8026280_x39.....	guucgauucccggcAccgg.....	1
Gi2_9893236_x39.....	Cuucgauucccggcgcccgg.....	1
Gi3_26320318_x38.....	gguucgauucccggcAccgg.....	1
Gi2_9911093_x38.....	guucgauuNcccggcgcccg.....	1
Gi3_26326702_x38.....	guucgauucccgUgcccg.....	1
Gi3_26311426_x38.....	gguucgauucccggcgcccgCg.....	1
Gi2_9913069_x38.....	gguucgauNcccggcgcccggag.....	1
Gi3_26318608_x38.....	gguucgGuucccggcgcccgga.....	1
Gi2_9912081_x38.....	guucgaCucccggcgcccgga.....	1
Gi2_9905051_x38.....	uccggguucgauucccggcgcccgga.....	0
Gi2_9909383_x38.....	guucgGuucccggcgcccggagc.....	1
Gi5_8031125_x38.....	guucgauucccggcgccA.....	1
Gi5_8033481_x38.....	accacaacagauccggguucgauucc.....	0
Gi1_3709984_x38.....	gUuucgauucccggcgcccggag.....	1
Gi2_9916965_x37.....	Aguucgauucccggcgcccg.....	1
Gi3_26335638_x37.....	gguucgauucccggcgccA.....	1
Gi3_26349402_x37.....	gguucgauucccggcgcccAag.....	1
Gi1_3715031_x37.....	guucgauucccggcgcccggag.....	0
Gi1_3717732_x37.....	guucgauucccggcgAcg.....	1
Gi2_9923107_x37.....	gguucgauNcccggcgcc.....	1
Gi3_26331161_x37.....	Auucgauucccggcgcccggag.....	1
Gi3_26345147_x37.....	ggAucgauucccggcgcccgga.....	1
Gi2_9924698_x37.....	gguucgauucccggcgAc.....	1
Gi5_8052664_x37.....	Cguucgauucccggcgcccggagc.....	1
Gi5_8046744_x37.....	gguucgauNcccggcgcccgga.....	1
Gi5_8055436_x36.....	guuucccgccuuccuucgucu.....	0
Gi3_26372855_x36.....	gguucgauucccggcgcccgC.....	1
Gi5_8058424_x36.....	cucacccCacagauccgg.....	1
Gi2_9929187_x36.....	gguucgauucccgAgcccggagc.....	1
Gi1_3721587_x36.....	cucacccaacagauccggguucgauucc.....	0
Gi3_26352083_x36.....	guucgauucccggcgcccgGgc.....	1
Gi3_26352767_x36.....	gguucgauucccgUgcccgga.....	1
Gi2_9939771_x36.....	gguucgauucccggcgcccggaAc.....	1

Gi3_26359031_x36.....	gguucgauucccgccAccgga.....	1
Gi2_9939159_x36.....	gguucgauucccgccgAgc.....	1
Gi3_26353271_x36uGcucacccaacagauccgg.....		1
Gi3_26361443_x36.....	gguCcgauucccgccgAgc.....	1
Gi1_3728247_x35.....	guucgauucccgAgcgg.....	1
Gi3_26393525_x35.....	guucgauuccAgcgg.....	1
Gi3_26377950_x35.....	guCcgauucccgccgga.....	1
Gi5_8072429_x35.....	Cuucgauucccgccg.....	1
Gi3_26394540_x35.....	guucAauucccgccg.....	1
Gl1a_5365600_x35.....	guucgauucccgccgga.....	0
Gi5_8077714_x35.....	guucUauucccgccg.....	1
Gi2_9949979_x35.....	gguuGgauucccgccgAgc.....	1
Gi3_26381415_x35.....	agauccggguucgauucccgccgAgc.....	0
Gi5_8068229_x35.....	guucgaCucccgccgga.....	1
Gi3_26394120_x35.....	uccggguucgauucccgccg.....	0
Gi3_26384355_x35.....	ggCucgauucccgccg.....	1
Gi2_9956477_x34.....	gguucgauuccUgcgggAgc.....	1
Gi3_26413068_x34.....	gguucgauuccAgcgggAgc.....	1
Gi5_8085025_x34..	cGcaccacagauccgg.....	1
Gi3_26398108_x34uCcucacccaacagauccg.....		1
Gi5_8085535_x34.....	guCcgauucccgccg.....	1
Gi2_9967459_x34.....	gguucgauuUccggccgAgc.....	1
Gi2_9958755_x34.....	Aguucgauucccgccgga.....	1
Gi3_26414972_x34.....	guucgauuccggUgcggga.....	1
Gi2_9965147_x34.....	gguucgauNccggccg.....	1
Gi3_26424136_x33.....	gguCcgauucccgccgga.....	1
Gi3_26434465_x33.....	guucgauucccgccA.....	1
Gi3_26442022_x33.....	guucgauucccgccAg.....	1
Gi2_9980106_x33.....	gguucgauuccggUcggAgc.....	1
Gi1_3738717_x33.....	uccggguucgauucccgccgga.....	0
Gi2_9982581_x33.....	gguucgauAccggccgAgc.....	1
Gi3_26428129_x33.....	gguucgauuccUgcggccgga.....	1
Gi5_8105061_x33.....	gguucgGuuccggccgAgc.....	1
Gi3_26426050_x33.....	guucUauucccgccg.....	1
Gi5_8097372_x33.....	gguucgauuccggccgGgc.....	1
Gi1_3743568_x33uucucaccNaacagauccg.....		1
Gi3_26426809_x33.....	Aguucgauucccgcc.....	1
Gi2_9978951_x33.....	gguucgauuccggccgAgc.....	1
Gi5_8099451_x33.....	guucgauuccggcUg.....	1
Gi1_3745344_x32.....	guucgauuccUcggcgg.....	1
Gi3_26468638_x32uucucacccaCagauccg.....		1
Gi3_26450590_x32.....	gguUgauuccggccgga.....	1
Gi3_26446270_x32.....	acagauccggguucgauucccgccg.....	0
Gi3_26466494_x32.....	ggGucgauuccggccgAgc.....	1
Gi3_26457758_x32.....	gguucgauuAccggccgAgc.....	1
Gi5_8108550_x32.....	gAuucgauuccggccgAgc.....	1
Gi3_26460286_x32.....	gAuucgauuccggccgga.....	1

Gi5_8111366_x32..cucacccaNcagauccgg.....	1	
Gi3_26469278_x32.....gguucgauucccgccgUgga.....		1
Gi3_26457918_x32.....ggGucgauucccgccgcca.....		1
Gi2_10011860_x31.....guucgauucccgccgC.....		1
Gi3_26473655_x31.....guucgauCcccgccgccc.....		1
Gi5_8126192_x31.....gguucgaCucccgccgcccgagc.....	1	
Gi3_26475019_x31.....guucgauCcccgccgcca.....		1
Gi1_3754020_x31uuUucacccaacagauccg.....	1	
Gi1_3754578_x31.....gguucgauucccgccgcca.....	0	
Gi3_26491728_x31.....guucgauuccUggcgccc.....		1
Gi3_26480072_x31.....gguucgaCucccgccgccc.....		1
Gi3_26477902_x31.....agauccggguucgauucccgccgcccgag.....		0
Gi3_26487574_x31.....gguuAgauucccgccgcccgagc.....		1
Gi5_8130315_x31.....guucgauucccgccAaccg.....	1	
Gi2_9999863_x31.....Cuucgauucccgccgcccgagc.....	1	
Gi3_26472911_x31.....guuUgauucccgccgccc.....		1
Gi3_26478336_x31.....guucUauucccgccgccc.....		1
Gl1a_5399946_x30.....Uguucgauucccgccgccc.....	1	
Gi2_10018675_x30.....guucgauucccAgcggcccgagc.....		1
Gi3_26516520_x30.....guucgauucccgccgUcgga.....		1
Gi1_3758705_x30..cucacccaacagauccggguucga.....	0	
Gi3_26506200_x30.....gguucAauucccgccgcccgga.....		1
Gi1_3758915_x30.....auccggguucgauucccgccgccc.....	0	
Gi3_26512770_x30.....guucgauucccAgcggcccgga.....		1
Gi2_10028005_x30.....Cguucgauucccgccgccc.....		1
Gi1_3756845_x30.....aacagauccggguucgauucccgccgccc.....	0	
Gi2_10024765_x30uucacccaacGgauccg.....		1
Gi5_8141425_x30.....gguucgauucccgccgcccgC.....	1	
Gi5_8137855_x30.....guucgauuccUggcgccc.....	1	
Gi2_10032948_x29.....cagaucggguucgauucccgccgcccgag.....		0
Gi3_26538688_x29.....gguucgauucccgccgCgcccgagc.....		1
Gi3_26527030_x29.....guucgauucccgccgUgga.....		1
Gi3_26542980_x29.....gguucgauucccgccgAcggag.....		1
Gi5_8148740_x29....acccaacagauccggguucgauuccc.....	0	
Gi1_3767858_x29.....guucgauucccgccgcccCg.....	1	
Gi5_8152887_x29.....guucgauuccUggcgccc.....	1	
Gi3_26537209_x29.....guucgauuNccggccgcccgag.....		1
Gi3_26539645_x29.....Gucgauucccgccgcccgagc.....		1
Gi5_8150915_x29.Gcucacccaacagauccg.....	1	
Gi1_3764610_x29.....guucgauucccgccgcccgagcgA.....	1	
Gi1_3767597_x29.....guucgauuUccggccgccc.....	1	
Gi5_8144825_x29.....guucgGuucccgccgccc.....	1	
Gi1_3764407_x29....acccaacagauccggguucgauuccc.....	0	
Gi3_26528828_x29.....guucAauucccgccgcccgga.....		1
Gi2_10029874_x29.....gguCcgauucccgccgccc.....		1
Gi3_26555953_x28.....guucgauuccUggcgcccgagc.....		1
Gi5_8162657_x28.....gCuucgauucccgccgcccgagc.....	1	

Gi5_8160949_x28.....	gguucgauNcccggcgccggag.....	1
Gi1_3770940_x28.....	Uguucgauucccgcgccggag.....	1
Gi5_8156945_x28.....	guucgauucccgcgUcgg.....	1
Gi3_26554693_x28.....	gguucgauucccgcgAcgga.....	1
Gi5_8158877_x28uucacacNaacagauccg.....		1
Gi3_26556541_x28.....	guucgauucccgcgAcgga.....	1
Gi2_10045729_x28.....	guucgauuccUggcgccggagc.....	1
Gi3_26554441_x28.....	cucaccaacagauccggguucgauucc.....	0
Gi2_10045757_x28.....	gguuAgauucccgcgccggagc.....	1
Gi2_10046429_x28.....	gguucgauuccAcggcgccggagc.....	1
Gi3_26547861_x28.....	guucGGuuccggcgccggag.....	1
Gi5_8166913_x28.....	gguucgauucccgcgAc.....	1
Gi2_10055053_x28.....	gguucgauucccgcgccggG.....	1
Gi3_26590710_x27.....	aacagauccggguucgauucccgcgccgga.....	0
Gi1_3780354_x27.....	gguucgauucccgcgccgU.....	1
Gi3_26577156_x27.....	guucgaGuucccgcgccggagc.....	1
Gi3_26587578_x27.....	gguucgauucccgcgccAga.....	1
Gl1_5426177_x27.....	Uguucgauucccgcgccgg.....	1
Gi2_10059158_x27.....	guucUauuccggcgccgg.....	1
Gi3_26588604_x27.....	gguucgauucccgcgAcgga.....	1
Gi5_8169947_x27.....	gauccggguucgauucccgcgccgga.....	0
Gi2_10067744_x27.....	guucgauucccgcgAcgga.....	1
Gi3_26578533_x27.....	cucaccaacagauccggguucgau.....	0
Gi3_26585094_x27.....	ggAucgauucccgcgccggag.....	1
Gi5_8170649_x27.....	guucgauCcccggcgccg.....	1
Gi3_26582799_x27.Gcucaccaacagauccg.....		1
Gi1_3776601_x27.....	guucgaCuuccggcgccgga.....	1
Gi3_26592168_x27.....	guucgauuccAcgcgccggagc.....	1
Gi5_8186590_x26.....	guucgauuccAcgcgccg.....	1
Gi5_8191868_x26..Gucaccaacagauccg.....		1
Gi5_8194208_x26.....	gguucgauucccgUgcc.....	1
Gi5_8183444_x26.....	guGcgauucccgcgccg.....	1
Gi5_8186200_x26.....	guucgauucccgUgccg.....	1
Gi3_26596267_x26.....	guucgauucccgcgAcgga.....	1
Gi1_3785741_x26uucacaccaCcagauccg.....		1
Gi3_26600531_x26.....	acagauccggguucgauucccgcgccggagc.....	0
Gi2_10076679_x26.....	guucGGuuccggcgccgg.....	1
Gi2_10082815_x26uGcucaccaacagauccg.....		1
Gi3_26621123_x26.....	Gucgauucccgcgccgga.....	1
Gi3_26601935_x26.....	gguucgauuccUcggcgccggag.....	1
Gi1_3781945_x26.....	guucgauucccgcgccgA.....	1
Gi5_8207059_x25.....	guucgauucccgcgccAg.....	1
Gl1_5444687_x25.....	gUucgauucccgcgccggag.....	1
Gi2_10104647_x25.....	guucgauucccgcgccAg.....	1
Gi3_26633193_x25.....	gguucgauNcccggcgcc.....	1
Gi3_26649193_x25.....	gguucgauucccgUgccggag.....	1
Gi3_26621768_x25.....	gguucgCuucccgcgccgga.....	1

Gi1a_5450987_x25.....Uguucgauucccgccgcca.....	1	
Gi5_8197809_x25.....Aguucgauucccgccgcca.....	1	
Gi2_10090447_x25.....guucgauuccUggcgccgg.....		1
Gi1_3792481_x25uuUucaccaacagauccg.....	1	
Gi3_26638018_x25.....gguucgauuccAgggccgg.....		1
Gi2_10095222_x25.....guuUgauucccgccgagc.....		1
Gi3_26624893_x25.....guucgauuccUggcgccg.....		1
Gi2_10100072_x25.....gguucgauNcccgccgcca.....		1
Gi5_8200709_x25uuUucaccaacagauccg.....	1	
Gi1_3790881_x25.....gAucgauucccgccgcca.....	1	
Gi2_10100297_x25.....aacagauccggguucgauucccgccgcca.....		0
Gi3_26647618_x25.....gguuUgauucccgccgagc.....		1
Gi2_10097647_x25.....gguucgauucccgUgcca.....		1
Gi3_26645368_x25.....guucgauucccgccAccg.....		1
Gi1_3790131_x25.....guucgaCucccgccgcca.....	1	
Gi3_26640343_x25.....guucgauuccGccgcccggagc.....		1
Gi5_8203184_x25.....gguuUgauucccgccgagc.....	1	
Gi3_26675528_x24.....gguucgauucccgccgUg.....		1
Gi3_26665520_x24.....gguucgaCucccgccgcca.....		1
Gi5_8218584_x24.....guucgauucccgccgagcguuucc.....		0
Gi1_3798686_x24.....gguucgaCucccgccgcca.....	1	
Gi3_26675624_x24.....guucgauCcccgccgagc.....		1
Gi2_10115803_x24.....guucgauucccgUgcccggagc.....		1
Gi3_26663672_x24.....gguucAauucccgccgagc.....		1
Gi3_26674952_x24.....gguucgauucccgccgUcgg.....		1
Gi3_26658896_x24.....guucgauucccgccgUcgg.....		1
Gi3_26671712_x24.....gguuUgauucccgccgcca.....		1
Gi3_26666672_x24.....aUaucggguucgauucc.....		1
Gi2_10137065_x23.....gCucgauucccgccgcca.....		1
Gi3_26687230_x23.....ggGucgauucccgccgcca.....		1
Gi4_499827_x23.....Uguucgauucccgccgcca.....	1	
Gi5_8227343_x23.....gguucgauuccAgccgagc.....	1	
Gi5_8228263_x23.....gguucgauuccUggcgccgagc.....	1	
Gi5_8228700_x23.....guucAauucccgccgcca.....	1	
Gi3_26708827_x23uuUucaccaacagauccg.....		1
Gi5_8223571_x23.....guucgauucccgccgagcA.....	1	
Gi2_10128003_x23.....guucUauucccgccgagc.....		1
Gi5_8231069_x23.....guucUauucccgccgcca.....	1	
Gi3_26687529_x23.....gguAcgauucccgccgagc.....		1
Gi5_8223433_x23Gucucaccaacagauccg.....	1	
Gi3_26697948_x23.....gguucgauuccUggcgccgcca.....		1
Gi5_8220144_x23.....guuUgauucccgccgcca.....	1	
Gi5_8229942_x23.....Cguucgauucccgccgcca.....	1	
Gi4_499091_x23.....gUuucgauucccgccgcca.....	1	
Gi3_26697833_x23.....gguucgauCcccgccgcca.....		1
Gi5_8222398_x23.....guucgauucccgccgagcA.....	1	
Gi1_3800485_x23.....guucgauucccgccgccaU.....	1	

Gi3_26701122_x23.....	guucgauucccgAcgccggagc.....	1
Gi1_3799979_x23.....	guucgCuucccgccgcccgg.....	1
Gi3_26740848_x22.....	gguCcgauucccgccgcccgg.....	1
Gi3_26717924_x22.....	uGcgauucccgccgcccga.....	1
Gi3_26711566_x22.....	guucgauucccAgcgcccggag.....	1
Gi3_26731828_x22.....	gguCcgauucccgccgcccgg.....	1
Gi3_26730772_x22.....	gguucgauucccUgcgccgga.....	1
Gi3_26726196_x22.....	Cguucgauucccgccgcccgg.....	1
Gi3_26713986_x22uuUucaccaacagauccgg.....	.....	1
Gi2_10139948_x22.....	guucgauucccgccgcccggG.....	1
Gi3_26728792_x22.....	gguNcgauucccgccgcccggagc.....	1
Gi3_26718166_x22.....	guAcgauucccgccgcccga.....	1
Gi1_3813437_x22.....	gAuucgauucccgccgcccgg.....	1
Gi5_8240427_x22.....	gguucgauNcccggccgcccgg.....	1
Gi2_10147758_x22.....	Cguucgauucccgccgcccggag.....	1
Gi1_3808399_x22uucucaccUaacagauccgg.....	.....	1
Gi3_26716120_x22.....	gCucgauucccgccgcccggag.....	1
Gi3_26725954_x22.....	gguucgauucccgccgcccAgga.....	1
Gi1_3811083_x22uucucacccaCcagauccgg.....	.....	1
Gi3_26709784_x22.....	guAcgauucccgccgcccgg.....	1
Gi2_10140696_x22.....	guGcgauucccgccgcccgg.....	1
Gi3_26727450_x22.....	cGcaccacaacagauccgg.....	1
Gi3_26727098_x22.....	guucAauucccgccgcccggagc.....	1
Gi3_26717066_x22.....	gguucgGuucccgccgcccgg.....	1
Gi1_3812227_x22.....	guucgauucccgccgcccG.....	1
Gi2_10138452_x22.....	guuUgauucccgccgcccgg.....	1
Gi3_26728088_x22.....	guucgauucccgccgcccAgga.....	1
Gi5_8234575_x22.....	Aguucgauucccgccgccc.....	1
Gi2_10151036_x22.....	uGgauucccgccgcccggagc.....	1
Gi5_8255085_x21.....	guucgaCuucccgccgcccggag.....	1
Gi2_10163098_x21.....	gguucgauucccgccgcccUg.....	1
Gi3_26755716_x21.....	Uauccggguucgauuccc.....	1
Gi1_3818985_x21..	Gucaccaacagauccgg.....	1
Gi2_10171771_x21.....	gguucgauucccAgcgcccggag.....	1
Gi1_3820035_x21uucucacccaacagauccggguucgau.....	.....	0
Gi5_8253741_x21.....	guucgauucccgccgcccG.....	1
Gi5_8252838_x21.....	gguCcgauucccgccgcccggagc.....	1
Gi5_8258970_x21.....	ggGucgauucccgccgcccggagc.....	1
Gi5_8251956_x21.....	ggAucgauucccgccgcccggagc.....	1
Gi1_3814533_x21.....	gguucgauucccgccgcccgaU.....	1
Gi1_3818649_x21uucucacccaacGgauccgg.....	.....	1
Gi2_10157743_x21.....	gguucgauuccAgccgcccggagc.....	1
Gi3_26754267_x21.....	guGcgauucccgccgcccga.....	1
Gi5_8257437_x21.....	gguucgauCcccggccgcccggagc.....	1
Gi3_26765145_x21.....	cagauccggguucgauucccgccgcccggagcC.....	1
Gi5_8255211_x21.....	gguucAauucccgccgcccggagc.....	1
Gi2_10171897_x21.....	guucgauucccgccgcccUgcggagc.....	1

Gi5_8254014_x21.....	gguucgauucccggcgccggagA.....	1
Gl1a_5485777_x21.....	gUuucgauucccggcgccg.....	1
Gi1_3813861_x21uucucacccGacagauccgg.....		1
Gi2_10183169_x20.....	guucgauCcccggcgccgg.....	1
Gi5_8271389_x20.....	guuUgauucccggcgccg.....	1
Gi3_26801825_x20.....	gAucgauucccggcgccg.....	1
Gi5_8276429_x20.....	guucAauucccggcgccg.....	1
Gi3_26786165_x20.....	gauccggguucgauucccggcgccgga.....	0
Gi1_3821550_x20.....	guucgauAcccggcgccgg.....	1
Gi2_10173549_x20.....	guucgauucccggcgccggagcA.....	1
Gi2_10185989_x20.....	gguucgauucccggcgccggagcU.....	1
Gi5_8268609_x20.....	guucgauucccggcgccgAcgg.....	1
Gi1_3823770_x20.....	gguucgauucccggcgccgAcgg.....	1
Gi2_10175769_x20.....	Aguucgauucccggcgccgg.....	1
Gi2_10186169_x20.....	gguucgauucccggcgccggcCc.....	1
Gi1_3827510_x20.Gcucacccaacagauccg.....		1
Gi3_26799545_x20.....	gguucgauucccgAcgccgga.....	1
Gi1_3827030_x20uucucaccNaacagauccgg.....		1
Gi3_26803925_x20.....	gguucgauucccggcgccAgag.....	1
Gi2_10181629_x20.....	guucgauCcccggcgccggagc.....	1
Gi1_3825530_x20.....	ggCucgauucccggcgccgg.....	1
Gi3_26802185_x20.....	gguucgCuucccggcgccggag.....	1
Gi2_10187089_x20.....	ggGucgauucccggcgccggag.....	1
Gi3_26804425_x20.....	Ugguucgauucccggcgccggagc.....	1
Gi3_26810854_x19Cucucacccaacagauccg.....		1
Gi3_26820183_x19.....	guucgauucccgAcgccgg.....	1
Gi3_26808840_x19.....	gguucgauucccggcgccAg.....	1
Gi5_8287020_x19.....	guucgauCcccggcgccgg.....	1
Gi2_10196756_x19.....	guucgauucccggcgccgCagc.....	1
Gi2_10199340_x19.....	guucgauucccggcgccgAcgg.....	1
Gi2_10206845_x19.....	gguucgGuucccggcgcc.....	1
Gi3_26830880_x19.....	Cuucgauucccggcgccggag.....	1
Gi1_3830427_x19..ucacccaacagauccggguucga.....		0
Gi3_26828410_x19.....	gguucgauucccggcgccgAcg.....	1
Gi3_26822102_x19.....	guucgauucccggcgccgAcgga.....	1
Gi1_3831985_x19.....	gguucgauucccggcgccUgg.....	1
Gi1_3834930_x19.....	Auucgauucccggcgccggagc.....	1
Gi2_10206731_x19.....	gguucgauuAccgggcgccggagc.....	1
Gi3_26805230_x19.....	guCcgauucccggcgccggag.....	1
Gi3_26821722_x19.....	guucgauuccUgggcgccgga.....	1
Gi3_26832894_x19.....	guucgauuccUgggcgccgg.....	1
Gi5_8291903_x19.....	gguucgauucccggcAccggagc.....	1
Gi3_26819936_x19.....	cUauucccggcgccggag.....	1
Gi3_26815452_x19.....	gAuucgauucccggcgccg.....	1
Gi2_10199530_x19.....	guAcgauucccggcgccggagc.....	1
Gi3_26866942_x18.....	guucgauucccggcgccgAcgg.....	1
Gi2_10218010_x18.....	gguucgauucccggcgccUgga.....	1

Gi3_26844622_x18.....uGcgauuccggcgccggagc..... 1
 Gi4_506352_x18.....gguucgauuccggcgccggagcC..... 1
 Gi3_26850778_x18.....gguucgauuccggcgccgCagc..... 1
 Gi1_3840465_x18.....guucgauuccggcgccggG..... 1
 Gi1_3837495_x18Cucucacccaacagauccg..... 1
 Gi1_3843633_x18uucCcacccaacagauccg..... 1
 G1a_5511635_x18.....Uguucgauuccggcgcc..... 1
 Gi5_8297325_x18uCcucacccaacagauccg..... 1
 Gi3_26870074_x18.....guucgauuccUggcgccggag..... 1
 Gi3_26873890_x18.....uGgauuccggcgccggagc..... 1
 Gi2_10224562_x18.....guucgauuccggcgUgg..... 1
 Gi3_26846368_x18.....gguuUgauuccggcgccg..... 1
 Gi3_26842750_x18.....guucgauuccggUgcccggagc..... 1
 Gi2_10215526_x18.....guucgauuccggcgUcgg..... 1
 Gi3_26843128_x18.....guGcgauuccggcgccgg..... 1
 Gi3_26859778_x18.....guucgauuccggcgUgg..... 1
 Gi1_3842463_x18.....Gucgauuccggcgccgg..... 1
 Gi5_8296497_x18uucucacccaCagauccg..... 1
 Gi1_3838593_x18uucucacccaacGgauccg..... 1
 Gi3_26859400_x18.....gguucgauuccggcgccUgagc..... 1
 Gi5_8302311_x18.....guucgauuccggcgUcg..... 1
 Gi2_10218298_x18.....agauccggguucgauuccggcgccggagcC..... 1
 Gi2_10224454_x18.....gguuUgauuccggcgccgga..... 1
 Gi2_10223176_x18.....guucAauuccggcgccggagc..... 1
 Gi5_8310769_x17.....caacagauccggguucgauuccggcgccg..... 0
 Gi1_3851194_x17uCcucacccaacagauccg..... 1
 Gi3_26896844_x17.....guucgauuUccggcgccgg..... 1
 Gi2_10243414_x17.....guucgauucUcggcgccgg..... 1
 Gi5_8315223_x17.....gAucgauuccggcgccgg..... 1
 Gi4_508099_x17.....Uuucgauuccggcgccgg..... 1
 Gi3_26878246_x17.....gguucgUuuccggcgccggagc..... 1
 Gi2_10230664_x17.....gguucgauuccggcgccggUgc..... 1
 Gi1_3848746_x17.....guucgaCuuccggcgccggagc..... 1
 Gi3_26889806_x17uucucacccaacagaCccg..... 1
 Gi5_8318266_x17.....aUauccggguucgauucc..... 1
 Gi1_3850973_x17.....aUauccggguucgauucc..... 1
 Gi1_3846808_x17.....guucgauuAccggcgccgg..... 1
 Gi3_26903763_x17.....guucgauuccggcgccggagcgA..... 1
 Gi2_10246083_x17.....guucgauuccggcgccAgagc..... 1
 Gi3_26882904_x17.....guucgauuccggcgccUga..... 1
 Gi1_3854747_x17.....gguucgauuccggUgcccg..... 1
 Gi2_10239453_x17.....Auucgauuccggcgccgga..... 1
 Gi3_26878059_x17.....gGuuccggcgccggagc..... 1
 Gi5_8310820_x17.....guucgauuUccggcgccgg..... 1
 Gi2_10229746_x17.....gguucgauuccggcgAcg..... 1
 Gi3_26882054_x17.....gguucgauuccggGgcccggagc..... 1
 Gi1_3850905_x17.....Auucgauuccggcgccgga..... 1

Gi5_8319694_x17	.....guucgauucccggcgUgg	.....	1
Gi2_10232534_x17	.....gguucgauucccggcAcc	.....	1
Gi2_10238671_x17	.....guucgauucUcggcgccggagc	.....	1
Gi3_26909917_x17	.....guucgauucccggcgAgg	.....	1
Gi3_26901825_x17	.....gguucgauucccggAgccgga	.....	1
Gi3_26877923_x17	.....guucgauAcccggcgccgg	.....	1
Gi2_10238654_x17	.....ggCucgauucccggcgcc	.....	1
Gi1_3848525_x17	.....guucgauucccggcgGgg	.....	1
Gi3_26893376_x17	.....guucgauucccggcgccgAa	.....	1
Gi3_26912263_x17	.....Ugguucgauucccggcgccggag	.....	1
Gi3_26882003_x17	.....gguucgGuucccggcgccg	.....	1
Gi1_3862977_x16	.....guucgauuccAgggcgccgg	.....	1
Gi3_26935261_x16	.....gguucgauucccgAcgcccggag	.....	1
Gi2_10252361_x16	.....gguucgUuucccggcgccggagc	.....	1
Gi3_26943453_x16	.....gguucgauCcccggcgccgg	.....	1
Gi3_26941533_x16	.....guucgauucUcggcgccgga	.....	1
Gi5_8331232_x16	.....Auucgauucccggcgccgga	.....	1
Gi1_3858289_x16	.....gguucgGuucccggcgccgg	.....	1
Gi3_26919517_x16	.....cUgguucgauucccggcgccgga	.....	1
Gi1_3861985_x16	.....guucgauucAcggcgccgg	.....	1
Gi1a_5537341_x16	.....gUuucgauucccggcgccgga	.....	1
Gi5_8323808_x16	.....guucgauucUcggcgccg	.....	1
Gi5_8337504_x16	.....Aguucgauucccggcgccggag	.....	1
Gi5_8333760_x16	.....ggCucgauucccggcgccg	.....	1
Gi5_8327520_x16	.....guAcgauucccggcgccg	.....	1
Gi1_3855969_x16	uucacccaacagGuccgg	.....	1
Gi1_3860049_x16	uCuacccaacagauccgg	.....	1
Gi3_26925405_x16	.....gguucgauucccggAgccg	.....	1
Gi1_3858945_x16	.....gguucgauucccgAcgccg	.....	1
Gi2_10269849_x16	.....guucgauucccggcgGccggagc	.....	1
Gi3_26916285_x16	.....gguucgauuccGggcgccggagc	.....	1
Gi3_26932605_x16	.....gguucgauucccggcgccggaA	.....	1
Gi3_26926957_x16	uucacccNaacagauccg	.....	1
Gi3_26920877_x16	.....guucgauAcccggcgccgga	.....	1
Gi5_8335584_x16	.....guucgauucccggUgccgg	.....	1
Gi2_10267577_x16	.....Cguucgauucccggcgccg	.....	1
Gi3_26946093_x16	.....guucgauucccggcgccggC	.....	1
Gi2_10256521_x16	.....gguucgauucccggcgccAga	.....	1
Gi3_26921565_x16	.....ggAucgauucccggcgccg	.....	1
Gi2_10261465_x16	.....gguucgauuccAgcgcc	.....	1
Gi3_26935277_x16	.....gAucgauucccggcgccgga	.....	1
Gi3_26948301_x16	.....gAuucgauucccggcgccgg	.....	1
Gi3_26919165_x16	.....ggCucgauucccggcgccgg	.....	1
Gi3_26942765_x16	.....gAucgauucccggcgccggagc	.....	1
Gi2_10263561_x16	.....gguucgauuccGggcgccggagc	.....	1
Gi2_10268377_x16	.....guucgauucccggcgAcggagc	.....	1
Gi1_3861281_x16	uucGcccaacagauccg	.....	1

Gi1_3857777_x16.....	gguucgCuuccggcgccgg.....	1
Gi1_3861793_x16.....	Uguucgauuccggcgcc.....	1
Gi2_10258249_x16.....	gguucgaCuccggcgccg.....	1
Gi1_3856657_x16.....	gCucgauuccggcgccgga.....	1
Gi2_10263641_x16.....	guAcgauuccggcgccgg.....	1
Gi2_10257705_x16.....	guucgauuccggcgUggagc.....	1
Gi5_8336528_x16.....	Aguucgauuccggcgccgg.....	1
Gi3_26930301_x16uucacccaacagGuccg.....	.....	1
Gi5_8344007_x15.....	gguucgauuccggUgccggagc.....	1
Gi5_8344892_x15.ucucacccGacagauccg.....	.....	1
Gi1_3870362_x15.....	ggGucgauuccggcgccgg.....	1
Gi1_3870317_x15.....	gCuucgauuccggcgccgg.....	1
Gi2_10284595_x15.....	guucgauuccggUgccgg.....	1
Gi2_10281325_x15.....	gAuucgauuccggcgccggag.....	1
Gi2_10291690_x15.....	ggCucgauuccggcgccggag.....	1
Gi3_26983810_x15.....	gguucgauuccUcgcggag.....	1
Gi5_8346857_x15.....	gguucgauNccggcgcc.....	1
Gi5_8354912_x15.....	gguucgauuccggcgUggagc.....	1
Gi5_8340467_x15.....	guucgauuccggcgccCg.....	1
Gi3_26975290_x15.....	guucgauucUcggcgccggagc.....	1
Gi3_26977105_x15.....	cagaucggguucgauuccggcgccggagc.....	0
Gi2_10275640_x15.....	gCucgauuccggcgccg.....	1
Gi5_8338577_x15.....	guucgauuccAgcgccgg.....	1
Gi2_10291720_x15.....	guucgauAccggcgccggagc.....	1
Gi3_26954470_x15.....	gguucgauGccggcgccggagc.....	1
Gi2_10287895_x15.....	guucAauuccggcgccgg.....	1
Gi3_26960050_x15.....	guucgauuAccggcgccggagc.....	1
Gi3_26981320_x15.....	ggCucgauuccggcgcc.....	1
Gi1a_5544824_x15.....	Uuucgauuccggcgccggagc.....	1
Gi2_10287565_x15.....	guCcgauuccggcgccggagc.....	1
Gi5_8349707_x15.....	guucgauuccggAgccgg.....	1
Gi3_26952685_x15.....	gguucgauuUccggcgccggga.....	1
Gi2_10293895_x15.....	gguucgGuuccggcgccggag.....	1
Gi3_26953450_x15.....	guucgauuccggcgccCg.....	1
Gi2_10287145_x15.....	guucgauuccggcgccgA.....	1
Gi1a_5552324_x15.....	gUuucgauuccggcgcc.....	1
Gi3_26972620_x15.....	gguucgauuccAgggcgccggga.....	1
Gi3_26957860_x15uucCacccaacagauccg.....	.....	1
Gi3_26985805_x15.....	guucgauuUccggcgccggag.....	1
Gi3_26969215_x15.....	guAcgauuccggcgccggagc.....	1
Gi2_10273030_x15.....	guucgGuuccggcgccggga.....	1
Gi3_26953060_x15.....	guucUauuccggcgccggagc.....	1
Gi5_8351162_x15.cCacccaacagauccg.....	.....	1
Gi3_26978710_x15.....	acagaucggguucgauuccggcgccggga.....	0
Gi3_26957575_x15.....	Auucgauuccggcgccg.....	1
Gi5_8339057_x15.....	gguucgauuccAgcgccggga.....	1
Gi2_10274605_x15.....	guCcgauuccggcgccg.....	1

Gi3_26968030_x15uucucacccaacGgaucgg	1
Gi2_10294195_x15uucucacccaCcgauccg	1
Gi3_26986465_x15.....guucgauucccgccgAggagc	1
Gi3_26966755_x15.....gCuucgauucccgccg	1
Gi5_8338427_x15uucucacccaacGgaucgg	1
Gi2_10292530_x15.....guucgauucccgccgAccggagc	1
Gi3_27019345_x14.....guucgauuccAgggcgccgg	1
Gi2_10313039_x14.....guucgauucccgccgUg	1
Gi3_27012821_x14.....gCucgauucccgccg	1
Gi3_27000123_x14.....ggauucgauucccgccgAa	1
Gi2_10313193_x14.....guucgauucccgccgA	1
Gi5_8365253_x14.....Cguucgauucccgccg	1
Gi5_8362635_x14.....ggauucgauucccgccgGg	1
Gi2_10297023_x14.....ggauucgauCcccgccg	1
Gi3_26998135_x14uucucaccNaacagauccg	1
Gi3_27002125_x14.....ggauucgauucccgccgAccg	1
Gi5_8359135_x14.....ggCucgauucccgccg	1
Gi5_8363433_x14.....Cuucgauucccgccg	1
Gi5_8356405_x14.....ggauucgauuccAgcgccg	1
Gi3_27022649_x14.....guucgauucccgccgCcgagc	1
Gi2_10298059_x14.....guucgauUccggcgccg	1
Gi5_8360045_x14.....gAuucgauucccgccg	1
Gi3_27005429_x14.....gCuucgauucccgccg	1
Gi1_5558613_x14Gucucacccaacagauccg	1
Gi1_3875372_x14.....ggauucgauucccgccgAccgg	1
Gi3_27000333_x14.....ggauucgauucccgccgCgagc	1
Gi3_26999605_x14.....ggauucgauuccUggcgccg	1
Gi3_27016139_x14.....ggauGgauucccgccg	1
Gi3_27005163_x14.....guucgauucccgccgAagc	1
Gi1_3873146_x14uucucGcccaacagauccg	1
Gi3_27006577_x14uCucacccaacagauccg	1
Gi5_8363755_x14.....ggauucAauucccgccg	1
Gi2_10316595_x14.....gAuucgauucccgccg	1
Gi1_3874140_x14Cucucacccaacagauccg	1
Gi1_3877780_x14.....ggCucgauucccgccgagc	1
Gi2_10306039_x14.....guucgauucccgAgccgagc	1
Gi5_8358995_x14.....gCucgauucccgccg	1
Gi2_10316175_x14.....guucgauucccgccgAagc	1
Gi3_27000277_x14.....uucgauucccgccgCgc	1
Gi5_8372561_x14.....guGcgauucccgccg	1
Gi3_27009573_x14.....guucgauucccgccgAccggagc	1
Gi5_8368865_x14.....ggCucgauucccgccg	1
Gi3_27001719_x14.....gAuucgauucccgccg	1
Gi3_27004211_x14.....ggauucgauucccgccgUcggag	1
Gi5_8363685_x14.....ggauucgauucccgccgU	1
Gi3_27015145_x14.....ggauucgauAcccgccg	1
Gi3_27011939_x14uucucacccaGcagauccg	1

Gi5_8363377_x14.....	gguucgCuuccggcgccg.....	1	
Gi3_27018169_x14.....	guuUgauucccgcccgagc.....		1
Gi3_27023615_x14uucucGcccaacagauccg.....			1
Gi3_27021501_x14.....	guGcgauucccgcccgag.....		1
Gi1_3877304_x14uucacccaacagGuccg.....		1	
Gi2_10296631_x14.....	guucgauuNccggcgccg.....		1
Gi3_27029341_x14.....	uucgauucccgcccgC.....		1
Gi3_26999759_x14.....	gguucgauucccgUgccc.....		1
Gi3_27015621_x14.....	guGcgauuccggcgccgagc.....		1
Gi3_27010399_x14.....	ggNucgauucccgcccgagc.....		1
Gi5_8360829_x14.....	gguucgauuccUgcccggagc.....	1	
Gi3_27065327_x13.....	guucGGuuccggcgccg.....		1
Gi3_27052756_x13.....	gguucgauuccggcgUcg.....		1
Gi2_10322532_x13.....	gguucgauucccgcccgagcGA.....		1
Gi5_8390368_x13.....	guucgauucccgUgcccgg.....	1	
Gi5_8383855_x13.....	guucgauucUcgcccgccg.....	1	
Gi3_27042083_x13.....	Cguucgauuccggcgcc.....		1
Gi1_3884643_x13.....	guucgauuccAgcggccgga.....	1	
Gi5_8380410_x13.....	guucgauuccggcgCggg.....	1	
Gi3_27059906_x13.....	gguucUauucccgcccgagc.....		1
Gi3_27057319_x13.....	guucgCuuccggcgcccgagc.....		1
Gi5_8385636_x13.....	guAcgauucccgcccg.....	1	
Gi3_27064742_x13..	Gucaccaacagauccg.....		1
Gi5_8373858_x13.....	Cguucgauuccggcgccg.....	1	
Gi2_10330592_x13.....	guucgauuccggcgcccgAc.....		1
Gi1a_5572419_x13.....	gUuucgauucccgcccg.....	1	
Gi2_10338912_x13.....	guucgaGuccggcgcccgagc.....		1
Gi3_27039015_x13.....	gguucgauuUccggcgccg.....		1
Gi5_8380748_x13uucacccaacagGuccg.....		1	
Gi5_8384674_x13.....	gguucgauuccggcgAcggagc.....		1
Gi2_10322402_x13.....	guucgauuccggcgcccgagcU.....		1
Gi3_27046542_x13.....	gguuGgauuccggcgcccgag.....		1
Gi3_27062818_x13.....	gguucgauuccUggcgcc.....		1
Gi1_3891845_x13.....	gguucgauNccggcgcccgagc.....	1	
Gi2_10322298_x13.....	gguucgauuccggcgAccgga.....		1
Gi3_27077092_x13.....	gguucgauuccggcgcccggaUc.....		1
Gi3_27062961_x13.....	guucgauCccggcgcccgag.....		1
Gi1_3892261_x13.....	guucgauuccggcgcccgU.....	1	
Gi1_3885592_x13.....	guucgauuccggcgCggg.....	1	
Gi2_10328811_x13.....	ggCucgauuccggcgccg.....		1
Gi4_514174_x13.....	Uguucgauuccggcgcccgagc.....	1	
Gi5_8382022_x13.....	guucgauuccggcgcccgCgc.....	1	
Gi2_10332919_x13.....	aUauccggguucgauucc.....		1
Gi1_3885540_x13.....	guuNgauuccggcgccgg.....	1	
Gi5_8373351_x13.....	gguucgauuccggcgcccgG.....	1	
Gi3_27045437_x13.....	guucgauuccggcgccAgagc.....		1
Gi3_27048310_x13.....	gguucgauuccUggcgccg.....		1

Gi3_27052301_x13.....	gguucgauucccgcgAggag.....	1
Gi2_10336390_x13.....	gguucgauucccgcgccgCagc.....	1
Gi3_27043669_x13.....	guucgauuccAggcgccgga.....	1
Gi3_27072802_x13.....	gguucgauuccCcgccggagc.....	1
Gi5_8376679_x13.....	guucgauuNccggcgccgga.....	1
Gi4_513719_x13.....	guucgauucccgcgccg.....	0
Gi3_27044670_x13.....	guucgauuUccggcgccggagc.....	1
Gi5_8376926_x13.....	gguucgauuUccggcgccg.....	1
Gi5_8373910_x13.....	ggGucgauucccgcgccg.....	1
Gi2_10338106_x13.....	gCuucgauucccgcgccggag.....	1
Gi2_10336663_x13Cucucacccaacagauccg.....		1
Gi3_27043162_x13.....	gguucgauucccgcgGggagc.....	1
Gi3_27063065_x13.....	gguucgauucccgcgccgA.....	1
Gi2_10332256_x13.....	gguAcgauucccgcgccggagc.....	1
Gi2_10321648_x13.....	guucgauucccgcgccggagU.....	1
Gi5_8389601_x13.....	gguucgaCuuccggcgccg.....	1
Gi3_27067030_x13.....	gguuAgauucccgcgccgga.....	1
Gi2_10324222_x13.....	gguucgauucccgcgccAgag.....	1
Gi5_8373884_x13.....	gguucgauucccgcgccAgagc.....	1
Gi3_27063494_x13.....	uGgauucccgcgccggag.....	1
Gi3_27050338_x13.....	guucgauucccgcgccggagA.....	1
Gi2_10354906_x12.....	guucgauuccAgcgccg.....	1
Gi2_10359070_x12.....	Cuucgauucccgcgccggag.....	1
Gi3_27131349_x12.....	guucgauuUccggcgccgga.....	1
Gi5_8395722_x12.....	gguucgauucccgcgUgga.....	1
Gi1_3900650_x12.....	guucgauuccCcgccgg.....	1
Gi5_8401914_x12.....	Uuucgauucccgcgccggag.....	1
Gi1_3895874_x12uucucacccaacaAauccg.....		1
Gi5_8403234_x12.....	gguucgauucccgcgUcggagc.....	1
Gi3_27096909_x12.....	guucgauucccgcgGcgg.....	1
Gi5_8407074_x12.....	gguucgauucccgcgAggagc.....	1
Gi3_27118293_x12.....	guucUauucccgcgccggag.....	1
Gi2_10349386_x12.....	gAucgauucccgcgccggagc.....	1
Gi3_27113469_x12.....	uUgauucccgcgccggagc.....	1
Gi2_10348270_x12uCuucacccaacagauccg.....		1
Gi3_27127785_x12.....	guucgauucccgcgccggagcU.....	1
Gi5_8394810_x12.....	guucgauucccgAcgccc.....	1
Gi3_27123429_x12.....	guucgauucccgcgccggagU.....	1
Gi5_8404566_x12.....	gguucgaCuuccggcgccg.....	1
Gi2_10344394_x12.....	guucgauucccgcgAccgga.....	1
Gi2_10359730_x12uucucacccaacagGuccg.....		1
Gi5_8400306_x12.....	guucgauucccgcgAcg.....	1
Gi5_8407494_x12.....	guucgauucccgcgUcggagc.....	1
Gi3_27126693_x12.....	guucgauuccCcgccggagc.....	1
Gi3_27110877_x12.....	guucgauucccgcgccAgag.....	1
Gi5_8401218_x12.....	gUuucgauucccgcgccggagcgu.....	1
Gi2_10363918_x12.....	gguucgCuucccgcgccggag.....	1

Gi5_8401710_x12.uGucacccaacagauccg.....	1
Gi3_27108045_x12uucucacccaGcagauccgg.....	1
Gi2_10364326_x12.....gguucgauucccggGgccggagc.....	1
Gi5_8400042_x12.....gAuucgauucccggcgccgga.....	1
Gi3_27117369_x12.....gguucgauucccggcgAg.....	1
Gi5_8404698_x12uucCcacccaacagauccg.....	1
Gi2_10345018_x12.....guucgauuNccggcgccggag.....	1
Gi2_10365874_x12.....gguNcgauucccggcgccggagc.....	1
Gi3_27124785_x12.....gguucgauucccggUgccgg.....	1
Gi2_10356154_x12.....ggGucgauucccggcgccgga.....	1
Gi2_10353190_x12.....gguucgauuccUggcgcc.....	1
Gi5_8394774_x12.....guucgauucccggcgAg.....	1
Gi5_8402034_x12.....guucgauucccggcgAgg.....	1
Gi3_27117285_x12.....gguucgauucAcggcgccggag.....	1
Gi1_3897482_x12.....guucgaGucccggcgccgg.....	1
Gi3_27112941_x12.....gguucgaAucccggcgccggagc.....	1
Gi2_10350382_x12.....Auucgauucccggcgccg.....	1
Gi3_27122361_x12.....gguucgauuUccggcgccg.....	1
Gi2_10356202_x12.....gGuuccggcgccggagc.....	1
Gi2_10344010_x12.....guuUgauucccggcgccg.....	1
Gi3_27088305_x12.....gguucgauucccggcgUgg.....	1
Gi5_8404902_x12.....gguucgauucccggcgccggCg.....	1
Gi5_8393478_x12.....gguucgCuuccggcgccggagc.....	1
Gi2_10367230_x12.....guucgauucccAgcgccgg.....	1
Gi2_10354426_x12.....gguucgGuuccggcgccgga.....	1
Gi3_27087333_x12.....caacagauccggguucgauucccggcgccgg.....	0
Gi1_3897170_x12uucCcacccaacagauccg.....	1
Gi1_3899774_x12.....uGcgauucccggcgccgg.....	1
Gi1_3897854_x12.....guucgauucccUgcgccc.....	1
Gi5_8404434_x12.....gCucgauucccggcgccggagc.....	1
Gi1_3895370_x12.....gguucgauucccAgcgccc.....	1
Gi3_27104649_x12uucCcacccaacagauccg.....	1
Gi3_27097029_x12.....gguucgauucccggcAcc.....	1
Gi3_27093009_x12.....gguucgauucccggcgccggU.....	1
Gi2_10373432_x11.....gguucgauuUccggcgcc.....	1
Gi5_8414458_x11.....gguucgauuUccggcgccggagc.....	1
Gi2_10369868_x11.....ucgauuccNggcgccggagc.....	1
Gi2_10392935_x11.....gguucgaAucccggcgccggagc.....	1
Gi1_3908324_x11.....guucgauucccggcgccggagcU.....	1
Gi3_27166690_x11.....Gcgauucccggcgccgga.....	1
Gi5_8428120_x11...Gcacccaacagauccgggu.....	1
Gi5_8429264_x11.....guucgauuUccggcgccg.....	1
Gi3_27169121_x11.....gguucgauucccAgcgccc.....	1
Gi5_8419903_x11.....guuUgauucccggcgccgga.....	1
Gi5_8418286_x11.....gguucgauuccUggcgccc.....	1
Gi5_8424138_x11.Gcucacccaacagauccg.....	1
G1a_5613319_x11.....Uuucgauuccgcgccgg.....	1

Gi2_10385290_x11.....gCucgauuuccggcgccggag.....	1
Gi3_27183982_x11.....guucgauuuccggAgccggagc.....	1
Gi2_10379944_x11.....ggGucgauuuccggcgcc.....	1
Gi1_3905453_x11.....Aguucgauuuccggcgccgga.....	1
Gi2_10373322_x11.....guGcgauuuccggcgccg.....	1
Gi3_27164699_x11.....gguucgauAcccgggcgccgga.....	1
Gi1_3914561_x11.Gcucaccaacagauccgg.....	1
Gi3_27144360_x11.....aUauccggguucgauucc.....	1
Gi3_27180308_x11.....guuAgauuccggcgccgg.....	1
Gi3_27172443_x11.....guucgauuuccggcgccgCagc.....	1
Gi3_27138805_x11.....ggGucgauuuccggcgcc.....	1
Gi5_8422455_x11.....gAucgauuuccggcgccg.....	1
Gi3_27151873_x11.....guucgauuuccggcgUcggagc.....	1
Gi3_27173730_x11.....guucgauuuccggcgccgU.....	1
Gi3_27142325_x11.....ccaacagauccggguucgauuuccggcgccgg.....	0
Gi3_27167482_x11.....gguucgauuuccAgcgccg.....	1
Gi2_10393540_x11.....gguucgauuuccggcgUc.....	1
Gi2_10397588_x11.....gguucgauCcccgcgcc.....	1
Gi2_10394222_x11.....gguucgaCuccggcgccgga.....	1
Gi2_10391307_x11.....Cuucgauuuccggcgccg.....	1
Gi1_3909710_x11.....Aguucgauuuccggcgccggagc.....	1
Gi1_3910887_x11uAcucaccaacagauccg.....	1
Gi1_3909963_x11.....guucgauuuccggcgccAga.....	1
Gi5_8431057_x11.....guucgauuuccAgggcgccg.....	1
Gi5_8420024_x11.....gguucgauuuccggcgccA.....	1
Gi2_10395916_x11.....guucgauuuccggcgccggagcgA.....	1
Gi2_10371342_x11.....guucgauuuccggUgccgga.....	1
Gi2_10376281_x11.....guucgauuuccggcgccggCg.....	1
Gi3_27162972_x11.....Gccggguucgauuuccggcgccgga.....	1
Gi3_27167427_x11.....guucgauuuccgUcggccgga.....	1
Gi5_8419232_x11..cucaccaacagGuccgg.....	1
Gi3_27156955_x11..cucaccaacagauccggguucgauucc.....	0
Gi1_3907752_x11.....guucAauuccggcgccgga.....	1
Gi2_10388832_x11.....ggAucgauuuccggcgcc.....	1
Gi2_10384201_x11.....guucgauuuccggcgAgg.....	1
Gi3_27157648_x11.....uGcgauuuccggcgccgg.....	1
Gi1_3905156_x11.....gguucgauuuccggcgAgg.....	1
Gi3_27167878_x11.....guucgCuuccggcgccgg.....	1
Gi3_27179593_x11.....guucgauuAccggcgccgga.....	1
Gi3_27183586_x11.....guucgauuuccggcAccggag.....	1
Gi5_8418066_x11.....gCuucgauuuccggcgccg.....	1
Gi5_8426822_x11.....gguucgauuuccggcgUg.....	1
Gi1_3908104_x11uucucaccaGcagauccg.....	1
Gi5_8420310_x11.....guucgauuuccggcgccgA.....	1
Gi2_10376468_x11.....guucgauuuccUgcgccggag.....	1
Gi3_27178009_x11.....Ugguucgauuuccggcgccgga.....	1
Gi5_8423874_x11.....guucgauuuccgAcggcgga.....	1

Gi3_27178779_x11.....	gguucgauuAccggcgccggag.....	1
Gi3_27168615_x11.....	ucgauuccNggcgccggagc.....	1
Gi1_3909952_x11.....	gguucgauuccUggcgccgg.....	1
Gi1_3907873_x11.....	guucgauucccgggcgUgga.....	1
Gi3_27186776_x11.....	uuUgauuccggcgccggagc.....	1
Gi3_27177382_x11.....	guucgauuNccggcgccg.....	1
Gi2_10381913_x11.....	Auucgauuccggcgccggag.....	1
Gi2_10395388_x11uuUucaccaacagauccg.....	.....	1
Gi1_3923174_x10.....	guucgaAuuccggcgccgg.....	1
Gi3_27209272_x10.....	guucgauuccggcgccggUgc.....	1
Gi3_27220922_x10.....	gguucgauuccUgcggcg.....	1
Gi2_10404252_x10.....	gguucgauuUccggcgccgga.....	1
Gi2_10413142_x10.....	guucgauuccggcgccggGg.....	1
Gi3_27210902_x10.....	guucgauAccggcgccggagc.....	1
Gi2_10417302_x10.....	gguucgauuccggcgGggagc.....	1
Gi2_10407042_x10.....	gguucgauuccUggcgccggag.....	1
Gi5_8447646_x10.....	guucgauucAcggcgccgg.....	1
Gi5_8434636_x10.....	ggAucgauuccggcgccg.....	1
Gi3_27191172_x10.....	gguucgCuuccggcgccgg.....	1
Gi5_8447786_x10.....	gguucgauucccgAcgccggagc.....	1
Gi4_520909_x10.....	gGucgauuccggcgccgg.....	1
Gi2_10427882_x10.....	gguucgauuccggcgccCgagc.....	1
Gi5_8433596_x10uucucaccaGcagauccg.....	.....	1
Gi3_27220262_x10.....	guucgauuccggcgccC.....	1
Gi3_27204172_x10.....	gguucAauuccggcgccg.....	1
Gi3_27206282_x10.....	gguucgauucccgAcgccg.....	1
Gi3_27217412_x10.....	gguucgauuccAgggcgccggag.....	1
Gi1_3920724_x10.....	aacagauccggguucgauuccggcgccggagc.....	0
Gi1_3917484_x10uucucaccaacagauAcgg.....	.....	1
Gi2_10412472_x10.....	gguucAauuccggcgcc.....	1
Gi2_10412292_x10.....	gguucgUuuccggcgccggag.....	1
Gi5_8435356_x10.....	gguCcgauuccggcgccg.....	1
Gi3_27188212_x10.....	guucgCuuccggcgccgga.....	1
Gi5_8447406_x10.....	guucgCuuccggcgccgg.....	1
Gi3_27209772_x10.....	gguucgauuccggcgAccg.....	1
Gi1_3928104_x10..cGcaccaacagauccg.....	.....	1
Gi1_3923774_x10.....	gguucgauuUccggcgccg.....	1
Gi2_10419612_x10.....	cUauuccggcgccggagcguuu.....	1
Gi2_10403692_x10.....	guucgauucccgAcgccg.....	1
Gi3_27197082_x10.....	guAcgauuccggcgccggag.....	1
Gi5_8449706_x10.uucacccNacagauccg.....	.....	1
Gi2_10403522_x10.....	gguucgCuuccggcgcc.....	1
Gi2_10410772_x10.....	gguucgauuccggcgUcgga.....	1
Gi3_27204082_x10.....	guucgauuccggcgUggagc.....	1
Gi5_8449856_x10.....	gguucgGuuccggcgccg.....	1
Gi2_10401452_x10.....	guucgauuccggcgAccg.....	1
Gi3_27239182_x10.....	Gcgauuccggcgccggag.....	1

Gi3_27205472_x10.....	guuUgauuucccgcccgag.....	1
Gi2_10403512_x10.....	gguucgauuucccgccgUagc.....	1
Gi5_8452576_x10.....	gguucgauuucccgAgccggagc.....	1
Gi3_27240502_x10.....	Cuucgauuucccgcccg.....	1
Gi3_27192892_x10.....	guucgauuuccgUcgccgg.....	1
Gi5_8434526_x10uGcucacccaacagauccgg.....	gCuucgauuucccgcc.....	1
Gi2_10419012_x10.....	gCuucgauuucccgcc.....	1
Gi5_8452316_x10.....	guucgauuNccggcgccggagc.....	1
Gi2_10397762_x10.....	guucgauuUccggcgccggagc.....	1
Gi3_27190712_x10.....	gguucgauuAcggcgccgga.....	1
Gi2_10409622_x10.....	gguucgauuuccggcgccggC.....	1
Gi3_27204492_x10.....	guucgauuuccgAcgccgga.....	1
Gi3_27233622_x10.....	gCguucgauuuccggcgccggagc.....	1
Gi1_3921274_x10.....	guCcgauuuccggcgccg.....	1
Gi5_8448436_x10.....	guucgauuuccggcgccggGgc.....	1
Gi1_3916754_x10.....	gguucAauuuccggcgccgg.....	1
Gi2_10405312_x10.....	guucgauuuccggcgAggagc.....	1
Gi2_10409192_x10.....	gguuUgauuuccggcgcc.....	1
Gi2_10411892_x10.....	guucgGuuccggcgccg.....	1
Gi2_10407172_x10.....	guucgauuuccgAcgccggagc.....	1
Gi3_27226722_x10.....	guucgauuuccggcAccggagc.....	1
Gi2_10448607_x9.....	guucgauuuccggcgAcg.....	1
Gi1_3933244_x9uucucacccaacagauUgg.....	guucgauuuccAgcgccgga.....	1
Gi5_8476581_x9.....	guucgauuuccAgcgccgga.....	1
Gi5_8469489_x9.....	guucgauAccggcgccg.....	1
Gi5_8460930_x9.....	guucgauuuccggcgUgga.....	1
Gi3_27297991_x9.....	ggAucgauuuccggcgccgg.....	1
Gi2_10434270_x9.....	gguucgauuuccCgcgccggagc.....	1
Gi3_27288757_x9.....	guucAauuuccggcgccggag.....	1
Gi3_27268903_x9.....	gguGcgauuuccggcgccggagc.....	1
Gi5_8453325_x9..cucaccUaacagauccgg.....	gguucgauNccggcgccg.....	1
Gi1_3936475_x9.....	gguucgauNccggcgccg.....	1
Gi2_10447860_x9.....	guucgauuAcggcgccgg.....	1
Gi3_27281638_x9.....	Ggauuuccggcgccggagc.....	1
Gi5_8467230_x9.....	gguucgCuuccggcgccggag.....	1
Gi5_8458752_x9.....	gguucgauuuccggcgccAga.....	1
Gi5_8472180_x9.....	gguucgauuuccUggcgccgg.....	1
Gi3_27273718_x9uucucacccGacagauccg.....	ggGucgauuuccggcgccgg.....	1
Gi5_8454351_x9.....	ggGucgauuuccggcgccgg.....	1
Gi4_521253_x9.....	guucgauuuccggcgccggagc.....	0
Gi1_3940336_x9uucucaccUaacagauccg.....	gGuuccggcgccggagc.....	1
Gi5_8463774_x9.....	gGuuccggcgccggagc.....	1
Gi1_3941641_x9uucucacUaacagauccg.....	guucgauuuccAgcgccg.....	1
Gi3_27260965_x9.....	guucgauuuccggcgccggagA.....	1
Gi2_10443045_x9.....	guucgauuuccggcgccggagA.....	1
Gi3_27247375_x9.....	gguucgauuuccggcCccggagc.....	1
Gi5_8459643_x9.....	gguucgGuuccggcgccgg.....	1

Gi2_10434306_x9.....gguucgauucccggcgccggaUc..... 1
Gi3_27296749_x9.....ggguucgauucccggcgccgagcC..... 1
Gi1_3932884_x9.....gCucgauucccggcgccgagc..... 1
Gi3_27302113_x9.....gguuAgauucccggcgccgag..... 1
Gi3_27290737_x9.....gguucgauuccGggcgccgga..... 1
Gi5_8464125_x9.....Gucgauucccggcgccg..... 1
Gi3_27245107_x9.....ggGucgauucccggcgccg..... 1
Gi1_3931111_x9uucucacccaacagaucUg..... 1
Gi5_8469930_x9.....gguucgauucccggcAccgga..... 1
Gi5_8458428_x9.....gguucgauucccggcgccgC..... 1
Gi2_10443882_x9.....gguucAauucccggcgccgag..... 1
Gi5_8461515_x9.....guucUauucccggcgccgga..... 1
Gi3_27256195_x9.....gguucgauucccggcgccgUagc..... 1
Gi2_10446852_x9.....gguucgauucccgUgccg..... 1
Gi3_27249112_x9.....guGcgauucccggcgccg..... 1
Gi1_3936016_x9.....guuUgauucccggcgccgga..... 1
Gi5_8470668_x9.....gguucgauucccggcgccggaCc..... 1
Gi5_8466123_x9.....guucgauucccgAgccg..... 1
Gi1_3931120_x9.....ucgauucccggcgccgagcC..... 1
Gi5_8467374_x9.....guucgauuccCgcgccg..... 1
Gi3_27271405_x9.....guucgauuccCgcgccg..... 1
Gi1_3932146_x9.....gguucgauucccggcgccgagcgA..... 1
Gi5_8461047_x9.....Uguucgauucccggcgccgagcgu..... 1
Gi2_10457346_x9.....gguucgauCcccggcgccg..... 1
Gi3_27263017_x9.....guucgauuccCgcgccgga..... 1
Gi2_10458642_x9.....gguucgauucccgAgccg..... 1
G1a_5648809_x9....acccaacagauccggguucgauucc..... 0
G1a_5644426_x9.....guucgauucccggcgccgga..... 0
Gi3_27283429_x9.....guucgauucccgAgccgga..... 1
Gi3_27245278_x9uucucUcccaacagaucg..... 1
Gi3_27303679_x9uucucacccaCcgauccg..... 1
Gi2_10450506_x9.....Cguucgauucccggcgccgga..... 1
Gi2_10432020_x9.....guucAauucccggcgccgga..... 1
Gi5_8454072_x9.....Ggauccggguucgauucc..... 1
Gi2_10438842_x9.....guucgauucccggcUcgga..... 1
Gi2_10447644_x9.....gguucgCuucccggcgccg..... 1
Gi2_10437555_x9.....guucgauucccggcgccCg..... 1
Gi5_8461218_x9.....ggGucgauucccggcgcc..... 1
Gi5_8498865_x8.....guucgUuucccggcgccg..... 1
Gi2_10464722_x8.....gguucgGuucccggcgccg..... 1
Gi2_10481186_x8.....gguucgauucUcggcgccgag..... 1
Gi2_10466082_x8.....gguucgauucccggcUcg..... 1
Gi2_10471362_x8.....aacagauccggguucgauucccggcgccg..... 0
Gi2_10475850_x8.....gguucAauucccggcgccgga..... 1
Gi2_10480930_x8.....gguucgCuucccggcgccgga..... 1
Gi5_8481609_x8.....Uuuuccgccuuccuucgucu..... 1
Gi3_27310729_x8.....gguucgauucccggcgccgCag..... 1

Gi2_10493754_x8.....guucgauAccggcgccggagc..... 1
Gi2_10472418_x8.....gguCcgauuccggcgccggag..... 1
Gi5_8490161_x8.....ggGucgauuccggcgccggag..... 1
Gi3_27361201_x8uucucaccaacagauAcg..... 1
Gi5_8493065_x8.....gguucgauucUcggcgccggagc..... 1
Gi3_27359665_x8.....gguucgauuccGggcgccg..... 1
Gi5_8492497_x8.ucCcacccaacagauccg..... 1
Gi2_10492594_x8.....guucgauCcccggcgccgga..... 1
Gi3_27328017_x8.....guucgaGuccggcgccgga..... 1
Gi5_8482345_x8.....gAuucgauuccggcgcc..... 1
Gi5_8488537_x8uucucaccAaacagauccg..... 1
Gi1_3947829_x8.....gguuUgauuccggcgccgg..... 1
Gi2_10477890_x8.....gguuUgauuccggcgccg..... 1
Gi3_27363793_x8.....guucgauuccggcgGcggga..... 1
Gi2_10474298_x8.....gguucgauuccggcgccggagG..... 1
Gi3_27359369_x8.....guucgauuccggcgccggaAc..... 1
Gi5_8486489_x8.....gGucgauuccggcgccggag..... 1
Gi2_10483890_x8.....ggCucgauuccggcgccgga..... 1
Gi3_27320833_x8.....cgauuccggcgccggCgc..... 1
Gi5_8493233_x8.....gCuucgauuccggcgccgg..... 1
Gi5_8479161_x8..cucGcccaacagauccg..... 1
Gi1_3943093_x8.ucucGcccaacagauccg..... 1
Gi2_10488730_x8.....gguucgauuccggcgAccgg..... 1
Gi5_8481825_x8.....ggCucgauuccggcgccggag..... 1
Gi1_3943365_x8.....gguucgauuccggcgccggagU..... 1
Gi2_10487810_x8.....guCcgauuccggcgccggag..... 1
Gi5_8487297_x8.....guucgauuccAgggcgccg..... 1
Gi3_27348209_x8.....gguuUgauuccggcgcc..... 1
Gi1_3943421_x8.....gguucgauuccggcgccggU..... 1
Gi3_27328089_x8.....guucgauuccAgggcgccgg..... 1
Gi5_8501385_x8.....gguucgauuccAgggcgccggagc..... 1
Gi1_3955053_x8.....gguucgauuccggcgccggagcA..... 1
Gi1_3942421_x8.....gguucgauucUcggcgccgg..... 1
Gi5_8493593_x8.....gguucgauuccggcgUcggga..... 1
Gi5_8479537_x8.....gguucgauuccggAgccgga..... 1
Gi2_10467834_x8.....guucgauuccggcgCccggagc..... 1
Gi2_10486802_x8.....ucgauucUcggcgccggagc..... 1
Gi3_27364521_x8.....gguucgauuccggAgccggag..... 1
Gi4_526408_x8.....gguucgauuccggcgccgga..... 0
Gi2_10482586_x8.....guucgauuccggcgccUgagc..... 1
Gi1_3946141_x8.....gguCcgauuccggcgccgg..... 1
Gi3_27332217_x8uucucaccaacagUuccg..... 1
Gi2_10486738_x8.....gguucgauuccggcgGcggagc..... 1
Gi3_27324385_x8.....Gucgauuccggcgccgg..... 1
Gi2_10492602_x8.ucucaccaacagauccg..... 0
Gi2_10472362_x8.....gguucgauuccAgcgccgga..... 1
Gi4_525296_x8.....gUuucgauuccggcgccggagc..... 1

Gi5_8496129_x8.....ggCucgauuucccgccgg..... 1
Gi3_27335497_x8.....cgUuuccggcgccggagc..... 1
Gi5_8493825_x8.....ggGucgauuucccgccggga..... 1
Gi5_8488025_x8.....ggAucgauuucccgccggga..... 1
Gi2_10472842_x8.....guucgauuNccggcgccgga..... 1
Gi2_10479466_x8.....guucgauuuccCgcgcccggagc..... 1
Gi5_8486097_x8.....guuUgauuucccgccgggagc..... 1
Gi2_10469098_x8.....gguucgauuuccggcgccA..... 1
Gi3_27320697_x8.....guucgauuuccggGgcccgg..... 1
Gi3_27342481_x8.....gguucgauuuccAggcccgg..... 1
Gi2_10487410_x8.....gguucgauuuccggcgcc..... 1
Gi5_8487249_x8.....guucgauuuccggcgcccggG..... 1
Gi5_8496041_x8.....gguucgauuuccggcgAcgga..... 1
Gi2_10479218_x8.....gguucgauuuccggcgAcgga..... 1
Gi3_27374497_x8.....gAucgauuuccggcgcccggag..... 1
Gi1_3947309_x8.....guucgauuuccggcgcccggGgc..... 1
Gi2_10494842_x8.....ucgauuuccggcgcccggGgc..... 1
Gi2_10487194_x8.....Gucgauuuccggcgcccgg..... 1
Gi5_8476993_x8.....agauccggNuucgauuucc..... 1
Gi5_8494609_x8.....gguucgauuuccggcgUc..... 1
Gi2_10476746_x8.....gguucgauNccggcgcccgg..... 1
Gi5_8477785_x8.....guCcgauuuccggcgcccggga..... 1
Gi2_10497218_x8.....guucgauuuccAgcgcggga..... 1
Gi2_10469946_x8.....guucgUuuccggcgcccgg..... 1
Gi1_3945037_x8.....gguucgauuuccggcgcccggG..... 1
Gi1_3943805_x8.....guucgUuuccggcgcccgg..... 1
Gi2_10480546_x8.....gguucgauuuccggUgcccgga..... 1
Gi2_10466818_x8.....Cuucgauuuccggcgcccggga..... 1
Gi2_10494178_x8.....gguucgauuuccggcAccggag..... 1
Gi3_27356329_x8.....gauuuccAgcgcggagc..... 1
Gi2_10486098_x8.....gguucgaCuuccggcgcccgg..... 1
Gi2_10487602_x8.....guucgauuuccAggcccgg..... 1
Gi3_27360993_x8.....guucgauuuccggcgcccggUg..... 1
Gi3_27346385_x8.....guucgauuuccggcgcccCgagc..... 1
Gi2_10478338_x8.....gguucgauuuccggAgcc..... 1
Gi3_27362081_x8.....guucgauuuccggcgGgga..... 1
Gi2_10495786_x8.....guucgauuuccAgggcgcccggagc..... 1
Gi3_27331577_x8.....gguucgCuuccggcgcc..... 1
Gi5_8497897_x8.....guucgGuuccggcgcccggagc..... 1
Gi2_10467634_x8.....guucgauuuccgUcggcccggagc..... 1
G1a_5671057_x8.....Aguucgauuuccggcgcccggagc..... 1
Gi3_27425942_x7.....guucgauuuccggcgcccggagcgC..... 1
Gi5_8523892_x7.....guucgauuuccggcgcccAgagc..... 1
Gi3_27394498_x7.....gguucgauuuccggAgcccgg..... 1
Gi5_8521939_x7.....guucgauuuccggcgGcg..... 1
Gi5_8507155_x7.....Gcgauuuccggcgcccggagc..... 1
Gi3_27379581_x7.....gguucgauuuccggcgUc..... 1

Gi1_3960671_x7.....guucCauucccgcgccgg..... 1
Gi1_3958641_x7.....gguucgauucccggcAccggagc..... 1
Gi2_10509617_x7.....guucgauuccUggcgccgga..... 1
Gi2_10509813_x7.....guuUgauucccgcgccgga..... 1
Gi2_10514692_x7.....guuAgauucccgcgccgg..... 1
Gi2_10522343_x7.....uGcgauucccgcgccggagc..... 1
Gi5_8506252_x7.....gguucgauucccgcgccgAagc..... 1
Gi2_10525304_x7.....gguucgauucccgcgGcg..... 1
Gi5_8504460_x7.....gguuUgauucccgcgccg..... 1
Gi3_27444233_x7.....guucgauucAcggcgccgga..... 1
Gi5_8512132_x7.....guuAgauucccgcgccgg..... 1
Gi3_27396451_x7.....guucgCuucccgcgccg..... 1
Gi5_8514484_x7.....gguucgauucccggcAccg..... 1
Gi3_27381107_x7.....gguucgauucccgcgUcgg..... 1
Gi5_8515569_x7.....guucgauucccgUgcccga..... 1
Gi2_10499586_x7.....gguucgauucccgcgUcggag..... 1
Gi5_8529464_x7.....Uguucgauucccgcgccggagcguuu..... 1
Gi2_10537645_x7uucucaccNaacagaucg..... 1
Gi2_10503373_x7.....ucgaCuuccggcgccggagc..... 1
Gi1_3973922_x7.....uuUgauucccgcgccgg..... 1
Gi1_3973369_x7.....gguucgauucccgcgccggCgc..... 1
G1a_5687742_x7.Gcucaccaacagaucg..... 1
G1a_5688204_x7.....gGucgauucccgcgccggagc..... 1
Gi3_27424451_x7..cucaccaNcagaucg..... 1
Gi3_27423296_x7.....guuUgauucccgcgccg..... 1
Gi5_8528449_x7.....gguucgauucccAgcgc..... 1
Gi5_8521162_x7.....gguucgauucccgcgccggUgc..... 1
Gi3_27446438_x7.....guucgauuAccggcgccgg..... 1
Gi3_27381044_x7.....guucgauucccgcgAggag..... 1
Gi2_10499642_x7.....Gucgauucccgcgccggagc..... 1
Gi2_10517688_x7.....gguucgauCcccgcgccggag..... 1
Gi3_27431668_x7uucucaccAaacagaucg..... 1
Gi3_27447873_x7.....gguucgauucccgcgccgCa..... 1
Gi3_27414959_x7.....gguucgCuucccgcgccg..... 1
Gi2_10516162_x7.....Cguucgauucccgcgccgg..... 1
Gi3_27411417_x7.....guucgauucAcggcgccggagc..... 1
Gi3_27405824_x7.....gguucgauucccgcgGcgga..... 1
Gi3_27427111_x7.....guucgauucccgcgccGggagc..... 1
Gi3_27409758_x7.....ucgGuucccgcgccggagc..... 1
Gi2_10535055_x7.....ucgauUccggcgccggagc..... 1
Gi5_8505811_x7.....guucgauucccgAcgccc..... 1
Gi1_3962561_x7.....ggAucgauucccgcgccgg..... 1
Gi1_3962540_x7.....gguAcgauucccgcgccgg..... 1
Gi5_8521813_x7.....gguucgauCcccgcgccg..... 1
Gi3_27382605_x7.....uucgauucccgcgccAgagc..... 1
Gi1_3963688_x7.....guuAgauucccgcgccgg..... 1
Gi2_10501994_x7.....guucgCuucccgcgccgg..... 1

Gi3_27448888_x7.....gguucgauucccggcgccggagG..... 1
Gi3_27418193_x7.....Nguucgauucccggcgccggagc..... 1
Gi3_27386308_x7.....gguucgauucccggcUccggagc..... 1
Gi3_27420545_x7.....gguucgauGcccggcgccggagc..... 1
Gi5_8512580_x7.....gguucgGuucccggcgccggag..... 1
Gi3_27446081_x7.....gguucgauuccAggcgcc..... 1
Gi1_3957976_x7.....Cuucgauucccggcgccgga..... 1
Gi3_27445787_x7.....gguucgauucccggcgcUg..... 1
Gi5_8516486_x7.....guucgauucccggcgccggC..... 1
Gi5_8507673_x7.....guucAauucccggcgccggagc..... 1
Gi1_3972046_x7uucucacccaGcagauccgg..... 1
Gi1_3967076_x7.....gguucgauucccggcgccggGgc..... 1
Gi1_3961497_x7.....gUuucgauucccggcgcc..... 1
Gi3_27382640_x7.....guucgauucccggcgcUg..... 1
Gi1_3967475_x7.....ggCucgauucccggcgccgga..... 1
Gi3_27407525_x7.....guucgauucccggcgccggCg..... 1
Gi3_27423527_x7.....cgauuccNgcgccggagc..... 1
Gi5_8530668_x7.Ccucacccaacagauccg..... 1
Gi2_10508350_x7.....gguucgauuccUgcgccggag..... 1
Gi2_10529371_x7.....gguucgaCuucccggcgccggag..... 1
Gi3_27447810_x7.....gguucgauucUcgggcgcc..... 1
Gi3_27425508_x7.....guCcgauucccggcgccg..... 1
Gi3_27447943_x7.....uucgauucNcgggcgccggagc..... 1
Gi1a_5701007_x7.....gguucgauucccgUgcc..... 1
Gi1_3961980_x7.....gguGgauucccggcgccgg..... 1
Gi3_27405733_x7.....guucgaGuucccggcgccg..... 1
Gi2_10512207_x7.....guucgauucccggcgccCgagc..... 1
Gi2_10515833_x7.....gguucgauuccUgggcgcc..... 1
Gi2_10524779_x7.....gguucgauucccgUgccggag..... 1
Gi3_27441874_x7.....guucAauucccggcgccg..... 1
Gi2_10523505_x7.....uGcgauucccggcgccg..... 1
Gi3_27402597_x7uucucacccaacagauccgC..... 1
Gi2_10507881_x7.....guCcgauucccggcgccgga..... 1
Gi1_3968056_x7uucucacccaacCgauccgg..... 1
Gi1_3967965_x7.....guucgauucccggcgccUg..... 1
Gi1_3958823_x7uucucacccaacagaCccg..... 1
Gi5_8508282_x7.....gguucgauucccgAcgccgga..... 1
Gi3_27449252_x7.....guucgauucccggcgccggaCc..... 1
Gi5_8526216_x7..cucacUcaacagauccg..... 1
Gi3_27448104_x7.....ucgaCuucccggcgccggagc..... 1
Gi1_3973243_x7uucucacccaacagauccAg..... 1
Gi1a_5682142_x7.....gguucgauNcccggcgccggagc..... 1
Gi3_27407679_x7.....gguucgauucccggcgcGggag..... 1
Gi5_8519272_x7.....gguCcgauucccggcgccgg..... 1
Gi3_27416485_x7.....gguucgauucccgAgcc..... 1
Gi3_27398712_x7uucucacccaacGgauccgg..... 1
Gi5_8529632_x7.....ggAucgauucccggcgccg..... 1

Gi2_10534873_x7.....guucCauucccggcgcgg..... 1
Gi5_8506868_x7.....gguucgCuucccggcgcggga..... 1
Gi2_10520656_x7uucucacccaacCgaucgg..... 1
Gi3_27451051_x7.....gguCcgauucccggcgcggcc..... 1
Gi5_8523577_x7.....guucgauucccggcgcggUg..... 1
Gi3_27451499_x7.....guucgauucccgggUgccg..... 1
Gi3_27435749_x7uucuUacccaacagauccg..... 1
Gi3_27442532_x7.....gguucgauucAcggcgccg..... 1
Gi3_27445290_x7.....guucgauucccggcgcggCga..... 1
Gi5_8512531_x7uGcucacccaacagauccggguuc..... 1
Gi1_3965249_x7uucucaccccUacagauccgg..... 1
Gi3_27434055_x7.....gguucgauucccggcgcgggagcg..... 0
Gi1_3967139_x7uucucacccaacagaAccg..... 1
Gi5_8503165_x7.....guucgauuAccggcgccg..... 1
Gi5_8527161_x7.....Ugguucgauucccggcgcgggagc..... 1
Gi2_10529735_x7.....guucUauucccggcgcgggag..... 1
Gi3_27426285_x7.....guucgauuccUggcgccg..... 1
Gi2_10522161_x7.....gguCcgauucccggcgcggc..... 1
Gi5_8514904_x7.....Auucgauucccggcgcgggagc..... 1
Gi2_10525598_x7.....gguucgauucccggcgcggC..... 1
Gi3_27432172_x7uucucacccaacagauUg..... 1
Gi5_8503200_x7.....guucgCuucccggcgcgg..... 1
Gi2_10517387_x7.....ggGucgauucccggcgcgg..... 1
Gi1_3958452_x7uucucacccaacagauAgg..... 1
Gi5_8521729_x7.....gCuucgauucccggcgcgggag..... 1
Gi3_27453277_x7.....gguucgauucUcggcgcgg..... 1
Gi2_10525038_x7.....guucUauucccggcgcgg..... 1
Gi5_8511859_x7.....gguucgauucccggcgcggAgc..... 1
Gi5_8530185_x7.....Uguucgauucccggcgcgggagcguu..... 1
Gi2_10501630_x7.....guucgauucccgggUgccggag..... 1
Gi2_10536210_x7.....gguucgauucccgggUgccgg..... 1
Gi3_27386875_x7.....guucgauucccggcgcggggaA..... 1
Gi1_3971206_x7uAcucacccaacagauccg..... 1
Gi2_10576583_x6.....ggAucgauucccggcgcgggag..... 1
Gi5_8547289_x6.....gguucgauucccgggAgccg..... 1
Gi3_27484798_x6.....uCcgauucccggcgcggga..... 1
Gi5_8533417_x6uucucacAcaacagauccg..... 1
Gi1_3988993_x6.....gguucgauucccggcgcggCg..... 1
Gi5_8531353_x6.....gguucgauucAcggcgccggagc..... 1
Gi3_27520444_x6.....gaCucccggcgcgggagc..... 1
Gi1_3978925_x6uGucacccaacagauccg..... 1
Gi2_10569701_x6.....gguucgauucccggcAccg..... 1
Gi1_3985681_x6.....guNcgauucccggcgcgg..... 1
Gi2_10548773_x6uucucacccaacagaCccg..... 1
Gi3_27547384_x6uucAcacccaacagauccg..... 1
Gi3_27525220_x6.....uucgauucccggcgcggC..... 1
Gla_5702458_x6.....Cguucgauucccggcgcgggag..... 1

Gi3_27507706_x6.....guAcgauucccggcgcgg..... 1
Gi2_10589573_x6.....guucgauucccgUcgccgg..... 1
Gi5_8560951_x6uucucacccaacagauAcg..... 1
Gi3_27470788_x6.....gguucgaGucccggcgccggagc..... 1
Gi5_8562223_x6.....guucgaGucccggcgccgg..... 1
Gi5_8533621_x6.....guucgauCcccggcgccgga..... 1
Gi1_3985861_x6.....guCcgauucccggcgcggagc..... 1
Gi3_27469624_x6.....Gagauccggguucgauucc..... 1
Gi2_10562117_x6.....gguucgauucccAgcgccg..... 1
Gi1_3980713_x6...Gcacccaacagauccgggu..... 1
Gi5_8550685_x6.....ucUggguucgauucccggc..... 1
Gi5_8556733_x6.....gguucgauuccUggcgccgga..... 1
Gi5_8545291_x6..Uucacccaacagauccgg..... 1
Gi1_3984469_x6.....guuUgauucccggcgcggagc..... 1
Gi2_10551425_x6.....cgauucccggcgcggagc..... 0
Gi3_27521374_x6.....guucgauucccggcCccgga..... 1
Gi3_27521662_x6.....gguucgGuucccggcgc..... 1
Gi5_8532547_x6.....gguuUgauucccggcgcggagcguu..... 1
Gi3_27491716_x6uucucacccaacagauccgA..... 1
Gi5_8542951_x6..cucacccaacagaCccgg..... 1
Gi1_3975169_x6.....Cuucgauucccggcgcgg..... 1
Gi3_27509530_x6.....acagauccggguucgauucccggcgcggagcC..... 1
Gi3_27510196_x6.....gguucgauucccAgcgcc..... 1
Gi5_8549155_x6.ucucGcccaacagauccg..... 1
Gi5_8543557_x6..cuUacccaacagauccgg..... 1
Gi1_3980503_x6.....gguucgauCcccggcgccggagc..... 1
Gi5_8558725_x6.....gguucgauucccUcgccgg..... 1
Gi3_27464092_x6.....guucgauucccggcAg..... 1
Gi5_8548675_x6.....guucgauucccgGgccc..... 1
Gi5_8533807_x6.....gguucgauucccggcgcggAa..... 1
Gi1_3988279_x6.....Gucgauucccggcgcggagc..... 1
Gi1_3991351_x6.....gauucccggcgcggagc..... 0
Gi5_8547775_x6.....guucgauAcccggcgcgg..... 1
Gi5_8562331_x6.....guucgauucccCgcgccc..... 1
Gi2_10546109_x6.....gguucgauucccggcgccUgagc..... 1
Gi5_8554297_x6.....gguucgauucccggcgcggAc..... 1
Gi3_27518572_x6.....gguucgauuAccggcgccgga..... 1
Gi3_27511798_x6.....guucgauucccggcUcgag..... 1
Gi5_8555773_x6.....gguucgauucccggcAccggag..... 1
Gi2_10568933_x6.....gguucgauucccgGgcc..... 1
Gi2_10576511_x6.....gCuucgauucccggcgcgg..... 1
Gi2_10578299_x6.....cUauucccggcgcggagcguuuc..... 1
G1a_5719582_x6.....Uuucgauucccggcgccc..... 1
Gi3_27478264_x6.....guucUauucccggcgccc..... 1
Gi3_27532678_x6uucucacccaacagauUgg..... 1
Gi3_27482182_x6.....gguucgauucccggcgcggU..... 1
Gi3_27515602_x6.Gcucacccaacagauccgg..... 1

Gi2_10574429_x6.....Ccgaaucccggcgcggagc..... 1
Gi2_10575779_x6.....gAucgaaucccggcgccgga..... 1
Gi1_3975235_x6.....guucgaaucccggcgccgGgc..... 1
Gi3_27527164_x6.....gguucgaaucccgAcgccgg..... 1
Gi5_8560213_x6.....gUuucgaaucccggcgccggagcguuu..... 1
Gi1_3992917_x6.....ucgauuAccggcgccggagc..... 1
Gi2_10574765_x6.....gguucgaaucccggcgcA..... 1
Gi1_3993187_x6.....gCucgaaucccggcgccg..... 1
Gi5_8563561_x6.....gguuUgauuaccggcgccggag..... 1
Gi2_10556015_x6.....guucgaaucccggcAccggag..... 1
Gi2_10569353_x6.....cUcaacagauccggguuc..... 1
Gi3_27477280_x6.....Ugguucgaaucccggcgccg..... 1
Gi1_3991867_x6.....guucgaaucccgUgccgga..... 1
Gi3_27542590_x6.....ucgaaucccggcgccggGgc..... 1
Gi5_8535757_x6.....Cguucgaaucccggcgccggag..... 1
Gi4_530649_x6.....Uuucgaaucccggcgccgga..... 1
Gi5_8550985_x6.....gguucgaaucccggcgcUgg..... 1
Gi3_27501868_x6.....gguucgaaucccgGgccggag..... 1
Gi5_8561839_x6.....gCuucgaaucccggcgccgga..... 1
Gi2_10585175_x6.....gguucgaaucccggcgcU..... 1
Gi1_3980479_x6.....guucgaaucccggcgccA..... 1
Gi3_27509992_x6.....guucgaauccAggcgccggagc..... 1
Gi2_10580399_x6.....guucgaaucccggcgcAg..... 1
Gi5_8544295_x6.....ccUaacagauccggguuc..... 1
Gi2_10574453_x6.....gguCcgauuaccgggcgccg..... 1
Gi2_10567661_x6.....guucgauCcccggcgccg..... 1
Gi5_8538079_x6Cucucacccaacagauccgg..... 1
Gi3_27501688_x6.....uGgauuaccggcgccgga..... 1
Gi2_10549907_x6.....guucgaaucccgAcgccgga..... 1
Gi3_27478312_x6uAcucacccaacagauccg..... 1
Gi2_10585691_x6.....gguucgaaucccggcgcAgga..... 1
Gi2_10590599_x6.....gguucgaaucccUgcgccg..... 1
Gi2_10558439_x6.....cgauuaccgggcgccggagcguuG..... 1
Gi5_8555503_x6.....guucgauuccAgcgccggagc..... 1
Gi5_8531137_x6.....gguucgGuuaccgggcgccgga..... 1
Gi3_27484174_x6.....gguucgaaucccggcgccU..... 1
Gi5_8549311_x6.....gguuAgauuaccgggcgccggagc..... 1
Gi3_27494680_x6uucucacAcaacagauccgg..... 1
Gi5_8558587_x6..cucacccaCcagauccgg..... 1
Gi5_8534767_x6.....guucgUuuccgggcgccg..... 1
Gi2_10563647_x6.....gguuUgauuaccgggcgccggag..... 1
Gi1_3984025_x6.....guucgauuNccggcgccgga..... 1
Gi5_8550865_x6.....guucgaGuuccgggcgccg..... 1
Gi3_27465052_x6.....guucgaauccgggcgccgU..... 1
Gi3_27525706_x6.....guucgauuccUgcgccg..... 1
Gi3_27498148_x6Cucucacccaacagauccgg..... 1
Gi3_27535378_x6.....gguuGgauuaccgggcgccg..... 1

Gi2_10565009_x6.....gguucgauuccUgcgccgga..... 1
Gi2_10542875_x6.....guucgauuccggcgUgga..... 1
Gi2_10558097_x6.....gguucgauuccggcgUggag..... 1
Gi2_10549547_x6.....gguucgauuccggcgccggaA..... 1
Gi5_8541073_x6.....guucgauuccgUcgccg..... 1
Gi3_27541582_x6.....uucgauucNcggcgccgga..... 1
Gi3_27536362_x6.....guucgauuccggcgccUg..... 1
Gi5_8545987_x6.....gguAcgauuccggcgccggagc..... 1
Gi3_27472150_x6.....guucgauuccgUcgccggagc..... 1
Gi2_10545881_x6.....guucgauuccggcgUcg..... 1
Gi5_8536891_x6.....gguucAauuccggcgccgg..... 1
Gi2_10544189_x6.....gguuGgauuccggcgccg..... 1
Gi3_27511150_x6.....gguuGgauuccggcgccg..... 1
Gi3_27509242_x6.....aacagauccggguucgauuccggcgccggagc..... 0
Gi1_3986503_x6.....Aguucgauuccggcgccg..... 1
Gi2_10580027_x6.....Gcgauuccggcgccggag..... 1
Gi5_8548669_x6.....gguuUgauuccggcgccgga..... 1
Gi5_8532871_x6.....gguucgauuccggcgAg..... 1
Gi1_3992161_x6.....guucgauuccggcgAccgga..... 1
Gi1_3986059_x6.....guucgauuccggcgccgU..... 1
Gi5_8554057_x6.....gguGcgauuccggcgccg..... 1
Gi2_10569563_x6.....guucgauuccggcgccggC..... 1
Gi3_27515596_x6.....gauuccggGgccggagc..... 1
Gi5_8548093_x6.....guucgauuccggcgAccgga..... 1
Gi2_10578713_x6.....Gagauccggguucgauucc..... 1
Gi2_10583597_x6.....gguCcgauuccggcgccgga..... 1
Gi5_8551537_x6.....gguucgauuccAgcgccgg..... 1
Gi1_3993481_x6.....guucgauuccggcgUcg..... 1
Gi3_27548074_x6.....cgauuccggcgccAgagc..... 1
Gi5_8543503_x6.....gguucgauAccggcgccggagc..... 1
Gi2_10561487_x6.....guucUauuccggcgccgga..... 1
Gi1_3981253_x6.....guuGgauuccggcgccg..... 1
Gi2_10586393_x6uucaccccGacagauccg..... 1
Gi2_10566755_x6.....guucgauuccUgcgccggagc..... 1
Gi3_27459346_x6.....gguucgauuccGggcgccggag..... 1
Gi3_27487786_x6.....gguucUauuccggcgccgga..... 1
Gi2_10548545_x6.....guucgauuccAgcgccggagc..... 1
Gi1_3982381_x6.....guucgauuccUggcgccg..... 1
Gi3_27511738_x6.....guucgauuccggcgAccg..... 1
Gi3_27495448_x6..cCaccaacagauccgg..... 1
Gi3_27463690_x6.....gguucgaAuuccggcgccgga..... 1
Gi1_3992587_x6.....guAcgauuccggcgccgga..... 1
Gi3_27488302_x6.....ucgauuccggcgccggCgc..... 1
Gi2_10587971_x6.....gguucgauucAcggcgccggag..... 1
Gi3_27531694_x6.....gguGgauuccggcgccggagc..... 1
Gi1_3990205_x6.....Aguucgauuccggcgccggag..... 1
Gi2_10567193_x6.....gguucgauuccggcgAccgag..... 1

Gi1_3978103_x6.....Cguucgauucccgcgccggagc..... 1
Gi3_27581747_x5.....gguucgauucccgcgCagg..... 1
Gi1_4001215_x5.....gguucgauucccgAgccgg..... 1
Gi1_4014305_x5.....guucgauGccggcgccgg..... 1
Gi5_8596607_x5.....ggAucgauucccgcgcc..... 1
Gi3_27588207_x5.....agUuccggguucgauucc..... 1
Gi1a_5763772_x5.....gGucgauucccgcgccg..... 1
Gi2_10615105_x5.....agUuccggguucgauucc..... 1
Gi2_10617540_x5.....uUgauucccgcgccggagc..... 1
Gi1_4005155_x5.....gguucgauNcccgcgccgga..... 1
Gi3_27549482_x5.....gCuucgauucccgcgcc..... 1
Gi2_10614235_x5.....guucgauucccgUgccc..... 1
Gi3_27605667_x5uGcucaccaacagauccggguuc..... 1
Gi5_8579392_x5.....guucgauuAccggcgccgg..... 1
Gi5_8576487_x5uuUucaccaacagauccgg..... 1
Gi2_10592560_x5uucucaccaacagaucc..... 1
Gi3_27574032_x5.....Gaccaacagauccggguuc..... 1
Gi2_10634505_x5.....guucgauucccgcgCagg..... 1
Gi1_4017635_x5.....guucgauucccgcgccggC..... 1
Gi5_8598692_x5uucucacccGacagauccg..... 1
Gi1_3995460_x5uuAucaccaacagauccg..... 1
Gi5_8600352_x5.....guucgauCcccgcgccggagc..... 1
Gi1_4007875_x5uucucaccaacagaCccgg..... 1
Gi2_10602770_x5.....gguucgauucccgUcgccggagc..... 1
Gi3_27567232_x5uucucaccaacagaucc..... 1
Gi3_27593912_x5.....gguucgauuUccggcgcc..... 1
Gi2_10622310_x5.....gCuucgauucccgcgccg..... 1
Gi3_27595842_x5.....gguucgUuucccgcgccgga..... 1
Gi3_27585937_x5uucucaccaacagauUcg..... 1
Gi2_10630340_x5.....gguuGgauucccgcgccggag..... 1
Gi5_8570127_x5uucucaccaCcagauccg..... 1
Gi5_8566427_x5uucucGcccaacagauccg..... 1
Gi5_8566167_x5.....gUguucgauucccgcgccggagc..... 1
Gi2_10627645_x5.....guucgauAcccgcgccgg..... 1
Gi1_4010650_x5.....guucgauucccgcgccggagcgC..... 1
Gi1_4006125_x5.....guucgauucccgcgccgAa..... 1
Gi3_27635117_x5.....gguucAauucccgcgcc..... 1
Gi3_27572302_x5.....gguucgauuccUgccc..... 1
Gi3_27618362_x5...Gaccaacagauccggguuc..... 1
Gi3_27555052_x5.....agauccggguucgauucccgcgccgg..... 0
Gi3_27586067_x5.....gUguucgauucccgcgccggag..... 1
Gi2_10598525_x5.....guucgauucccgcgccggUgc..... 1
Gi1_4015470_x5.....guucgauucGggcgccgg..... 1
Gi3_27630187_x5uucucacccGacagauccg..... 1
Gi1_4009905_x5uucucacccGacagauccg..... 1
Gi2_10613545_x5.....ucgauucccgcgccggUgc..... 1
Gi2_10642580_x5.....gAucgauucccgcgccgg..... 1

Gi3_27650387_x5.....gguNcgauuccggcgccgga..... 1
Gi5_8597617_x5.....gguucgauucccAgcgccggag..... 1
Gi5_8576632_x5..cucaccaGcagauccgg..... 1
Gi5_8598442_x5.....guucgaGuccggcgccggagc..... 1
Gi1_4004885_x5uucucaccaacagauUcg..... 1
Gi1_4017240_x5.....guucgauNccggcgccggagc..... 1
Gi2_10643425_x5.....guucgauuccggcgccggaCc..... 1
Gi5_8596177_x5.ucucaccaacCgauccg..... 1
Gi5_8568342_x5.....gUuucgauuccggcgccggagcguu..... 1
Gi3_27601762_x5.....gguucgauucccgGgcccga..... 1
Gi1_4003445_x5.....gguucgauNcccggcgccggag..... 1
Gi3_27561792_x5.uGucaccaacagauccg..... 1
Gi3_27550742_x5.....guucgaAucccggcgccggagc..... 1
Gi5_8594457_x5.....guucgauuccUggcgccgga..... 1
Gi3_27655387_x5.....Gaacagauccggguucgauucc..... 1
G1a_5735567_x5.....guCcgauuccggcgccgg..... 1
Gi5_8590282_x5.....gguCcgauuccggcgccgga..... 1
Gi5_8566407_x5uucucacUcaacagauccg..... 1
Gi1_4008040_x5.....guucgauuccggcgGccggagc..... 1
Gi3_27589007_x5.....guucgauucccgUcgccggag..... 1
Gi5_8569292_x5.....gguucgaCucccggcgccgga..... 1
Gi5_8577237_x5.....cGcaacagauccggguuc..... 1
Gi3_27607117_x5.....ucgauuccggcgccgAagc..... 1
Gi3_27596067_x5uucucaccUaacagauccg..... 1
Gi1_4011340_x5.....gguucgCuuccggcgccg..... 1
Gi3_27610652_x5.....ucgauucUcgggcgccggagc..... 1
Gi2_10602855_x5.....guuAgauuccggcgccggagc..... 1
Gi5_8594042_x5.....gguucgauucccgUgcccga..... 1
Gi3_27651732_x5.....guucgauucccgAgcccggag..... 1
Gi5_8571622_x5.....gguucgauCcccggcgccggag..... 1
Gi1_4005055_x5.....agUuccggguucgauucc..... 1
Gi5_8575312_x5.....guucgauuccUggcgccggagc..... 1
Gi2_10606795_x5.....gguucgauuccUggcgccgga..... 1
Gi3_27611272_x5.....guucgUuuccggcgccgga..... 1
Gi5_8591757_x5.....gguucgauuccggcAccgg..... 1
Gi1_4010410_x5.....Auucgauuccggcgccg..... 1
Gi3_27604932_x5.ucucaccaacagaCccg..... 1
Gi2_10605435_x5.....ucgauuccNggcgccggag..... 1
Gi3_27613417_x5...uGaccaacagauccggguuc..... 1
Gi5_8575227_x5.....guucgaAucccggcgccgg..... 1
Gi5_8575022_x5.....gguucgaCucccggcgccggag..... 1
Gi1_4006725_x5uucAcaccaacagauccg..... 1
Gi1_3995685_x5.....Gcgauuccggcgccggagc..... 1
Gi5_8588572_x5.....acagauccggguucgauuccggcgccggagcC..... 1
Gi3_27642202_x5.....gguAcgauuccggcgccgga..... 1
Gi3_27574422_x5.....uucgauuccggUgcccggagc..... 1
Gi5_8592097_x5.....gguuGgauuccggcgccggagc..... 1

Gi1_4014320_x5uucucaccaacCgauccg..... 1
G1a_5752867_x5.....gguucgauucccggcgcggGgc..... 1
Gi5_8571147_x5.....guucgauucccggcgcAgga..... 1
Gi2_10591920_x5.....gguucgauucccggcgcUgg..... 1
Gi1_3996520_x5.....guucUauucccggcgcggga..... 1
Gi3_27588697_x5.....guucgauucccgAcgccggag..... 1
Gi1_4010130_x5uucucaccaacagauAcg..... 1
Gi2_10642120_x5.....guucgauucccggcgcGggagc..... 1
Gi2_10645020_x5.....gguucgauUccgggcggag..... 1
Gi2_10638655_x5.....guucgauucccggcgcUggag..... 1
Gi3_27640892_x5uucucaccccUacagauccg..... 1
Gi1_3999215_x5.....uucgauucNcgggcgcgg..... 1
Gi1_4000445_x5.....gguucgauucccggcgcggA..... 1
Gi3_27600652_x5.....ucgauuccNggcgccggag..... 1
Gi1_4017165_x5uucucacAcaacagauccg..... 1
Gi5_8565527_x5.....cccaacagNuccggguuc..... 1
Gi2_10624170_x5.....gguucgauucccggcgcAg..... 1
Gi2_10633035_x5.....guAcgauucccggcgcggag..... 1
Gi3_27619477_x5Aucucaccaacagauccg..... 1
Gi3_27566502_x5.....ggguucgauucccggcgcUcg..... 1
Gi3_27551832_x5.....gguucgauCcccggcgc..... 1
Gi3_27622827_x5.....gguucgauucccggcCccgga..... 1
Gi3_27574737_x5.....guucgauucccggcgcCa..... 1
Gi2_10646650_x5.....cUggguucgauucccggcgcggag..... 1
Gi3_27653367_x5.....uucgaCuuccgggcgcggagc..... 1
Gi3_27577512_x5.....guucgauucccggcgcUcg..... 1
Gi3_27612727_x5.....gguucgauucGcgggcgcggagc..... 1
Gi1_4012760_x5uucucaccaacagaucca..... 1
Gi3_27651257_x5.....gguucAauucccggcgcgg..... 1
Gi2_10604880_x5.....gguucgauuccAggcgcggga..... 1
Gi2_10622855_x5.....gguucgauucccggcgcCag..... 1
Gi1_4001675_x5.Ccucaccaacagauccg..... 1
Gi3_27591427_x5.....ucgauuccNggcgccgga..... 1
Gi1_4002880_x5.....guucgauucccggcgcUcgagc..... 1
Gi2_10594165_x5.....gguucgauuccAggcgc..... 1
Gi2_10626120_x5.....gguGcgauucccggcgcggagc..... 1
Gi5_8582857_x5.....gguucgauAccgggcgcggagc..... 1
Gi2_10630375_x5.....gguucgauCcccggcgcgg..... 1
Gi1_4015505_x5.....guucgauucccgGgcgg..... 1
Gi2_10604695_x5.....gguucgauucccgAgccggag..... 1
Gi3_27608742_x5.....ggAucgauucccggcgc..... 1
Gi1_4003015_x5.....guucgauucccggcgcUg..... 1
Gi2_10592830_x5.....guucgUuuccgggcgcggagc..... 1
Gi5_8590502_x5.....gguucgauucccggcgcUcg..... 1
Gi2_10596120_x5.....guucgCuuccgggcgcggagc..... 1
Gi2_10615215_x5.....gguucgauucccgCcgccggagc..... 1
Gi3_27654967_x5.....gguucgauucccggcgcCga..... 1

Gi3_27621692_x5.....gguuUgauucccggcgccgg..... 1
Gi1_3995375_x5.....gguucgauucccggcgccAga..... 1
Gi1_3994800_x5..cucaccaacagGuccgg..... 1
Gi3_27599387_x5.....ucgauucccggcgccggG..... 1
G1a_5753682_x5.....gguuUgauucccggcgccggagc..... 1
Gi3_27567322_x5.....gauucccggcgccggCgc..... 1
Gi5_8589032_x5.....gguucgauucccggcgccggagcU..... 1
Gi5_8590737_x5.....gAuucgauucccggcgccgg..... 1
Gi3_27619017_x5.....gguucgauucccggcgccCg..... 1
Gi2_10642000_x5.....ggNucgauucccggcgccggagc..... 1
Gi5_8584982_x5.....gguucgauucccgGgccc..... 1
Gi1_4009640_x5.....ucgauuccNggcgccggagc..... 1
Gi3_27584367_x5.....gguucgauucccgCcgccggagc..... 1
Gi2_10631330_x5.....gguucgauucccgGgccc..... 1
Gi2_10599780_x5.....gguucgauucccggcCaggag..... 1
Gi1_4015315_x5uucucaccaacagaucAg..... 1
Gi2_10627080_x5.....guucgauucccgAgccc..... 1
Gi3_27640812_x5.....cccaacagaGccggguucgauucc..... 1
Gi3_27559772_x5.....cagauccggGucgauucc..... 1
Gi5_8591027_x5.....guucgauucccggcgccggU..... 1
Gi1_4012755_x5.....uGcgauucccggcgccggagc..... 1
Gi5_8592012_x5.....Cuucgauucccggcgccggagc..... 1
Gi3_27641547_x5.....ucUauucccggcgccggag..... 1
Gi1_4011745_x5uucGaccaacagauccg..... 1
Gi1_3995530_x5.....gguucgauucccggcAcggagc..... 1
Gi1_4015240_x5uucucacAcaacagauccg..... 1
Gi3_27581737_x5.....guucgauucccggcAcggag..... 1
Gi2_10630885_x5.....ucgauucccggcgccggCgc..... 1
Gi5_8594797_x5.....guAcgauucccggcgccgga..... 1
Gi2_10628225_x5.....gguucgaGucccgggcgccggagc..... 1
Gi3_27595807_x5.....ucgauucccgGgcccggagc..... 1
Gi2_10623165_x5.....gCucgauucccggcgccgga..... 1
Gi5_8586612_x5.....gguucgauucccgGgccc..... 1
Gi3_27623577_x5.....gguucgauucccggcUccgga..... 1
Gi1_4003010_x5uucucaccaacagauccgA..... 1
Gi3_27644187_x5.....guucgUuucccggcgccggag..... 1
Gi5_8602037_x5..ucaccaacGgauccggguu..... 1
Gi4_536278_x5.....gguucgauucccggcgccg..... 0
Gi5_8592172_x5.....gguucgauucccggcgccggU..... 1
Gi5_8597282_x5..cucaccaacagCuccgg..... 1
Gi1_3998275_x5.....guucgauucccggcAcgga..... 1
Gi1_3996660_x5uucucaccaacagCuccg..... 1
Gi1_4011460_x5.....aUagauccggguucgauucc..... 1
Gi1_3996170_x5.....gguucgauucccggcgccC..... 1
Gi5_8601592_x5.....guucgauucccggcgccC..... 1
G1a_5760217_x5.....ggCucgauucccggcgccggagc..... 1
Gi2_10626655_x5.....gguucgauucccgGgccc..... 1

Gi2_10616180_x5.....guucgauucccgUcgccg..... 1
Gi5_8577467_x5.....guAcgauucccggcgcccggagc..... 1
Gi2_10645415_x5.....guucAauucccggcgccc..... 1
Gi5_8581037_x5.....gguucgauCcccggcgcc..... 1
Gi5_8605199_x4..cucaccaacCgauccgg..... 1
Gi3_27667689_x4.....caacagauNcggguucga..... 1
Gi3_27795865_x4.....gguucgauucccggcgcccCgag..... 1
Gi5_8635967_x4uucucaUccaacagauccg..... 1
Gi1_4037176_x4.....gguCcgauucccggcgcccggagc..... 1
Gi3_27665241_x4uucucaccaacagauccA..... 1
Gi1_4023416_x4..cCaccaacagauccgg..... 1
Gi2_10689443_x4.....gguucUauucccggcgcccggagc..... 1
Gi2_10695635_x4.....ucgauucccgUgcccggagc..... 1
Gi3_27769641_x4.....gguucUauucccggcgcccggag..... 1
Gi1_4044292_x4uucAcaccaacagauccgg..... 1
Gi5_8614263_x4.....gguucgauucccggcgAcgg..... 1
Gi3_27730749_x4.....Aauucccggcgcccggagc..... 1
Gi2_10682415_x4.....guucgauuUccggcgcccga..... 1
Gi3_27701357_x4.....Ggauccggguucgauucc..... 1
Gi3_27737637_x4.....gguucgauucccggcgcccgaC..... 1
Gi5_8627543_x4.ucGaccaacagauccg..... 1
Gi3_27787413_x4.....ucgauucccgAcgcccggagc..... 1
Gi1_4034080_x4.....guucgauuNccggcgccc..... 1
Gi3_27784853_x4.....gguucgauuAccggcgccc..... 1
Gi3_27792825_x4.....guucCauucccggcgcccgg..... 1
Gi5_8636847_x4uucucaccaacagauccgAguuc..... 1
Gi5_8603079_x4.....gguucgauucccCgcccgg..... 1
Gi2_10677995_x4.....gguucgauucccgAcgcccgg..... 1
Gi1_4022416_x4.....gguucgauucccAgcggcccggagc..... 1
Gi3_27687081_x4uucucacUaacagauccg..... 1
Gi2_10721295_x4.....cagauccggguucgauucccggcgcccga..... 0
Gi2_10706115_x4.....gguucgauucccgAcgccc..... 1
Gi5_8649707_x4uucucaccUaacagauccg..... 1
Gi5_8624019_x4.....guucgauucUcggcgcccggagc..... 1
Gi2_10712155_x4.....ucgaGucccggcgcccggagc..... 1
Gi2_10704539_x4.....Agguucgauucccggcgcccggagc..... 1
Gi2_10711235_x4uucucaccaacaAauccgg..... 1
Gi3_27683097_x4.....guNcgauucccggcgcccga..... 1
Gi3_27778965_x4..cuUaccaacagauccgg..... 1
G1a_5789218_x4.uGucaccaacagauccg..... 1
Gi3_27735613_x4.....guucgauucccggcgUggag..... 1
Gi5_8623143_x4.....gguCcgauucccggcgccc..... 1
Gi5_8647743_x4..ucaccaacagauccggCu..... 1
Gi3_27734441_x4.....cgauucccggcgcccggagcA..... 1
Gi5_8633523_x4.....guucAauucccggcgcccga..... 1
Gi2_10660771_x4.....guucgauucccgAgcccgg..... 1
Gi1_4025668_x4.....guucgauucccggcgUcgga..... 1

Gi1_4047284_x4.....guucgGuucccgccgaggc..... 1
Gi2_10681731_x4.....guucgauuccUgcgccg..... 1
Gi2_10669571_x4.....ggguucgauucccgccgaggc..... 0
Gi3_27754773_x4.....uUgauucccgccgaggc..... 1
G1a_5805290_x4uGcucaccaacagauccg..... 1
Gi3_27795609_x4.....uCcgauucccgccgaggc..... 1
Gi2_10681647_x4.....gguucCauucccgccgaggc..... 1
Gi1_4029416_x4.....uGgauucccgccgaggc..... 1
Gi3_27668109_x4.....guucgauucccgccgAgc..... 1
Gi3_27683689_x4.....ucgGuucccgccgaggc..... 1
Gi2_10678799_x4.....uuUgauucccgccgaggc..... 1
Gi3_27784729_x4uucucacccaUcagauccg..... 1
Gi2_10669251_x4uucucaccaacagauUg..... 1
Gi5_8629787_x4.....gguucgauuccUgcgccgaggc..... 1
Gi1_4039424_x4uucucaccAaacagauccg..... 1
G1a_5772702_x4uucucGcccaacagauccg..... 1
Gi1_4019692_x4.uGucaccaacagauccg..... 1
Gi1_4030560_x4.....Cguucgauucccgccgaggc..... 1
Gi3_27730345_x4.....gguucgauuAccggccgaggc..... 1
Gi1_4026548_x4.....guGcgauucccgccgaggc..... 1
Gi2_10660663_x4.....uucgauucNcgccgaggc..... 1
Gi5_8639583_x4.....gguuUgauucccgccgaggc..... 1
Gi1_4040124_x4.....guCcgauucccgccgaggc..... 1
Gi2_10693463_x4.....gguucgauuccAggcccgaggc..... 1
Gi1_4036324_x4.....gCuucgauucccgccgaggc..... 1
Gi3_27731089_x4.....Ccgauucccgccgaggc..... 1
Gi1_4031772_x4.....guucgauucccgccgaggc..... 1
Gi5_8633619_x4.....guucgauucccgccgaggcU..... 1
Gi2_10666835_x4.....Acgauucccgccgaggc..... 1
Gi2_10711727_x4.....guucAauucccgccgaggc..... 1
Gi3_27773113_x4.....gUguucgauucccgccgaggc..... 1
Gi2_10687567_x4.....guucCauucccgccgaggc..... 1
Gi2_10714383_x4uucCcacccaacagauccg..... 1
Gi2_10657371_x4.....guucgauucccgccgaggc..... 1
Gi5_8618571_x4uucucaccaacagauUg..... 1
Gi5_8638887_x4.....guucgauuUccggccgaggc..... 1
Gi5_8615995_x4.....gAuucgauucccgccgaggc..... 1
Gi1_4029016_x4.ucucacccNacagauccg..... 1
Gi2_10665975_x4.....gguucgauucUcggccgaggc..... 1
Gi3_27778913_x4.....guucgauucccgccgaggc..... 1
Gi3_27763597_x4.....cagauccggguucgGuucc..... 1
Gi5_8632635_x4.....gguucgauucccgccgaggcU..... 1
Gi2_10718583_x4.....ggAucgauucccgccgaggc..... 1
Gi3_27753053_x4.....caUcagauccggguucgauucc..... 1
Gi3_27721721_x4.....gguucgauuGccggccgaggc..... 1
Gi5_8637387_x4.ucucaccUaacagauccg..... 1
Gi2_10723707_x4.....ucgauuccUggccgaggc..... 1

Gi5_8607155_x4.....Gccaacagauccggguuc..... 1
Gi1_4035960_x4.....agaucggguucgCuucc..... 1
Gi5_8619295_x4.....guucgauucAcggcgccggagc..... 1
Gi3_27780217_x4.....Ccgauuccggcgccgga..... 1
Gi5_8611723_x4.....gaucggguucgauucc..... 0
Gi1_4047016_x4.....gguucgauuccggcgUggagc..... 1
Gi5_8608147_x4..cucacccGacagauccgg..... 1
Gi2_10688451_x4.....guucgauuccggcgGcgg..... 1
Gi2_10700483_x4.....gguucgauucUcggcgccg..... 1
Gi2_10717623_x4.....gguucgauuGcggcgccggagc..... 1
Gi1_4027556_x4.uUucacccaacagauccg..... 1
Gi3_27713285_x4.....Gggguucgauuccggcgccgga..... 1
Gi5_8616915_x4.....gauuccgNcgccggagc..... 1
Gi3_27771121_x4.....Cgguucgauuccggcgccggagc..... 1
Gi1_4039380_x4.....guucgauuccggcgccggagU..... 1
Gi1_4033656_x4.....agaucggNuucgauucc..... 1
Gi2_10684211_x4.....gguucgauuccUggcgccgg..... 1
Gi1_4028852_x4.....guucgGuuccggcgccgga..... 1
Gi3_27766557_x4.....cgUuuccggcgccggag..... 1
Gi1_4031176_x4.....guucgauuccAgcggccggagc..... 1
Gi2_10690695_x4.....gguucgGuuccggcgccgg..... 1
Gi3_27771089_x4.....gguucgauAccggcgccg..... 1
Gi3_27746029_x4.....gguucgUuuccggcgccggag..... 1
Gi2_10677467_x4.....gAucgauuccggcgccg..... 1
Gi2_10683207_x4..cGcaccacaacagauccgg..... 1
Gi3_27735701_x4.....guucgauuccGggcgccgg..... 1
Gi2_10685383_x4.....gguucgauucccgAcgccggag..... 1
Gi1_5786382_x4.....guucgaCuccggcgccgga..... 1
Gi5_8638219_x4.....guucgaAuuccggcgccg..... 1
Gi1_4017968_x4.....gguucgauuAccggcgccgg..... 1
Gi1_4032704_x4.....gguucgauucccgAgccggagc..... 1
Gi5_8624351_x4.....gguucgauuccggcgccggUg..... 1
Gi5_8644247_x4.....gguuGgauuccggcgccg..... 1
Gi5_8622683_x4.....guCcgauuccggcgccggagc..... 1
Gi2_10670995_x4.....guucgGuuccggcgccggag..... 1
Gi3_27685073_x4.....gguucgauuAccggcgccg..... 1
Gi5_8635099_x4..cucacccaaUagauccgg..... 1
Gi5_8611627_x4.....guucgauuccggcgccgAa..... 1
Gi3_27778521_x4.....guucgauuccggcgccUgagc..... 1
Gi5_8623607_x4.....guucgauuccggcgUggagc..... 1
Gi5_8609459_x4.....gguucgCuuccggcgccgg..... 1
Gi2_10724311_x4.....gguucgauuccAgcgccgg..... 1
Gi1_4039752_x4..cucacccaNcagauccgg..... 1
Gi2_10685011_x4.....gAuucgauuccggcgccg..... 1
Gi3_27695869_x4.....gguucCauuccggcgccggagc..... 1
Gi2_10695131_x4.....gguucgauucccgAcgccgga..... 1
Gi5_8602619_x4.....guucgGuuccggcgccgga..... 1

Gi2_10657263_x4.....guucgauucccgAcgccg..... 1
Gi2_10693895_x4.....guucgauucccggcUcggag..... 1
Gi3_27672645_x4.....gauUccggcgccggagc..... 1
Gi3_27694377_x4.....guucgauucUcggcgccggag..... 1
Gi5_8625803_x4.....gguucgCuucccggcgc..... 1
Gi3_27750101_x4uuUucacccaacagauccggguuc..... 1
Gi3_27664693_x4.....cGgauccggguucgauucccggcgcgg..... 1
Gi2_10703143_x4.....gguucgauucccggcCccggagc..... 1
Gi5_8631527_x4.....uGcgauucccggcgcgg..... 1
Gi1_4046344_x4uucucacccaacagauUcgg..... 1
Gi1_4033416_x4.....gguucgauucccggcgcgg..... 0
Gi5_8623915_x4.....gguucgauucccgAgccggag..... 1
Gi3_27761817_x4.....guucgauucccgGgcccga..... 1
Gi2_10670415_x4.....Gccggguucgauucccggcgcggga..... 1
Gi1_4046608_x4.....gguucgauAcccggcgcgg..... 1
Gi3_27772357_x4.....guucgCuucccggcgcggag..... 1
Gi3_27772193_x4.Ccucacccaacagauccg..... 1
Gi3_27680801_x4.....gguucgauucccggcCccggag..... 1
Gi2_10706091_x4.....ggAucgauucccggcgcgg..... 1
Gi5_8623135_x4uucucacccaacagCuccg..... 1
Gi5_8642475_x4.....gguucgauucccggcgcggA..... 1
Gi1_4039608_x4.....ucgauucccggcgcggagcCu..... 1
Gi1_4033028_x4uucucacUcaacagauccgg..... 1
G1a_5784282_x4.....gguucgauNcccggcgcggag..... 1
G1a_5812030_x4.....guucgaCucccggcgcgg..... 1
Gi3_27749661_x4uucuGacccaacagauccg..... 1
Gi1_4018196_x4.....uucgauucccggcgcUgg..... 1
Gi2_10702083_x4.....gguAcgauucccggcgcggag..... 1
Gi5_8632475_x4.....gguUgauucccggcgcgg..... 1
Gi3_27752297_x4.....guucgauucccggcgcGg..... 1
Gi1_4024384_x4.....gauucccggcgcggagcC..... 1
Gi3_27764721_x4.....gauucccggcgcUggagc..... 1
Gi3_27793009_x4uucucacccaacaAauccg..... 1
Gi1_4037048_x4.....guucgauCcccggcgcggagc..... 1
Gi3_27696305_x4.....guucgauucccgAgccg..... 1
Gi5_8604751_x4.....gguucgauucccggcUccg..... 1
Gi5_8640951_x4..cucacccaacGgauccg..... 1
Gi1_4025512_x4.....guucgauuccUgggcgcggagc..... 1
Gi5_8620595_x4.....gguAcgauucccggcgcgg..... 1
Gi3_27790573_x4.....guucgaGucccggcgcggag..... 1
Gi3_27762773_x4uucucacccaacUgauccg..... 1
G1a_5801486_x4.....cagauccggguucgauucccggcgcggag..... 0
Gi3_27685973_x4.....agauccggNuucgauucc..... 1
Gi2_10700555_x4.....gguucgauucccggcgcggAag..... 1
Gi3_27745305_x4.....gguucgaGucccggcgcggga..... 1
Gi1_4022432_x4.....gguucgauucccggcgcGgg..... 1
Gi2_10653131_x4.....guGcgauucccggcgcggga..... 1

Gi2_10697727_x4.....guucgauucccCgcgccg..... 1
Gi1_4025808_x4.....guucgauucccAgcgccg..... 1
Gi1_4046500_x4..cucaccaacGgauccgg..... 1
Gi1_4026372_x4..ucaccaacagauccggc..... 1
Gi3_27739557_x4.....gguucgauucccggcgccC..... 1
Gi5_8636191_x4uucucacccCacagauccg..... 1
G1a_5768570_x4.....Aguucgauucccggcgccggag..... 1
G1a_5790914_x4.....gguucgGuucccggcgccggagc..... 1
Gi2_10659599_x4.....guucgauuAccggcgccgg..... 1
Gi3_27753009_x4.....cGacagauccggguucgauucc..... 1
G1a_5773650_x4.....Uuucgauucccggcgccgga..... 1
Gi1_4043464_x4.....ggCucgauucccggcgccg..... 1
Gi3_27743185_x4.....uucgauucccggcgccggagcCu..... 1
Gi3_27781409_x4.....ucgauucccggcgccAga..... 1
Gi1_4043420_x4.....gguucgCuucccggcgccggagc..... 1
G1a_5778542_x4uucucaccNaacagauccg..... 1
Gi5_8619903_x4.....guuGgauucccggcgccg..... 1
Gi4_538906_x4.....guucgauucccggcgccggagcCu..... 1
Gi1_4028916_x4.....gguucgauucccggcgccA..... 1
Gi2_10672991_x4.....guAcgauucccggcgccgga..... 1
Gi1_4043404_x4.....guucgauucccggCcgccgg..... 1
Gi3_27718133_x4.....gguucgauuAcccggcgcc..... 1
Gi5_8648907_x4.....guucgauucccggcgccGg..... 1
Gi3_27715681_x4.....gguucgauucccggAcgcc..... 1
Gi2_10677239_x4uucucaccUaacagauccg..... 1
Gi3_27678893_x4.....guucgauucccggcgccCgag..... 1
Gi2_10655231_x4.....gguucgauucccggcUccggagc..... 1
G1a_5807290_x4.....guucgauucccggcgccggCgc..... 1
Gi2_10666019_x4.....guucgauucccggcgccAgga..... 1
Gi5_8638903_x4.ucAcaccaacagauccg..... 1
Gi5_8623479_x4.....gguCcgauucccggcgccggag..... 1
Gi3_27739361_x4.....Uguucgauucccggcgccggagcg..... 1
Gi5_8627359_x4.....gguucgauucccggAgcc..... 1
Gi5_8650211_x4.....gguucgauuccAggcgccc..... 1
Gi3_27681081_x4.....ucgauuccUggcgccggagc..... 1
G1a_5787674_x4.....ggGucgauucccggcgccc..... 1
Gi1_4028920_x4.ucAcaccaacagauccg..... 1
Gi1_4028676_x4.....gguucgauuccAggcgccc..... 1
G1a_5776354_x4.....gguucgauucccggcgccggagcCu..... 1
Gi5_8612051_x4..cucaccaacagauccAg..... 1
Gi1_4042944_x4.....gguucgauucccggcgccAggagc..... 1
G1a_5767494_x4.....gguucgauNcccggcgccc..... 1
Gi3_27791545_x4.....guucgauuccGggcgccgga..... 1
Gi3_27720869_x4uucucacccaacagaCccgg..... 1
Gi5_8612143_x4uucucacccaacagauccAg..... 1
Gi3_27749101_x4.....uucgauCcccggcgccgga..... 1
Gi3_27779217_x4.....guucgauAcccggcgccggag..... 1

Gi4_539122_x4guucgauucccgcgccggagcC..... 1
Gi2_10661863_x4.....guucgauuAccggcgccg..... 1
Gi1_4046468_x4uucucacccaaUagauccg..... 1
Gi3_27761645_x4.uUucacccaacagauccg..... 1
Gi1_4044148_x4.ucucacccaacagCuccg..... 1
Gi5_8621807_x4uucucaccNaacagauccg..... 1
Gi1_4071663_x3.....gguucgauucccgcgCUGga..... 1
Gi1_4071303_x3..cucacccaacagauCUGg..... 1
Gi2_10774735_x3uGcucacccaacagauccg..... 1
Gi3_27835121_x3.....uucgauucccgAcgccggagc..... 1
Gi3_27838577_x3.....uucccgcgccggagcCu..... 1
Gi3_27896120_x3.....uucgauuccUGgccccgga..... 1
Gi5_8702387_x3..cucacccaacagauCUGg..... 1
Gi5_8663876_x3uucuUacccaacagauccg..... 1
Gi1_4060719_x3.....gguucgauuAcggcgccg..... 1
Gi5_8694449_x3.....gguucgauucccgcgccCgagc..... 1
Gi2_10779472_x3.....gguucgauucccgcgCAG..... 1
Gi2_10804204_x3.....guucgauucccgcgccgUagc..... 1
Gi2_10822213_x3.....cgauuccNgcgccggagcguuu..... 1
Gi5_8706995_x3.....gguucgauucccgcgCA..... 1
Gi2_10744057_x3Gucucacccaacagauccggguucg..... 1
Gi1a_5875426_x3.....gguCcgauucccgcgccg..... 1
Gi5_8712719_x3uucucacAcaacagauccg..... 1
Gi3_27887174_x3uucucacccaacagCuccg..... 1
Gi1_4049865_x3uucucacccaacUgauccg..... 1
Gi3_27798860_x3uucucacccaacagauCagg..... 1
Gi5_8680364_x3.....gguucgauuUcggcgccg..... 1
Gi3_27849674_x3.....gguucgauuGccggcgccg..... 1
Gi2_10736971_x3.....gguucgauucccgcgccgC..... 1
Gi3_27955169_x3.....gguucUauucccgcgccg..... 1
Gi2_10795651_x3.....gguucgauuAccggcgccgga..... 1
Gi5_8657915_x3.....gguucgauuccUgcgccg..... 1
Gi3_27892118_x3.....guuNgauucccgcgccg..... 1
Gi3_27877115_x3.....Nuucgauucccgcgccggag..... 1
Gi1_4085529_x3.....guuUgauucccgcgccg..... 1
Gi2_10791523_x3.....gguucgauuUccggcgccg..... 1
Gi1_4085742_x3.....guucUauucccgcgccggagc..... 1
Gi5_8672801_x3.....gguucgauucccgAcgccgg..... 1
Gi3_27950240_x3.....aGccggguucgauucccgcgccgga..... 1
Gi5_8705318_x3.Acucacccaacagauccg..... 1
Gi2_10760845_x3uucucacccaUcagauccg..... 1
Gi2_10751776_x3.....guucgauucccgcgccggU..... 1
Gi3_27843638_x3.....gguAcgauucccgcgccg..... 1
Gi3_27874355_x3.....uccggguuNgauucccgcgccgga..... 1
Gi3_27925016_x3.....gguucgauuGccggcgccgga..... 1
Gi3_27958253_x3.....uUgauucccgcgccggag..... 1
Gi4_552126_x3guucgaCucccgcgccggagc..... 1

Gi5_8715362_x3.....guucgauucccgcgUcgga..... 1
Gi3_27869762_x3.....gauuccgNcgccggagc..... 1
Gi2_10792240_x3.....gguucgauucccgcgccgA..... 1
Gi5_8655605_x3.....guucgauucccgcgccAga..... 1
Gi2_10813018_x3.....ccUaacagauccggguuc..... 1
Gi3_27890375_x3.....cggguucgauucccgcgccgC..... 1
Gi4_548499_x3.....gguucgauucccgcgcc..... 0
Gi1a_5850052_x3.....guucgaCucccgcgccggagc..... 1
Gi2_10743808_x3.....Gcgauucccgcgccgga..... 1
Gi2_10816255_x3.....cccaacagaCccggguuc..... 1
Gi1_4079901_x3.....ggAucgauucccgcgccggagc..... 1
Gi2_10786429_x3.....uGgauucccgcgccggag..... 1
Gi2_10753012_x3.....gguucgauucccgcgccggagcC..... 1
Gi3_27836138_x3uucucacccaaUagauccgg..... 1
Gi5_8685113_x3.....guucgauucccgcgccggaAc..... 1
Gi5_8669642_x3uGcucacccaacagauccggguu..... 1
Gi3_27937088_x3.....Nuucgauucccgcgccggagc..... 1
Gi5_8700377_x3.....uuUgauucccgcgccgg..... 1
Gi1_4048995_x3.....gguucgaCucccgcgccggagc..... 1
Gi3_27911900_x3.....guucCauucccgcgccgga..... 1
Gi5_8657486_x3uucucacccaacagaCccgg..... 1
Gi1_4063026_x3.....gAucgauucccgcgccgga..... 1
Gi2_10765123_x3.....guucCauucccgcgccgga..... 1
Gi3_27970070_x3uucucacUaacagauccg..... 1
Gi2_10784119_x3.....gguAucgauucccgcgccg..... 1
Gi3_27926360_x3.....Aucgauucccgcgccggagc..... 1
Gi3_27949205_x3.....guucgauAcccgcgccg..... 1
Gi2_10821682_x3.....gguucgauuccUcgcc..... 1
Gi4_547647_x3.....gguucgauucccgcgccggag..... 0
Gi1_4063590_x3.....guucgauucccgcgccCga..... 1
Gi1_4085451_x3uucucaAccaacagauccg..... 1
Gi1_4047990_x3uucGcaccacagauccg..... 1
Gi1_4057449_x3.....gguucgauucccgcgccAgagc..... 1
Gi3_27821048_x3.....gguucgauucccgUcgccggagc..... 1
Gi2_10784854_x3.....gguucgauAcccgcgccg..... 1
Gi3_27868535_x3.....cagauccggguCcgauucc..... 1
Gi5_8675369_x3.....Gcgauucccgcgccgga..... 1
Gi3_27944972_x3.....ucUauucccgcgccggagc..... 1
Gi3_27816947_x3.....ggNucgauucccgcgcc..... 1
Gi3_27970415_x3.....uGcggguucgauucccgcgccgga..... 1
Gi1_4072857_x3.....guucgauucccgcgccgCa..... 1
Gi2_10755211_x3.....cGcaacagauccggguuc..... 1
Gi5_8709440_x3.....gguucgauAcccgcgccg..... 1
Gi2_10783159_x3.....guucgauuccGggcgccg..... 1
Gi3_27884855_x3.....uucgauUccggcgccggagc..... 1
Gi3_27888362_x3.....gguucgauucccgCcgccg..... 1
Gi2_10790146_x3.....gguucgauucccgcgccgAa..... 1

Gi2_10767859_x3.....Nguucgauucccggcgcccggagc..... 1
Gi1_4076907_x3.....gguucgauucccgUgcccga..... 1
Gi5_8661461_x3.....Auucgauucccggcgcccggag..... 1
Gi3_27820343_x3.....ucAauucccggcgcccggagc..... 1
Gi5_8652128_x3.....guucgauucccgUgcccga..... 1
Gi3_27830687_x3.....gguucgauucccCgcccga..... 1
Gi2_10783561_x3uucucaccccCacagauccg..... 1
Gi5_8656658_x3.....gguNcgauucccggcgcccggagc..... 1
Gi1_4067886_x3.....auccggguucgauuccAggcccgg..... 1
Gi1_4075323_x3.....ucgauucccggcgcccggag..... 0
Gi5_8676506_x3..Acacccaacagauccgggu..... 1
Gi2_10794754_x3.....gguucAauucccggcgccc..... 1
Gi3_27884132_x3.....guucgaAuucccggcgcccga..... 1
Gi1_4063098_x3.....gguucgauuccGggcccgg..... 1
Gi3_27836450_x3.....guucgauucccggcgcccUag..... 1
Gi1_4087308_x3.....guucgGuucccggcgccc..... 1
Gi1_4057752_x3.....gguucgaCuuccggcgcccga..... 1
Gi5_8659796_x3uucucacccaacagauUgg..... 1
Gi3_27941390_x3.....uucgauCcccggcgcccggagc..... 1
G1a_5853448_x3uGcucacccaacagauccgg..... 1
Gi2_10750684_x3.....gguucgauucccgAgcccga..... 1
Gi3_27849311_x3.....guucgauucccggcgcccggagG..... 1
Gi1_4075806_x3.....Nuucgauucccggcgcccgg..... 1
Gi5_8713547_x3.....guucgauGcccggcgcccgg..... 1
Gi5_8663615_x3.ucucaccccGacagauccg..... 1
Gi5_8677196_x3.ucucacccaacagGuccgggu..... 1
Gi1_4080300_x3.....gguuAgauucccggcgcccgg..... 1
Gi5_8658149_x3.....guGcgauucccggcgcccga..... 1
Gi3_27821375_x3.....ucgauCcccggcgcccggagc..... 1
Gi3_27906098_x3.....uucgauUcccggcgcccga..... 1
Gi5_8714339_x3.....ucUauucccggcgcccggagc..... 1
Gi5_8669591_x3.....gguucgauucccgAgcccgg..... 1
Gi1_4065120_x3.ucucaccccNacagauccg..... 1
Gi5_8692454_x3.....gguucgauucccgUgcccggag..... 1
Gi1_4077564_x3.....gguucgGuucccggcgcccggagc..... 1
Gi1_4074720_x3.....auccggguucgauucccggcgcccAg..... 1
Gi3_27813977_x3.....ucgaCuuccggcgcccga..... 1
Gi3_27812366_x3.....gguucgauucGggcgcccggag..... 1
Gi1_4088490_x3.....gguucgauucccggcgcccggGg..... 1
Gi3_27937673_x3.....Uauccggguucgauucccggcgcccga..... 1
Gi5_8663273_x3.....Uuucgauucccggcgcccggagcguuucc..... 1
Gi5_8688164_x3.....guucgauucUggcgcccga..... 1
Gi3_27954461_x3.....gguuAgauucccggcgccc..... 1
Gi5_8688299_x3.....guucgCuucccggcgcccggagc..... 1
Gi5_8663858_x3.....gguucgauCcccggcgcccga..... 1
Gi1_4077450_x3uucucacccaacagauccgU..... 1
Gi1_4088190_x3.....gguucgauucUggcgcccga..... 1

Gi1_4048947_x3..cuUaccaacagauccgg..... 1
Gi1_4058412_x3.ucucaccaacGgauccg..... 1
Gi1_4052205_x3uucucaccaacagauccgC..... 1
Gi5_8711684_x3.....gguucAauuccggcgccgga..... 1
Gi2_10745776_x3.....gguuAgaauuccggcgccgga..... 1
Gi5_8715332_x3.ucucaccaacagGuccg..... 1
Gi1_4073901_x3.....uUgauuccggcgccggagc..... 1
Gi3_27935387_x3.....Cauuccggcgccggagc..... 1
Gi1_4048029_x3.....gguucgauuccggcgccggagA..... 1
Gi3_27823085_x3uucucacAcaacagauccg..... 1
Gi3_27815537_x3uucucaccaacagauccg..... 1
Gi1_4079502_x3.....uucgaCuccggcgccgg..... 1
Gi2_10730764_x3.....uCcgauuccggcgccgg..... 1
Gi5_8686355_x3.....aacagauccggguucgauuccggcgccggagc..... 0
Gi2_10800736_x3.....gguucCauuccggcgccggag..... 1
Gi3_27892247_x3.....gguucgauuccggcgccggag..... 1
Gi5_8658599_x3.....cgauuccggcgccggagcCu..... 1
Gi1_4077060_x3uucucaccaacUgauccg..... 1
Gi2_10785745_x3.....gguucgauuccggcgccggag..... 1
Gi3_27876740_x3.....guuAgaauuccggcgccggag..... 1
Gi1_4059540_x3.....gguucAauuccggcgccgg..... 1
Gi5_8693288_x3.....gauuccggcgccggGgc..... 1
Gi3_27905309_x3.....cagauccgNguucgauucc..... 1
Gi2_10804873_x3.....gguucgauuccggcgccggag..... 1
Gi5_8664269_x3.....gguucgauuccUggcgccggag..... 1
Gi1_4057824_x3.....guucgauCcccgccgg..... 1
Gi5_8655893_x3.....guucCauuccggcgccgg..... 1
Gi3_27893261_x3.....guucgauAccggcgccggag..... 1
Gi5_8653427_x3uucucaccaCcagauccgggu..... 1
Gi2_10811437_x3.....guucgauuccAgggcgccg..... 1
Gi5_8701292_x3.....guucgauuccUgcgccgg..... 1
Gi1_4082823_x3.....gAuucgauuccggcgccggag..... 1
Gi4_551532_x3 uucucaccaacagauccg..... 0
Gi2_10778767_x3.....gguucgauuccAgggcgccggag..... 1
Gi3_27913643_x3.....agaucggguucgUuucc..... 1
Gi3_27829070_x3.....gguucgauuccggcgccggag..... 1
Gi5_8653847_x3.....uCcgauuccggcgccgg..... 1
Gi3_27912119_x3.....aacagauccggguucgauuccggcgccggagcC..... 1
Gi3_27834674_x3.....aUaucggguucgauuccggcgccggagc..... 1
Gi2_10824061_x3.....gguucgauuccAgggcgcc..... 1
Gi1a_5829127_x3.ucucaccaacagGuccg..... 1
Gi3_27967724_x3.....ucUauuccggcgccggag..... 1
Gi2_10746802_x3.....gAuucgauuccggcgccggag..... 1
Gi1_4081971_x3.....ggGucgauuccggcgccggagc..... 1
Gi3_27913328_x3.....caacagauNcggguucgauucc..... 1
Gi1_4083423_x3.....gguucgauuccggUgccggagc..... 1
Gi5_8678831_x3.....gguucgaAuuccggcgccg..... 1

Gi4_549507_x3 .ucucacccaacagauccg..... 0
Gi5_8680913_x3.....guucgauucccgUgcccggagc..... 1
Gi1_4080075_x3uucucCcccaacagauccg..... 1
Gi5_8660549_x3.....guucgauuccAgggcgccgg..... 1
Gi3_27883871_x3.....uucgauucccgccggagcgA..... 1
Gi2_10803289_x3.....gguucgauucAcggcgccg..... 1
Gi5_8671748_x3uAcucacccaacagauccg..... 1
Gi3_27933464_x3.....ucgauucccgccggagcCu..... 1
Gi5_8658845_x3.....gguucgauuccUggcgcc..... 1
Gi1_4075257_x3.ucucacccaacagauccA..... 1
G1a_5872276_x3.....gguucgaCucccgccggagc..... 1
Gi5_8684414_x3.....agaucgggGucgauucc..... 1
Gi5_8652935_x3.....guucgauuccAgggcgccgga..... 1
Gi1_4073718_x3.....guucgauuUccggcgccggagc..... 1
Gi2_10726432_x3.....gguucgauucGcggcgccggagc..... 1
Gi1_4056513_x3uucucacccaacagCuccgg..... 1
Gi5_8658503_x3.....ggAucgauucccgccggagc..... 1
Gi5_8667827_x3.ucucacccaacagauccggG..... 1
Gi5_8717162_x3..Aucacccaacagauccgg..... 1
Gi3_27917921_x3.....gguucgauucccgccggcgg..... 0
Gi2_10730596_x3.....guucgauucccgccggcC..... 1
Gi1_4076667_x3.....guucgauucccgAgccg..... 1
Gi3_27931829_x3.....ucgauuUccggcgccggag..... 1
G1a_5853931_x3.....guucgGuucccgccggagc..... 1
Gi4_544908_x3.....gguucgauNcccggcgccgg..... 1
Gi5_8672588_x3.....gguucgauuccCcgccggagc..... 1
Gi3_27925910_x3.....cgauuccUggcgccggagc..... 1
Gi3_27961436_x3uucucaccUaacagauccg..... 1
Gi1_4054593_x3.cucacccGacagauccgg..... 1
Gi5_8711294_x3.....gguucgauucccgccAgag..... 1
Gi3_27914537_x3.....guucgauuccUgcccggga..... 1
Gi3_27818741_x3.....guucgUuucccgccggagc..... 1
Gi3_27864263_x3.....guucgauucccgccggcU..... 1
Gi2_10761202_x3.....gguucgauucUcggcgccgg..... 1
Gi2_10781692_x3.....guucgauucUcggcgccggag..... 1
Gi2_10785715_x3.....ucgauucAcggcgccggagc..... 1
Gi1_4074498_x3Aucucacccaacagauccg..... 1
Gi2_10769323_x3.....auuccggcgccggagcCu..... 1
G1a_5840212_x3.....gguucgGuucccgccg..... 1
Gi2_10822219_x3.....gguucgauucccgccggagcg..... 0
Gi3_27842411_x3.....gguucgauuccGggcgccgg..... 1
Gi3_27827708_x3.....guucgUuucccgccgg..... 1
Gi5_8710403_x3.ucuUacccaacagauccg..... 1
Gi5_8675351_x3.....gguucgauucAcggcgccgga..... 1
Gi5_8712632_x3.....guuNgaucccgccgg..... 1
Gi2_10762363_x3.....uucgaCucccgccggagc..... 1
Gi5_8697125_x3.....guucgauuccgUgcccggagc..... 1

Gi5_8692604_x3..cucUcccaacagauccgg..... 1
Gi5_8673644_x3.....gguucgauucccggcgcAggag..... 1
Gi1_4051002_x3.....guucgauuccGggcgccgg..... 1
Gi1_4060380_x3uucucaUccaacagauccgg..... 1
Gi2_10783765_x3.....guucgauucccggcgcU..... 1
Gi2_10765033_x3uucucacccaacagauAcg..... 1
Gi3_27834023_x3.....guuNgauucccggcgcgga..... 1
Gi5_8653148_x3.....guucgauucccggcgcAggag..... 1
Gi1_4068717_x3.....gguucgauucccggcgcUcgga..... 1
Gi2_10796617_x3.....guucgauucccggcgcGgg..... 1
Gi2_10779409_x3.....guucgCuucccggcgcggag..... 1
Gi2_10796326_x3.....gUuucccggcgcggagc..... 1
Gi3_27906026_x3Gucucacccaacagauccggguuc..... 1
Gi3_27886430_x3.....guuGgauucccggcgcgga..... 1
G1a_5845960_x3.....guucgauucccggcgcggagcCu..... 1
Gi5_8667416_x3uucucacccaacUgauccg..... 1
Gi5_8682884_x3.....cagauccgggCucgauucccggcgcg..... 1
Gi3_27975029_x3.....gUuucccggcgcggagc..... 1
Gi2_10788475_x3.....ucgauucccggcgcAgagc..... 1
G1a_5854144_x3.....gguucgauucccggcgcggCgc..... 1
Gi5_8672123_x3.....gguucgauucUcggcgccgg..... 1
Gi1_4087377_x3.....gAaucgauucccggcgcggagc..... 1
Gi2_10776802_x3.....guucgauucccggcgcgga..... 1
Gi2_10790677_x3.....guucgauucccggcgcggagc..... 1
Gi2_10801846_x3.....guucgaAucccggcgcggagc..... 1
Gi5_8661062_x3Gucucacccaacagauccggguu..... 1
Gi5_8664656_x3.ucucacccNacagauccgg..... 1
Gi3_27887441_x3..cucacccGacagauccgg..... 1
Gi5_8679263_x3.....gguucgauucUcggcgcc..... 1
Gi5_8653064_x3.....Cauucccggcgcggagc..... 1
Gi3_27845336_x3..cucacccaacagGuccgg..... 1
Gi2_10743196_x3.....guucgauCcccggcgcggag..... 1
Gi1_4055634_x3.ucucacccaacagauAcg..... 1
Gi1_4082253_x3.....guucgauCcccggcgcggga..... 1
Gi2_10746955_x3.....guucgaGucccggcgcggga..... 1
Gi2_10823227_x3.....guucgauucccAgcgccggag..... 1
Gi2_10753882_x3.....gguucgauucccggcgcgggaC..... 1
Gi1_4073049_x3uucucacccaacaAauccg..... 1
Gi3_27870452_x3.....gguucgauucccggcgcU..... 1
Gi1_4057833_x3.....gguucgauucccUgcgcgg..... 1
Gi3_27932771_x3.....gguucgauucccCgcgcgg..... 1
Gi2_10816390_x3.....guuNgauucccggcgcggagc..... 1
Gi5_8703620_x3.ucucacccaacagauUg..... 1
Gi2_10780225_x3.....Aauucccggcgcggagc..... 1
Gi3_27927506_x3uucucacccUacagauccg..... 1
Gi1_4056333_x3.....gguucgauuccUggcgccg..... 1
Gi1_4055508_x3.....gguucgauucccGAcgcgg..... 1

Gi3_27827657_x3.....gAucgauucccggcgccg..... 1
Gi1_4060953_x3uuuUacccaacagauccg..... 1
Gi2_10749778_x3.....gguAcgauucccggcgccgga..... 1
Gi1_4073733_x3.....uuUgauucccggcgccggagc..... 1
Gi3_27875945_x3.....agauccggguCcgauucc..... 1
Gi1_4089273_x3.....gguucgaCucccggcgccg..... 1
Gi3_27955472_x3uAcucaccaacagauccg..... 1
Gi2_10822114_x3.....gguuGgauucccggcgccgga..... 1
Gi2_10776085_x3.....gguucUauucccggcgcc..... 1
Gi5_8699609_x3.....ucgauucccgAcgccgga..... 1
Gi3_27819824_x3.....gguuAgauucccggcgccgg..... 1
Gi2_10794589_x3.....ucgauucccggcgccgAagc..... 1
Gi2_10795318_x3Gucucaccaacagauccg..... 1
Gi2_10795600_x3.....gguucgauucccggcgccUgag..... 1
Gi3_27911921_x3.....gguucgauGcccgggcgcc..... 1
Gi3_27864914_x3.....uucgaCucccggcgccg..... 1
Gi5_8684030_x3..ucaccaacagauccgggGu..... 1
Gi5_8656268_x3.....guGcgauucccggcgccggagc..... 1
Gi2_10779790_x3.....gguucgauucccggcCccggag..... 1
Gi5_8701718_x3.....Gccggguucgauucccggc..... 1
G1a_5855329_x3.....Aguucgauucccggcgccgg..... 1
Gi2_10811659_x3.....gguucgauucccggcgccGc..... 1
Gi5_8705831_x3.....gAucgauucccggcgccgga..... 1
Gi5_8702807_x3uucucCcccaacagauccg..... 1
Gi4_550752_x3.....ggGucgauucccggcgccgg..... 1
Gi3_27867647_x3.....Nguucgauucccggcgccggag..... 1
Gi3_27818801_x3.....guucgauuccAgggcgcg..... 1
Gi1_4074957_x3.....guucgauuccCgcgcgccgga..... 1
Gi5_8705780_x3Aucucaccaacagauccg..... 1
Gi1_4065948_x3.....gguCcgauucccggcgccg..... 1
Gi3_27828017_x3.....aUauccggguucgauucccggcgccggag..... 1
Gi5_8669648_x3.....guucgauucccggcgccUgagc..... 1
Gi1_4078809_x3.....gguucgauucccggcgccggagcCuu..... 1
Gi1_4089084_x3.....guucgauUccgggcgccg..... 1
Gi2_10759840_x3.....ucUauucccggcgccggagc..... 1
Gi2_10748152_x3.....Gucgauucccggcgccggag..... 1
Gi3_27964262_x3.....gguucgauucccggcgccgUa..... 1
G1a_5836006_x3.....gguucgauucccggcAccggagc..... 1
Gi2_10791622_x3.....gguuAgauucccggcgccggag..... 1
Gi3_27804551_x3.....gguucgauucccgGgccg..... 1
Gi3_27936176_x3.....gauucccggcAccggagc..... 1
Gi3_27954134_x3.....guucgauuccUgcgccggagc..... 1
Gi2_10743235_x3.....gguucgauucccggcGggag..... 1
Gi1_4065504_x3.....guucAauucccggcgccg..... 1
Gi1_4059471_x3.ucucaccGacagauccg..... 1
Gi5_8665940_x3.Gcucaccaacagauccgggu..... 1
G1a_5858230_x3.....gGucgauucccggcgccg..... 1

Gi2_10798258_x3.....gguucgauucccgcgGcgg..... 1
Gi5_8666495_x3...ucaccaGcagauccggguu..... 1
Gi5_8657537_x3.....Gcgauucccgcgccggag..... 1
Gi1_4054572_x3.ucucacccGacagauccgg..... 1
Gi5_8666963_x3.....gguucgauucccgcgccggaUc..... 1
Gi3_27909551_x3.....uucgauuccUggcgccggagc..... 1
Gi3_27859577_x3.....uccggguucgauucccgcgccgAa..... 1
Gi5_8698340_x3.....gguucgauucccgcgccCg..... 1
Gi5_8671412_x3.....ccggguucgauucccgcgccggC..... 1
Gi3_27947888_x3.....gguucgauucccgCcgccg..... 1
Gi5_8683811_x3.....gCuucgauucccgcgcc..... 1
Gi3_27804281_x3.ucucacccaacagGuccg..... 1
Gi1_4075113_x3...cacccaacagauccgggGucgauucc..... 1
Gi3_27939230_x3.....ggguucgauucccgcgccggCgc..... 1
Gi5_8653355_x3.....gguucgauuAccggcgccgga..... 1
Gi2_10803223_x3.....guuGgauucccgcgccgga..... 1
Gi2_10756783_x3.....gguucgauAcccgcgcc..... 1
Gi3_27851090_x3.....Gggguucgauucccgcgccggag..... 1
Gi5_8673065_x3.....ucgauucccgcgccggagcCu..... 1
Gi2_10779721_x3uucuUacccaacagauccg..... 1
Gi5_8673704_x3.....gguucgauucccgcgccggagcgcCu..... 1
Gi5_8669315_x3.....cccaacagauccggguCc..... 1
Gi3_27834272_x3.....guuAgauucccgcgccggagc..... 1
Gi5_8651117_x3Gucucacccaacagauccggguuc..... 1
Gi3_27922640_x3.....ucgauucccgUgcccga..... 1
Gi2_10790641_x3.....gguucgauuUccggcgccg..... 1
Gi3_27822023_x3.....auUcggguucgauucccgcgccgga..... 1
Gi3_27881726_x3.....gguucgauucccgUcgccggag..... 1
Gi3_27814679_x3.....ucgauucccgcgccAgggag..... 1
Gi2_10745017_x3.....gguucgauucccgcgccCgag..... 1
Gi1_4058463_x3.....guucgauucccgUcgccgga..... 1
Gi3_27869522_x3.....guucgauucccgCcgccgg..... 1
Gi3_27846707_x3.....Acgauucccgcgccgga..... 1
Gi5_8680985_x3.....gGuucccgccuuccuucgucu..... 1
Gi2_10811863_x3uucucacAcaacagauccg..... 1
Gi5_8694740_x3uucucacccaacagauccA..... 1
Gi5_8708984_x3.....Ccgauucccgcgccggagc..... 1
Gi5_8652497_x3.....guucgauucccgcgccCga..... 1
Gi3_27948005_x3.....guucgauucccgGgcccggagc..... 1
Gi3_27963530_x3.....gguucgauucccgcgccA..... 1
Gi3_27813083_x3.....cggguucgNuucccgcgccgga..... 1
Gi5_8698208_x3...cucaGccaacagauccgg..... 1
Gi5_8676110_x3.....ucgauuccNgcgccggag..... 1
Gi2_10828222_x3.....gguucgauuccCcgccgga..... 1
Gi3_27911471_x3.....gUguucgauucccgcgccggagc..... 1
Gi5_8716589_x3.....guucgauucccgAgccgga..... 1
Gi3_27940733_x3.....gguuAgauucccgcgcc..... 1

Gi2_10761703_x3.....guucgauucccggcgcGgga..... 1
Gi2_10779490_x3.....guucgaGucccggcgccgg..... 1
Gi1_4074180_x3.ucAcaccaacagauccg..... 1
Gi3_27813704_x3.....uccgggCucgauucccggcgccgga..... 1
Gi5_8695913_x3.....gguucgauucccggcgcCa..... 1
Gi5_8716610_x3.....gguucgauucccggcgcU..... 1
Gi1_4131255_x2.....uucgauucccggcgcggCgc..... 1
Gi4_555552_x2.....Uuucgauucccggcgcgg..... 1
Gi3_28150738_x2.....guuAgauucccggcgccggag..... 1
Gi3_28170812_x2uucucacGcaacagauccgg..... 1
Gi3_28086048_x2.....cgauucccgAgccggagc..... 1
Gi5_8824933_x2.....gguucgauCcccgggcgccgg..... 1
G1a_5953700_x2.....guucgauucccggcgcUcggagc..... 1
Gi5_8801793_x2.....ggCucgauucccggcgccggagcguu..... 1
Gi5_8828365_x2.uGucaccaacagauccgggu..... 1
Gi2_10926921_x2.....guucgauucccggcgccCga..... 1
Gi2_10831105_x2.....uGcgauucccggcgccgga..... 1
Gi3_28164796_x2.....gguucgauuccGggcgcc..... 1
Gi1_4128985_x2.....Cuccggguucgauucccggcgccgg..... 1
Gi3_28071682_x2.....gguGcgauucccggcgccg..... 1
Gi3_28057976_x2.....auccUgguucgauucccggcgccgga..... 1
Gi1_4147021_x2.....guucgauucccggcgcAg..... 1
Gi3_28133550_x2uucucaccaacCgauccg..... 1
Gi1_4118677_x2.....guucgauucccgUcgcgg..... 1
Gi3_28230940_x2.....ucgauucccgCcgccggagc..... 1
Gi2_10922353_x2.....cgauucccggcgccggag..... 0
Gi1_4103481_x2.....gguucgauucccggcgcU..... 1
Gi1_4135867_x2.....Cguucgauucccggcgccgga..... 1
G1a_5943884_x2uucucacAcaacagauccg..... 1
Gi3_28229644_x2.....cgauucccggcgccggagcCu..... 1
Gi3_28024186_x2.....gguucgauuccUgcgccgg..... 1
Gi5_8745705_x2.....gguucgauuAccgggcgccggag..... 1
Gi1_4124623_x2..cucaccaacagUuccgg..... 1
Gi5_8823089_x2.....uUcggguucgauucccggc..... 1
Gi5_8801251_x2.....uucccggcgccggagcCu..... 1
Gi3_28001584_x2..Gucaccaacagauccggguucgauu..... 1
Gi1_4123331_x2uucucacGcaacagauccgg..... 1
G1a_5938360_x2.....gguNcgauucccggcgccg..... 1
Gi3_28149540_x2uucucacccUacagauccggguuc..... 1
Gi2_10856589_x2.....cgauucccggcgccggagcCuuc..... 1
G1a_5913426_x2.....Gucgauucccggcgccggagc..... 1
Gi1_4152189_x2.....gguucgauuccUgcgccg..... 1
Gi2_10951235_x2.....ucgauucccggcgccggagU..... 1
Gi1_4156275_x2..ucaccaacagaCccgggu..... 1
Gi2_10984877_x2.....cccaacGgauccggguuc..... 1
Gi2_10974063_x2.....uccggguuNgauucccggcgccgga..... 1
Gi2_10868905_x2.....gguucgauucccggcgccggU..... 1

Gi5_8748139_x2.....Gagauccggguucgauucccgcgccg..... 1
Gi5_8765215_x2.....guuNgauucccgcgccg..... 1
Gi2_10912907_x2.....gguNcgauucccgcgcc..... 1
Gi2_10872295_x2.....gCuucgauucccgcgccg..... 1
Gi1_4141471_x2.....guucgauucccgcgccgagA..... 1
Gi3_28174612_x2.....gauucccgcgccgagcCu..... 1
Gi1_4114789_x2.....gguUgauucccgcgccgagc..... 1
Gi3_28240662_x2.....gguNcgauucccgcgccg..... 1
Gi5_8791119_x2.....Gcggguucgauucccgcgccgga..... 1
Gi2_10847523_x2.....guucgauucccgCcgccgagc..... 1
Gi1_4101425_x2.....gguucgauucccgcgGcgg..... 1
Gi3_28236116_x2uucucacccaacagauAccg..... 1
Gi3_27993528_x2uucAcacccaacagauccg..... 1
Gi5_8827803_x2.....gauuccAgcgccgagc..... 1
Gi5_8772669_x2.....uucgauucccgcgccgagcC..... 1
Gi1_4105643_x2uucucacccCacagauccg..... 1
Gi5_8789299_x2.....guucCauucccgcgccg..... 1
Gi1_4138577_x2.....guucgauuccUggcgccgga..... 1
Gi1_4145965_x2..cucacccaacagauAccg..... 1
Gi2_10886109_x2uucucacccUacagauccg..... 1
G1a_5966336_x2.....gguucgauucccgcgccAgagc..... 1
Gi1_4141445_x2.....gguucGUucccgcgccgagc..... 1
Gi5_8786747_x2uucucacccaacagauccgAuu..... 1
Gi5_8721603_x2.....uGgauucccgcgccgag..... 1
Gi5_8797229_x2.....gguucgauucccgcgAcc..... 1
Gi3_28133844_x2.....gNucgauucccgcgccgagc..... 1
Gi2_10886403_x2.....guucgauAcccgcgccgga..... 1
Gi5_8812953_x2.....gaCucccgcgccgagc..... 1
Gi1_4118443_x2.....uucgGuucccgcgccg..... 1
Gi3_28052776_x2..cucaccaaUagauccg..... 1
Gi3_28204134_x2.....ucgauucccgcgccgagU..... 1
Gi1_4104675_x2.....gguucgauucccgcgccgCg..... 1
Gi2_10978487_x2.....gaAuucccgcgccgagc..... 1
Gi2_10868073_x2.....guucgauuccAgcgccgag..... 1
Gi3_28041284_x2.....cgauucccgcgccggaAc..... 1
Gi2_10873443_x2.....gguucGUucccgcgccg..... 1
Gi5_8803327_x2.....agauUgguucgauucc..... 1
Gi3_28218068_x2.....gguucgaAuucccgcgccg..... 1
Gi2_10947541_x2.....Uccaacagauccgguuc..... 1
Gi1_4149379_x2.....gguucgauucccgcgAccg..... 1
Gi1_4119445_x2.....uucgauuccUggcgccg..... 1
Gi5_8812831_x2.....guucgauucccgAcgccgagc..... 1
Gi3_28167666_x2.....cagauccggguucgauuccU..... 1
Gi1_4101387_x2.....gguucgauucccgcgccggaA..... 1
Gi2_10886137_x2.....gAuucgauucccgcgccg..... 1
Gi2_10890015_x2.....guGcgauucccgcgccgag..... 1
Gi5_8747139_x2uucucacccaacGgauccggguuc..... 1

Gi3_28199080_x2.....gguucgauucccggcgccUgag..... 1
Gi3_28081378_x2.ucucaccccGacagauccg..... 1
Gi2_10928843_x2.....uucgauucccggcgcAgg..... 1
Gi3_28239860_x2.....gauccggguucgaCuccc..... 1
G1a_5966242_x2.....uucgaCucccggcgcgggagc..... 1
Gi3_28236100_x2.....caacagauccggguucAauucc..... 1
Gi1_4127809_x2.....guucgauucUcggcgccgga..... 1
Gi2_10846981_x2.....ucgauucccggcAccggagc..... 1
Gi1_4152497_x2..cucaccUaacagauccgg..... 1
G1a_5954188_x2.....guucgGuucccggcgcgg..... 1
Gi3_27993194_x2.....gguucgaGucccggcgcggag..... 1
Gi3_28063662_x2..cGcaccacacagauccggguucgauu..... 1
Gi3_28254224_x2.....guucgaGucccggcgcgg..... 1
Gi3_28091478_x2..cucacccaacCgauccgg..... 1
G1a_5955404_x2.....uucgGuucccggcgcgggagc..... 1
Gi2_10897531_x2.....guucgauAcccggcgcggag..... 1
Gi1_4142341_x2.....guucgauucccggcgcAgag..... 1
G1a_5955874_x2.....gguucgauucccggcgcggCg..... 1
Gi2_10973301_x2.....guucgauucccggcgcGcg..... 1
Gi2_10918135_x2.....gguucgauucccggcgcUcgg..... 1
Gi1_4125009_x2.ucGcaccacacagauccgg..... 1
Gi5_8743365_x2.ucCacccaacagauccgg..... 1
G1a_5943254_x2.ucucaccccNacagauccg..... 1
G1a_5930724_x2.....ggGucgauucccggcgcgggagc..... 1
Gi3_28051960_x2.....gguucgauucUcggcgcc..... 1
Gi2_10853099_x2.....ucgauucccgCcgccggag..... 1
G1a_5925080_x2.....gguucgauucccAgcgcgggagc..... 1
Gi3_28051586_x2.....ucgauucccggcgcgggaA..... 1
Gi3_28247670_x2.....cagauccAgguucgauucc..... 1
Gi2_10884795_x2.....ucgauucccggcgcAcggagc..... 1
Gi3_28078074_x2.....guucgauGccggcgccgg..... 1
Gi1_4142901_x2.....gguuUgauucccggcgcggga..... 1
Gi2_10908019_x2.....gguucgauuccAggcgcgg..... 1
Gi3_28083252_x2.....guucgauucAcggcgccggag..... 1
Gi5_8754887_x2.....uucgaCucccggcgcgg..... 1
Gi5_8724119_x2.....Nguucgauucccggcgcgggagc..... 1
Gi4_554608_x2.....guucgaCucccggcgcgg..... 1
Gi2_10981625_x2uucucaccAaacagauccg..... 1
Gi1_4100873_x2.....guucgauucccggcAccggagc..... 1
G1a_5889316_x2.....guucgaCucccggcgcgg..... 1
Gi3_28133342_x2.....ucgauucccggcgcggCagc..... 1
Gi1_4148309_x2.....caGcagauccggguucgauu..... 1
Gi1_4145883_x2uucucacGcaacagauccg..... 1
Gi5_8767991_x2uucuGacccaacagauccg..... 1
Gi2_10925471_x2.....gguucgauucccggcgccCga..... 1
Gi1_4140307_x2.....guucgauucccgAcgcgg..... 1
Gi1_4145737_x2.....cggguucgauucccggcgcgg..... 0

Gi2_10980421_x2.....guucgCuucccggcgccgga..... 1
Gi2_10905079_x2uucucacccaacagauGcg..... 1
Gi5_8731585_x2.....guucgaAuucccggcgccgagc..... 1
Gi3_28023594_x2...Uacccaacagauccggguuc..... 1
Gi3_28169190_x2.....uuUgauucccggcgccgga..... 1
Gi5_8770651_x2.....guucgauucccggcgccgAagc..... 1
Gi1_4134717_x2.....guucgauucccgUgccc..... 1
Gi2_10869407_x2.....guucCauucccggcgccgagc..... 1
Gi2_10959413_x2uucucacGcaacagauccg..... 1
Gi5_8818769_x2.ucucacccaacagauUgg..... 1
Gi5_8764685_x2.....guucgauAcccggcgccgga..... 1
Gi5_8718507_x2.....guucgauucccggcgccgagA..... 1
Gi3_28038396_x2.....ucgauucccggcGggagc..... 1
Gi2_10949289_x2uucucacccaUagauccg..... 1
Gi1_4148939_x2.....guGcgauucccggcgccgga..... 1
Gi5_8789839_x2.....cgguucgauucccgUgcc..... 1
G1a_5909814_x2.....gguucgauucccggcgccgC..... 1
Gi1_4155703_x2.....guucgauUccgggcgccgga..... 1
Gi1_4125441_x2.....guucgauucccggcGcgga..... 1
Gi3_28021150_x2.....gNucgauucccggcgccgga..... 1
Gi2_10869777_x2.....guucgauucGcggcgccgagc..... 1
Gi4_564836_x2.....gguucgauucccggcgccgCgc..... 1
Gi3_28012736_x2.....ggNucgauucccggcgccg..... 1
Gi3_28149006_x2..Aucacccaacagauccg..... 1
Gi3_28026106_x2.....Cgauccggguucgauucc..... 1
Gi4_564000_x2.....gCucgauucccggcgccgga..... 1
Gi3_28251356_x2.....cgauCcccggcgccgagc..... 1
Gi1_4106031_x2..cucacccaNcagauccggguucga..... 1
Gi3_28089238_x2.....uucgauucAcgggcgccgga..... 1
Gi5_8782065_x2.....uucgauucccggcgccgagcCu..... 1
Gi5_8790799_x2.....guucUauucccggcgccgag..... 1
Gi5_8820787_x2.....gguucgauucccggcUcgag..... 1
Gi1_4135609_x2uucGacccaacagauccg..... 1
Gi5_8742179_x2.....gguucgauAcccggcgccgag..... 1
Gi1_4143197_x2uucucaAcacaacagauccg..... 1
Gi5_8744671_x2.....guucgauucccggcAcgga..... 1
Gi3_28132424_x2.....gauccggguucgGuucc..... 1
Gi3_28062282_x2.ucucGcccaacagauccg..... 1
Gi1_4132611_x2.....ucgGuucccggcgccgagc..... 1
Gi5_8762963_x2.....gguucgauucccggcAcgga..... 1
Gi2_10978229_x2uucucacccaUgauccg..... 1
Gi1_4148397_x2..cucacccaacagCuccgg..... 1
Gi3_28166900_x2.....cgauucAcgggcgccgagc..... 1
Gi1_4145445_x2.....uucgauucUcggcgccg..... 1
Gi3_28141704_x2.....guucgauuccAgggcgcgag..... 1
Gi1_4107127_x2.....Gccggguucgauucccggcgccgga..... 1
Gi1_4094027_x2.....gguucgauucccggcgccU..... 1

Gi3_28013354_x2.....uucgauucccAgcgccgga..... 1
Gi1_4120567_x2.....guucgauucccggcgAgga..... 1
Gi3_28164826_x2.....guucgauucGcggcgccgga..... 1
Gi2_10883591_x2.....ucgauucccggcgccUga..... 1
Gi5_8822577_x2.....gguucgauucAcggcgccg..... 1
Gi3_28253028_x2.....gggCucgauucccggcgcccggag..... 1
Gi1_4145897_x2.....acccaacaNauccggguucgauuccg..... 1
Gi5_8754843_x2.....agUuccggguucgauuccc..... 1
Gi1_4151871_x2.....gguucgaNucccggcgccgga..... 1
Gi3_28210346_x2.....gguucgauucccggcgcccgg..... 1
Gi3_28108166_x2.....ucgauucccggcgcccggagcU..... 1
Gi5_8743865_x2.....Aauucccggcgcccggagc..... 1
Gi3_28038154_x2.....caacagauccggUuucga..... 1
Gi3_28079716_x2.....gguucgauucccggcgcccgg..... 1
Gi3_28134252_x2uucucacccCacagauccg..... 1
Gi1_4153353_x2.....ggGucgauucccggcgcccgga..... 1
Gi2_10897681_x2.....uuUgauucccggcgcccggag..... 1
Gi3_28096882_x2.....guucgauucccggcgccUgag..... 1
Gi3_28030324_x2.....ucgauucccggcgcccggagcGA..... 1
G1a_5929114_x2.....gguucgauucccAgcgcccggag..... 1
Gi5_8719451_x2.....gguucgauucccggcgGcgga..... 1
Gi5_8759113_x2.....cUauucccggcgcccggagcguuuc..... 1
Gi5_8766929_x2.....cagauccgggGucgauucccggcgcccg..... 1
Gi1_4153047_x2.....guAcgauucccggcgcccggagc..... 1
Gi3_28119816_x2.....Cucgauucccggcgcccggagc..... 1
Gi3_28146482_x2.....guucgauucccUgcgcccg..... 1
Gi3_28028268_x2.....uuGgauucccggcgcccgg..... 1
Gi3_28114184_x2.....cagauccggguucgauUcc..... 1
Gi3_27984222_x2.....guucgauucccggcgcccgggaU..... 1
Gi1_4091359_x2.....Cuucgauucccggcgcccggagc..... 1
Gi3_28169138_x2.....uAcgauucccggcgcccggagc..... 1
Gi5_8808045_x2..cucacccaacagauAcgg..... 1
Gi3_28181902_x2.....gguucgauucccggcgccUg..... 1
Gi5_8746429_x2..cucacccaacagauUcgg..... 1
Gi1_4143387_x2.....gguGgauucccggcgcccg..... 1
Gi2_10930853_x2uuUucacccaacagauccggguucg..... 1
Gi5_8741773_x2.....uucgauucccggcgcccggagc..... 0
Gi2_10938311_x2uAcucacccaacagauccg..... 1
Gi1_4125299_x2.....ucgauucccggcgcccgggaU..... 1
Gi2_10949321_x2uucucacccaacagauccAg..... 1
Gi1_4123847_x2.....Gaacagauccggguucgauucccggc..... 1
Gi2_10948229_x2.....auucccggcgcccggagcGA..... 1
Gi3_28086514_x2.....cagauccggguucgauCccc..... 1
Gi3_28056430_x2.....uucgGuucccggcgcccgg..... 1
G1a_5877838_x2uCcucacccaacagauccg..... 1
Gi3_28154320_x2.....caacagauccggguucgCuucc..... 1
Gi3_28067814_x2.....gguucgauucccggcgGcgag..... 1

Gi5_8757095_x2.....Ggauucccgcgccggagcguuuc..... 1
Gi5_8721245_x2uucCcacccaacagauccgg..... 1
Gi3_28079074_x2.....ucgauuccAgggcgccgga..... 1
Gi1_4131383_x2.....guucgauucccgcgAcggagc..... 1
Gi1_4138259_x2.....gguucgauuccUgcgcccga..... 1
Gi3_28207296_x2.....gguNcgauuccggcgccggag..... 1
Gi5_8754285_x2.....gguucgauuccggGgccg..... 1
Gi3_28171068_x2.....gguucgauucccgcgGcg..... 1
Gi2_10950493_x2.....gguucgauuccggGgccg..... 1
Gi3_28194368_x2.....gguucgauucccgcgccggagcgC..... 1
Gi3_28162802_x2.....gauucAcggcgccggagc..... 1
Gi5_8745723_x2.....gguucgauAcccgcgcc..... 1
Gi3_28233518_x2.ucucaccaacagCuccg..... 1
Gi5_8728773_x2.....guucgauuccggcgGgg..... 1
Gi3_28136020_x2uucGcacccaacagauccg..... 1
Gi3_28236300_x2.....Guccggguucgauuccggcgccggagc..... 1
Gi1_4155181_x2uucUcccaacagauccg..... 1
Gi1_4107525_x2.....uCcgauuccggcgccgg..... 1
Gi1_4122019_x2.....uucgauuccggcgccgga..... 0
Gi2_10976811_x2.....gguucgauuccggcgccUga..... 1
Gi5_8808605_x2..ucacAcaacagauccgggu..... 1
Gi5_8822741_x2.....guucgauuccggcgccgCa..... 1
Gi2_10905121_x2.....cgauucccgAcgccggagcguuu..... 1
Gi3_28115858_x2.....uUcggguucgauuccggcgccgga..... 1
Gi1_4129275_x2.....gguucgauuccCgcgcccggagc..... 1
Gi4_554144_x2..cGcacccaacagauccggguucg..... 1
Gi2_10831947_x2.....Gucgauuccggcgccgga..... 1
G1a_5897474_x2.....guucgauuccggcgUggagc..... 1
Gi5_8798343_x2.....gguucgauUccggcgccgga..... 1
Gi4_560328_x2..cuUaccaacagauccggguucg..... 1
Gi2_10919851_x2.....gauuccggcgccggagcCu..... 1
Gi3_27997574_x2.....gauuccggcgccggagU..... 1
Gi1_4151121_x2..ucacccaNagauccgggu..... 1
Gi3_28239600_x2uucucaccaacagauccAg..... 1
Gi3_28112010_x2.ucCcacccaacagauccgg..... 1
Gi1_4118337_x2...caUccaacagauccggguucgauucc..... 1
Gi3_28168954_x2.....agauccggguucgauCccc..... 1
Gi2_10991033_x2.....gguuGgauuccggcgcc..... 1
Gi5_8785603_x2.....ucgauucccgAcgccggag..... 1
Gi3_28135542_x2.....guucgauucGcggcgccgg..... 1
Gi3_28150320_x2.....ggguucgauuccggcgccggaA..... 1
Gi2_10888181_x2.....gguucgUuuccggcgccgga..... 1
Gi3_28107384_x2.....ucgauuccggcCccggagc..... 1
G1a_5911486_x2.....gguucgauuccggcgccggUgc..... 1
Gi3_28185408_x2.....uucgauucUcggcgccgg..... 1
Gi3_27980764_x2..Uucaccaacagauccgg..... 1
Gi5_8774561_x2.....gguucgauNccggcgccggagcgu..... 1

Gi5_8750557_x2uuUucacccaacagauccggguu..... 1
Gi1_4123089_x2..cucaGccaacagauccgg..... 1
Gi3_28233852_x2.....gUguucgauucccgccgcg..... 1
G1a_5898620_x2.....gguucgauucccUgcgcgggagc..... 1
Gi5_8788193_x2.....gguuAgauucccgccgcggga..... 1
G1a_5921074_x2.....gguucgauucccgccgcggagA..... 1
G1a_5952986_x2.....guucgauucccgccgcggagU..... 1
Gi5_8786395_x2.ucucaccAaacagauccg..... 1
Gi3_28130614_x2.....agauccggguucgCuuccc..... 1
Gi3_28005272_x2.....guucgauucccgccUccgg..... 1
Gi5_8798379_x2.ucucacccaacaUauccg..... 1
Gi3_28134604_x2.....cGacagauccggguucga..... 1
Gi5_8722591_x2.....ucgauucccgccgcggCgc..... 1
Gi5_8763795_x2.....gguucgauucccgAcgcc..... 1
Gi3_28149672_x2.....gggGucgauucccgccgcg..... 1
G1a_5976424_x2.....gguucgCuucccgccgcg..... 1
Gi3_28217236_x2.....uucgauucccgAgccgga..... 1
Gi3_28104480_x2.....uucgauucccAgcccgagc..... 1
Gi3_28062226_x2.....guucgauucccgccGcggag..... 1
Gi1_4154003_x2.....guucgauAcccgccgcggagc..... 1
Gi3_28147466_x2.....ucgauucccgccUggagc..... 1
Gi1_4123129_x2...cacccaacNgaucggguucgauuccc..... 1
Gi5_8829199_x2.....Ccgauucccgccgcggag..... 1
Gi5_8817329_x2...cccaacGgauccggguuc..... 1
Gi3_28014692_x2...cacccaacNgaucggguuc..... 1
Gi2_10922863_x2.....guucgauAcccgccgcg..... 1
G1a_5905292_x2.....gguucgauucccgccgcgC..... 1
Gi3_28204358_x2.....cgaCuucccgccgcggagc..... 1
Gi3_28096670_x2..cuUacccaacagauccggguucgau..... 1
Gi1_4097929_x2.....guucgauucccgAgccgga..... 1
Gi5_8800855_x2.....guucgauAcccgccgcggagc..... 1
Gi5_8804723_x2uucucaccaGcagauccg..... 1
Gi5_8779869_x2.....gguucgGuucccgccgc..... 1
Gi4_558418_x2.....gguucgauucccgAgccgg..... 1
Gi2_10924427_x2.....guucgCuucccgccgcg..... 1
Gi2_10853421_x2.....cggguucgauucccgccgcggagc..... 0
Gi1_4106855_x2.....gguucgauucccgccAgc..... 1
G1a_5894674_x2.....gguucgauucccgccUc..... 1
Gi2_10904063_x2.....gauucccgUgccggagc..... 1
Gi3_28040690_x2uucucacccaUagauccg..... 1
Gi3_28180718_x2.....aCaucggguucgauucc..... 1
Gi3_28139806_x2.....Gacagauccggguucgauucccgccgga..... 1
Gi3_28061330_x2.ucucacccaacagauccC..... 1
Gi3_28078132_x2.....gauAcccgccgcggagc..... 1
Gi5_8813375_x2.uUucacccaacagauccg..... 1
Gi1_4112609_x2.....gguucgauucccgccUccgagc..... 1
Gi1_4138575_x2.....guucgauucAcggccgcgga..... 1

Gi2_10964051_x2.....guucgauucccggcgccggUg..... 1
Gi1_4147217_x2.....guucgauucccgUgcccggagc..... 1
Gi5_8789659_x2.....guucgaAuucccggcgccgga..... 1
Gi3_28148246_x2uucucacccaUcagaucgg..... 1
Gi5_8723867_x2.....gguucgauucccgCcgccggagc..... 1
Gi3_28208094_x2uucucacccaacagauccgggCuc..... 1
Gi1_4118461_x2.....ggAucgauucccggcgccgga..... 1
Gi3_28027990_x2.....cgauucccggcgccAgag..... 1
Gi2_10861221_x2.....guucgauGcccggcgccggagc..... 1
Gi2_10932017_x2..cucacccaacGgaucgg..... 1
Gi5_8772665_x2.....agauccggguucgCuuccc..... 1
Gi2_10940653_x2.....Cucgauucccggcgccggagc..... 1
Gi1_4110277_x2.....gguucgauucccggcgccggC..... 1
Gi3_28174226_x2.....gauucccggcgccgAagc..... 1
Gi3_27985358_x2.ucucacccNacagaucgg..... 1
Gi1_4118543_x2.....guucgauucccggcgccC..... 1
Gi1_4126973_x2uucucacccaacagauGcgg..... 1
G1a_5954946_x2.....gguucgGuucccggcgccgga..... 1
Gi5_8729459_x2.....guucgauuccAggcgccggagc..... 1
Gi3_28198142_x2.....uucgauucccgGgccgga..... 1
Gi4_557714_x2.....guucgauCcccggcgccgg..... 1
Gi3_28166684_x2.....guucgauucccgUgcgg..... 1
Gi3_28053326_x2.....gguucgauucccgCcgccgga..... 1
Gi3_28084158_x2.....Cgguucgauucccggcgccggag..... 1
Gi2_10973233_x2.....guucgauucccgGgccgg..... 1
Gi1_4124833_x2..ucucaAccaacagaucgg..... 1
Gi5_8766899_x2.....gCucgauucccggcgccggag..... 1
Gi1_4127477_x2.....uucgauuccAgcgcgg..... 1
Gi2_10871971_x2.....guucgauucccggcgccgCag..... 1
Gi1_4099341_x2.....gguucgauuccUggcgccgga..... 1
Gi3_28174146_x2.ucAcacccaacagaucgg..... 1
Gi2_10830341_x2.....ggGucgauucccggcgccgg..... 1
Gi3_28076800_x2....cacccaacagaucggguCc..... 1
G1a_5900034_x2.....Aguucgauucccggcgccgga..... 1
Gi2_10955977_x2.....uucgaCuuccggcgccgga..... 1
Gi3_28160030_x2.....Gcagaucggguucgauucc..... 1
Gi5_8718193_x2.....auucccggcgccggagcA..... 1
G1a_5911236_x2.....uGcgauucccggcgccggagc..... 1
Gi5_8747675_x2.....gguucgauuccAggcgccgg..... 1
Gi3_28257730_x2.....gguGcgauucccggcgccgga..... 1
Gi3_28141006_x2.....ggguCcgauucccggcgccg..... 1
Gi5_8746507_x2.....guucgauucccggcCccggagc..... 1
Gi3_27997186_x2.....cagaucggguucgauucUc..... 1
Gi3_28234392_x2.....gguucgauucccggcgccggaU..... 1
Gi2_10890847_x2.....guucgauucccggcgccCgag..... 1
G1a_5977690_x2.....gguucgauNcccggcgccgga..... 1
Gi1_4121371_x2.....gguucgauucccggcgccAgag..... 1

Gi5_8734655_x2.....gguucgauucccgcgccgAag..... 1
Gi3_28249020_x2uucucacccaacagauUcgg..... 1
Gi5_8719709_x2uucAcacccaacagauccg..... 1
Gi1_4137099_x2.ucucGcccaacagauccgg..... 1
Gi3_27995030_x2.....gauucccgcgccgUagc..... 1
Gi2_10947365_x2.....guucgauuAccggcgccggag..... 1
Gi1a_5936950_x2.....Cguucgauucccgcgccgga..... 1
Gi5_8718575_x2.....gguucgauucccgcgccggagG..... 1
Gi5_8810763_x2.....gguuGgauucccgcgccgg..... 1
Gi2_10948143_x2.....Cgguucgauucccgcgccggagc..... 1
Gi3_28197924_x2.ucucaccUaacagauccgg..... 1
Gi3_28160534_x2.....uucgGuucccgcgccggagc..... 1
Gi3_28175786_x2.....Ggauccggguucgauucc..... 1
Gi1_4129347_x2.ucCcacccaacagauccg..... 1
Gi1_4099169_x2uucucaccAaacagauccgg..... 1
Gi3_28060026_x2uucucacccaacCgauccgg..... 1
Gi5_8756105_x2.....Uauccggguucgauucccgcgccgga..... 1
Gi5_8748009_x2..ucacccaacagGuccggguu..... 1
Gi1_4093929_x2.....guucUauucccgcgccg..... 1
Gi5_8826953_x2.....uGgauucccgcgccggagc..... 1
Gi2_10977695_x2.....guucgauucccgcgccggaA..... 1
Gi3_28194068_x2.....ucgauucccgcgAcggagc..... 1
Gi1_4129393_x2.....auUcggguucgauucccgcgccgga..... 1
Gi2_10861727_x2uucucacccaCcagauccgg..... 1
Gi3_28257636_x2.....guuNgauucccgcgccg..... 1
Gi4_553262_x2.....gguucgauNcccggcgccggagc..... 1
Gi3_28046310_x2.ucucacccaacCgauccg..... 1
Gi3_28239946_x2.....ucgauucccgcgccggC..... 1
Gi1_4118757_x2.....Cucgauucccgcgccggagc..... 1
Gi2_10929055_x2.....guucgauucccgcgAcggag..... 1
Gi5_8795627_x2.....caacagauccggguucgauucccgcgccggagc..... 0
Gi2_10835117_x2.....ucgauCcccggcgccggagc..... 1
Gi3_28203820_x2.....cgauucccgcgccggagc..... 1
Gi1_4124701_x2.ucCcacccaacagauccgg..... 1
Gi2_10859405_x2uucucacccaacagauccA..... 1
Gi3_28229254_x2.ucGcacccaacagauccg..... 1
Gi2_10882565_x2.....gauucccgcgccUggagc..... 1
Gi5_8741619_x2.uGucacccaacagauccgg..... 1
Gi2_10952571_x2.....guucgauucccgcgccggaUc..... 1
Gi3_28059142_x2.....cgauuccAgcgccggag..... 1
Gi3_28098530_x2.....cgauucccgcgccggGg..... 1
Gi3_28002086_x2.....guucgauucccgGgccggag..... 1
Gi5_8812521_x2.....guucgauuAcggcgccgga..... 1
Gi2_10973467_x2.....caacagauccggguucgauucc..... 0
Gi1_4156999_x2uucucacccaacagUuccgg..... 1
Gi3_28077110_x2.....ucgauuAccggcgccgga..... 1
Gi3_28254678_x2.....Ugauucccgcgccggagc..... 1

Gi1_4143113_x2.....uucgauucNcggcgccggagc..... 1
Gi5_8820439_x2uucucacAcaacagauccggguu..... 1
Gi2_10984659_x2.....guucgauucccggcgccggagG..... 1
Gi2_10924103_x2.....uucgauucNcggcgccggagc..... 1
Gi3_28130308_x2.....cCauucccggcgccggagc..... 1
Gi3_28145154_x2.....cggguucgGuucccgccggcggga..... 1
Gi1_4153439_x2.....gguucgauucccgAcgccggga..... 1
Gi5_8765217_x2.....guucgauucccgCcgccg..... 1
Gi5_8775529_x2..cucacccUacagauccgg..... 1
Gi1_4106033_x2.....gguucgauuccAggcgccggga..... 1
Gi5_8731359_x2.....gguucgauucccgccC..... 1
Gi5_8732703_x2.....gguucgauucccgccAgg..... 1
Gi3_28177260_x2uucuGacccaacagauccgg..... 1
Gi3_28144720_x2..cucacccaacagaucUgg..... 1
G1a_5954434_x2.....gGucgauucccgccggag..... 1
Gi3_28224872_x2.....uucAauucccgccggagc..... 1
Gi5_8823847_x2....acccaacauuccggguucgauucc..... 1
Gi2_10850305_x2.....guucgaGuucccgccgg..... 1
Gi4_556122_x2.....guucgauNccggcgccgg..... 1
Gi3_28006938_x2.....cAgguucgauucccgccggcggga..... 1
Gi5_8770111_x2.....guucUauucccgccggagc..... 1
Gi5_8730799_x2.....guucgauucGggcgccg..... 1
Gi2_10960141_x2.....uucgauucccgccAccggga..... 1
Gi3_28220846_x2uucucacccaacagaucAgggguuc..... 1
Gi3_28236582_x2.....guucgauCcccggcgccg..... 1
Gi3_28147408_x2.....cagGuuccggguucgauucc..... 1
Gi5_8719757_x2.....gguuUgauucccgccggagcgu..... 1
Gi2_10921797_x2.....uuUgauucccgccggcggga..... 1
Gi5_8811325_x2.....guucgauuccGggcgccgg..... 1
Gi5_8782019_x2.....gguucAauucccgccggag..... 1
Gi5_8807219_x2uucucacGcaacagauccg..... 1
Gi3_28150636_x2.....gaGuucccgccggagc..... 1
Gi3_28152912_x2.....gguucgauuccCgcgccggag..... 1
G1a_5946596_x2.....gguucgauucccgccgcAg..... 1
G1a_5965278_x2.....gguucgauucccgccgUcggagc..... 1
G1a_5951118_x2.....gguucgauucccgAgccggagc..... 1
Gi5_8757575_x2.....gguucgauuccUgcgccggag..... 1
Gi1_4120257_x2.....ggguucgauCcccggcgccggga..... 1
Gi3_28164600_x2uucucCcccaacagauccg..... 1
Gi1_4154685_x2uucucacccaaUagauccgg..... 1
G1a_5974960_x2.....ggCucgauucccgccggag..... 1
Gi3_27989860_x2....cccaacagNuuccggguucgauucc..... 1
Gi3_28190458_x2.....guucgauucccgccGgg..... 1
Gi2_10918517_x2uucucacccaGcagauccg..... 1
Gi3_28016184_x2.....Nguucgauucccgccggcggga..... 1
Gi2_10840491_x2.....guucgauucccgAgccggag..... 1
Gi2_10913593_x2.....agauccggguCcgauucc..... 1

Gi3_28154844_x2.....cgguucgauucccAgcgcgga..... 1
Gi1_4133053_x2.....ggGucgauucccggcgccc..... 1
Gi1_4158449_x2.....gguucgauCcccggcgcccga..... 1
Gi2_10848597_x2uucucacUcaacagauccg..... 1
Gi3_28017590_x2.....gauccgggNucgauucc..... 1
Gi2_10990005_x2.....gguucgauuccGggcgcc..... 1
Gi3_28231734_x2.....cgauucccggcGcggagc..... 1
Gi3_28173668_x2.....uucgauucccggcUcgga..... 1
Gi5_8738131_x2.ucucaccaacagCuccg..... 1
Gi2_10849895_x2.....agauccggNuucgauucc..... 1
Gi2_10908611_x2uucucaccaacagaucAg..... 1
Gi5_8752639_x2.....ggGucgauucccggcgcccggagcguu..... 1
Gi3_28146992_x2.....caacagauccggguucgauuccA..... 1
Gi2_10959617_x2.....gauucccggcgcccggUgc..... 1
Gi1_4143385_x2.ucGcaccaacagauccg..... 1
Gi1_4092719_x2.....gguucgauucccggcgcccUg..... 1
Gi1_4142987_x2.ucucaccaCcagauccgg..... 1
Gi1_4100751_x2.....gguucgauucccggcgcccAa..... 1
G1a_5899828_x2.....gguUgauucccggcgcccgg..... 1
Gi2_10838901_x2.....guucgauucccgAcgcccggag..... 1
Gi3_27994084_x2.....uucgCuuccggcgcccga..... 1
Gi1_4105631_x2uucNcaccaacagauccg..... 1
Gi3_28236496_x2uucucaccAaacagauccg..... 1
Gi2_10858231_x2.....uccgAguucgauucccggcgcccga..... 1
Gi3_28038906_x2.uGucaccaacagauccg..... 1
Gi5_8753995_x2.....guucgauucccgCcgcccgg..... 1
Gi3_28018856_x2.....guucgaAuuccggcgcccgg..... 1
Gi1_4143699_x2.....agauccggguucgauucc..... 0
Gi5_8793103_x2.....cgauucccggcgcccggagcC..... 1
Gi1_4142627_x2.....gguucgauucccAgcgcgga..... 1
Gi1_4151535_x2uucuUaccaacagauccg..... 1
Gi2_10830241_x2.....gguucgauucccggcUccggag..... 1
Gi5_8731855_x2.....Gcagauccggguucgauucccggcgccc..... 1
Gi4_564144_x2.....guucgauucccggcgcccggagcA..... 1
Gi3_28053262_x2.....Cucgauucccggcgcccga..... 1
Gi3_28108420_x2.....cagauccgggCucgauucc..... 1
Gi5_8730009_x2.....gguucgauAcccggcgcccgg..... 1
Gi3_28027372_x2.ucucaccaacGgauccg..... 1
Gi3_28174380_x2.....ucgauucccggcAccgga..... 1
Gi2_10858249_x2.....uucgauucccggcgcccggCg..... 1
Gi3_28022676_x2.....uucgauucccggcgcccggagcA..... 1
Gi2_10911591_x2.....gauucccgUcgcccggagc..... 1
Gi3_28226426_x2.....uucgauucccggcGcgga..... 1
Gi4_556180_x2.....Auucgauucccggcgcccgg..... 1
Gi4_562044_x2.....ggCucgauucccggcgcccgg..... 1
Gi1_4100149_x2..cAcaccaacagauccg..... 1
Gi5_8785053_x2.....gguUGauucccggcgcccga..... 1

Gi2_10922609_x2.....gauuccggcgccggagU..... 1
Gi3_28146306_x2.....cgauuccggcgccggGgc..... 1
Gi1_4095373_x2.....ucgauCcccggcgccgggagc..... 1
Gi1_4096007_x2...Gcacccaacagauccggguucga..... 1
Gi3_28034016_x2.....gguucgUuuccggcgcc..... 1
Gi1_4147109_x2..cucaccaacagauccgA..... 1
Gi1_4134587_x2.....guucgauuccggcgccUga..... 1
Gi4_560504_x2.....gguCcgauuccggcgccggagc..... 1
Gi1_4140105_x2.....cgauuccggcgccgggagcC..... 1
Gi5_8745417_x2.....gguucgauucccgAcgccg..... 1
Gi2_10893279_x2.....agauccgggAucgauucc..... 1
G1a_5904370_x2.....gCucgauuccggcgccgg..... 1
Gi2_10980637_x2.....uccggguucgauucccggc..... 0
Gi3_28229778_x2.....gggGucgauuccggcgccggagc..... 1
Gi1_4114805_x2.Ccucaccaacagauccg..... 1
Gi5_8738921_x2.....guucgauuccggcgAcgagc..... 1
Gi2_10883617_x2.....ggAucgauuccggcgccgg..... 1
Gi4_560646_x2.....gguucgauuccUgcgccg..... 1
Gi3_28094734_x2..ucaccaaNagauccggguuc..... 1
Gi3_28178876_x2..cAcaccaacagauccg..... 1
Gi3_27984986_x2.....agauccggguucAauucc..... 1
Gi3_28073120_x2.....uccggguucgauucccgAcgccgga..... 1
Gi3_28117386_x2.....gguucgauuccggcgUccg..... 1
Gi3_28028530_x2..cucaccaacagauccggguCcgauu..... 1
Gi3_28247674_x2.....uucgauuccggcgccgAa..... 1
Gi2_10893647_x2.....gguucgaAuuccggcgccgga..... 1
Gi4_565016_x2..cucaccaNcagauccggguuc..... 1
Gi5_8728743_x2uucucaccaacaAauccg..... 1
Gi5_8777695_x2.....gguucgauuccGggcgccg..... 1
Gi2_10831301_x2.....guucgauuccAcggcgccgga..... 1
Gi3_28175422_x2.....uucgauuccggcgUggagc..... 1
Gi4_553470_x2.....guucgauuccggcgccAg..... 1
Gi3_28162628_x2.....gguGgauuccggcgcc..... 1
Gi2_10852143_x2.....cgauuccggcgccggGgcguuu..... 1
Gi1_4153631_x2uucucaccaUcagauccg..... 1
Gi1_4108265_x2.....gCuucgauuccggcgccggagc..... 1
Gi5_8737139_x2.....gguucgauuccggcgccgCagc..... 1
Gi1_4116277_x2.....uucgauuccggcgccggaU..... 1
Gi1_4112635_x2uucucaccaacagauccCg..... 1
Gi5_8784921_x2.....guucgauuccggcgccggagcgC..... 1
Gi2_10935317_x2.....guucgauuccggcgccgAag..... 1
Gi5_8808483_x2.....gguucgaGuuccggcgccg..... 1
Gi1_4118663_x2.....gguucgauuccggcgAccgga..... 1
Gi5_8745639_x2.....gguucgauuccggcgGcgagc..... 1
Gi3_28140736_x2.....ucgaGuuccggcgccggag..... 1
Gi5_8738645_x2uucucaccaacagUuccgg..... 1
Gi2_10975085_x2.....ucgauuccggcgccggG..... 1

Gi3_28040844_x2.....ucgauuccggcgccggaAc..... 1
Gi1_4153405_x2.....agauccgggCucgauucc..... 1
G1a_5882038_x2.....Auucgauuccggcgccggagc..... 1
Gi5_8732521_x2.....uccggguucgGuucccggc..... 1
Gi3_28243286_x2.....ucgauuccggcgAgga..... 1
Gi2_10833539_x2.....guucgauucUcggcgccgga..... 1
Gi5_8758435_x2uucucaUccaacagauccgg..... 1
Gi2_10906983_x2.....gguucgauuccggcUcc..... 1
Gi1_4156181_x2.....guucgauuccggcgccUgagc..... 1
Gi5_8738045_x2.....uUgauuccggcgccggagc..... 1
G1a_5959402_x2.....ggCucgauuccggcgccg..... 1
Gi3_28016178_x2.....ccaacagauccggguucgauuccggcgccgga..... 0
Gi2_10851903_x2.....gguAcgauuccggcgccgg..... 1
Gi1_4129793_x2.....gguucgCuuccggcgccggag..... 1
Gi2_10982175_x2.....Cucgauuccggcgccgg..... 1
Gi5_8759301_x2.....guucgauuccUgcgccg..... 1
Gi5_8811253_x2.....cgUuuccggcgccggagcguuuc..... 1
Gi2_10940445_x2.....guuNgauuccggcgccgg..... 1
Gi1_4153575_x2.....ucgauuccggcgccggCgc..... 1
Gi1_4114517_x2.....gAucgauuccggcgccggagc..... 1
Gi2_10988729_x2.....cgauUccggcgccggagcguuuc..... 1
Gi3_27992666_x2.....guucgauuccggcgccggagcAu..... 1
Gi3_28051810_x2.....gguucgauuccggcgccUga..... 1
Gi3_28048188_x2.....gguucCauuccggcgccgg..... 1
G1a_5908756_x2uuUucaccaacagauccg..... 1
Gi3_28125892_x2uucucaUccaacagauccg..... 1
Gi5_8735137_x2.....guucgauuccggcAccggagc..... 1
Gi1_4106883_x2..cucaccaCcagauccgg..... 1
Gi3_28007004_x2.uUucaccaacagauccgg..... 1
Gi3_28231186_x2.....ucgauAcccgcgccggagc..... 1
Gi4_559956_x2.....guucgauuccggcgUcgg..... 1
Gi1_4117525_x2.ucuUaccaacagauccgg..... 1
Gi1_4095171_x2.....gguucgauuccUggcgccggagc..... 1
Gi2_10859403_x2uuUucaccaacagauccg..... 1
Gi3_28128796_x2..cucaccaacagaCccgg..... 1
Gi2_10854593_x2.....Cgguucgauuccggcgccg..... 1
Gi5_8739787_x2.....guuGgauuccggcgccgg..... 1
Gi1_4139407_x2.....gguucgauuccggcgUcgg..... 1
Gi3_28211802_x2.....auccggguucgauuccggcg..... 0
Gi5_8730235_x2.....ucgauuccNgcgccggagc..... 1
Gi2_10964813_x2...ucaccaacagauccgggu..... 0
Gi5_8721061_x2.ucucaccaacGgauccg..... 1
Gi3_28096924_x2.....guucgauucAcggcgccg..... 1
Gi3_28146416_x2.....gguucgauuccggcgccggagcAu..... 1
Gi3_28212126_x2.....gauuccgAcgcccggagc..... 1
Gi5_8802831_x2.....gguuAgauuccggcgccg..... 1
Gi5_8789587_x2uucucaGccaacagauccg..... 1

Gi3_28000816_x2.....guucgauucccggcgcgUa..... 1
Gi2_10914825_x2.....uUgauucccggcgcgag..... 1
Gi5_8755189_x2Aucucacccaacagauccg..... 1
Gi3_27983194_x2uucucCcccaacagauccg..... 1
Gi3_28241752_x2.....cagauccgAguucgauucc..... 1
Gi1_4106429_x2..Aucaccaacagauccg..... 1
Gi5_8780981_x2.....gguucgauucccggcgGcgg..... 1
Gi1_4109713_x2uucucUcccaacagauccg..... 1
Gi3_28065536_x2.....agaucUggguucgauucc..... 1
Gi2_10965185_x2.....ucgGuucccggcgcgagc..... 1
G1a_5934562_x2.....gguucUauucccggcgc..... 1
Gi1_4111627_x2.....gguucgauucccgUgccc..... 1
Gi1_4155083_x2.ucucaccaacCgauccg..... 1
G1a_5930474_x2.....gguucgauucccggcgAc..... 1
G1a_5885002_x2.....ggAucgauucccggcgcgagc..... 1
Gi1_4150583_x2.....guucgauucccgAcgcccga..... 1
Gi5_8808217_x2.....gguucgauucccggcgAcggag..... 1
Gi5_8826375_x2.....Nuucgauucccggcgcg..... 1
Gi5_8723713_x2.....gUuucccggcgcgagc..... 1
Gi3_28128564_x2.....uucgauucccggcgcgag..... 0
Gi2_10969409_x2.....guuGgauucccggcgcg..... 1
Gi2_10945881_x2.....uucgaCucccggcgcg..... 1
Gi5_8729477_x2uucucacccaacaAauccggguuc..... 1
Gi5_8806185_x2.ucucaccUaacagauccg..... 1
Gi1_4135311_x2.....gguucgauNcccggcgc..... 1
Gi2_10858823_x2.....guucgauucUcgggcgc..... 1
Gi2_10991491_x2.....gguuAgauucccggcgc..... 1
Gi1_4148503_x2.....Uuucgauucccggcgcgag..... 1
Gi2_10952191_x2.....gguucgauucccggcgcCg..... 1
Gi2_10832883_x2.....guucgauuGccgggcgcg..... 1
Gi3_28140802_x2.....gguucCauucccggcgcgga..... 1
Gi2_10869631_x2.....gguucgauucccgGgcccgag..... 1
Gi3_28147456_x2.....uuUgauucccggcgcg..... 1
Gi2_10836725_x2.....gauuccgNcgcccgagc..... 1
Gi5_8763973_x2.....gguucgauucccggcgcgagcAu..... 1
Gi5_8819591_x2.....gguucgauucccgAcgcccgag..... 1
Gi2_10981085_x2.....guucgauucccggcgcUg..... 1
Gi1_4107931_x2uucucaUccaacagauccg..... 1
Gi5_8764301_x2uucucaccNaacagauccggguu..... 1
Gi3_28241054_x2.....uucgauucccggcgcAga..... 1
G1a_5900774_x2.ucGcaccaacagauccg..... 1
Gi1_4091203_x2.....guucgauucccggcCccga..... 1
Gi3_28606103_x1.....Gcaacagauccggguucgauucccggcgcgagc..... 1
Gi5_9082398_x1.....uucgGuucccggcgcg..... 1
Gi2_11291313_x1.....gguucgauucccggcCccga..... 1
Gi5_8850989_x1.....gguucgauucccggcgcUggag..... 1
G1a_6242963_x1.ucAcaccaacagauccg..... 1

Gi1_4203859_x1uuGucacccaacagauccgg..... 1
Gi3_28446139_x1.....Uggguucgauucccggcgccggagc..... 1
Gi3_28744785_x1.ucucacccaacagCuccgg..... 1
Gi4_595506_x1.....gguuUgauucccggcgccgg..... 1
Gi4_594361_x1..Aucacccaacagauccggguucg..... 1
Gi3_28787178_x1.....ucgauuAccggcgccggag..... 1
G1a_6176978_x1.....gguucgauCcccggcgccgga..... 1
Gi5_9012621_x1uucucacccaacagauccggguC..... 1
Gi3_28960986_x1.....ucgauucAcggcgccggag..... 1
Gi1_4364029_x1..cucacccaacagauccggguucgauUc..... 1
Gi5_9082997_x1.....guucgauucccggcgccggagcg..... 0
Gi5_9125734_x1uucucacccaacagGuccggguuc..... 1
Gi5_9071651_x1uucucaccAaacagauccggguuc..... 1
Gi3_28912503_x1.....gauucccggcgccggaAc..... 1
Gi5_9095907_x1.....guNcgauucccggcgccgg..... 1
G1a_6020147_x1.....gguucgauuccAggcgccggag..... 1
Gi1_4194051_x1.....guGcgauucccggcgccg..... 1
Gi2_11324069_x1.....cAgguucgauucccggcgccgga..... 1
Gi3_28428452_x1.....ucgaGucccggcgccggagc..... 1
Gi3_28917137_x1.....ucgauucGcggcgccggagc..... 1
Gi2_11284343_x1.....ucgaAucccggcgccggagc..... 1
Gi3_28723782_x1.....Agguucgauucccggcgccgga..... 1
Gi5_8946289_x1..uGacccaacagauccgggu..... 1
Gi2_11264536_x1.....gauucccggcgccgAagc..... 1
Gi3_28692740_x1..cucacccaacaAauccgg..... 1
Gi1_4295209_x1.....gguGcgauucccggcgccgg..... 1
G1a_6336195_x1.....gGucgauucccggcgccgga..... 1
Gi3_28590145_x1.....guucgauuGccggcgccggag..... 1
Gi3_28759870_x1.....agauccggguucgauuccU..... 1
Gi5_8918949_x1.....ucgGuucccggcgccggagc..... 1
Gi5_8849782_x1.....gguucgauucccggcgccggGgcguu..... 1
Gi2_11031774_x1.....cAauucccggcgccggagcguuuc..... 1
G1a_6160626_x1.....gAuucgauucccggcgccggagc..... 1
Gi5_8920249_x1.....gguucgauucccggcCccggagc..... 1
Gi2_11271302_x1.....Uggguucgauucccggcgcc..... 1
Gi3_28683519_x1.ucucaccccNacagauccg..... 1
Gi3_28471226_x1.....cggAuucgauucccggcgccgga..... 1
G1a_6126895_x1.....guucgauuNccggcgccgg..... 1
Gi5_9049110_x1..ucacccaacagauccAggu..... 1
G1a_6344008_x1.....gguucgauucccggcgccA..... 1
Gi3_28420742_x1..cucacccaacagauccgC..... 1
Gi5_9077616_x1.....uucgauucccggcgccggagcguuucc..... 0
Gi1_4278280_x1..cucacccaacagauccggguucgauucA..... 1
Gi3_28915508_x1.....gauucccggcgccAgagc..... 1
Gi5_9064515_x1Aucucacccaacagauccgggu..... 1
G1a_6201313_x1.....uucgauucccggcgccggCgc..... 1
Gi5_8873261_x1..cucaUccaacagauccgg..... 1

Gi3_28349661_x1...ucacccaacagauccggAuuc.....1
Gi2_11110040_x1.....guucgauucccgGgccg.....1
Gi5_9070968_x1.....ucgaCucccgccgcccggagc.....1
Gi1_4175616_x1.....gguCcgauucccgccgcccga.....1
Gi1_4194882_x1.....uGcggguucgauucccgccgcccga.....1
Gi3_28494870_x1.....ggguucgauucccgccgcccggGgc.....1
Gi3_28725258_x1..cucacccaNcagauccggguucgauucc.....1
Gi5_8878632_x1..cucacccaacaAauccg.....1
Gi2_11054287_x1.....gguucgauucccgUcgccg.....1
Gi3_28604818_x1.....ucgauCcccgccgcccggag.....1
Gi2_11120609_x1.....ucgauuccAgggcggagg.....1
Gi5_9138174_x1.....ggguucgauucccgccgAcg.....1
Gi5_8988260_x1..ucacccaaNagauccggguu.....1
Gi1_4313092_x1.....gguucgauuccAgcgcccggag.....1
G1a_6058608_x1.ucucacccaacagauCg.....1
Gi2_11039119_x1.....auccggguucgauucccgccgcccggagc.....0
Gi5_9127316_x1.....cccaacagauccggguucgau.....0
Gi5_9116538_x1.ucucacccaacagauAcg.....1
Gi2_11046574_x1.....gguucgauGcccgccgcc.....1
G1a_6108774_x1.....gguucgauCcccgccgcccggag.....1
Gi5_8843127_x1.....Ucagauccggguucgauucccgccgccc.....1
Gi3_28881241_x1.....gauucccgccgcccggagG.....1
Gi3_28795788_x1.....gaAuuccggcggcccggagc.....1
Gi1_4376981_x1.....uucgGuucccgccgcccggagc.....1
Gi5_9122889_x1.....gguGcgauucccgccgcccggagc.....1
Gi3_28555333_x1.....ucgauucccgccgcccgaC.....1
Gi5_9038163_x1.....gguucCauucccgccgcccggagc.....1
Gi3_28552136_x1.....ucgauucccgccgcccggU.....1
Gi2_11140477_x1uucucacccaacagauccgA.....1
Gi5_8977529_x1.....gguucgauUccggccgccc.....1
Gi3_28688297_x1.....gguAcgauucccgccgccc.....1
Gi5_8857226_x1.....guucgauucccgccgcccggagcgu.....0
Gi5_9086464_x1.....Aguucgauucccgccgcccggagcgu.....1
Gi3_28766235_x1.....caacagauccggguucgC.....1
G1a_5996456_x1.....ggguucgauucccgccgcccggagcC.....1
Gi2_11058683_x1.....cagauccggguucgauucccgccgcccggagcC.....1
Gi2_11189622_x1.....uucgauucccgccgUcgg.....1
Gi1_4240262_x1.....uucgauuccGggcggcccgg.....1
Gi1_4352148_x1.....gguucgauCcccgccgcccgg.....1
G1a_6310241_x1.....Cuucgauucccgccgcccgg.....1
Gi5_8899476_x1.....gguucgauucccgccgUcgg.....1
Gi4_606285_x1 uucucacccaacagauccggguuc.....0
Gi1_4257778_x1.....gguucgauucccgccgAg.....1
Gi5_9003046_x1.....guucgauucccgccgcccUga.....1
Gi2_11059842_x1.....gguucgauucccgccgcccCa.....1
Gi2_11164530_x1.....guucgauuccUcgccggag.....1
Gi2_11103065_x1.....cccaacagauccggguGc.....1

Gi5_8891167_x1..cucaccaUcagauccgg..... 1
Gi3_28471742_x1.ucucacAcaacagauccgg..... 1
Gi5_9000220_x1.....guucgaCucccgccgagcgguuc..... 1
Gi5_8950064_x1.....gguuGgauucccgcc..... 1
Gi5_9121068_x1.ucucaccaacagauUcg..... 1
Gi5_9052619_x1uucucaccAaacagauccgg..... 1
Gi5_8872085_x1.....gguucgauuccgUcgccggag..... 1
Gi1_4366842_x1..cGcaccaacagauccggguucga..... 1
Gi4_604906_x1.....guucgauuccAgcgccgg..... 1
Gi5_8908215_x1.....gguucGUuucccgccg..... 1
Gi1_4312696_x1.....uucccgccgagcgA..... 1
Gi3_28557731_x1.....cagauccggguucgaCucc..... 1
Gi2_11394664_x1.....gguucgauuccGggcccg..... 1
Gi2_11278841_x1.....gguGcgauucccgccggag..... 1
Gi2_11018820_x1.....uAcgauucccgccggagc..... 1
G1a_6055536_x1.....gguucgauuccAgcc..... 1
Gi1_4261491_x1.....gguucgauuccUggccggag..... 1
Gi4_583265_x1.....guucgauuccUcgcccgga..... 1
Gi5_9120741_x1.....gguNcgauucccgcc..... 1
Gi5_8853453_x1.....guucgauuccgUcgccggag..... 1
Gi5_8923941_x1..cucacAcaacagauccgg..... 1
G1a_6024901_x1.....gguucgauuAccggcccgag..... 1
Gi1_4327164_x1.....aucggguucgauucccgccggU..... 1
G1a_6035669_x1.....gguucgauuccUcgccggag..... 1
Gi5_8933169_x1...caccGacagauccggguucga..... 1
Gi3_28281794_x1.....gguucgauuccUggcccgga..... 1
Gi3_28983412_x1.ucucaccaacagauUcgg..... 1
Gi3_28782586_x1.....guucgaAuuccggccggag..... 1
Gi3_28328436_x1...cGcccaacagauccggguuc..... 1
Gi3_28632715_x1..cucaccaacagauccggCu..... 1
Gi5_9051916_x1.....guNcgauucccgccggagc..... 1
Gi4_597138_x1.....guucgauucccgUcgccga..... 1
Gi2_11275391_x1.....ucgauucccgccggagA..... 1
Gi3_28721884_x1...cacccaacagauccAgguuc..... 1
Gi1_4202829_x1.....gguuGgauucccgccggagc..... 1
G1a_6220951_x1.....uAcgauucccgccggagc..... 1
Gi4_575170_x1.....ggCucgauucccgccggagc..... 1
Gi2_11263507_x1.....gguucUauucccgccg..... 1
G1a_6174982_x1.....gguucgauuccCgcccggag..... 1
Gi5_8941816_x1.....gguucUauucccgccgg..... 1
Gi3_28792058_x1.....guucgaAuuccggccg..... 1
Gi5_8848803_x1.....guGcgauucccgccggag..... 1
Gi4_585899_x1.....Aguucgauucccgccggagc..... 1
Gi5_8857640_x1.....gguucGUuucccgccggag..... 1
Gi3_28971467_x1.....ucgauuccggccCga..... 1
Gi5_8956689_x1.ucucGcccaacagauccgg..... 1
Gi1_4373113_x1.....cccaacUgauccggguuc..... 1

Gi3_28555814_x1.....uucgauucUcggcgccggagc..... 1
Gi5_8843474_x1.Ccucaccaacagauccgg..... 1
Gi3_28492981_x1.....uccgguucgGuuccggcgccg..... 1
Gi3_28968747_x1.....uucgauuccggcAccgga..... 1
Gi1_4316738_x1.....uuccggcgccggagcCu..... 1
Gi3_28562024_x1.....uucgauuccAgggcgccggagc..... 1
Gi5_8935263_x1.....cccaacagauUcggguuc..... 1
Gi3_28682260_x1.....gguucgauucGcggcgccg..... 1
Gi3_28419933_x1.....agauccggNuucgauucc..... 1
Gi5_9107136_x1.....ucAgggguucgauuccggcgccg..... 1
Gi3_28806175_x1.....ggguucgGuuccggcgccgga..... 1
Gi2_11100601_x1.....ucgauuccggcUccggag..... 1
Gi5_9048238_x1.....gguucgaAuuccggcgccgga..... 1
G1a_6258115_x1.....Auucgauuccggcgccg..... 1
Gi5_9087095_x1.....gguucgCuuccggcgccggagcg..... 1
Gi5_9030840_x1.....gauuccggcgccggagA..... 1
Gi4_598390_x1.....gguucgauuccggGgcccg..... 1
G1a_6302868_x1.....aucggguucgaCuuccggc..... 1
Gi3_28280924_x1.....guucgauuccggcCccggagc..... 1
Gi3_28544967_x1.....Guccggguucgauuccggcgccgga..... 1
Gi3_28870627_x1.....guucCauuccggcgccggagc..... 1
G1a_5986143_x1.....gCuucgauuccggcgcc..... 1
Gi2_11094102_x1uucucaccaacagauccggguuc..... 0
Gi5_8897594_x1uucucaccaacagauccgAguu..... 1
Gi3_28644290_x1.....gggGucgauuccggcgccgga..... 1
G1a_6005304_x1.....uucgauuccUggcgccggagc..... 1
Gi5_8965890_x1.....Agauuccggcgccggagcgguuc..... 1
Gi1_4374259_x1..cucaccAaacagauccgg..... 1
Gi2_11386878_x1.....guucgauucGcggcgccg..... 1
Gi3_28467549_x1.....gguucgUuuccggcgccg..... 1
Gi5_8975422_x1.....guucgaCuuccggcgccggagcggu..... 1
Gi5_9066493_x1.....guucgauuccggcgccgUa..... 1
Gi1_4328694_x1.....cgauuccggcgccggagc..... 0
Gi3_28481247_x1uucucaccaacagCuuccg..... 1
Gi4_570145_x1.....gGucgauuccggcgccgga..... 1
Gi5_8954286_x1.....gauuccggcgccggaUc..... 1
Gi2_11034520_x1uucucaccaacaUauccg..... 1
Gi5_8867078_x1.....cccGacagauccggguuc..... 1
Gi2_11055804_x1.....aacagauccggguucgauCcccgcgccg..... 1
Gi5_9075210_x1..ucaccaacagauccggguC..... 1
Gi2_11226528_x1.....agGuccggguucgauucc..... 1
Gi1_4185010_x1.uUucaccaacagauccgg..... 1
Gi1_4278256_x1.....guucgauuGcggcgccggagc..... 1
Gi5_8891075_x1..cucaccaaAagauccg..... 1
Gi2_11199524_x1.....Gggguucgauuccggcgccgga..... 1
Gi5_9011630_x1uucucCcccaacagauccg..... 1
Gi1_4202183_x1.....ucgauuccAgcgccggagc..... 1

Gi3_28815093_x1.....ucgauGcccggcgccggag..... 1
G1a_6177820_x1.....uucgauucccgcgccgAagc..... 1
Gi3_28784225_x1.....uucgUuucccgcgccgg..... 1
Gi5_9087436_x1.....auucccgcgccggagcgA..... 1
Gi5_8994262_x1.....ggguucgauucccgcgccggagcC..... 1
Gi3_28822165_x1.....guuGgauucccgcgccgg..... 1
Gi4_586758_x1.....gguucgauucUcggcgccgg..... 1
G1a_6322424_x1.....ucgauucccgcgccggagcCu..... 1
Gi2_11303602_x1.....gguucgauucccgcgccggagcguuu..... 0
Gi5_9116559_x1.....guucgauuccUgcgccggagc..... 1
G1a_6250668_x1.....guucgauucccgUgcccgg..... 1
Gi5_9044436_x1.ucucacccaacagauccggguu..... 0
Gi3_28883800_x1uucucacGcaacagauccggguuc..... 1
Gi1_4368785_x1uucucacccaacagUccggguucgau..... 1
Gi1_4330992_x1.....guucgaGucccgcgccgg..... 1
Gi5_9050629_x1.....acccCacagauccggguucgauucc..... 1
Gi5_9015306_x1.....guucgauGcccggcgccgg..... 1
Gi3_28320600_x1uucucaUccaacagauccgg..... 1
Gi5_9018245_x1.....gguucgauucccgcgccAgagcguu..... 1
Gi3_28519129_x1.....cgauAcccgcgccggagc..... 1
Gi5_9026824_x1.....agauAccggguucgauucc..... 1
Gi3_28737614_x1.....ucAauucccgcgccgga..... 1
Gi1_4166191_x1.cucacccaacagauccggguucgG..... 1
Gi3_28860126_x1.....cccaacagauccggguucgauGcc..... 1
Gi5_9114512_x1.....gguucgauucccgcgccggagcgCuu..... 1
G1a_6021407_x1.....gguucgauucccgcgccggagU..... 1
G1a_6308753_x1.....guucgauNccggcgccggagc..... 1
Gi5_8877369_x1.....guucgauucccgcgccggU..... 1
Gi5_8973379_x1.....ucgauucccgcgAccggagc..... 1
Gi3_28643184_x1.....uucgauucccgcgccAggagc..... 1
Gi3_28944552_x1.....Aucgauucccgcgccgga..... 1
Gi3_28462976_x1.....gguuNgauucccgcgccggagc..... 1
Gi5_8941812_x1.....gguucgauucccgcgccggagcguuC..... 1
Gi1_4217338_x1.ucucacUcaacagauccgg..... 1
Gi3_28746704_x1.....aCauccggguucgauucccgcgccgg..... 1
Gi5_9125988_x1.....guCcgauucccgcgccggag..... 1
Gi3_28370586_x1uucucacccaacagauAccggguuc..... 1
Gi2_11107148_x1.....aacagauccggguuAgauucccgcgccg..... 1
Gi3_28403797_x1.....agauccggguucgauGc..... 1
Gi1_4358312_x1..ucacccCacagauccgggu..... 1
Gi3_28851276_x1.....caacagauccggguucAa..... 1
Gi3_28371487_x1uucucacccaacaUauccg..... 1
Gi5_8872509_x1.....ggguucgCuucccgcgccggagc..... 1
Gi2_11010459_x1.....ucgaCuucccgcgccgga..... 1
Gi3_28838892_x1.....auccgAguucgauucccgcgccgga..... 1
Gi3_28625165_x1.cucacccaacagauUcgg..... 1
Gi5_8943072_x1uucucacccaacCgauccg..... 1

Gi1_4307504_x1.....Aucgauucccgcgccgg..... 1
Gi4_581032_x1.....gCuucgauucccgcgccggagc..... 1
Gi3_28970858_x1.....ucgauucccgcgccUgga..... 1
Gi5_8906375_x1..cucacccaacagauccgA..... 1
Gi2_10999928_x1.....gguucgauuccGggcgccgga..... 1
Gi3_28973006_x1.....cagaucgggGucgauucccgcgccgg..... 1
Gi1_4222424_x1.....guucgauuccAgggcgccggagc..... 1
Gi4_610798_x1.....gguucgauucccgcgccgC..... 1
Gi2_11072067_x1.....ggguucgauucccgcgccg..... 0
Gi3_28501653_x1.....cUacagauccggguucga..... 1
Gi5_8903697_x1.....gguucgauucccggcUccggagc..... 1
Gi2_11337343_x1.....gguucgauuccGggcgcc..... 1
Gi2_11235190_x1.....guucgauucccgcgccUgag..... 1
Gi3_28444929_x1.....uGcggguucgauucccgcgccg..... 1
Gi2_11323640_x1.....gUguucgauucccgcgccggag..... 1
Gi5_9075623_x1.....guucgaCucccgcgccggagcgu..... 1
Gi5_9097109_x1.....aUagauccggguucgauucccgcgcc..... 1
Gi1_4212311_x1.ucucacccaacagauccAg..... 1
Gi3_28392848_x1.....gguucgauucccgcgccggagcUu..... 1
Gi2_11237992_x1.....uucgauuccUggcgccggagc..... 1
Gi5_8901041_x1.....gguucgauucccgcgccgCag..... 1
Gi5_9135537_x1..ucacccGacagauccggguu..... 1
Gi3_28588303_x1Nucucacccaacagauccg..... 1
Gi2_11289243_x1.....gguucgauucccgCcgcc..... 1
Gi5_9025560_x1.....gguucgauucccgcgccggaC..... 1
Gi5_8964200_x1.....ggNucgauucccgcgccg..... 1
Gi5_9088187_x1.....ccggguucgauucccgcgccggU..... 1
Gi3_28765865_x1.....gauucccgUcgccggagc..... 1
Gi3_28593613_x1.....Ncgauucccgcgccggagc..... 1
Gi5_9126598_x1.....cccaGcagauccggguucgau..... 1
G1a_6016120_x1.....uucgauucccgcgccggGgc..... 1
Gi3_28426008_x1.....ucgauuAccggcgccggagc..... 1
Gi5_9048280_x1.....guucgGuucccgcgccggag..... 1
Gi5_8866384_x1.....ucgauucccgcgccggC..... 1
Gi5_8875925_x1.....Cucgauucccgcgccggag..... 1
Gi4_600480_x1.....guucgUuucccgcgccg..... 1
G1a_6183397_x1.....guucgauucccgcgccggagcU..... 1
Gi5_9050165_x1.....guuAgauucccgcgccg..... 1
Gi4_592464_x1.....guucgauucccgcgccgA..... 1
Gi3_28684600_x1.....uucgauuUccggcgccgg..... 1
Gi3_28827725_x1.....uccggguucgauAcccgcgccgga..... 1
Gi3_28609217_x1uucucacccaacagauccggguuA..... 1
Gi3_28321592_x1.....Accggguucgauucccgcgccgga..... 1
Gi3_28426142_x1.....uccggguucgCuucccgcgccgga..... 1
Gi5_9056090_x1.....aacagauccgggCucgauucccgcgccggagc..... 1
Gi2_11231686_x1.....gauucccgcgccggCgc..... 1
Gi3_28403535_x1.....aUauccggguucgauucccgcgccgg..... 1

Gi4_574850_x1guucgGuucccgcgccgga..... 1
Gi1_4271575_x1gAuucgAuucccgcgccggag..... 1
Gi1_4195490_x1guucgAuucccgcgccggaAc..... 1
Gi2_11237360_x1gguucgAuucGccggcgccggag..... 1
Gi2_11361890_x1ccggguucgAuucccgcgUcgga..... 1
Gi3_28572390_x1gguucgAuAcccgcgccgg..... 1
Gi5_9045279_x1gAuucgAuucccgcgccggagcguuu..... 1
Gi2_11100384_x1uucucaGccaacagauccg..... 1
Gi3_28689156_x1ucgauucccgAcgccggag..... 1
Gi3_28507336_x1ucgauucccgcgAcgga..... 1
Gi3_28901503_x1caacagauccggguCcg..... 1
Gi5_9082802_x1.ucucacccaacGgauccg..... 1
Gi5_8985201_x1gUuccggguucgAuucccgcgccgga..... 1
Gi3_28545311_x1aacagauccggguucgAuucccgcgUcgga..... 1
Gi3_28682632_x1..cucacccaacagauccGg..... 1
Gi1_4380831_x1guucCauucccgcgccgga..... 1
Gi2_11215724_x1guuNgauucccgcgccggag..... 1
Gi2_11403150_x1cgauucccgcgccggagcguuC..... 1
Gi5_9050820_x1uuNucacccaacagauccg..... 1
G1a_6104292_x1gguucgAuuccUggcgcc..... 1
Gi3_28921023_x1uucAauucccgcgccgga..... 1
Gi4_584974_x1CuucgAuucccgcgccgg..... 1
Gi5_8979444_x1CucgAuucccgcgccgg..... 1
Gi5_8997089_x1ccggguucgGuucccgcgccgga..... 1
Gi2_11178729_x1uucucacccaacagauccggguUg..... 1
Gi1_4202196_x1cgauucccgcgccggag..... 0
Gi3_28983925_x1agauccggAuucgAuucccgcgccggagc..... 1
Gi5_9099443_x1acagauccggguucAauucccgcg..... 1
Gi1_4355106_x1gCuucgAuucccgcgccggag..... 1
Gi1_4250698_x1cagauccggguucgAuucccgcgAc..... 1
G1a_6320710_x1guAcgAuucccgcgccgg..... 1
Gi2_10994031_x1gguucgAuucccgcgccAgg..... 1
Gi3_28940332_x1UgauccggguucgAuucc..... 1
Gi3_28368155_x1ggNucgAuucccgcgccgga..... 1
Gi1_4266129_x1gguucgAuucccgcgCccggagc..... 1
Gi5_9112221_x1gguucgAuucccgcgccggCgCGuu..... 1
Gi4_609748_x1gguucgAuucccgcgccggagcCu..... 1
Gi5_8974533_x1cccaacagCuccggguuc..... 1
G1a_6317276_x1gguucgAuucccgAgcgg..... 1
Gi5_9023466_x1gguucgAuuccAgcgccgg..... 1
Gi2_11331587_x1guNcgAuucccgcgccgg..... 1
Gi5_8935297_x1guucgAuuccCcgcgccgga..... 1
G1a_6279999_x1guucgAuuccAgcgccggagc..... 1
Gi5_8839602_x1.ucucacGcaacagauccg..... 1
Gi1_4374162_x1acccaacagauccggguucgAuucUcg..... 1
Gi3_28608683_x1CgguucgAuucccgcgccg..... 1
Gi3_28816522_x1uAcgAuucccgcgccgg..... 1

Gi3_28869815_x1uucuUacccaacagauccgg..... 1
Gi3_28376183_x1.....gguucgUuuccggcgccgg..... 1
Gi2_11009016_x1.....uGcgauuccggcgccggag..... 1
Gi1_4213027_x1.....gguucgauuccggcgccggaCc..... 1
Gi1_4320439_x1.....auccAgguucgauuccggcgccgg..... 1
Gi1_4336294_x1.....gguuAgauuccggcgccggag..... 1
G1a_6139298_x1uucucaccAaacagauccg..... 1
Gi2_11397560_x1.....guucgauuccggcgGcgga..... 1
Gi1_4159385_x1.....aGccggguucgauuccggcgccgga..... 1
Gi3_28391790_x1.....Uguucgauuccggcgccggagcguu..... 1
Gi3_28573501_x1..ucaccaGcagauccggguuc..... 1
Gi3_28439206_x1.....cagauccggguucgauuGcc..... 1
Gi3_28519252_x1..cucaccaNcagauccggguucgauu..... 1
Gi5_8878519_x1uucAcacccaacagauccggguu..... 1
Gi2_11248818_x1.....aacUgauccggguucgauuccggcgccg..... 1
Gi5_8861140_x1.....uccggguucgauuccCgc..... 1
Gi5_8965334_x1.....gguucgauuUccggcgccggagcguu..... 1
Gi1_4248429_x1.....guucgauuccGggcgccg..... 1
Gi5_9021911_x1uuUucacccaacagauccggguuc..... 1
Gi5_9107189_x1..cAcacccaacagauccgg..... 1
Gi2_11375064_x1.....ccaacagaNccggguucgauuccggcgccggagc..... 1
Gi5_9017239_x1.....guucUauuccggcgccggagcguuucc..... 1
Gi5_8990492_x1.....gguCcgauuccggcgccggagcguu..... 1
Gi3_28495574_x1.....agauGcggguucgauucc..... 1
G1a_6330265_x1.....gguucgauuccggcgGcgga..... 1
Gi2_11033012_x1.....cgaCuuccggcgccggagcguuu..... 1
Gi1_4282852_x1.....ggAucgauuccggcgccggag..... 1
Gi2_11294532_x1.....uucgauuccGAcgcccga..... 1
Gi3_28742968_x1.....cccNacagauccggguucgauucc..... 1
Gi3_28672092_x1uucucacGaacagauccg..... 1
Gi3_28423031_x1.....cagauccggguucgauuccggcgccgC..... 1
Gi1_4326623_x1.....guucgauAccggcgccg..... 1
Gi5_8863732_x1.....gguucgauuccggcgccggagcguC..... 1
Gi3_28467341_x1.ucucacUaacagauccg..... 1
Gi2_11056791_x1.....agauccggAuucgauucc..... 1
Gi5_8865448_x1.....uccggguucgauuAccggc..... 1
Gi5_9124154_x1.....guuAgauuccggcgccgga..... 1
G1a_6169776_x1.....gguucgaCuuccggcgccgga..... 1
Gi3_28481643_x1.....Cccggguucgauuccggcgccgga..... 1
Gi5_8872269_x1.....guucgauuccggcgUccggag..... 1
Gi3_28668874_x1.....caacagauccggguucgauuccggcgccggagc..... 0
Gi1_4323896_x1.....auccggAuucgauuccggcgccgg..... 1
Gi1_4323736_x1.....cgauuccggcgccggagcguuA..... 1
Gi4_575202_x1.....cgauuccggcgccggagcC..... 1
Gi5_8950806_x1.....guucgauuUccggcgccggagc..... 1
Gi3_28864523_x1.....ucgauuccggAgcccga..... 1
Gi5_8841715_x1.....Accaacagauccggguucgauucc..... 1

Gi1_4159212_x1.....Ggauccggguucgauuccc..... 1
Gi4_579742_x1.....guCcgauucccggcgcgag..... 1
Gi5_8960424_x1.....gguucgauucAcggcgcc..... 1
Gi4_596185_x1.....ucgauucccggcgcgagcC..... 1
Gi2_11020624_x1.....guucgauuccAgggcgccga..... 1
Gi1_4325094_x1.....guAcgauucccggcgcgag..... 1
Gi5_9103621_x1ucucacccaacagauccggguCc..... 1
Gi5_8878709_x1..cucacccaacagauccCg..... 1
Gi2_11304308_x1.....guucgauGccggcgccggag..... 1
Gi5_9116513_x1.ucucacccaacGgauccgggu..... 1
Gi3_28378571_x1.....ggguucgGuucccggcgcgagc..... 1
Gi3_28964329_x1.....ggguGcgauucccggcgcgag..... 1
Gi1a_6100783_x1.....gguucgauucccgAcgccc..... 1
Gi3_28284791_x1.....gauccgAguucgauuccc..... 1
Gi2_11383158_x1.....guucgauucccggcgcgagUa..... 1
Gi1_4290332_x1.....guucgauucccggcgcgagcA..... 1
Gi3_28493974_x1...caccaacagUuccggguuc..... 1
Gi3_28714124_x1...caccaacagauccgAguuc..... 1
Gi4_594417_x1..cucacccaacagauccggguUg..... 1
Gi3_28478583_x1.....ccGacagauccggguucgauucccggcgcgag..... 1
Gi2_11218958_x1.....gauuccggcAccggagc..... 1
Gi1_4179955_x1.....gguucgauucccggcgcgagUg..... 1
Gi5_9021917_x1ucucaccccGacagauccgggu..... 1
Gi5_8848946_x1.....ucgauucUcggcgccggag..... 1
Gi3_28973498_x1.....ucgauuccGggcgccggagc..... 1
Gi5_8892467_x1...cUaacagauccggguuc..... 1
Gi1_4295786_x1.....guuAgauucccggcgcgagc..... 1
Gi4_569927_x1.....gguucgauucccggcgcgagcA..... 1
Gi5_8948057_x1.....Cgguucgauucccggcgcgagc..... 1
Gi1_4374816_x1.....Ccgauucccggcgcgagc..... 1
Gi3_28439388_x1.....gNuucgauucccggcgcgagc..... 1
Gi3_28502031_x1.....ucgauucccggcgcgagGg..... 1
Gi1_4201748_x1.....uucgauucccggcgcgagcA..... 1
Gi2_11118619_x1.....cgUuucccggcgcgagcguuu..... 1
Gi2_11144807_x1.ucucaccccGacagauccgg..... 1
Gi2_11134309_x1.....cgggGucgauucccggcgcgag..... 1
Gi2_11252634_x1.....gguucgauucccggcgcgagU..... 1
Gi1_4175714_x1.....gguucgauucccggcgcgagc..... 1
Gi1_4389669_x1.....gguucUauucccggcgcgag..... 1
Gi5_8961465_x1.....gguuUgauucccggcgcgagcguuu..... 1
Gi5_8913058_x1.....ucgauucccggcgcgagGg..... 1
Gi2_11057976_x1uuNucacccaacagauccg..... 1
Gi3_28790025_x1.ucucacUaacagauccg..... 1
Gi2_11222589_x1.....ucgauuccAgcgcgag..... 1
Gi3_28852957_x1ucucacccaacagauccggguucg..... 0
Gi1_4274271_x1.....uucgauucccggcgcgagcA..... 1
Gi2_11158769_x1.....uucgauucccggcgcgagA..... 1

Gi1_4217748_x1..cucacccaaAgaucggg..... 1
Gi5_8905453_xluucucacccaacCgaucggguu..... 1
Gi5_8840045_x1.....ucgauuccggcgccgAa..... 1
Gi2_11129664_x1.....ggguucgauuccggcgAcgga..... 1
G1a_6189935_xluucucaccccGacagaucgg..... 1
Gi1_4295070_x1.....caacagaucggguucgauuccUggc..... 1
Gi4_589114_x1.....gguucgauuccggcgccggaAc..... 1
Gi1_4301285_x1.....gguucgauUccggcgccggagc..... 1
Gi2_11154278_x1.....gguucgauAccggcgccg..... 1
Gi3_28418844_xluucucacccaacagaucggAguuc..... 1
Gi2_11328523_x1.....cagaucggNguucgauucc..... 1
Gi3_28974909_x1.....uucgauuccggAgccggagc..... 1
Gi5_9020591_x1.....acagaucggAguucgauuccggcg..... 1
Gi5_8915546_x1.....gguucgUuuccggcgccggagc..... 1
Gi5_9018585_x1.....gguucgaAuuccggcgccggag..... 1
G1a_6154963_x1.....uuUgauuccggcgccggagc..... 1
Gi5_9062050_x1.....gguucgauucUcggcgccggagcgu..... 1
Gi4_597091_x1 uGcucacccaacagaucgg..... 1
Gi4_571954_x1.....guAcgauuccggcgccgg..... 1
Gi1_4224661_xluucucacccaacagaGccgg..... 1
Gi2_11090701_xluucucacccaacagaGccggguucg..... 1
Gi3_28422376_x1.....uccggguucgauuccAgcgccgga..... 1
Gi2_11358108_x1.....agaucggguucgGuucc..... 1
Gi3_28375014_x1.....guucgauuccggcgccggagcg..... 0
Gi5_8984487_x1...Uacccaacagaucggguucga..... 1
Gi3_28584570_x1.....Cucgauuccggcgccgg..... 1
Gi1_4218397_x1.....uccggguucgauGcccggcgccgga..... 1
Gi3_28617586_x1.....uccggguucgauuccggcgccggC..... 1
Gi5_8838262_x1.....gguucgauAccggcgccgga..... 1
Gi3_28742472_x1.....gauuccGggcgccggagc..... 1
Gi2_11372011_x1.....cgauuccggUgcccggagcguuu..... 1
Gi5_9003785_xluucucacccaacagaucAg..... 1
Gi3_28516877_x1.....agaucggguCcgauuccggcgccggag..... 1
Gi3_28565667_x1.....auuccggcgccggagcCu..... 1
Gi5_8990706_x1.ucucacccaacUgaucgg..... 1
Gi1_4371333_x1.....uucgauuccUggcgccggagc..... 1
Gi1_4269826_x1...cGcccaacagaucggguucgauucc..... 1
Gi4_594121_x1.....gguucgaCuuccggcgccggagc..... 1
Gi3_28605773_x1.....gguGcgauuccggcgccggag..... 1
Gi2_11000590_x1.....gauAccggcgccggagc..... 1
G1a_6004502_x1.....ggguucgauuccggUgc..... 1
Gi5_8876818_x1...cccaacagaucGggguuc..... 1
Gi2_11295613_x1.....guuGgauuccggcgccggagc..... 1
Gi1_4283066_x1.....gAuucgauuccggcgcc..... 1
Gi2_11021314_x1.....ucgauuccAgcgccggagc..... 1
Gi2_11295088_x1.....gguNcgauuccggcgccgga..... 1
Gi3_28609483_x1.....ucgauuccggcgccggUgc..... 1

Gi5_8868571_x1.....guuNgauucccgcgccgga..... 1
Gi3_28429230_x1uucucUcccaacagauccgg..... 1
Gi2_11244713_x1.....ucgauucccgcgccAga..... 1
Gi4_604592_x1.....gguucgauUccggcgccgg..... 1
G1a_6044083_x1.....guucAauucccgcgccggag..... 1
Gi1_4376379_x1uucucaccaacaCaucgg..... 1
Gi4_610398_x1..cucaccaacagauccggguCcg..... 1
Gi1_4266422_x1uucucaccaacagauccU..... 1
Gi3_28435967_x1.....caacagauccggGucga..... 1
Gi3_28543581_x1.....caacGgauccggguucga..... 1
G1a_6158177_x1.....gguucgauucccgcgAgga..... 1
Gi3_28767525_x1.....ucgCuucccgcgccggagc..... 1
Gi2_11151932_x1.....uccggguucgauuccUggcgccgga..... 1
Gi3_28509361_x1.....gCucgauucccgcgccggagcg..... 1
Gi2_11303749_x1.....guucgaAuuccggcgccgg..... 1
Gi3_28419247_x1..ucaccaacagauccggguU..... 1
Gi3_28774530_x1.....uccGAguucgauucccgcgccgga..... 1
Gi2_11338905_x1.....gguucgauucccgcgGg..... 1
Gi5_9130071_x1.....agaucggguCcgauucc..... 1
Gi5_8896035_x1uucucaccaacagauccAggguu..... 1
Gi2_11302589_x1.....cggguucgauuccAcggcgccgga..... 1
Gi3_28686517_x1..cucaccaacagauccUg..... 1
Gi1_4186097_x1.....agaucggguucgaCuccc..... 1
Gi5_8981725_x1.....Gucgauucccgcgccggagc..... 1
Gi5_8834769_x1...aGccaacagauccggguucgauucc..... 1
Gi2_11150518_x1.....gguucgauucccgcgGcggag..... 1
Gi5_9132765_x1.ucucacGcaacagauccgg..... 1
Gi2_11264212_x1.....gguucgauucccgcgccggUg..... 1
Gi5_9077938_x1.....gauucccgcgccggagcCu..... 1
Gi4_570039_x1.....guucgauucccggcAccggag..... 1
Gi1_4191676_x1.....ucgauucccgcgccgga..... 0
Gi2_11000963_x1.....guucgauGccggcgccggagc..... 1
Gi3_28923520_x1.....cCauucccgcgccggag..... 1
Gi3_28467988_x1.....cgauucccgcgccggagcguu..... 0
Gi5_8884678_x1.ucucCcccaacagauccgg..... 1
Gi1_4340501_x1.....gguNcgauucccgcgccg..... 1
Gi3_28552888_x1..cucaccaacagauccGgg..... 1
Gi3_28729090_x1uuGucaccaacagauccg..... 1
Gi3_28521586_x1uucucGcccaacagauccgg..... 1
Gi3_28876879_x1.....Aguucgauucccgcgccggagcg..... 1
Gi5_8866757_x1.ucucaccaacagauccgg..... 0
Gi2_11340941_x1.....uucgCuucccgcgccgg..... 1
Gi1_4203173_x1..Nucaccaacagauccgg..... 1
G1a_6109479_x1uucucaccUaacagauccg..... 1
Gi3_28740307_x1.....gauucccgcgccggagcGA..... 1
Gi2_11031964_x1.....gguucgauucccgCcgccgg..... 1
Gi2_11061990_x1.....ucgauuccNggcgccgga..... 1

Gi2_11114223_x1.....Ggaucgguucgauucc..... 1
Gi1_4257465_x1.....gguucgauAcccggcgcggag..... 1
G1a_5995027_x1.ucucGcccaacagauccg..... 1
Gi1_4176742_x1.....aacagauccggguucgauucccgUgcccg..... 1
Gi3_28315274_x1.....cagaGccggguucgauucccggcgcgg..... 1
Gi5_8953659_x1.....gguucgauuccUgcccggg..... 1
Gi5_8902831_x1.....cagauccggguucgauCcccggcgcgg..... 1
Gi3_28908699_x1.Ncucaccaacagauccg..... 1
Gi5_9082065_x1.....gguucgauGccgggcgcgg..... 1
Gi5_8968009_x1Nucucaccaacagauccg..... 1
Gi3_28399065_x1.....uccggguUgauuccgggcgcggg..... 1
Gi2_11379186_x1.....cgauuccgggcgcgggagcguuuA..... 1
Gi1_4171915_x1.....gguucgauUcgggcgcgg..... 1
Gi2_11168775_x1.....cccaacagauccgggCuc..... 1
Gi2_11311702_x1.....gguucgauucccgUgcccggg..... 1
Gi1_4159395_x1.....guuNgauuccgggcgcgggagc..... 1
G1a_6343388_x1.....gguucUauuccgggcgcgg..... 1
G1a_6044462_x1.....ucgauuccgggcgcgggagc..... 0
Gi1_4271800_x1.cucaccaacUgauccg..... 1
Gi5_9133714_x1.....ucgauucccgUgcccgggagc..... 1
Gi2_11275583_x1.....cagauccggguucgauuccgggcgcggCg..... 1
Gi2_11372612_x1.....gaucggguucgauucc..... 0
Gi3_28577470_x1.....agauccggguUAgauucc..... 1
Gi5_9017324_x1.....cacccaaUagauccggguucga..... 1
Gi3_28607644_x1.cucaccaacUgauccg..... 1
Gi4_571218_x1.....gguucgauucccggcgcA..... 1
Gi5_9084857_x1.....uGcggguucgauuccgggc..... 1
Gi5_9053569_x1.....guNcgauuccgggcgcgg..... 1
Gi2_11271529_x1.....cagauccggguucgCuuccgggcgcgggag..... 1
Gi2_11022110_x1.....cgauuccUgggcgcgggagcguuuc..... 1
Gi3_28872324_x1.....ucUggguucgauuccgggcgcggg..... 1
G1a_6053965_x1.....gguucgGuuccgggcgcgg..... 1
Gi5_9101242_x1.....uccggguucgauuccUggc..... 1
Gi5_9118019_x1.....uccggguucgauuccgggA..... 1
Gi3_28782911_x1.....ggguucgGuuccgggcgcgggag..... 1
Gi1_4367436_x1.Acucaccaacagauccg..... 1
Gi2_11005910_x1.....caUauccggguucgauuccgggcgcggg..... 1
Gi2_11059354_x1.....gguucgaAuuccgggcgc..... 1
Gi3_28402350_x1.....auccggguNcgauuccgggcgcgggagc..... 1
Gi5_8902325_x1.....Agguucgauuccgggcgcgggag..... 1
Gi3_28580361_x1.....ucgauuccgggcgcgggagcA..... 1
G1a_6202501_x1.....gguucgauNccgggcgc..... 1
Gi4_567782_x1..Gucaccaacagauccggguucg..... 1
Gi2_11008204_x1Aucucaccaacagauccg..... 1
Gi1_4284310_x1uucucaccaacagauccg..... 1
Gi1_4275504_x1.....gguucgauucccgAcgcc..... 1
Gi2_11222338_x1.....guNcgauuccgggcgcgggagc..... 1

Gi1a_6083325_x1.....gguucgauucccgAgccgg..... 1
Gi2_11355533_x1.....uccggguucgauAcccggcgccgga..... 1
Gi4_595029_x1.....guucgauucccggcAgcg..... 1
Gi3_28395763_x1.....caacagaCccggguucga..... 1
Gi3_28905466_x1..cucUcccaacagauccgg..... 1
Gi4_603804_x1..cucaccaacagauccgg..... 0
Gi3_28526016_x1.....cgauucccggcUcggag..... 1
Gi1_4386623_x1uucucCcccaacagauccgg..... 1
Gi2_11111681_x1.....guucgauuccGggcgccggagc..... 1
Gi1_4376683_x1.....gguucgauUccggcgccg..... 1
Gi4_606205_x1.....guucgauucccggcAgg..... 1
Gi2_10997984_x1uucucGcccaacagauccg..... 1
Gi3_28770490_x1.....guucgauucccggcGcgGggag..... 1
Gi1_4234343_x1.....gguucUauucccggcgccg..... 1
Gi3_28846220_x1.....ggguucgaNuuccggcgccggagc..... 1
Gi1_4388966_x1.....ucgauucccggcUcggagc..... 1
Gi2_11090457_x1uucucacUcaacagauccggguucg..... 1
Gi2_11287437_x1.....gauccggguucgauucccggcgccgga..... 0
Gi1_4313075_x1.....guucgauucccggcAccg..... 1
Gi2_11294474_x1.....uucgauucccggcAccgg..... 1
Gi1a_6328472_x1.....uucgauucNcggcgccggagc..... 1
Gi5_8957344_x1uucucaAccaagauccgg..... 1
Gi4_595660_x1..cucaccaacagauccggguucA..... 1
Gi3_28975968_x1.....auccggguucAauucccggcgccgga..... 1
Gi5_9077290_x1.....uucgaCucccggcgccggagc..... 1
Gi4_587679_x1.....gauucccggcgccggagcC..... 1
Gi3_28708828_x1.ucucaccaacagauccgC..... 1
Gi2_11034387_x1.....uccggguucgaCucccggcgccgga..... 1
Gi5_8840570_x1.....guucgauucccggcGcggag..... 1
Gi3_28979015_x1.....Gucgauucccggcgccggag..... 1
Gi1_4343275_x1.ucucaccaacaAuuccgg..... 1
Gi1_4207462_x1.....uucgauucccggcgccggagcCu..... 1
Gi1a_6151198_x1.....gguucgauUccggcgccggagc..... 1
Gi2_11133986_x1.....cggguucgauucccAgcgccgga..... 1
Gi2_11022829_x1.....cccaCcagauccggguuc..... 1
Gi1_4280852_x1.....uccggguucgaCucccggcgccgga..... 1
Gi5_9030671_x1.....gguucgauucccgGgcc..... 1
Gi2_11045741_x1.....guucgauucccggcgccgAa..... 1
Gi5_8855692_x1.ucucaccaacagauccGg..... 1
Gi1_4367709_x1.....cGgauccggguucgauucccggcgcc..... 1
Gi3_28894200_x1..cucaccaGcagauccgg..... 1
Gi5_8885001_x1.....Uuucgauucccggcgccggagcguu..... 1
Gi1a_6170784_x1.....guucgauucccggcgccAg..... 1
Gi2_11370999_x1uucucCcccaacagauccgg..... 1
Gi3_28923891_x1.....Ugauccggguucgauucc..... 1
Gi5_9051218_x1..ucaccaacaAuuccgggu..... 1
Gi3_28458350_x1.....guucgauucccggcUccggag..... 1

Gi5_9036859_x1.ucucacccNacagauccgggu..... 1
Gi1_4367466_x1....acccaacaAauccggguucgauucc..... 1
Gi2_11185963_x1.....gguucgauucccggcgccggagcAuuuc..... 1
Gi1_4342867_x1.....cgauucccggcgccggagcU..... 1
Gi5_8852998_x1.....gguucAauucccggcgcc..... 1
Gi3_28332252_x1.....aCauccggguucgauucccggcgccggag..... 1
Gi3_28624239_x1..cCacccaacagauccggguucgauucc..... 1
Gi5_8895238_x1.....gguucgauCcccggcgccggagcguu..... 1
Gi5_8971807_x1.....cagaucggNguucgauucccggcgccg..... 1
Gi1_4377282_x1..ucacccaacagauccggAu..... 1
Gi5_9035748_x1.....gNuucgauucccggcgccggagc..... 1
Gi3_28716628_x1.....uucgauucccggcgccUgagc..... 1
Gi1_4348091_x1.....gguucgauucccggcgccCga..... 1
Gi4_612632_x1.....gGucgauucccggcgccg..... 1
Gi3_28954306_x1.....ucgauucUcgggcgccggag..... 1
Gi1_4195659_x1.....Uuccggguucgauucccggcgccgga..... 1
Gi1_4364259_x1.....gguucgauucAcgggcgccggag..... 1
Gi1_4185539_x1.....gauucccggcgccggagU..... 1
Gi3_28343661_x1.....uucgaCuucccggcgccggag..... 1
Gi5_9013166_x1.....Cgauccggguucgauucc..... 1
Gi5_8842286_x1.....gguucgauuccAggcgccggagcguu..... 1
Gi5_9092387_x1.....gguucgauucccgCgcgcc..... 1
Gi2_11292939_x1.....guucgauUccgggcgccggag..... 1
Gi1_6026247_x1.....guucUauucccggcgccgg..... 1
Gi3_28558286_x1.....guucgauucccgAcgccg..... 1
Gi3_28500151_x1.....ggguucgauucccggcgA..... 1
Gi3_28333127_x1.....Ucagauccggguucgauucc..... 1
Gi5_9084290_x1uucNcacccaacagauccgg..... 1
Gi4_574948_x1.....gguucgauCcccggcgccggagc..... 1
Gi5_8862734_x1.....guucgauucccggcgccAgag..... 1
Gi5_8925876_x1.....gguucgauucccggcgcGggagc..... 1
Gi3_28283115_x1.....aAauccggguucgauucc..... 1
Gi5_8897780_x1.....gguuAgauucccggcgcc..... 1
Gi1_4352544_x1.....cccaacagauccggguuc..... 0
Gi2_11075509_x1.....uucgaAuucccggcgccggag..... 1
Gi5_9098832_x1uucucacccaaUagauccggguuc..... 1
Gi5_8887625_x1.....caacagauccgggCucgauucccggcgccg..... 1
Gi2_11024313_x1.....gguucgauucccggcgccggagcguuA..... 1
Gi5_9069420_x1..ucacccUacagauccggguu..... 1
Gi3_28529026_x1.....guucgauGcccggcgccgga..... 1
Gi3_28688159_x1.....cAauucccggcgccggag..... 1
Gi3_28743439_x1.....acagauccggguucgauucccggcgccgAa..... 1
Gi5_9129758_x1.....gguucgauucccggcgcGg..... 1
Gi5_9122369_x1..ucacccaacagauccgCguu..... 1
Gi1_4225951_x1..ucacAcaacagauccgggu..... 1
Gi3_28447617_x1.....uucgauucccgAcgccgga..... 1
Gi2_11061560_x1.....gguucgauucccggcgccggagcAu..... 1

Gi5_9127215_x1.....gguucUauucccgcgccg..... 1
Gi2_11340649_x1uucucacccaacGgauccgg..... 1
Gi2_11088895_x1.....Nuucgauucccggcgcccggagc..... 1
G1a_6037754_x1.....gguucgauucccggcgcccAag..... 1
Gi3_28369938_x1.....gaucUggguucgauucc..... 1
Gi3_28939267_x1.ucucGcccaacagauccg..... 1
Gi2_11180185_x1.....Gccaacagauccggguuc..... 1
G1a_6325166_x1.....ggAucgauucccggcgcccggag..... 1
Gi1_4316550_x1.....gguucgauAcccggcgcccggagc..... 1
Gi1_4341708_x1.....gguucgauucccggcgcccggagcgG..... 1
Gi1_4193613_x1.....gguucgauucccggcgcccAagc..... 1
Gi3_28579118_x1.....ucgauuccAgcgcccggagc..... 1
Gi5_9124832_x1.....gguucgauucccggcgcccggagc..... 1
Gi1_4380634_x1uucNcaccacaacagauccgg..... 1
Gi3_28578239_x1.....caccacaacagauccAgggguuc..... 1
Gi3_28434038_x1.....cucacccaacagauccAg..... 1
Gi1_4172732_x1.....Ucagauccggguucgauucc..... 1
Gi2_11173314_x1.....gNuucgauucccggcgcccggagc..... 1
Gi4_586628_x1.....cucacccaacagGuccggguucg..... 1
Gi4_591325_x1.....guucgauucccggcgcccgg..... 1
Gi3_28418808_x1.....guucgauuccGggcgccc..... 1
G1a_6096632_x1.....Uuucgauucccggcgcccggag..... 1
Gi3_28527212_x1.....gguucCauucccggcgccc..... 1
Gi2_11273501_x1.....gguucgauucccgCcgcccggag..... 1
Gi1_4278672_x1.....caGcagauccggguucgauucccggc..... 1
Gi2_11358228_x1.....ucgauuccGggcgcccggagc..... 1
Gi1_4272720_x1.....gCuucgauucccggcgccc..... 1
G1a_5999775_x1Cucucacccaacagauccg..... 1
Gi1_4275075_x1.....cagauccgggCucgauucccggcgccc..... 1
Gi5_8883410_x1uucucacccaacagCuccgg..... 1
Gi3_28405878_x1.....cagauccggguucgauucccggcgccc..... 0
Gi2_11234487_x1.....ucgauucccggcgcccUagc..... 1
Gi1_4215423_x1.....ucacccaacagauccgCgu..... 1
Gi3_28618792_x1.....gguucgauuccAgcgccc..... 1
Gi5_9135834_x1.....guucgauuccGccggcgcccga..... 1
Gi5_9007389_x1.....guucgauucccggcgcccUagc..... 1
G1a_6333977_x1uCucacccaacagauccg..... 1
Gi3_28428151_x1.....guucgauucccgCcgcccga..... 1
Gi2_11106519_x1.....ucacccaacagauccggguuc..... 0
Gi3_28548837_x1.....cgggCucgauucccggcgcccga..... 1
Gi1_4231263_x1uuNucacccaacagauccg..... 1
Gi5_9026658_x1.....aGagauccggguucgauucccggcgccc..... 1
Gi5_8968028_x1.....gguucgauuccGggcgcccggagc..... 1
Gi2_11000175_x1.....gguucUauucccggcgcccggag..... 1
Gi1_4317254_x1.....gguuAgauucccggcgcccggagc..... 1
Gi3_28586589_x1.....uccggguucgauucccggcgcccggagc..... 0
G1a_6071562_x1.....Aguucgauucccggcgccc..... 1

Gi4_608663_x1gguucgauucccgcgccgA..... 1
Gi3_28897993_x1.....gaGccggguucgauucc..... 1
Gi1_4364403_x1..ucUcccaacagauccgggu..... 1
Gi3_28335349_x1.....acagauccNgguucgauucccgcgccgga..... 1
Gi3_28319896_x1..Gucaccaacagauccggguucgauucc..... 1
Gi2_11346832_x1.....agaucggguucgCuucc..... 1
Gi1a_6027245_x1.....gguuAgauucccgcgccg..... 1
Gi1_4324906_x1.....cagauccggguucgCuucccgcgcc..... 1
Gi3_28441267_x1.....uucgauuccAgcgccg..... 1
Gi3_28376579_x1.....guucgauuUccggcgccg..... 1
Gi5_9100593_x1uucucacccaaUagauccg..... 1
Gi1_4242195_x1.....gguucgauucccgcgccgU..... 1
Gi3_28912144_x1.....auccggguuAgauucccgcgccgga..... 1
Gi1_4347019_x1.....guucgauuAccggcgccg..... 1
Gi2_11271890_x1.....ucgauucccgcgccgAa..... 1
Gi5_9012390_x1.....gguucgauucccgcgccUggagcguu..... 1
Gi5_9100445_x1.ucucaccccCacagauccg..... 1
Gi3_28367049_x1.....caacagauccgAguucga..... 1
Gi3_28728177_x1.....agaucgggCucgauucc..... 1
Gi4_590903_x1.....gguucgaCucccgcgccg..... 1
Gi3_28528581_x1.....cAauucccgcgccggagc..... 1
Gi2_11119670_x1.....uCcgauucccgcgccggagc..... 1
Gi1_4160066_x1.....gguucgUuucccgcgccggag..... 1
Gi3_28284425_x1.....acagauccggguucgaCucccgcgccg..... 1
Gi3_28298784_x1uucucacccaacagauGcgg..... 1
Gi1_4228899_x1.....gguucgauuccGggcgccggag..... 1
Gi2_11043616_x1.....guucgUuucccgcgccgga..... 1
Gi3_28412858_x1.....cgauucccgcgccggagcU..... 1
Gi2_11311014_x1.....uucgauucccgcgccUgag..... 1
Gi3_28550482_x1..cucaUccaacagauccg..... 1
Gi2_11330095_x1.....gguGcgauucccgcgccgga..... 1
Gi3_28984872_x1.ucucUcccaacagauccg..... 1
Gi2_11288815_x1.....gguAcgauucccgcgcc..... 1
Gi1_4338121_x1.....auccggguucgGuucccgcgccg..... 1
Gi1a_6327152_x1.....gguucgauuccUggcgccgga..... 1
Gi2_11239010_x1.....guucgauuccCcgccgga..... 1
Gi3_28608323_x1.....gGuccggguucgauucccgcgccgga..... 1
Gi5_8840835_x1.....uccggguucgauucUcggc..... 1
Gi3_28584321_x1.....agaucggguucgauucccgcgccgGg..... 1
Gi2_11071155_x1..cucaccaacagauccCg..... 1
Gi2_11082774_x1.....guuGgauucccgcgccggag..... 1
Gi5_8896414_x1.ucucacccaacagauccAggu..... 1
Gi1_4224993_x1..cucaccaacagauccggguucg..... 0
Gi2_11301120_x1.....cgauuccNgcgccggagcguuuc..... 1
Gi3_28361274_x1.....agaucggguucgauucUc..... 1
Gi5_8833470_x1.....acUgauccggguucgauucccgcgcc..... 1
Gi5_8889832_x1.....guucgauuccCcgcgccggagc..... 1

Gi1a_6271337_x1.....Gcccaacagauccggguucgauuccc..... 1
Gi3_28559884_x1.....ccUaacagauccggguucgauuccc..... 1
Gi5_9011318_x1.....gguucgauucccgccgUagc..... 1
Gi2_11204160_x1.....gguucgauucccCgcgccg..... 1
Gi2_11261549_x1uucucaUccaacagauccg..... 1
Gi1_4339970_x1.....guucgauucccgccAgagc..... 1
Gi3_28627834_x1.....uNcgauucccgccggagc..... 1
Gi2_11357110_x1.....uucgGuucccgccg..... 1
Gi3_28712821_x1.....guucgauucccCgcgccg..... 1
Gi3_28652401_x1.....ucgauucccgccggagA..... 1
Gi3_28323073_x1.....cccaacagauccggCucgauuccc..... 1
Gi4_572180_x1.....gguucgauucccgccGcggagc..... 1
Gi5_8940077_x1.....uucgauucccgccggga..... 0
Gi1_4319907_x1.....guuNgauucccgccggga..... 1
Gi3_28281105_x1..cucaccaacagauccAgguucgauu..... 1
Gi3_28405141_x1.....aucggguCcgauuccggccggagc..... 1
Gi5_9104398_x1...cUcccaacagauccggguucga..... 1
Gi2_11138380_x1.....ucgauucccgccGggagc..... 1
Gi5_9112113_x1.....ccgggCucgauucccgccggga..... 1
Gi1_4240444_x1.....gguucgauucccgccGcggag..... 1
Gi1a_6278848_x1.....gguucgauucccgccCccggagc..... 1
Gi1_4368827_x1.....gguucgauucccgccCgagc..... 1
Gi3_28903629_x1.....uccggguucgaCuccggccggga..... 1
Gi2_11390696_x1.....agaucggguucAauucc..... 1
Gi3_28680340_x1.....Nuucgauuccggccg..... 1
Gi3_28514188_x1.ucGaccaacagauccg..... 1
Gi2_11256551_x1uucucaccaacagaAccg..... 1
Gi3_28332991_x1.....aucUggguucgauucccgccggagc..... 1
Gi5_9084990_x1.....gguucgauucccgccCagc..... 1
Gi5_9078320_x1uucucaccaacUgauccg..... 1
Gi2_11157678_x1.....gguucgauucccgUcggag..... 1
Gi2_11092858_x1.....guucgauucccgUccgga..... 1
Gi2_11271428_x1.....gguucgaGuuccggccg..... 1
Gi1a_6280602_x1.....gguucgGuuccggccggag..... 1
Gi2_11193724_x1.....gauuccAggcccggagc..... 1
Gi3_28381752_x1.....ucgauucccgAgccggag..... 1
Gi5_8998405_x1uucucaccaacagauccggCu..... 1
Gi2_11121073_x1.....gguucgauucccgAcgcc..... 1
Gi1_4368147_x1.uAucaccaacagauccg..... 1
Gi5_8935087_x1.....gguAcgauucccgccgg..... 1
Gi2_11144917_x1.....cgauuccggccgggaAcguu..... 1
Gi2_11403411_x1..cucaccaacUgauccg..... 1
Gi3_28940951_x1.....uccggguucgauuccAggcccggga..... 1
Gi2_11088551_x1.....cgauuccggccggagcU..... 1
Gi3_28563903_x1.....ggguucgauuccggccggg..... 1
Gi5_8958892_x1.....ucgGuuccggccggag..... 1
Gi1_4223970_x1.....guucgauucccgccGgga..... 1

Gi2_11135237_x1.....guucgauuccUggcgccg..... 1
Gi1_4236171_x1.....aAuccggguucgauucc..... 1
Gi2_11190614_x1uucucacccaacaAuccg..... 1
Gi3_28931829_x1.....caacagauccUggguucgauucc..... 1
Gi2_11146961_x1.....gguucgauucccgccggagcgC..... 1
Gi2_11037431_x1.....agauccggguucgCuucc..... 1
Gi3_28439530_x1.....uccggguucgauCcccgccgccgga..... 1
Gi3_28835913_x1.....uccggguucgauucccgccgccaAga..... 1
Gi3_28383338_x1.....cgUguucgauucccgccgccaAga..... 1
Gi5_9119908_x1.....uucgauucccgccgccaAga..... 1
Gi5_8909169_x1.....gauucccgccgccaAga..... 1
Gi2_11300518_x1.....GagauccggguucgauucccgccgccaAga..... 1
Gi3_28615613_x1.....UgauccggguucgauucccgccgccaAga..... 1
Gi3_28482553_x1...Ccaccacagauccggguuc..... 1
Gi4_588102_x1.....guucgauucccgccgccaAga..... 0
Gi2_11141503_x1uucucacccaacagauUcgg..... 1
Gi3_28659909_x1.....uucgauucNcgccgccaAga..... 1
Gi5_9083362_x1uucucacccaacagauUcgg..... 1
Gi1_4199628_x1.....guucgauucccgccgccaAga..... 1
Gi3_28662191_x1.....acagauccggguucgauucccgUcggccaAga..... 1
Gi2_11358279_x1.....guucgauucccgccgccaAga..... 1
Gi5_9017302_x1.....UcggguucgauucccgccgccaAga..... 1
Gi5_8857528_x1.....gguucgGuucccgccgccaAga..... 1
G1a_6355749_x1.....guucgauAcccgccgccaAga..... 1
Gi5_8839554_x1.ucucacccUacagauccg..... 1
Gi3_28955718_x1...caUccaacagauccggguuc..... 1
Gi2_11257600_x1uucucacccaacagUuccg..... 1
Gi3_28337109_x1.....guucgauGcccgccgccaAga..... 1
Gi2_11299356_x1.....agauccgAguucgauucc..... 1
Gi5_9022843_x1...ccaacagauccAgguuc..... 1
Gi5_9071985_x1.ucucacccaacagauGcgggu..... 1
Gi3_28819375_x1.....agauccgggCucgauucc..... 1
Gi2_11282194_x1.....uucgauucNcgccgccaAga..... 1
Gi1_4202460_x1.....uccAgguucgauucccgccgccaAga..... 1
G1a_6253918_x1.ucucacccaacCgauccg..... 1
G1a_6353152_x1.....gguucAauucccgccgccaAga..... 1
Gi5_8907632_x1...ucacccaCagauccgggu..... 1
Gi5_8937867_x1.....guucCauucccgccgccaAga..... 1
Gi2_11350215_x1.....gguucgauucccgUcggccaAga..... 1
Gi3_28383516_x1.....gguucgauuccCgccgccaAga..... 1
Gi5_9103469_x1.....aCauccggguucgauucc..... 1
Gi2_11362987_x1.....gguucgauuccCgccgccaAga..... 1
Gi2_11258334_x1...ccaacagauGcggguuc..... 1
Gi2_11144500_x1.....guucgauucccgccgccaAga..... 1
Gi5_8877325_x1.....guucgUuucccgccgccaAga..... 1
Gi1_4197287_x1.....auucccgccgccaAga..... 1
Gi5_9076870_x1.....uucgauucccgccgccaAga..... 1

Gi2_11289923_x1.....ucgNuucccggcgcccggagc..... 1
Gi2_11407350_x1.....ucgauucccCgcgcccggagc..... 1
Gi1_4325900_x1.....caacagGuccggguucgauucccggc..... 1
Gi5_8921422_x1.....accacaacagGuccggguucgauucc..... 1
Gi1_4169482_x1.....guucgauucccUgcgcccg..... 1
Gi5_9138450_x1.ucucacccaacagGuccgg..... 1
Gi4_593486_x1.....Cguucgauucccgccgcccg..... 1
Gi3_28737152_x1uucucacccaacagaucGgg..... 1
Gi5_9086160_x1.....uucgauucccgccgcccggagcAu..... 1
Gi1_4186633_x1..uGaccaacagauccgggu..... 1
Gi3_28573061_x1.....uccggguucgauucccggcAccgga..... 1
Gi3_28344517_x1...caccacaacUgauccggguuc..... 1
Gi1_4375213_x1.....guucgauucccgccgcccggagcg..... 0
Gi3_28329919_x1...cUcccaacagauccggguuc..... 1
G1a_6301306_x1.....gguucgauCcccggcgcccggagc..... 1
Gi2_11261799_x1.....gguucgauuAccggcgcccggag..... 1
Gi3_28781900_x1.....acagauccggguucgauucccgccgcccggG..... 1
Gi4_606396_x1.....guucgaGucccgccgcccgg..... 1
Gi2_11055791_x1.....gUucgauucccgccgcccggagcguuu..... 1
Gi5_8939812_x1uucucacccaacagaucGg..... 1
Gi3_28554081_x1.....ggguucgGuucccgccgcccg..... 1
Gi5_8970024_x1.....acagauccggguucgauucccgccgAgc..... 1
Gi5_9040313_x1.ucucacccaCagauccg..... 1
Gi2_11182677_x1.....Uggguucgauucccgccgcccggagc..... 1
G1a_6272640_x1.....guCcgauucccgccgcccggagc..... 1
Gi3_28516924_x1.....gauccggguucgauCccc..... 1
Gi4_595786_x1.....guucgCuucccgccgcccg..... 1
Gi5_8957526_x1.....aacagauccggAuucgauucccgccgcccggagc..... 1
Gi3_28833541_x1.....cgauGcccggcgcccggagc..... 1
Gi1_4346213_x1.....guucgaAuucccgccgcccg..... 1
Gi5_8934544_x1.....guucgauCcccggcgcccggag..... 1
Gi1_4358284_x1.....gguuAgauucccgccgcccg..... 1
Gi5_8876071_x1.....guucgaGucccgccgcccgga..... 1
Gi1_4193508_x1.....caacagauccggguucgauucUcggc..... 1
Gi3_28751554_x1.....Acgauucccgccgcccggagc..... 1
Gi3_28980890_x1.....agGuccggguucgauucc..... 1
Gi4_585429_x1.....Aguucgauucccgccgcccg..... 1
Gi4_573755_x1.....uucgauucccgccgcccg..... 0
Gi5_9131642_x1.....gguucgauucccgccgcccggaA..... 1
Gi3_28646600_x1.....uucgauAcccgccgcccgga..... 1
Gi5_9027678_x1...accacaacagauccggAuucgauucc..... 1
Gi2_11066010_x1.....uucgauucccgccgAcggagc..... 1
G1a_6084214_x1.....gguucgauucccgccgUcggag..... 1
Gi1_4247730_x1.....uucgCuucccgccgcccg..... 1
Gi3_28281122_x1.....uucgauucccgccgUgg..... 1
Gi3_28394896_x1.....uucgauucccUgcgcccgga..... 1
Gi5_8873427_x1..cucacccaacagauccUg..... 1

Gi3_28276348_x1.....ucgaCucccggcgccggag..... 1
Gi2_11228306_x1.....ucAauucccggcgccggag..... 1
Gi5_9129558_x1.....gguucgaGucccggcgccgga..... 1
G1a_6322399_x1.....gguucgGuucccggcgccg..... 1
G1a_6239732_x1.....gguucgauucccggcgccUgagc..... 1
Gi1_4349061_x1.....Gcagaucggguucgauucc..... 1
Gi3_28489770_x1.....uucgauuccAggcgccgga..... 1
Gi1_4259666_x1.....gguucgauucccggcUccgg..... 1
Gi3_28755984_x1..cucaccaacagauCagg..... 1
G1a_6286866_x1.....Cguucgauucccggcgccg..... 1
G1a_6015802_x1.....gguucgauucccggcgUcg..... 1
Gi2_11223709_x1.....ucgauUccggcgccggag..... 1
G1a_6115971_x1.....Auucgauucccggcgccgga..... 1
Gi4_569785_x1..cCcacccaacagauccggguucg..... 1
Gi1_4248954_x1..ucacccUacagauccgggu..... 1
Gi3_28647113_x1.....ggguucgauucccggcgUcgga..... 1
Gi3_28888618_x1.....ucgauucccggcAccggagc..... 1
Gi3_28467228_x1.....gguucgauucccgCcgccggag..... 1
G1a_6299274_x1.....gguucgauucccUgcgcccggag..... 1
Gi1_4323888_x1.....gGucgauucccggcgccggag..... 1
Gi1_4380293_x1..cucaccaacGgaucggguucgauucc..... 1
Gi3_28346100_x1.....aucggguucgauucccggcC..... 1
Gi3_28890051_x1.....guucgauucccUgcgcccggag..... 1
Gi3_28714050_x1.....cagaucggguucgaCucccggcgccgg..... 1
Gi3_28603845_x1.....uccggguucgauucccggc..... 0
Gi5_8970092_x1.....uucgauucccggcgUgg..... 1
G1a_6104029_x1.....gguucgauucccCcgcccggagc..... 1
Gi3_28795804_x1..cucGcccaacagauccgg..... 1
Gi1_4220382_x1.....guuAgauucccggcgcccggagc..... 1
Gi5_9070166_x1..ucuUacccaacagauccgg..... 1
Gi5_8888853_x1.....guucgauucccggcgGcggagc..... 1
Gi1_4328858_x1uGcucaccaacagauccggguucgau..... 1
Gi2_11368171_x1.....gguucgauAcccggcgcccggag..... 1
Gi1_4349058_x1.....guucgGuucccggcgccggag..... 1
Gi5_9073493_x1.....cagaucggguucgauucccggAgccg..... 1
Gi3_28789032_x1..ucucaccaUcagauccgg..... 1
Gi3_28534528_x1.....aUagauccggguucgau..... 1
Gi1_4308228_x1.....Agguucgauucccggcgccg..... 1
Gi5_8947288_x1.....gguucgaAucccggcgcccggagc..... 1
Gi5_9101401_x1..ucGcacccaacagauccgggu..... 1
Gi3_28728864_x1.....Agguucgauucccggcgcccgga..... 1
Gi5_9082625_x1.....uucgCuucccggcgccgg..... 1
Gi2_11405600_x1.....cggguucgauucccggcgcccggU..... 1
Gi3_28821354_x1.....cggguucgauucccggcgcccggagcA..... 1
Gi5_8871802_x1..cucaccaacagauCagg..... 1
Gi3_28963298_x1.....cgauucccggcgUcggagc..... 1
Gi1_4217533_x1.....gguCcgauucccggcgcc..... 1

Gi1_4224178_x1.....gguucgauucccCgcgccgg..... 1
Gi3_28552813_x1.....guuNgauucccgcccgagg..... 1
Gi2_11157373_x1.....agauccgggCucgauucc..... 1
Gi1_4280231_x1.....guucgauGcccggcgccg..... 1
Gi1_4378852_x1.....agauccggguucgauucUc..... 1
Gi5_9119065_x1.....acccaacagauccgggCucgauucc..... 1
Gi2_11398309_x1..cucaccaacagaCccgg..... 1
Gi1_4356775_x1.....guuAgauucccgcccg..... 1
Gi1_4179217_x1.....agauccggguCcgauucc..... 1
Gi3_28313780_x1.....cccaacagauccggguucgauucUc..... 1
Gi2_11007588_x1.....guucgaGucccgcccgagg..... 1
Gi5_9080958_x1.....gCuucgauucccgcccgaggcgu..... 1
Gi1_4205118_x1.....guucgauucccgUcgcgggagc..... 1
Gi2_11013948_x1.....guucgauGccggcgccgga..... 1
Gi2_11053413_x1.....ggCucgauucccgccgg..... 1
Gi5_8956571_x1.....ggguucgauuccUggcgccggagc..... 1
Gi2_11261593_x1.....cagauccggguucgauucccgccggagc..... 0
Gi3_28987072_x1.....aaUagauccggguucgauucc..... 1
Gi3_28489861_x1.....agauccggguuAgauucccgcccgagg..... 1
Gi5_8997540_x1..ucUccaacagauccgggu..... 1
Gi5_8952778_x1.....gguucgauucccgcccgccUgag..... 1
Gi1_4351216_x1.....gguAcgauucccgcccgaggc..... 1
G1a_6153473_x1.....gguucgauucAcggcgccgga..... 1
Gi2_11130143_x1.....cagauccggguucgauucccgccAgag..... 1
Gi3_28425353_x1.....caacagauccgggCucgauucc..... 1
Gi3_28920241_x1.....caacagauccggguucgGuucc..... 1
Gi1_4218050_x1.....gguucgauucccgcccgCag..... 1
Gi5_9003694_x1uucucacccGacagauccgg..... 1
Gi3_28900399_x1.....aucggguucgaGuccggcgccgga..... 1
Gi2_11384950_x1.....agaCccggguucgauucc..... 1
Gi3_28593556_x1.....aucAgguucgauucccgcccgga..... 1
Gi2_11059441_x1.....gguucgauucAcggcgccgg..... 1
G1a_6263421_x1uucucaUccaacagauccg..... 1
Gi3_28897627_x1.....cagauUggguucgauucc..... 1
Gi5_8925195_x1.ucucacccaacagauccgC..... 1
Gi3_28811273_x1.....gguucCauucccgcccgagg..... 1
Gi2_11089352_x1.....Cauuccggcgccggagc..... 1
Gi5_8843088_x1.....Agguucgauucccgcccg..... 1
Gi4_573574_x1 uucucacccaacagauccg..... 0
Gi2_11112269_x1.....agauGggguucgauucc..... 1
Gi3_28783069_x1.....ucgauuccgggUccggagc..... 1
Gi2_11381308_x1.....guucgauucccgccgU..... 1
Gi5_9116262_x1.uUucacccaacagauccgg..... 1
Gi3_28709885_x1.....guucgauGccggcgccggagc..... 1
Gi5_9128802_x1.....gguucgauucccgCcgccgga..... 1
Gi2_11127044_x1.....ucgauuccggcgccggagcA..... 1
Gi2_11218470_x1.....ggguucgauucccgcccgaggcGA..... 1

Gi1_4201107_x1.....guucgauucUcggcgccggagc..... 1
Gi3_28671000_x1.....gguucgauucccggcgccggagcgG..... 1
G1a_6305575_x1.....guucgauucccgCcgccgg..... 1
Gi2_11108052_x1uucucacccaacagauccgggCucg..... 1
Gi3_28868449_x1.....auccgggCucgauucccggcgccgga..... 1
Gi3_28269161_x1.....ccaacagauccggguucgCuucc..... 1
Gi3_28846649_x1.....cgauucccggcgccggagcgC..... 1
Gi1_4215116_x1.....gguucgauucccgGgccgga..... 1
Gi2_11160678_x1.....uccggguucgauucccggcgccggagc..... 0
G1a_6150146_x1uucucacccaacGgauccg..... 1
Gi1_4167359_x1.....gUguucgauucccggcgccgg..... 1
Gi5_9026887_x1.ucucacccaacagauccU..... 1
Gi5_8884316_x1.....cggguucgauucccgUgc..... 1
Gi3_28469741_x1.....Nguucgauucccggcgcc..... 1
Gi5_9063088_x1.....guucgauucccggcCccgga..... 1
Gi2_11396827_x1.....guucgauuccCgcgccggag..... 1
Gi5_9050029_x1.....gauccggguucgauucccgUgccgga..... 1
G1a_6274430_x1.....gguucgCuucccggcgccggagc..... 1
Gi5_9019155_x1.....uucgauucccggcgccgA..... 1
Gi2_11386236_x1.....agaNccggguucgauucc..... 1
Gi3_28941386_x1.cucacccaacagauccgggCucgau..... 1
Gi2_11269785_x1.....guucgauucccggcgccggag..... 1
G1a_6024655_x1.....guucgauucccggcgccggC..... 1
Gi1_4244347_x1.....Uauucccggcgccggagc..... 1
Gi3_28675635_x1.....caacagauccAgguucga..... 1
Gi2_11373735_x1.....Acgauucccggcgccggag..... 1
Gi4_572457_x1.....gguucgCuucccggcgccgg..... 1
Gi1_4366445_x1.ucucacccaaUagauccgg..... 1
G1a_6038980_x1.....gguucgauucccgUgccggagc..... 1
Gi4_579019_x1.....gGucgauucccggcgccggagc..... 1
Gi3_28418507_x1.....uucgauuGccggcgccggagc..... 1
Gi3_28323193_x1.....Cauccggguucgauucc..... 1
Gi2_11298164_x1.....uGgauucccggcgccgga..... 1
Gi1_4165188_x1.cucacccaacaAauccgg..... 1
Gi1_4336743_x1uucuAacccaacagauccgg..... 1
Gi2_11354537_x1.....ucgauuccAggcgccggagc..... 1
Gi5_9050163_x1uucuAacccaacagauccg..... 1
Gi2_11292688_x1uucucacccaacagauUcg..... 1
Gi3_28748580_x1.....cgauucccggcgccggagU..... 1
Gi3_28565650_x1.....caacagauccggguucgauCccc..... 1
Gi2_11039943_x1.....guucgauuccUgcgccg..... 1
Gi2_11099575_x1.....guucgauuccAggcgccg..... 1
Gi3_28547069_x1.....gauuccUgcgccggagc..... 1
Gi1_4221503_x1.....agauccggguucgauucccggcgccggagc..... 0
Gi3_28658183_x1.....cggguucgauucccggcgccggG..... 1
Gi1_4284495_x1.....ucgauucccggcgccggagU..... 1
Gi3_28344005_x1.....cccaacagauccUgguucgauucc..... 1

Gi3_28607845_x1.....cggNuucgauucccggcgcccga..... 1
Gi2_11024176_x1.....ggguucgauucccgUgcc..... 1
G1a_6047477_x1.....gCuucgauucccggcgcccggag..... 1
Gi3_28873117_x1.....cucGcccaacagauccggguucgauu..... 1
G1a_6186067_x1.....gguuAgauucccggcgcccggagc..... 1
G1a_6130492_x1.....guucUauucccggcgcccggagc..... 1
Gi3_28459091_x1.....uucgGuucccggcgcccga..... 1
Gi3_28374533_x1.ucucacccaacaCauccg..... 1
G11_4264100_x1.....aacagauccggguucgauuccAgcgcccg..... 1
Gi3_28771493_x1.....caGcagauccggguucgauucc..... 1
Gi3_28318453_x1.....gguNcgauucccggcgcccg..... 1
Gi3_28366159_x1.....gauccggguucgauucccggcgcccggagcC..... 1
Gi3_28644085_x1uucuUacccaacagauccggguu..... 1
G11_4211252_x1.....gUguucgauucccggcgcccga..... 1
Gi5_8902008_x1..ucacUcaacagauccggguu..... 1
G11_4390598_x1.....guucgauGcccgggcgcccg..... 1
Gi2_11000074_x1.....ucgaGuuccgggcgcccggag..... 1
Gi3_28941279_x1.....gguucgauucccggcgcccUag..... 1
G11_4338588_x1.....cagauccggguucgauucc..... 0
Gi5_8944459_x1uucucacccaacagauccgC..... 1
G11_4311669_x1.....gguucgauuccAgcgcccg..... 1
Gi3_28968230_x1..ucacccaacCgauccggguuc..... 1
G11_4186427_x1.....guucAauucccggcgcccggag..... 1
G11_4347531_x1.....uucgauucccggcgcccggagcU..... 1
Gi5_9106455_x1.....aucggguucgauucccggcgcccggagc..... 0
Gi5_8915832_x1.....cccaacagauccggguAc..... 1
Gi3_28632935_x1..ucaccUaacagauccggguuc..... 1
G1a_6130507_x1.....gguucgauucccggcAccg..... 1
Gi2_11209690_x1.....guucgauuccGggcgcccga..... 1
Gi5_8857495_x1.ucuNacccaacagauccg..... 1
Gi5_8942041_x1.....acagGuccggguucgauucccggcg..... 1
Gi5_9079622_x1.....cccaacagauccgggCuc..... 1
G11_4354408_x1.ucucacccaacagauccgA..... 1
Gi5_8915072_x1uucucacccaacagauUcg..... 1
Gi2_11122381_x1.....uucgauucccgUgccggag..... 1
G11_4203577_x1.ucucaccUaacagauccg..... 1
Gi2_10997619_x1.....ucgauucccggcgcccggagcU..... 1
G11_4264589_x1.....ucgauucccgUgccggagc..... 1
Gi2_11201441_x1.....guucgauucccggcgcccUag..... 1
Gi2_11299054_x1.....ucgauAccgggcgcccggagc..... 1
Gi5_9104674_x1.....guucgauucccgCcgcccga..... 1
Gi3_28398881_x1..ucacccaacagauccggguCc..... 1
Gi2_11218230_x1.....gguucgauucccgAgcccg..... 1
G11_4308261_x1.....gguucgauuccAgcgccc..... 1
G11_4241313_x1.....cCgauccggguucgauucccggcgccc..... 1
Gi2_11390964_x1.....aacagauccggguucgGuuccgggcgccc..... 1
Gi2_11366978_x1.....ucgauAccgggcgcccggagc..... 1

Gi2_11041101_x1.....gguucgauucAcggcgccgga..... 1
Gi4_582552_x1.....gguCcgauucccggcgcccgg..... 1
Gi3_28594514_x1.....ggguucgauucccggcgcccggG..... 1
Gi1_4280151_x1.....guucgUuucccggcgcccgga..... 1
Gi2_11271538_x1.....ucgauucAcggcgcccgga..... 1
Gi5_8961489_x1uucucacccaacGgauccgg..... 1
G1a_6047473_x1.....guucgauucccggcgcccGagc..... 1
Gi1_4225088_x1.....gguucgauucccgAgccg..... 1
Gi3_28381888_x1.....ucgauuccUgcgcccggagc..... 1
Gi1_4362114_x1.ucucaccccUacagauccgg..... 1
Gi5_9051131_x1uAcucacccaacagauccggguuc..... 1
Gi5_9053971_x1.....acagauccggguucgauucGcggcgc..... 1
Gi3_28851294_x1.....caccUaacagauccggguuc..... 1
Gi2_11077411_x1.cAcacccaacagauccgg..... 1
Gi5_9110145_x1.....gguucgauuccAggcgcccgga..... 1
Gi5_9067315_x1.....cccaacagauccgAguuc..... 1
Gi2_11279226_x1.....cgauuccAgcgcccggagcguuu..... 1
Gi3_28350522_x1.....agaucggguucUauucccggcgcccgg..... 1
Gi4_592725_x1.....guucgauucGcggcgcccggagc..... 1
G1a_6330116_x1.....guucgauucccggcgGcggagc..... 1
Gi2_11086499_x1.....cggguucgaGucccggcgcccgga..... 1
Gi1_4214623_x1.....cgauucccggcgcccggagcguuuc..... 0
Gi5_8859996_x1uucucacccaacagauccgggAu..... 1
Gi2_11231128_x1.....agaucggguucgauucccggcgcccggag..... 0
Gi3_28294130_x1.....guucgauucccggcgcccGag..... 1
Gi3_28865077_x1.....agaucgggAucgauucc..... 1
Gi1_4332510_x1.....gguucgaGucccggcgcccgga..... 1
Gi2_11273164_x1.....uucgauucccggcgcccG..... 1
Gi3_28767597_x1.....gauuccggcgUcggagc..... 1
Gi3_28310326_x1.....gauccggguCcgauucc..... 1
Gi2_11319089_x1.....gguucgauuccCgcgcccggag..... 1
Gi5_9011185_x1.....ucgauCcccggcgcccggagc..... 1
Gi3_28630962_x1.....Nuucgauuccggcgcccgg..... 1
Gi1_4277007_x1.....guucgauucccggcUccgg..... 1
Gi3_28339293_x1..ucaccccUacagauccggguuc..... 1
Gi5_8916156_x1.....guucgauuNccggcgcccggag..... 1
Gi5_9035518_x1.....ggguucgauucccggcgccc..... 0
Gi5_9001791_x1.....cUauucccggcgcccggagcguuucc..... 1
Gi1_4382342_x1.....agaucggguucgauCccc..... 1
Gi1_4175261_x1.....gguucgauucccggcgcccAag..... 1
Gi5_8913613_x1.....caccCaGcagauccggguucga..... 1
Gi5_8965383_x1.....gguucgauuccUgcgccc..... 1
Gi5_9051740_x1.....uucgauucccgUgcgg..... 1
G1a_6035510_x1.....guucgaCucccggcgcccggag..... 1
Gi1_4262903_x1.....guucgCuuccggcgcccggagc..... 1
Gi2_11060389_x1.....uucgauucccggcGcggagc..... 1
Gi2_11278047_x1.....ccCgguucgauucccggcgcccggagc..... 1

Gi2_11134506_x1.....cccaacagauccgggGuc..... 1
Gi1_4274785_x1.....caacagauccgAguucgauucccggc..... 1
Gi3_28829414_x1..cucacccaacagauccgA..... 1
Gi3_28420422_x1.....agauccggguucgauucccggcgccggaA..... 1
G1a_6289377_x1.....gguucgauucccggcgccggGg..... 1
Gi3_28277343_x1uucucUcccaacagauccgggu..... 1
Gi5_8935009_x1uucucacccaacagaCccggguuc..... 1
Gi1_4257203_x1.....Ugguucgauucccggcgccgga..... 1
Gi2_11038569_x1.....gguucgauucccggcgccgUa..... 1
Gi5_8932518_x1.....ggguucgauUccggcgccggagc..... 1
Gi1_4328204_x1.....gguucgauucccCgcgcc..... 1
Gi2_11357651_x1uucucaccUaacagauccg..... 1
Gi2_11031798_x1.....gguucgauucccggcgcG..... 1
Gi5_8956080_x1.....gguucgauucccggcCccgga..... 1
G1a_6296102_x1.....gguAcgauucccggcgccggagc..... 1
G1a_6280899_x1.....gguucgauucccggcgccggagcgaA..... 1
Gi5_8916686_x1.....uucgauucccggcgccAg..... 1
Gi1_4192941_x1.....Aaacagauccggguucgauucccggc..... 1
Gi2_11100270_x1.....cagaGccggguucgauucccggcgccggag..... 1
Gi3_28361222_x1.....Ugauccggguucgauucccggcgccggag..... 1
Gi2_11144303_x1.....guucCauucccggcgccggag..... 1
Gi5_8981188_x1.....guucgauUccggcgccggagc..... 1
Gi5_8834311_x1.....guucgauucccggcgccggagU..... 1
Gi1_4354265_x1.....guuucccgccuuccuucgucuu..... 0
Gi1_4162336_x1.....uccggguucgauucccggcgccgg..... 0
Gi2_11319370_x1.....ucgGuucccggcgccggag..... 1
Gi3_28706486_x1.ucucacccaacagauUgg..... 1
Gi3_28906139_x1.ucucacccaacagGuccgg..... 1
Gi3_28585848_x1.....Uuccggguucgauucccggcgccgga..... 1
Gi5_8974423_x1...caccacagauccgggAucga..... 1
G1a_6295680_x1.....uucgauucccggcgccggagcCu..... 1
Gi3_28530015_x1.....ccaacagauccggguucgauucccggcgccggagc..... 0
Gi1_4369953_x1.....gguucgauuccAgggcgccggagc..... 1
Gi3_28378752_x1.....gauccggguucgauuccA..... 1
Gi5_9106722_x1.....cgauucccggcgcUggagcguuuc..... 1
Gi5_8851989_x1uucucGcccaacagauccgg..... 1
Gi1_4201497_x1.....aacaUauccggguucgauucccggcgccgg..... 1
Gi2_11062455_x1.....guucgauucccggcgccggagcg..... 0
Gi1_4264312_x1.ucucaUccaacagauccg..... 1
Gi1_4237244_x1.....uucgauucccggcgccAg..... 1
G1a_6079268_x1.....gguucgauUaccggcgccggagc..... 1
Gi1_4228821_x1..cGcaccacagauccggguucgauucc..... 1
Gi3_28419469_x1.....uccggguucgauucccgAgccgga..... 1
Gi1_4297345_x1.....uucgauucccggcgccggGgc..... 1
Gi4_570127_x1.....guCcgauucccggcgccg..... 1
Gi5_9119606_x1..ucaccUaacagauccgggu..... 1
Gi2_11015154_x1.....accacagauccggguucgauucc..... 0

Gi5_8952807_x1.....uucgauCcccggcgccgg..... 1
G1a_6239905_x1.....gguucgauuccUggcgccggagc..... 1
Gi5_9038197_x1.....gguucUauucccgccgccc..... 1
Gi4_583134_x1.....guucgauuccUggcgccgg..... 1
Gi3_28845590_x1.....ggguuUgauucccgccgccc..... 1
Gi3_28985193_x1.....ggguucgauucccgccgcccgaCc..... 1
Gi5_8985532_x1uucucacccaacagauccU..... 1
Gi3_28876647_x1.....aAuccggguucgauucccgccgcccggag..... 1
Gi3_28282996_x1.....gguucgauucccgccUccgg..... 1
Gi2_11009191_x1.....cccaacagNuccggguuc..... 1
Gi4_572129_x1.....gguuAgauucccgccgcccggagc..... 1
Gi2_11161442_x1uucucacccaacagauccgC..... 1
Gi2_11097809_x1.....uucgauucAcggcgccgg..... 1
Gi5_9107706_x1.....guucgauuccGggcgccgga..... 1
Gi3_28552848_x1.....guucgauucccgccUccg..... 1
Gi1_4334700_x1uucucUcccaacagauccggguucgau..... 1
Gi2_11309983_x1.....Ugauucccgccgcccggagc..... 1
G1a_6098600_x1.....gguucgauucccgccAcc..... 1
Gi3_28876102_x1.....uccggguucgauucccgccUgcccga..... 1
Gi3_28572412_x1.....guucgauucGccggcgcccga..... 1
Gi3_28890204_x1.....ucAgggguucgauucccgccgcccga..... 1
Gi2_11388017_x1.....gNucgauucccgccgcccgg..... 1
Gi3_28955418_x1.....gauuAccggcgcccggagc..... 1
Gi2_11198248_x1uucucacccaAagauccg..... 1
Gi5_8895369_x1.....gauucccgccgAggagc..... 1
Gi1_4353672_x1.....agauAcggguucgauucc..... 1
Gi3_28676654_x1.....cGcaacagauccggguucgauucc..... 1
Gi2_11168535_x1.....uucgauucccgccgcccUga..... 1
Gi5_9124695_x1uucucaccUaacagauccgg..... 1
Gi1_4170449_x1.....ucgaCucccgccgcccggagc..... 1
Gi3_28630680_x1.....guucgauucccgccgcccUagc..... 1
Gi3_28582943_x1.....ggguucgauucccgccAgcccga..... 1
Gi1_4171366_x1.....gguucgauucccgccgcccAgga..... 1
Gi3_28987095_x1.....cccaacagauccggguucgaCucc..... 1
Gi5_9038510_x1.....gguucgaAuucccgccgcccgg..... 1
Gi5_8849804_x1.ucAcacccaacagauccgg..... 1
Gi3_28943001_x1.....auccggguucgauucccgccAccgga..... 1
Gi3_28702826_x1.....cgGuucccgccgcccggag..... 1
Gi2_11282668_x1.....uccgggAucgauucccgccgcccga..... 1
Gi1_4241720_x1.....gguucgauuccUcgccgcccggagc..... 1
Gi5_8880505_x1.....ucgauucccgccUgcccga..... 1
Gi5_9129461_x1.....gguucgauucccgCccgcccgg..... 1
Gi2_11268373_x1.....ucgauucccgccgcccgaAc..... 1
Gi2_11077775_x1uucucacccaGcagauccg..... 1
Gi5_9110281_x1uucNcacccaacagauccg..... 1
Gi3_28893665_x1.....cggguucgaCucccgccgcccga..... 1
Gi3_28293012_x1.....ucgauuccAggcccggag..... 1

Gi3_28963190_x1..cucaccaacGgaucggg..... 1
Gi3_28872991_x1.....guucgauuccgggcUccgga..... 1
Gi2_11394025_x1.....uucgauuccgggcgccgA..... 1
Gi3_28584662_x1.....gauuccAggcgccggagc..... 1
Gi5_9045459_x1.....Agguucgauuccgggcgccggagc..... 1
Gi5_9125235_x1.....guuuccgccCuccuucgucu..... 1
Gi2_11297972_x1.....ggNucgauuccgggcgccggag..... 1
G1a_6340938_x1.....gguCcgauuccgggcgccggagc..... 1
Gi1_4261801_x1.....guucgauuccgggAgccggagc..... 1
Gi2_11124518_x1.....gguucgauAcccgggcgccgga..... 1
Gi5_9001980_x1.....guucgauGcccgggcgccg..... 1
Gi1_4207197_x1.....gguucgauCcccgggcgccggag..... 1
Gi5_9037758_x1.ucNcaccacagauccg..... 1
G1a_6257853_x1.....gguucgauCcccgggcgccggag..... 1
Gi3_28686329_x1.....agCuccggguucgauucc..... 1
Gi5_9000256_x1.....cgauuccgggcgccggagcguu..... 0
Gi5_9082787_x1uucucacccUacagauccggguu..... 1
Gi2_11376939_x1.....ggNucgauuccgggcgccgga..... 1
Gi5_9020413_x1....acccaacagauccggguucgauucUc..... 1
Gi2_11114347_x1.....cCauuccgggcgccggagcguuu..... 1
Gi4_609235_x1.....Gcgauuccgggcgccggagc..... 1
G1a_6183164_x1.....Aguucgauuccgggcgcc..... 1
Gi4_575011_x1.....auuccgggcgccggagcC..... 1
Gi3_28459116_x1.....uucNauuccgggcgccgga..... 1
Gi3_28466710_x1.....Nguucgauuccgggcgccg..... 1
Gi2_11219074_x1....cccaacagGuccggguuc..... 1
Gi3_28845316_x1....acccaGcagauccggguucgauucc..... 1
Gi5_8985112_x1.....ucgauuccgggAgccggag..... 1
G1a_6358700_x1uucucaccaacaCauccg..... 1
Gi1_4214366_x1.....gguucgauuAccgggcgccggag..... 1
Gi1_4361419_x1uucucaccaacagauccUg..... 1
Gi3_28475828_x1.....cagauccggguucgCuucc..... 1
Gi3_28370921_x1.....ggguuAgauuccgggcgccggagc..... 1
Gi1_4308627_x1.....guucgauuccgggGgccg..... 1
Gi2_11331612_x1.....uucAauuccgggcgccgg..... 1
Gi1_4218610_x1.....uucgauuccAggcgccgg..... 1
Gi4_592962_x1.....gAuucgauuccgggcgccggagc..... 1
Gi1_4356054_x1..cucaccaacagauccggguucgauuccU..... 1
G1a_6031264_x1.....guucgauuccgggcgcAggagc..... 1
Gi1_4165399_x1.....Nuucgauuccgggcgccggagc..... 1
Gi3_28683435_x1.....acagauccggguucgauCcccgggcgccggagc..... 1
Gi3_28492538_x1uucucaccaacaCauccg..... 1
G1a_6262994_x1.....gguAcgauuccgggcgccggag..... 1
Gi5_8907434_x1.ucucaccaCagauccg..... 1
Gi3_28681081_x1.....caacagauccggguucgGuuccgggcgccg..... 1
Gi3_28546806_x1.....cgauucccgAcgccggagc..... 1
Gi3_28628149_x1.....gUucgauuccgggcgccggagc..... 1

Gi3_28438328_x1.....ucgauucAcggcgccggagc..... 1
Gi3_28883816_x1.....gguucgauucccgNgccggagc..... 1
Gi2_11050879_x1uucucacccaGcagauccggguucg..... 1
G1a_6346247_x1.....gguucgauucccgAcgccgg..... 1
Gi2_11311502_x1.....uccggguucgCuucccgcccgga..... 1
Gi2_11130540_x1.....ucgauucccgAcgccgga..... 1
Gi1_4171949_x1.....uucgauucccgAcgccgg..... 1
Gi3_28529579_x1.....uucgauuAccggcgccggagc..... 1
Gi1_4247162_x1.....gguucgauucccgAgccggag..... 1
Gi1_4274502_x1.....caacUgauccggguucgauuccggc..... 1
Gi3_28399980_x1.....guucgauuccCgcccggag..... 1
G1a_6321473_x1.....uucgauucccgAgccggagc..... 1
Gi3_28874542_x1.....gguucgauucAcggcgccgg..... 1
Gi5_9027416_x1uucGcaccacaacagauccg..... 1
Gi2_11014138_x1.....guucgauucccgUcggccggag..... 1
Gi1_4191986_x1.....aCccggguucgauucccgccggc..... 1
Gi3_28271680_x1.....gguucgauucccgGgcc..... 1
Gi5_8992512_x1.....gguucgauuccGggcgccgga..... 1
Gi3_28348367_x1.....gguucgaAuuccggcgcc..... 1
Gi2_11241331_x1.....auuccggcgccggagcC..... 1
Gi5_8877020_x1.....uucgauuccggcgccggagcgA..... 1
Gi5_9037534_x1uucucacccaacagaGccg..... 1
Gi1_4246456_x1.ucucacccaacaUauccg..... 1
Gi5_8936068_x1uucucaccccCacagauccgggu..... 1
Gi2_11077824_x1.....aUcagauccggguucgauuccggcgccg..... 1
Gi5_9045643_x1.....agaucggguucgUuucc..... 1
Gi3_28628330_x1.....uccggguucgauuccggcgccggG..... 1
Gi5_9068649_x1.....gguucgauucGcggcgccggagc..... 1
Gi2_10996523_x1.....gguucgauuccCgcccgg..... 1
Gi2_11314643_x1.....uucgauuccggcgccggUg..... 1
Gi3_28607525_x1.....ggguucgauuccggcgAcggagc..... 1
Gi1_4234736_x1.....gguucgauuccggcgccgCagc..... 1
Gi5_8857061_x1.....guucgauuccggcgccggCg..... 1
Gi5_8834483_x1.....gguucgauuccggGgccggag..... 1
Gi3_28488094_x1.....Gagauccggguucgauuccggcgccgg..... 1
Gi3_28778243_x1.....cccaacagauUggguucgauucc..... 1
Gi2_11365591_x1.....ucgauuccggcgccggGg..... 1
Gi2_11136551_x1.....guucgaAuuccggcgccggag..... 1
Gi5_8944125_x1.....ggguucgauuccggcgA..... 1
Gi1_4329162_x1.....Guccggguucgauuccggcgccgga..... 1
Gi3_28728018_x1.....ggguucgauucAcggcgccggagc..... 1
Gi4_582858_x1.....ggAucgauuccggcgccgg..... 1
Gi2_11161412_x1..cucacccaacagauccAg..... 1
Gi3_28480317_x1.....uucgauucccgAcgccgg..... 1
Gi5_8982493_x1.....gguucgauuccggcgGcg..... 1
Gi2_11180345_x1.....Uggguucgauuccggcgccggagc..... 1
Gi5_9067346_x1.....guucgauuccggcgGcgga..... 1

Gi2_11274941_x1.....guucgauucccgccCccgga..... 1
Gi2_11325663_x1.....uGcggguucgauucccgccgcca..... 1
Gi2_11321425_x1.....agauccggguucUauucc..... 1
Gi5_8865141_x1.....guuNgaucccgccgcccggagc..... 1
Gi2_11395991_x1.....ucgauucccgUgcccggag..... 1
Gi3_28587312_x1.....gauucccgccgcccggUgc..... 1
Gi2_11294708_x1..cCaccaacagauccgg..... 1
Gi3_28813952_x1.....ucgGuucccgccgcccggag..... 1
Gi3_28427369_x1..ucaccaacagUuccggguuc..... 1
Gi3_28803494_x1.....gauccggguucgauucAc..... 1
G1a_6138565_x1.....gguucgauucccgccgcccggagcU..... 1
Gi2_11133795_x1.....gauucAcggcgcccggagc..... 1
Gi5_8977588_x1uucucaccaacagauccC..... 1
Gi3_28331776_x1.....ucgauucccgccgGcggag..... 1
G1a_6256295_x1.....guucgauucUcggcgcccga..... 1
Gi1_4158953_x1.....gguucgGuucccgccgccc..... 1
Gi1_4292922_x1uucucaccccUacagauccg..... 1
Gi2_11222279_x1.....gauUccggcgcccggagc..... 1
Gi3_28827616_x1.....agauccggguAcgauucc..... 1
Gi3_28619795_x1.....cggguucgauGccggcgcccga..... 1
Gi5_8968586_x1.....gguucgauGcccggcgcccgg..... 1
Gi1_4241493_x1.....aucggguCcgauucccgccgcccgg..... 1
Gi4_591759_x1.....guucgauucccgccgcccC..... 1
Gi1_4181266_x1.ucucaccaacagauAg..... 1
Gi1_4323646_x1.....Nuucgauucccgccgcccga..... 1
Gi1_4198238_x1uucucaccaacagauccggU..... 1
Gi3_28596156_x1.....cgaNuuccggcgcccggagc..... 1
Gi3_28724358_x1...caccGacagauccggguuc..... 1
Gi3_28341037_x1.....guucgauucccgCcgcccggagc..... 1
G1a_6100600_x1.....gguucgauuccAcgcccgg..... 1
Gi3_28311070_x1.....ucgauucccgccgUggag..... 1
Gi1_4249212_x1.....gguucgaCucccgccgcccggag..... 1
Gi5_8946116_x1uucucaccaacagaCccg..... 1
G1a_6216070_x1.....Cguucgauucccgccgccc..... 1
Gi1_4190703_x1.....agauccggguucgauAcc..... 1
Gi3_28352573_x1.....Ggauucccgccgcccggag..... 1
G1a_6152621_x1.....Cguucgauucccgccgcccgg..... 1
Gi1_4217158_x1..cucaccaacagauccggguucAa..... 1
Gi2_11016230_x1.....uucgauucccgccgcccAg..... 1
Gi3_28297674_x1.....guNcgauucccgccgcccgg..... 1
Gi3_28505496_x1.....Uaacagauccggguucga..... 1
Gi3_28908752_x1..cucaccaCagauccgg..... 1
Gi1_4266472_x1.....ucgaGucccgccgcccggagc..... 1
Gi1_4321648_x1...caccacagauccggguucgCuuccc..... 1
Gi5_9110155_x1.....gguucgauucUcggcgcccggag..... 1
Gi3_28920230_x1..cGaccaacagauccggguucgauucc..... 1
Gi3_28715958_x1.....ggguCcgauucccgccgcccggag..... 1

Gi3_28951653_x1.....agauccAgguucgauucc..... 1
Gi2_11276863_x1..cucacccaaUagauccgg..... 1
Gi3_28449308_x1.....uucgaCucccggcgccgga..... 1
Gi4_612542_x1.....gauucccggcgccggagc..... 0
Gi2_11318275_x1uGcucacccaacagauccggguucg..... 1
Gi5_8947925_x1.....guucgauucccggcgccgAag..... 1
Gi2_11266359_x1.....cgauucccggcgccggagcCu..... 1
Gi5_8949105_x1.....gguucgauucccggcgccggCgcguuu..... 1
Gi3_28686905_x1.....uucgauucccggcAccgg..... 1
Gi3_28789606_x1.....gguucgauucccggcUcc..... 1
Gi3_28636057_x1.....gggCucgauucccggcgccg..... 1
Gi2_11212311_x1.....gguucgauuccGggcgccggag..... 1
Gi5_9007798_x1.ucGcacccaacagauccgg..... 1
G1a_6330986_x1.....guucgauuccCgcgccg..... 1
Gi2_11227077_x1.....guucgauucccggcGg..... 1
Gi1_4331175_x1.....gguucgauucccggcUga..... 1
Gi5_9011958_x1.....aacagauccggguucgauucccggcgccg..... 0
Gi2_11115133_x1.....gguuAgauucccggcgcc..... 1
Gi1_4237845_x1..cucacccaacagauccAgguucgauucc..... 1
G1a_6235090_x1.....gguucgauucccggcAccgg..... 1
Gi1_4316704_x1.....gguucgauucccggcgccUag..... 1
Gi1_4350415_x1.....uucgauucccggcgccAgagc..... 1
Gi2_11326604_x1.....Nguucgauucccggcgccg..... 1
Gi1_4359562_x1.....caCcagauccggguucgauucccggc..... 1
Gi5_8907661_x1.....Aguucgauucccggcgccggagcguu..... 1
Gi3_28322090_x1.....ggguucgauuccGggcgccgga..... 1
Gi3_28282524_x1..uUacccaacagauccggguuc..... 1
Gi3_28868060_x1.....cagaGccggguucgauucc..... 1
Gi2_11312496_x1.....ucgauAcccggcgccggag..... 1
Gi2_11360205_x1.....cgauucccggcUggagcguuu..... 1
G1a_6029100_x1.....gguucgauuccAgcgccg..... 1
Gi5_8899033_x1.....uccggguuNgauuccggc..... 1
Gi4_604495_x1.....gGuucccggcgccggagc..... 1
Gi5_8904963_x1.....cgauucccggcgccggagcg..... 0
Gi2_11351729_x1.....uccggguucgauucccggcUgga..... 1
Gi5_8938031_x1uucucGcccaacagauccggguu..... 1
Gi3_28665053_x1.....agauccggguucgauuAcc..... 1
Gi2_11365196_x1uucuGacccaacagauccg..... 1
Gi5_9116846_x1.....guuucccgccuuccuucgCcu..... 1
Gi2_11272735_x1.....cgguucgauCcccggcgccgga..... 1
Gi3_28519263_x1.....cagauccggguucgauucccggcAccgg..... 1
Gi3_28984545_x1..ucacccaacagauccgAguuc..... 1
Gi5_9005679_x1.....gguucgauucccggcgccggagcgAu..... 1
Gi2_11193403_x1.....cccaacagCuccggguuc..... 1
Gi3_28310905_x1.....ucgauuucCggcgccgga..... 1
Gi5_9000909_x1.....guucgauucccggcgccggaUc..... 1
Gi1_4365740_x1.....ucgUuucccggcgccggagc..... 1

Gi2_11037821_x1.....uucAauucccggcgccggag..... 1
G1a_6287206_x1uucucaccaacagauUg..... 1
Gi1_4174174_x1.....caacagUuccggguucgauucccggc..... 1
Gi5_8893376_x1.....gguuGgauucccggcgccggag..... 1
Gi4_576983_x1.....guucAauucccggcgccgg..... 1
G1a_6248764_x1uuUucaccaacagauccg..... 1
Gi3_28725190_x1.....guucgauGccggcgccg..... 1
Gi3_28633401_x1.....ggguucgauucccgGgccgga..... 1
Gi5_8837373_x1.....Nuucgauucccggcgccg..... 1
Gi3_28712356_x1.....guucgauuccGggcgccggag..... 1
Gi5_8884712_x1.....uucgauAccggcgccgg..... 1
Gi5_8906643_x1.....gaurccggguucgCuucccggcgccgga..... 1
Gi2_11016792_x1.....cagauccggguucgauucc..... 0
Gi3_28831761_x1.....Aauccggguucgauucccggcgccgga..... 1
Gi4_569538_x1.....guucUauucccggcgccgga..... 1
Gi5_8902456_x1uucucaUccaacagauccgggu..... 1
Gi3_28962457_x1.....Gccaacagauccggguucgauucc..... 1
Gi1_4234834_x1.....auccggguucgauucccggcUgga..... 1
Gi5_9050913_x1.ucucacUcaacagauccg..... 1
Gi2_11400291_x1.....uccgggCucgauucccggcgccgga..... 1
Gi3_28809496_x1.....cgauuccAgcgccggagc..... 1
Gi3_28324364_x1.....gguucgauucccggcGg..... 1
Gi5_8907107_x1.....gguuAgauucccggcgccgg..... 1
G1a_6159216_x1.....gguucgauuccAgcgccgga..... 1
Gi3_28845642_x1.....agaucAgguucgauucc..... 1
Gi2_11308489_x1.....cgUuucccggcgccgagcguuuc..... 1
G1a_6087353_x1.....gguucgauuccCgcgccgga..... 1
Gi3_28369503_x1.....auccggguucgauuccggcUccgga..... 1
Gi5_8959505_x1.....guucgauucccggcGgga..... 1
Gi1_4240077_x1.....cagauccgNguucgauucccggcgc..... 1
Gi1_4238223_x1.ucucaAccaacagauccg..... 1
Gi3_28525479_x1.....aGcagauccggguucgauucc..... 1
Gi5_9044427_x1.ucucacGcaacagauccgggu..... 1
Gi3_28759523_x1.....gAguucgauucccggcgccggagc..... 1
Gi5_8892905_x1.....agaucggguucgaCuccc..... 1
Gi2_11285736_x1.....cgauucccggcgccggCgcuuu..... 1
Gi3_28440888_x1.....cagauccggguucgauucccggcGcg..... 1
Gi3_28336947_x1.....guucgauucccggcgccgAag..... 1
Gi3_28910686_x1.....Aauccggguucgauucccggcgccggag..... 1
Gi3_28972842_x1.....gauuccCgcgccggagc..... 1
Gi1_4253110_x1.....guucAauucccggcgccggagc..... 1
Gi1_4199746_x1.ucucaccaacagauUcg..... 1
Gi5_8921644_x1.....guucgauucccggcUggag..... 1
Gi3_28652680_x1.....cgauuccgggcgccggCg..... 1
Gi2_11284605_x1.....cagauccgCuucgauuccgggcgccggag..... 1
Gi3_28538480_x1.....gguucgauucccggcGc..... 1
Gi1_4327807_x1...ucaNccaacagauccgggu..... 1

Gi1_4319846_x1.ucucaccaacagaCccg..... 1
Gi2_11295437_x1.....aacagauccggguAcgauuccggcgccg..... 1
Gi2_11134767_x1..cucaccaacagGuccgg..... 1
Gi2_11132369_x1.....gauucUcggcgccggagc..... 1
Gi3_28599906_x1.....aucggguNcgauuccggcg..... 1
Gi5_8953895_xluucucUcccaacagaucgg..... 1
Gi5_8911690_x1.....caacagauccggguucgauuccggcgccg..... 0
Gi2_11154360_x1.....Ggauuccggcgccggagcguuuc..... 1
Gi3_28709223_x1.....Acgauuccggcgccggag..... 1
Gi1_4329538_x1.....guucgauuccAgggcgccg..... 1
Gi1_4306787_x1..cucaccaGcagauccggguucga..... 1
Gi3_28440405_x1.....cgNuuccggcgccggagc..... 1
Gi2_11387804_x1.....gaCuccggcgccggagc..... 1
Gi5_9058656_xluucucaccaacGgauccggguu..... 1
Gi5_8957435_x1.....guucgauuccGggcgccg..... 1
Gi5_9001238_x1.....gguNcgauuccggcgccg..... 1
Gi3_28538696_x1.....gauccggguucgauAcc..... 1
Gi3_28914915_x1.....cggguucgauuccggcgAccgga..... 1
Gi2_11085676_xluucucaccaacagaucU..... 1
Gi5_8956102_x1.....cgauuccggcgccggagcA..... 1
Gi2_11361035_x1.....guucgauuGccggcgccg..... 1
Gi3_28582693_x1.....Uggguucgauuccggcgccggag..... 1
Gi3_28625718_x1.....ggguucgaCuccggcgccggag..... 1
Gi5_8940859_x1.....gaGuccggcgccggagc..... 1
Gi1_4388547_x1.....Gacagauccggguucgauuccggcgccg..... 1
Gi5_8916664_x1...caccaacagaucAgguucga..... 1
Gi5_9128815_x1.....guucgauuccggAgccggagc..... 1
Gi1_4354254_x1.....guucgCuuccggcgccg..... 1
Gi1_4267734_x1.....aucgAguucgauuccggcgccg..... 1
G1a_6212261_x1.....guucgauuccggcgAcg..... 1
Gi2_11053440_x1.....ucgauuccggcgUggagc..... 1
Gi5_8916660_xluucucacccCacagaucgg..... 1
Gi5_8942143_xluucAcaccaacagaucgg..... 1
Gi5_8886831_x1.....gguucgauuccUggcgccggagcguu..... 1
Gi5_8867507_x1.....acagauGggguucgauuccggcg..... 1
Gi3_28534135_xluucucaccaacagaucU..... 1
Gi1_4333951_x1.....gAucgauuccggcgccg..... 1
Gi3_28596304_x1.....uucgauuccggcgccggUgc..... 1
Gi3_28756476_x1.....gguucgauucccgCcgcc..... 1
Gi2_11330651_x1.....uccggguucgauuccggcgUcgga..... 1
Gi3_28353381_x1.....uccggguucgauuccggcgUccgga..... 1
Gi5_9120349_x1.....ucgauuAccggcgccggagc..... 1
Gi2_11238491_x1.....guucgauuccggcgccggaC..... 1
Gi3_28881903_x1.....Cccggguucgauuccggcgccg..... 1
Gi1_4191855_x1..Gucaccaacagaucggguucgauucc..... 1
Gi2_11168067_x1.....gNucgauuccggcgccggagc..... 1
Gi4_612650_x1.....guucgauuccggcgUcgga..... 1

Gi5_9019263_x1.....gguucgauucUcggcgccgga..... 1
G1a_6201526_x1.....gAuucgauucccggcgcccggag..... 1
Gi5_9056183_x1....acccaacagauccggguucgauCcc..... 1
Gi4_589084_x1.....gguucgauucccggcAccgg..... 1
Gi3_28837471_x1.....gauCcccggcgccggagc..... 1
G1a_6002738_x1.....gCuucgauucccggcgcccgg..... 1
Gi3_28987564_x1.....gguucgauGcccggcgcc..... 1
Gi3_28373286_x1.....aucgggGucgauucccggcgcccga..... 1
Gi3_28336392_x1.....cccaacCgauccggguucgauucc..... 1
Gi5_9068058_x1.....cgauucccCgcccggagcguuuc..... 1
Gi3_28576477_x1.....ucAauucccggcgcccggag..... 1
Gi1_4175368_x1.....gguucgauucccggcAccggag..... 1
Gi3_28580755_x1.ucucaccaacagauccA..... 1
Gi5_9047258_x1.....gguucgauucccgAcgcccggagcgu..... 1
Gi2_11386665_x1.....ucgauucccgGgcccga..... 1
G1a_6167788_x1.Ccucaccaacagauccg..... 1
Gi5_9097006_x1.....gguucgUuuccggcgcccga..... 1
Gi2_11314715_x1uuNucaccaacagauccg..... 1
Gi1_4324529_x1.....gguucAauucccggcgcccggagc..... 1
Gi3_28311531_x1.....Aagauccggguucgauucc..... 1
Gi5_9045519_x1.....aacagauccggGucgauucccggcgcccggagc..... 1
Gi5_8893444_x1.....ucgauucccggcgcccCagc..... 1
Gi2_11070776_x1.....ucgauucccggcgcccUgag..... 1
Gi1_4380338_x1.....guucgaGucccggcgcccggagc..... 1
Gi5_9103529_x1.....guucgauucGcggcgcccgg..... 1
Gi2_11210225_x1.....ucAauucccggcgcccggagc..... 1
Gi3_28962402_x1.....ucgauucccggcgcccCg..... 1
G1a_6252954_x1uucCcacccaacagauccg..... 1
Gi1_4365183_x1..cucaccaacagauccggguucgauU..... 1
Gi5_9095572_x1uucucaccaacagauccAgg..... 1
Gi1_4343697_x1..cucaccaacagauccggU..... 1
Gi3_28424338_x1.....gauccggguucgauucccgG..... 1
Gi1_4289002_x1..cucaccaacagauccGgg..... 1
Gi4_598994_x1.....gguucgauucccgGgcccgg..... 1
Gi3_28446037_x1.....cccaacagGuccggguucgauucc..... 1
Gi3_28678017_x1.....ggguucgauucccggcgcccAgagc..... 1
Gi5_8925769_x1.....guucgaAucccggcgcccggagcguu..... 1
Gi3_28584641_x1.....ggguucgauucccggcgccc..... 0
Gi1_4265161_x1.ucucacAcaacagauccg..... 1
Gi1_4212124_x1.....aacagauccggguucgCuucccggcgcccgg..... 1
Gi1_4315660_x1.....cUggguucgauucccggcgcccgg..... 1
Gi1_4274906_x1uucucaccccCacagauccg..... 1
Gi4_577047_x1.....gguucgauNcccggcgcc..... 1
Gi5_9102312_x1Cucucaccaacagauccgggu..... 1
Gi5_8890193_x1.....guucgauucccggcgcccggGg..... 1
Gi1_4323829_x1.....gguucgauGcccggcgcccga..... 1
Gi5_9048020_x1.....gguucgauucccgUcggcccggagc..... 1

Gi1_4335481_x1.....gguNcgauucccgcgccgg..... 1
Gi2_11293023_x1uucAcacccaacagauccggguucg..... 1
Gi2_11164250_x1.....gguucgauucccgcgccggaU..... 1
Gi3_28335134_x1.....caacagGuccggguucga..... 1
G1a_6020043_x1.....guucgauCcccggcgccggagc..... 1
Gi2_11301148_x1.....uucAauucccgcgccggagc..... 1
Gi1_4368857_x1.....ggNucgauucccgcgccgg..... 1
Gi3_28670617_x1.....cccaacagauccggguuc..... 0
Gi4_598497_x1.....gguucgauucccgAcgccgg..... 1
Gi1_4220275_x1.....guuGgauucccgcgccggagc..... 1
Gi3_28362273_x1..cucAGccaacagauccgg..... 1
Gi1_4206857_x1.....uucgauucccgGgcccgg..... 1
Gi5_9062397_x1.....ucgauucccgUgcccggag..... 1
Gi3_28663955_x1.....caUcagauccggguucgauucccgcgccgg..... 1
Gi5_8994404_x1.....Cuucgauucccgcgccggag..... 1
Gi1_4296745_x1.....gguucgauucccgcgccggaC..... 1
Gi3_28943427_x1.....caacagauUggguucgauucc..... 1
G1a_6049064_x1uucucacccaacagaCccgg..... 1
Gi5_8887075_x1.....gguucgUuucccgcgccgg..... 1
Gi2_11377995_x1.....guucgauuccGggcgccg..... 1
Gi1_4172795_x1.....guucgUuucccgcgccg..... 1
Gi2_11246227_x1.....gguNcgauucccgcgccg..... 1
Gi3_28438278_x1.....gauucccgcgccggagcU..... 1
Gi3_28756382_x1uucucacccaacUgauccg..... 1
Gi2_11051947_x1.....cccaacaUauccggguuc..... 1
Gi1_4390025_x1.ucucaccccCacagauccgg..... 1
Gi5_9096651_x1....acccaacagauccggguucgaCuccc..... 1
Gi4_568672_x1.....gUuucgauucccgcgccgga..... 1
Gi2_11311669_x1.....gauucccgcgccGggagc..... 1
Gi5_9059061_x1uucucaccccUacagauccg..... 1
Gi5_8884803_x1.....guucgauucccgcgccggagcAuuucc..... 1
Gi2_11362498_x1.....gguucgauucccUgcccgg..... 1
Gi1_4264243_x1.....uccggguucgauucccAgcgccgga..... 1
Gi1_4364784_x1.ucucacUcaacagauccg..... 1
Gi1_4388420_x1.....gguucgaAuucccgcgccgg..... 1
Gi3_28411947_x1.....cgguucgauucccgcgccgCa..... 1
Gi2_11012929_x1.....guAcgauucccgcgccg..... 1
Gi3_28524515_x1.....uccggguucUauucccgcgccgga..... 1
Gi1_4301381_x1.....guucgauucccgcgccggaCc..... 1
Gi5_8862066_x1.....uGgauucccgcgccgga..... 1
Gi1_4229021_x1.....ucgauucccgcgccggGgc..... 1
Gi1_4180272_x1.ucucCcccaacagauccg..... 1
Gi5_8892777_x1.ucucacccaacagauAg..... 1
Gi1_4361395_x1.....uucgauucccggcUccgg..... 1
G1a_6169655_x1.ucucacccaacagauAg..... 1
Gi2_11365551_x1.....gauuccUggcgccggagc..... 1
Gi2_11291518_x1..cucacccaacagauccgC..... 1

Gi3_12273191_x14392	gGgggaacacggggugccgaacu	1
Gi3_12316259_x14259	cgugggaacacggggugccgaacA	1
Gi2_2816430_x13238	aacacggggugccgaacu	0
Gi1_1545627_x13127	gugggaacacggggugccgaacu	0
Gi1_1571667_x12719	aacacggggugccgaacu	0
Gi3_12559239_x12622	cUugggaacacggggugccgaacu	1
Gi2_2906896_x12602	gugggaacacggggugcc	0
Gi2_2931772_x12203	gaacacggggugccgaacu	0
Gi3_12707463_x11795	gucgugggaacacggggugccgaacu	0
G1a_2764528_x11766	gugggaacacggggugccgaacu	0
Gi5_3567497_x11394	ggaacacggggugccgaacu	0
Gi5_3578891_x11040	ucgugggaacacggggugccgaacu	0
Gi1_1629613_x10992	gaacacggggugccgaacu	0
Gi5_3622560_x10645	gggaacacggggugccgaacu	0
Gi2_3022030_x10586	aggccccgccaguacugc	0
Gi3_13008745_x10559	gugggaacacggggugccgaa	0
Gi2_3131603_x9318	ggaacacggggugccgaac	0
Gi2_3204185_x8821	ucgugggaacacggggugccgaacu	0
Gi5_3754824_x8567	Uugggaacacggggugccgaacu	1
Gi3_13368980_x8549	gugggaacacggggugccg	0
Gi3_13385977_x8446	cgucgugggaacacggggugccgaacu	0
Gi3_13419752_x8420	Uugggaacacggggugccgaac	1
Gi1_1717006_x8199	cgugggaacacggggugccgaacu	0
Gi3_13598074_x7829	aucggagacgucgugggaacacggg	0
Gi3_13690359_x7531	aucggagacgucgugggaacacg	0
Gi2_3397579_x7478	cgugggaacacggggugccgaac	0
Gi1_1772599_x7300	ucgugggaacacggggugccgaacu	0
Gi1_1779899_x7252	ugggaacacggggugccgaacu	0
Gi2_3462884_x7005	gGgggaacacggggugccgaacu	1
Gi3_13952821_x6649	aucggagacgucgugggaacacgggu	0
Gi3_13966109_x6626	ugggaacacggggugccgaacA	1
Gi3_14044647_x6441	ggaacacggggugccgaacA	1
Gi3_14120580_x6174	acgucgugggaacacggggugccgaacu	0
Gi3_14163414_x6077	ucgugggaacacggggugccgaac	0
Gi2_3600679_x5869	gugggaacacggggugccgaacA	1
Gi3_14325748_x5585	ugggaacacggggugccgaa	0
Gi2_3662960_x5473	gucgugggaacacggggugccgaacu	0
Gi2_3711694_x5322	cUugggaacacggggugccgaacu	1
Gi2_3743210_x5193	gugggaacacggggugccg	0
Gi3_14503814_x5146	ugggaacacggggugccga	0
Gi3_14514096_x5110	Uggaacacggggugccgaacu	1
Gi5_4030023_x4816	gugggaacacggggugccgaac	0
Gi5_4039646_x4802	cgucgugggaacacggggugccgaacu	0
Gi1_1936852_x4772	gggaacacggggugccgaacu	0
Gi3_14710792_x4718	aggccccgccaguacugc	0
Gi1_1955690_x4631	ggaacacggggugccgaacu	0
Gi3_14826722_x4528	uUggaacacggggugccgaacu	1

Gi3_14898149_x4389	.....Ugaacacggggugccgaacu	1
Gi3_14919984_x4333	.....gucgugggaaacacggggugccgaac	0
Gi3_14950267_x4314	.....cgugggaaacacggggugcc	0
Gi3_14963195_x4302	.....gaacacggggugccgaac	0
Gi3_14997439_x4255	.....gggaacacggggugccgaacA	1
Gi2_3938664_x4179	.....gggaacacggggugccgaac	0
Gi3_15039619_x4164	.....caggccccgccaguacugcg	0
Gi2_3951163_x4151	.....gugggaacacggggugccga	0
Gi3_15097440_x4078	.....gaacacggggugccgaacA	1
Gi5_4169765_x3965	.....cUugggaacacggggugccgaacu	1
Gi3_15209990_x3947	.....cgugggaaacacggggugccga	0
Gi3_15276456_x3855	.....cgucgugggaaacacggggugcc	0
Gi3_15375097_x3741	.....Ugaacacggggugccgaac	1
Gi5_4272399_x3626	.....gucgugggaaacacggggugccgaacu	0
Gi3_15478073_x3592	.....gGgggaacacggggugccgaac	1
Gi3_15485251_x3582	.....aggccccgccaguacugcg	0
Gi2_4108274_x3511	.....cgucgugggaaacacggggugccgaacu	0
Gi5_4338890_x3373	.....gGgggaacacggggugccgaacu	1
Gi2_4182182_x3220	.....cgugggaaacacggggugcc	0
Gi3_15764003_x3192	.....gUgaacacggggugccgaacu	1
Gi2_4211031_x3168	.....aucggagacgucgugggaaacacgggg	0
Gi2_4214199_x3154	.....cgugggaaacacggggugccgaacA	1
Gl1a_3091306_x3090	.....ggaacacggggugccgaacu	0
Gi3_15861109_x3071	.....aucggagacgucgugggaaacacgg	0
Gi3_15921905_x3019	.....Ggugggaaacacggggugccgaacu	1
Gi2_4269696_x3008	.....ugggaacacggggugccgaac	0
Gi5_4412639_x2992	.....acgucgugggaaacacggggugccgaacu	0
Gi2_4296153_x2901	.....aucggagacgucgugggaaacacggggugc	0
Gl1a_3120858_x2850	.....cgugggaaacacggggugccgaacu	0
Gi3_16073861_x2847	.....caggccccgccaguacugc	0
Gi3_16082396_x2840	.....cgugggaaacacggggugc	0
Gi3_16096567_x2821	.....gUaacacggggugccgaacu	1
Gi2_4327464_x2792	.....Uugggaacacggggugccgaac	1
Gi3_16248655_x2719	.....Cugggaacacggggugccgaacu	1
Gi3_16289142_x2676	.....aucggagacgucgugggaaacacgggg	0
Gi5_4504505_x2664	.....Uaacacggggugccgaacu	1
Gl1a_3154096_x2645	.....ugggaacacggggugccgaacu	0
Gi2_4387474_x2636	.....aggccccgccaguacugc	0
Gi3_16341999_x2618	.....Uugggaacacggggugcc	1
Gi2_4431581_x2539	.....aucggagacgucgugggaaacac	0
Gi3_16429319_x2514	.....caggccccgccaguacugcg	0
Gi3_16461911_x2499	.....aacacggggugccgaacA	1
Gi3_16466907_x2486	.....cgugggaaacacggggugccgaa	0
Gi2_4459306_x2481	.....Ugaacacggggugccgaacu	1
Gi2_4466727_x2466	.....ucgugggaaacacggggugccgaac	0
Gi3_16499062_x2460	.....gggaacacggggugccgaa	0
Gi3_16518676_x2441	.....cgucgugggaaacacggggugccgaac	0

Gi3_16545467_x2428	. . . . . gUaacacggggugccgaac	1
Gi2_4491170_x2425	. . . . . guggaacacggggugccgaa	0
Gi3_16643558_x2347	. . . . . Uggaacacggggugccgaac	1
Gi3_16648252_x2346	. . . . . ugggaacacggggugccg	0
Gi5_4594294_x2341	. . . . . guggaacacggggugccgaacA	1
Gi3_16699239_x2288	. . . . . aggccccgccaguacugcga	0
Gi2_4566568_x2278	. . . . . caggccccgccaguacugcgauc	0
Gi3_16791254_x2203	. . . . . Ggggaacacggggugccgaacu	1
Gi2_4593584_x2197	. . . . . Uggaacacggggugccgaacu	1
Gi3_16871628_x2136	. . . . . gGacacggggugccgaacu	1
Gi3_16882279_x2126	. . . . . guggaacNcggggugccgaacu	1
Gi3_16903467_x2107	. . . . . Augggaacacggggugccgaacu	1
Gi5_4683050_x2103	. . . . . ugggaacacggggugccgaacA	1
Gi3_16928684_x2092	. . . . . acgucguggaacacggggugccgaac	0
Gi3_16934960_x2091	. . . . . cguggaacacggggugccg	0
Gi5_4687229_x2066	. . . . . gggaacacggggugccgaac	0
Gi1_2182073_x2038	. . . . . cgucguggaacacggggugccgaacu	0
Gi2_4694926_x2033	. . . . . cggagacgucguggaacacggggugcc	0
Gi5_4703592_x2029	. . . . . ugggaacacggggugccgaac	0
Gi2_4701009_x2017	. . . . . cccccgccaguacugcgauc	0
Gi3_17070356_x2005	. . . . . aucggagacgucguggaacacggggugcc	0
Gi3_17110031_x1960	. . . . . gacgucguggaacacggggugccgaacu	0
Gi5_4754590_x1912	. . . . . uUggaacacggggugccgaacu	1
Gi3_17183517_x1905	. . . . . cgugggaaNacggggugccgaacu	1
Gi3_17196833_x1895	. . . . . aucggagacgucguggaacac	0
Gi2_4747972_x1892	. . . . . acgucguggaacacggggugccgaacu	0
Gi2_4751755_x1891	. . . . . aucggagacgucguggaaca	0
Gi2_4761194_x1879	. . . . . aggccccgccaguacugcga	0
Gi3_17249501_x1869	. . . . . Uuggaacacggggugccga	1
Gi2_4774302_x1861	. . . . . aggccccgccaguacugcg	0
Gi2_4789143_x1843	. . . . . cguggaacacggggugc	0
Gi3_17407574_x1767	. . . . . cUuggaacacggggugccgaac	1
Gl1a_3336841_x1748	. . . . . gggaacacggggugccgaacu	0
Gi3_17442691_x1747	. . . . . ggaacacggggugccgaa	0
Gi2_4857106_x1746	. . . . . ggccccgccaguacugcgauc	0
Gi3_17461856_x1734	. . . . . gaucggagacgucguggaacacggg	0
Gi2_4893280_x1699	. . . . . Uaacacggggugccgaacu	1
Gi5_4851747_x1698	. . . . . cguggaacacggggugccgaacA	1
Gi2_4903457_x1688	. . . . . aucggagacgucguggaacacggggugcc	0
Gi3_17603980_x1650	. . . . . uUggaacacggggugccgaac	1
Gi3_17620445_x1641	. . . . . ggccccgccaguacugcgauc	0
Gi3_17670918_x1614	. . . . . gaucggagacgucguggaacacggggu	0
Gi1_2244512_x1612	. . . . . acgucguggaacacggggugccgaacu	0
Gi1_2246124_x1601	. . . . . Uuggaacacggggugccgaacu	1
Gi3_17687009_x1601	. . . . . cgucguggaacacggggugccg	0
Gi2_5013053_x1581	. . . . . gUaacacggggugccgaacu	1
Gi2_5014634_x1581	. . . . . cgucguggaacacggggugccg	0

Gi3_17792439_x1544	.....gCgGggaacacggggugccgaacu.....	1
Gi3_17804757_x1535	.....cgCgGggaacacggggugccgaacu.....	1
Gi3_17827658_x1521	.....gugggaacacggggGgccgaacu.....	1
Gi2_5088374_x1492	.....gggaacacggggugccgaacA.....	1
Gi3_17889244_x1487	.....gugggGacacggggugccgaacu.....	1
Gi3_17901117_x1481	.....gugggaacacggggGgccgaacu.....	1
Gi2_5101745_x1480	.....ugggaacacggggugccgaacA.....	1
Gi5_4964517_x1471	.....gggaacacggggugccgaacA.....	1
Gi2_5116506_x1469	.....Uugggaacacggggugcc.....	1
Gi3_17926170_x1466	.....aggccccgccaguacugcgau.....	0
Gi1a_3417093_x1462	.....Uugggaacacggggugccgaacu.....	1
Gi3_17949532_x1452	.....ccccgccaguacugcgau.....	0
Gi3_17950984_x1451	.....gugggaacacggggugccgaGcu.....	1
Gi5_4980585_x1450	.....cgugggaacacggggugccgaac.....	0
Gi3_17956783_x1448	.....gUgaacacggggugccgaac.....	1
Gi1_2278079_x1437	.....Uaacacggggugccgaacu.....	1
Gi2_5142644_x1430	.....ggagacgucgugggaacacggggugcc.....	0
Gi1_2286667_x1421	.....ucgCgGggaacacggggugccgaacu.....	1
Gi5_4999235_x1414	.....Ugaacacggggugccgaacu.....	1
Gi3_18041055_x1409	.....Uucgugggaacacggggugccgaacu.....	1
Gi3_18050907_x1405	.....cgucaggccccgccaguacugc.....	0
Gi2_5172447_x1403	.....ugggaacacggggugccga.....	0
Gi1_2297923_x1382	.....gucgugggaacacggggugccgaacu.....	0
Gi3_18106627_x1380	.....guUggaacacggggugccgaacu.....	1
Gi2_5197508_x1379	.....aucggagacgucgugggaacacggg.....	0
Gi2_5205765_x1375	.....caggccccgccaguacugcg.....	0
Gi5_5014528_x1369	.....Uggaacacggggugccgaacu.....	1
Gi5_5019990_x1359	.....ggaacacggggugccgaac.....	0
Gi3_18165432_x1357	.....ucgugggaacacggggugccgaacA.....	1
Gi2_5224850_x1355	.....uUggaacacggggugccgaacu.....	1
Gi2_5241045_x1346	.....gaucggagacgucgugggaacacgggg.....	0
Gi3_18220661_x1338	.....caggccccgccaguacugcga.....	0
Gi3_18241935_x1325	.....agacgucgugggaacacggggugccgaacu.....	0
Gi2_5287405_x1300	.....acgucgugggaacacggggugcc.....	0
Gi2_5290004_x1297	.....cgugggaacacggggugccga.....	0
Gi3_18311187_x1293	.....gugggaGcacggggugccgaacu.....	1
Gi3_18316358_x1292	.....gugggaacGcggggugccgaacu.....	1
Gi3_18321520_x1289	.....caggccccgccaguacugcgau.....	0
Gi2_5310584_x1271	.....gucgugggaacacggggugccgaac.....	0
Gi5_5074131_x1271	.....agacgucgugggaacacggggugccgaacu.....	0
Gi3_18362356_x1267	.....cgucgugggaacacggggugccgaacA.....	1
Gi3_18375009_x1263	.....cgucaggccccgccaguacugcg.....	0
Gi2_5323214_x1257	.....caggccccgccaguacugc.....	0
Gi2_5344499_x1246	.....aucggagacgucgugggaacacggggug.....	0
Gi2_5356932_x1241	.....gUgaacacggggugccgaacu.....	1
Gi3_18423837_x1240	.....cgGggaacacggggugccgaacu.....	1
Gi2_5368059_x1231	.....agacgucgugggaacacggggugcc.....	0

Gi2_5372973_x1220.....	cgucgugggaacacggggugcc.....	0
Gi3_18490145_x1214.....	Uugggaacacggggugccgaa.....	1
Gi2_5386346_x1212.....	gucaggccccgccaguacugc.....	0
Gi2_5414040_x1195.....	aucggagacgucgugggaacacg.....	0
Gi2_5422389_x1190.....	cgucaggccccgccaguacugc.....	0
Gi2_5433050_x1179.....	gccccgccaguacugcgau.....	0
Gi3_18574980_x1178.....	Aaacacggggugccgaacu.....	1
Gi2_5438941_x1177.....	Ggugggaacacggggugccgaacu.....	1
Gi3_18586732_x1173.....	cgucgugggaacacggggugccga.....	0
Gi3_18585559_x1173.....	gaUcacggggugccgaacu.....	1
Gi2_5451849_x1165.....	Ugaacacggggugccgaac.....	1
Gi3_18622676_x1152.....	gGgggaacacggggugcc.....	1
Gi3_18660449_x1138.....	aUgccccgccaguacugcgau.....	1
Gi2_5505511_x1125.....	cgugggaacacggggugccgaa.....	0
Gi2_5507759_x1120.....	gGgggaacacggggugccgaac.....	1
Gi3_18723411_x1108.....	gacgucgugggaacacggggugccgaac.....	0
Gi3_18741079_x1101.....	gccccgccaguacugcgau.....	0
Gi3_18748770_x1097.....	ucaggccccgccaguacugcgau.....	0
Gi3_18752058_x1095.....	ucaggccccgccaguacugcg.....	0
Gi5_5172874_x1092.....	caggccccgccaguacugcg.....	0
Gi5_5171782_x1092.....	gugggaacacggggugccga.....	0
Gi3_18769520_x1087.....	cggagacgucgugggaacacggggugcc.....	0
Gi1_2378013_x1083.....	Cgggaacacggggugccgaacu.....	1
Gi3_18785802_x1083.....	gugggaacacggggugccgCacu.....	1
Gi3_18803090_x1078.....	gaacacggNgugccgaacu.....	1
Gi5_5189063_x1063.....	ggaacacggggugccgaacA.....	1
Gi3_18852239_x1056.....	cgugggaacacggggugccgCacu.....	1
Gi2_5590002_x1051.....	gugggaacacggggGgccgaacu.....	1
Gi3_18873269_x1048.....	gaucggagacgucgugggaacacg.....	0
Gi2_5593147_x1046.....	gugggaacNcggggugccgaacu.....	1
Gi3_18879550_x1045.....	gaacacggggGgccgaacu.....	1
Gi2_5602530_x1038.....	gacgucgugggaacacggggugccgaacu.....	0
Gi3_18895181_x1038.....	Uugggaacacggggugccg.....	1
Gi1_2388645_x1037.....	gugggaacacggggugccgaacA.....	1
Gi3_18930286_x1026.....	cgugggaacacggggugccgaGcu.....	1
Gi3_18936438_x1024.....	aGcacggggugccgaacu.....	1
Gi2_5640495_x1012.....	ggaacacggggugccgaacA.....	1
Gi3_18965997_x1011.....	Ugugggaacacggggugccgaacu.....	1
Gi2_5641507_x1011.....	ugggaacacggggugccg.....	0
Gi1_2404967_x998.....	cgCgggaacacggggugccgaacu.....	1
Gi2_5703062_x974.....	ucaggccccgccaguacugcgau.....	0
Gi2_5716655_x966.....	gucgugggaacacggggugcc.....	0
Gi3_19114736_x963.....	ccccgccaguacugcgau.....	0
Gi1_2421588_x960.....	gCgggaacacggggugccgaacu.....	1
Gi2_5724354_x959.....	gaucggagacgucgugggaacacggg.....	0
Gi5_5266060_x950.....	gugggaacacggggugcc.....	0
Gi1_2426354_x947.....	ggaacacggggugccgaac.....	0

Gi3_19175586_x938.....	cccgccaguacugcgauccgagacguc.....	0
Gi3_19185895_x936.....	.....uggaacacggggugccgCacu.....	1
Gi2_5758373_x932.....	.....Augggaacacggggugccgaacu.....	1
Gi3_19195239_x932.....	.....gugggaacCcggggugccgaacu.....	1
Gi4_255519_x927.....	.....gugggaacacggggugccgaacu.....	0
Gi3_19228620_x922.....	.....gGgggaacacggggugccga.....	1
Gi2_5772246_x920.....	.....aacacggggugccgaacA.....	1
Gi3_19238742_x919.....	.....cgucgugggaacacggggugc.....	0
Gi1_2435607_x912.....	.....ucgugggaacacggggugccgaac.....	0
Gi1_2437431_x908.....	.....ucgugggaacacggggugcc.....	0
Gi1_2438339_x907.....	.....cUugggaacacggggugccgaacu.....	1
Gi3_19283423_x905.....	.....guggUaacacggggugccgaacu.....	1
Gi3_19314932_x896.....	.....gaucggagacgucguggaacac.....	0
Gi5_5305716_x892.....	.....gUaacacggggugccgaacu.....	1
Gi3_19336339_x887.....	.....aucggagacgucguggaacacggggugc.....	0
Gi3_19337226_x887.....	.....cgugggaGcacggggugccgaacu.....	1
Gi5_5313715_x884.....	.....Ggggaacacggggugccgaacu.....	1
Gi3_19346078_x883.....	.....Gacacggggugccgaacu.....	1
Gi3_19353136_x882.....	.....gucgugggaacacggggugcc.....	0
Gi5_5328573_x862.....	.....Ggugggaacacggggugccgaacu.....	1
Gi3_19436709_x861.....	.....acgucgugggaacacggggugcc.....	0
Gi2_5879427_x852.....	cccgccaguacugcgauccg.....	0
Gi3_19477784_x849.....	.....gugggaacacAgggugccgaacu.....	1
Gi1_2463627_x846.....	.....aacacggggugccgaacA.....	1
Gi2_5894717_x846.....	.....gaucggagacgucguggaacac.....	0
Gi3_19487110_x846.....	.....ggagacgucgugggaacacggggugcc.....	0
Gi2_5893025_x846.....	.....aUgccccgccaguacugcgauc.....	1
Gi2_5898094_x843.....	.....aucggGgacgucguggaacac.....	1
Gi3_19501449_x840.....	.....cgAgggaacacggggugccgaacu.....	1
Gi3_19505645_x838.....	.....cgugggGacacggggugccgaacu.....	1
Gi5_5346371_x836.....	.....gacgucgugggaacacggggugccgaacu.....	0
Gi3_19551295_x824.....	.....cgugggaacacggggCgccgaacu.....	1
Gl1a_3705092_x821.....	.....gugggaacacggggugcc.....	0
Gi2_5959289_x811.....	ucaggccccgccaguacugc.....	0
Gi3_19597896_x808.....	.....cggagacgucgugggaacacggggg.....	0
Gi2_5972240_x807.....	.....cgucgugggaacacggggugccga.....	0
Gi3_19635652_x799.....	.....gAgggaacacggggugccgaacu.....	1
Gi3_19638048_x798.....	.....gugggaacacggggugccgaCcu.....	1
Gi3_19666621_x789.....	.....gccaguacugcgauccgagacguc.....	0
Gi2_6000086_x787.....	.....aucggGgacgucguggaacacggggugc.....	1
Gi2_6000873_x786.....	.....cgugggaaNacggggugccgaacu.....	1
Gi3_19702742_x782.....	.....agacgucgugggaacacggggugccgaac.....	0
Gi2_6009494_x781.....	.....gCgggaacacggggugccgaacu.....	1
Gi5_5388210_x779.....	.....gaacacggggugccgaac.....	0
Gi3_19712107_x778.....	.....ugggaacacNggggugccgaacu.....	1
Gi2_6025044_x773.....	.....agacgucgugggaacacggggugccgaacu.....	0
Gi3_19752275_x768.....	.....cgugggaacacggggugccgaCcu.....	1

Gi3_19762243_x765	cgccaguacugcgauccgagacguc	0
Gi2_6041171_x764	gacgucgugggaaacacggggugcc	0
Gi5_5408852_x752	gUgaacacggggugccgaacu	1
Gi2_6059364_x751	gUaacacggggugccgaac	1
Gi3_19831848_x748	cguggaacGcggggugccgaacu	1
Gi3_19863131_x742	Ggggaacacggggugccgaac	1
Gi5_5423735_x735	Augggaacacggggugccgaacu	1
Gi2_6106547_x727	aucggGgacgucgugggaaacac	1
Gi3_19928311_x724	aggccccgccaguacugcgauccgga	0
Gi1_2524539_x721	gggaacacggggugccgaacA	1
Gi3_19944198_x720	guAggaacacggggugccgaacu	1
Gi5_5436081_x717	aucggagacgucgugggaaacacg	0
Gi2_6138250_x715	acgucgugggaaacacggggugc	0
Gi2_6136105_x715	caggccccgccaguacugcgau	0
Gi3_19977837_x712	gaucggagacgucgugggaaacacgggg	0
Gi2_6149646_x710	cguggaaacacggggugccg	0
Gi2_6156741_x709	gugggaacacggggGgccgaacu	1
Gi2_6156032_x709	Uugggaacacggggugccg	1
Gi5_5452426_x705	ugggaacacggggugccgaa	0
Gi5_5458036_x697	gugggaacacggggugccgaa	0
Gi1_2530929_x697	gugggaacacggggugccgaac	0
Gi3_20027165_x696	gggaacacggggugccga	0
Gi5_5459430_x696	ucgugggaacacggggugccgaac	0
Gi1_2534401_x692	gugggaacacggggugcc	0
Gi3_20049348_x690	gagaagcgccgucaggccccgc	0
Gi2_6200666_x687	ggagacgucgugggaaacacggggugc	0
Gi2_6202725_x686	Cugggaacacggggugccgaacu	1
Gi3_20061734_x686	ucgugggaacacggggugc	0
Gi3_20075429_x683	Caacacggggugccgaacu	1
Gi2_6219121_x680	gugggGacacggggugccgaacu	1
Gi3_20087693_x680	cgugUgaacacggggugccgaacu	1
Gi1a_3822562_x678	gaacacggggugccgaacu	0
Gi3_20100593_x678	gaacacggggugccgaCcu	1
Gi3_20103302_x677	cgugggaacaUggggugccgaacu	1
Gi2_6230650_x676	cgucgugggaaacacggggugc	0
Gi2_6242770_x671	aggccccgccaguacugcgauccgga	0
Gi2_6249470_x669	gucaggccccgccaguacugcg	0
Gi3_20138255_x668	ggagacgucgugggaaacacgggggu	0
Gi2_6261466_x664	guUggaacacggggugccgaacu	1
Gi2_6259474_x664	gaacacggggugccgaacA	1
Gi1_2549977_x662	gGgggaacacggggugccgaacu	1
Gi2_6272692_x658	gugggaacGcggggugccgaacu	1
Gi2_6277948_x656	gugggaacacggggugccgaGcu	1
Gi5_5501608_x654	Uugggaacacggggugccgaac	1
Gi2_6287759_x653	Uucgugggaacacggggugccgaacu	1
Gi5_5502916_x653	aggccccgccaguacugcgaucc	0
Gi3_20229392_x653	gccgucaggccccgccaguacugcg	0

Gi3_20231351_x652	.....gaacacggggugccgaGcu	1
Gi3_20245021_x650	.....gccccgccaguacugcgau	0
Gi3_20269645_x645	.....gucaggccccgccaguacugcg	0
Gi2_6306563_x644	.....cUugggaacacggggugccgaac	1
Gi3_20285750_x643	.....gaacGcggggugccgaacu	1
Gi3_20303064_x640	.....uacugcgaucggagacguc	0
Gi2_6335368_x636	.....gaucggagacgucgugggaacacggggugc	0
Gi3_20327280_x634	.....gucaggccccgccaguacugc	0
Gi2_6340450_x634	.....acgucgugggaacacggggugccgaac	0
Gi3_20335512_x633	.....Gcgugggaacacggggugccgaacu	1
Gi3_20333613_x633	.....aUcacggggugccgaacu	1
Gi5_5530522_x632	.....cgugggaaNacggggugccgaacu	1
Gi3_20338041_x632	.....ucaggccccgccaguacugc	0
Gi2_6352455_x629	.....gGgggaacacggggugcc	1
Gi2_6356223_x627	.....cgggagacgucgugggaacacggggugc	0
Gi3_20373844_x624	.....gaagagaagcgccgucaggcccc	0
Gl1a_3874721_x623	.....cgucaggccccgccaguacugcg	0
Gi2_6372478_x622	.....Ggggaacacggggugccgaacu	1
Gi1_2574227_x619	.....gacgucgugggaacacggggugccgaacu	0
Gi1_2575463_x616	.....UGaacacggggugccgaacu	1
Gi3_20425189_x613	.....aucggagacgucguggga	0
Gi3_20433767_x612	.....acgucgugggaacacggggugccgaacA	1
Gl1a_3889537_x611	.....gGgggaacacggggugccgaacu	1
Gi2_6414228_x607	.....aggccccgccaguacugcgau	0
Gi3_20455698_x606	.....cCugggaacacggggugccgaacu	1
Gi1_2583389_x604	.....uUggaacacggggugccgaacu	1
Gi2_6418466_x604	.....gaucggagacgucguggga	0
Gi2_6427498_x600	.....ucgugggaacacggggugccgaacA	1
Gi3_20496077_x598	.....gugggaacacggggugccAaacu	1
Gi3_20524036_x591	.....cAugggaacacggggugccgaacu	1
Gi2_6449532_x591	.....gugggaGcacggggugccgaacu	1
Gi3_20535824_x588	.....uAggaacacggggugccgaacu	1
Gi3_20534060_x588	.....cUucgugggaacacggggugccgaacu	1
Gi1_2589356_x587	.....Uggaacacggggugccgaacu	1
Gi3_20555743_x584	.....gugggaacacggggugcUgaacu	1
Gi3_20552239_x584	.....gaagagaagcgccgucaggcccc	0
Gi2_6477610_x580	.....gaacacggggugccgaac	0
Gi3_20572614_x580	.....cgugggaacacAgggugccgaacu	1
Gi2_6501196_x571	.....cgCgggaacacggggugccgaacu	1
Gi3_20621399_x570	.....gGgggaacacggggugccgaa	1
Gi2_6509178_x568	.....cgGgggaacacggggugccgaacu	1
Gi3_20641814_x565	.....Cugggaacacggggugccgaac	1
Gl1a_3939434_x563	.....aacacggggugccgaacu	0
Gi3_20653089_x562	.....ucgugggaacacggggugccg	0
Gi2_6525556_x561	.....gugggaacacggggugccgCacu	1
Gi3_20660950_x561	.....gaGcacggggugccgaacu	1
Gi1_2607734_x560	.....ugggaacacggggugccgaac	0

Gi2_6532839_x559	.....Uggaacacggggugccgaac.....	1
Gi3_20686091_x556	.....Uaacacggggugccgaac.....	1
Gi3_20690539_x556	.....ucggagacgucgugggaaacacggggugcc.....	0
G1a_3950603_x553	.....aucggagacgucgugggaaacacggg.....	0
Gi5_5626687_x549	.....gggaacacggggugccgaa.....	0
Gi3_20726447_x549	.....aacacgggNugccgaacu.....	1
Gi3_20755962_x544	.....gugggaaacNcggggugccgaac.....	1
Gi5_5641931_x539	.....cgugggaaacacggggugccga.....	0
Gi3_20781433_x539	.....cccgccaguacugcgauccgagacgu.....	0
Gi2_6592497_x537	.....gucgugggaaacacggggugc.....	0
Gi2_6591423_x537	.....Uugggaaacacggggugccga.....	1
G1a_3965849_x535	.....caguacugcgauccgagacguc.....	0
Gi2_6597318_x535	.....ccccgccaguacugcgauccg.....	0
Gi2_6604800_x533	.....ugggaaacacggggugccgaa.....	0
Gi2_6605333_x533	.....gaucggagacgucgugggaaacacg.....	0
Gi3_20840175_x528	.....gucaggccccgccaguacug.....	0
Gi3_20854929_x526	.....cgucaggccccgccaguacug.....	0
Gi2_6634895_x523	.....ccccgccaguacugcgaucc.....	0
Gi3_20866986_x523	.....gugAgaacacggggugccgaacu.....	1
Gi1_2630453_x519	.....gucgCgggaacacggggugccgaacu.....	1
G1a_3984256_x519	.....gugggaaacacggggugccga.....	0
Gi2_6654166_x518	.....ucgugggaaacacggggugccg.....	0
Gi3_20897129_x516	.....aggccccgccaguacugcgauccg.....	0
Gi2_6663968_x514	.....gggaacacggggugccgaa.....	0
Gi3_20927425_x511	.....gucgugggaaacacggggugccgaacA.....	1
Gi2_6669610_x511	.....cgugggaaacacggggugccgCacu.....	1
Gi3_20933547_x509	.....gUacacggggugccgaacu.....	1
Gi4_298421_x509	.....cgugggaaacacggggugccgaacu.....	0
Gi2_6688434_x506	.....cgucgugggaaacacggggugccgaac.....	0
Gi2_6691467_x505	.....ucggGgacgucgugggaaacacg.....	1
Gi5_5684347_x503	.....gugggaaacNcggggugccgaacu.....	1
Gi3_20965425_x503	.....ucggagacgucgugggaaacacg.....	0
Gi5_5685353_x502	.....aucggagacgucgugggaaacacgg.....	0
G1a_4003648_x501	.....aucggagacgucgugggaaacacggggu.....	0
G1a_4008139_x498	.....gugggaaacacggggugccgaac.....	0
G1a_4011121_x496	.....cgugggaaacacggggugcc.....	0
G1a_4013105_x495	.....aguacugcgauccgagacguc.....	0
Gi3_21024275_x493	.....gacgucgugggaaacacggg.....	0
Gi2_6731385_x492	.....caggccccgccaguacug.....	0
Gi5_5704214_x491	.....aucggagacgucgugggaaacacggggu.....	0
Gi3_21053720_x489	.....Cgaacacggggugccgaacu.....	1
Gi3_21053231_x489	.....cgugggaaacacggggugccAaacu.....	1
Gi5_5708616_x486	.....gugggaaacacggggugccgaacuu.....	0
Gi2_6754847_x485	.....gaucggagacgucgugggaaaca.....	0
Gi3_21074174_x485	.....aaUacggggugccgaacu.....	1
Gi1_2653352_x484	.....cgucgCgggaacacggggugccgaacu.....	1
Gi3_21090151_x483	.....Aggaacacggggugccgaacu.....	1

Gi2_6764528_x482	.....ggGgacgucgugggaacacggggugcc.....	1
Gi2_6774146_x480	.....gugggaacCcggggugccgaacu.....	1
Gi2_6772226_x480	.....cgucaggccccgccaguacugcg.....	0
Gi2_6773666_x480	.....aucggGgacgucgugggaacacggg.....	1
Gi1a_4033121_x479	.....cgucaggccccgccaguacugc.....	0
Gi3_21119024_x479	.....aacacggggugccgaacuu.....	0
Gi3_21122373_x478	.....agcgcgucaggccccgccagu.....	0
Gi3_21138590_x475	.....gGcgugggaacacggggugccgaacu.....	1
Gi3_21144290_x475	.....gGgggaacacggggugccg.....	1
Gi3_21139065_x475	.....cgccgucaggccccgccaguacugc.....	0
Gi3_21150932_x474	.....caguacugcgauccggagacguc.....	0
Gi3_21147140_x474	.....ggccccgccaguacugcgau.....	0
Gi3_21151406_x474	.....gccgucaggccccgccaguac.....	0
Gi3_21178779_x470	.....Augggaacacggggugccgaac.....	1
Gi5_5737314_x470	.....aacacggggugccgaacA.....	1
Gi3_21177839_x470	.....gagaagcgcgucaggccc.....	0
Gi3_21189573_x469	.....Uucgugggaacacggggugccgaac.....	1
Gi5_5745274_x466	.....gugggaacacggggugccg.....	0
Gi2_6811953_x465	.....ucggagacgucgugggaacacg.....	0
Gi3_21225428_x463	.....gucgugggaacacggggugccga.....	0
Gi2_6818913_x463	.....caguacugcgauccggagacguc.....	0
Gi2_6829073_x461	.....gccaguacugcgauccggagacguc.....	0
Gi1_2673628_x459	.....gugggaacacggggugccg.....	0
Gi3_21253553_x458	.....agaagcgcgucaggccccgcc.....	0
Gi5_5767386_x456	.....aaUacggggugccgaacu.....	1
Gi3_21260413_x456	.....caguacugcgauccggagacgucgug.....	0
Gi2_6849190_x455	.....aucggagacgucgugggaac.....	0
Gi3_21277250_x454	.....ggaacacgNggugccgaacu.....	1
Gi3_21273618_x454	.....cgugggaacacggggugcUgaacu.....	1
Gi2_6855091_x453	.....ggaacacggggugccgaa.....	0
Gi1_2677719_x450	.....agacgucgugggaacacggggugccgaacu.....	0
Gi3_21301662_x450	.....uUggaacacggggugccgaa.....	1
Gi2_6870001_x450	.....agacgucgugggaacacggggugc.....	0
Gi5_5775083_x449	.....aGcacggggugccgaacu.....	1
Gi3_21314237_x448	.....gaacacggggugccgCacu.....	1
Gi3_21316924_x447	.....cgucgugggaacacgggg.....	0
Gi5_5781786_x445	.....ugcgauccggagacgucgug.....	0
Gi3_21334759_x445	.....gugggaacacggggUaccgaacu.....	1
Gi3_21342750_x443	.....Cgggaacacggggugccgaacu.....	1
Gi3_21366587_x440	.....Cggaacacggggugccgaacu.....	1
Gi3_21362627_x440	.....agaagcgcgucaggccccgcc.....	0
Gi2_6909972_x439	.....cccgccaguacugcgauccggagac.....	0
Gi3_21374493_x438	.....gaucggagacgucgugggaacacgg.....	0
Gi3_21392841_x436	.....agaagcgcgucaggcccc.....	0
Gi3_21398498_x435	.....agcgcgucaggccccgcc.....	0
Gi2_6928292_x434	.....guggUaacacggggugccgaacu.....	1
Gi3_21419305_x432	.....gaagagaagcgcgucagg.....	0

Gi3_21420601_x432	.....gugggaacaUggggugccgaacu.....	1
Gi3_21425343_x431	.....cgccaguacugcgauccggagacgu.....	0
Gi1_2690059_x430	.....ucgCgggaacacggggugcc.....	1
Gi2_6946431_x430	.....cggGgacgucgugggaacacggggugc.....	1
Gi3_21430506_x430	.....agagaagcggcucaggccccgc.....	0
Gi5_5805893_x429	.....Gcgugggaacacggggugccgaacu.....	1
Gi3_21442941_x428	.....uUggaacacggggugccga.....	1
Gi3_21442085_x428	.....gugggaacacggggugccgaUc.....	1
Gi5_5809746_x427	.....Gacacggggugccgaacu.....	1
Gi5_5810600_x427	.....Uucgugggaacacggggugccgaacu.....	1
Gi3_21454905_x426	.....Ggugggaacacggggugccgaac.....	1
Gi2_6960982_x425	.....aucggGgacgucgugggaacacg.....	1
Gi3_21464696_x425	.....gggaacacggggugccgaCcu.....	1
Gi3_21470210_x424	.....gugggaacacggggugccgGacu.....	1
Gl1a_4115331_x422	.....Ugaacacggggugccgaacu.....	1
Gi3_21495525_x420	.....gugggaacacggggugUcgaacu.....	1
Gi2_6981692_x419	.....cggagacgucgugggaacacggggg.....	0
Gi2_6981273_x419	.....cgugggaacacggggugccgaCcu.....	1
Gi3_21518968_x417	.....cccggcaguacugcgauccggagacg.....	0
Gi3_21519802_x417	.....cgccaguacugcgauccggagacg.....	0
Gi3_21532298_x416	.....gugggaacacggUgugccgaacu.....	1
Gi3_21552587_x413	.....gCgggaacacggggugccgaac.....	1
Gi3_21566190_x411	.....gggaacacNggggugccgaacu.....	1
Gi2_7023165_x410	.....gugggaacacggggugccgaCcu.....	1
Gi3_21574397_x409	.....aUgccccgccaguacugc.....	1
Gi3_21576442_x409	.....cguAggaacacggggugccgaacu.....	1
Gi3_21578892_x408	.....gugggaacacgAggugccgaacu.....	1
Gi3_21593951_x405	.....cggagacgucgugggaacacg.....	0
Gi1_2710911_x404	.....aucggagacgucgugggaacacg.....	0
Gi3_21620582_x402	.....cgcgugggaacacggggugccgaa.....	0
Gi3_21622588_x401	.....agaagcggcucaggccc.....	0
Gi3_21647373_x398	.....ucggagacgucgugggaacacggggg.....	0
Gi3_21658497_x397	.....gugggaacacggAgugccgaacu.....	1
Gi5_5858005_x396	.....gugggaacacggggGgccgaacu.....	1
Gi3_21665630_x396	.....gugggaacacggggugccgaGc.....	1
Gi3_21677878_x394	.....acugcgauccggagacguc.....	0
Gi2_7083828_x393	.....ccggcaguacugcgauccgg.....	0
Gi3_21683787_x393	.....Cugggaacacggggugcc.....	1
Gi5_5865493_x392	.....cgGgggaacacggggugccgaacu.....	1
Gi2_7092453_x391	.....gaagcggcucaggcccc.....	0
Gi3_21723258_x388	.....cccggcaguacugcgauccggagac.....	0
Gi5_5879505_x385	.....cgCgggaacacggggugccgaacu.....	1
Gi3_21743350_x385	.....agagaagcggcucaggccccgc.....	0
Gi3_21762536_x382	.....aguacugcgauccggagacg.....	0
Gi2_7137581_x379	.....gaagcggcucaggccccgc.....	0
Gl1a_4189285_x379	.....ugggaacacggggugccgaacA.....	1
Gi3_21792532_x377	.....acugcgauccggagacgucgug.....	0

Gi3_21808710_x375.....	.gccaguacugcgauccgagacgu.....	0
Gi3_21813955_x374.....	.....gaacacggggugccgGacu.....	1
Gi3_21813581_x374.....	.....gugggaacacggggCgccgaac.....	1
Gi2_7156442_x374.....	.....cgugggGacacggggugccgaacu.....	1
Gi5_5898479_x374.....	.....cgugggaacacggggugcc.....	0
Gi2_7160930_x373.....	.....gggaacacggggugccga.....	0
Gi5_5903708_x372.....	.....gucaggccccgccaguacugcg.....	0
Gi1_2746579_x371.....	.....cgugggaacacggggugccgaac.....	0
Gi1_2746950_x371.....	.....aggccccgccaguacugcgau.....	0
Gi3_21839642_x370.....	.....gugggaacacggggGgccgaac.....	1
Gi3_21848878_x369.....	.....cgugggaacacgUggugccgaacu.....	1
Gi3_21844450_x369.....	.....cggagacgucgugggaacacggg.....	0
Gi3_21875321_x366.....	.....cgugAgaacacggggugccgaacu.....	1
Gi3_21874955_x366.....	.....cccgccaguacugcgauccg.....	0
Gi3_21878975_x365.....	.....guggAaacacggggugccgaacu.....	1
Gi2_7201552_x365.....	.....ccgucaggccccgccaguacugcg.....	0
Gi3_21886627_x364.....	.....ggUacacggggugccgaacu.....	1
Gi2_7209198_x363.....	.....gAgggaacacggggugccgaacu.....	1
Gi3_21888810_x363.....	.....agacgucgugggaacacggggugcc.....	0
Gi5_5912906_x363.....	.....gugggGacacggggugccgaacu.....	1
Gi3_21890988_x363.....	.....aacacggggCgccgaacu.....	1
Gi1_2755728_x362.....	.....gugggaacacggggugccgaacu.....	0
Gi1_2760408_x359.....	.....gUgaacacggggugccgaacu.....	1
Gi2_7227600_x359.....	.....aucggagacgucguggga.....	0
Gi3_21920229_x359.....	.....ggagacgucgugggaacacg.....	0
Gi2_7231906_x358.....	.....cgugggaacacggggugccgaGcu.....	1
Gi3_21924892_x358.....	.....gugggaaUacggggugccgaacu.....	1
Gi1_2762199_x357.....	.....gUaacacggggugccgaacu.....	1
Gi2_7235843_x357.....	.....aagagaagcgccgucaggccc.....	0
Gi3_21936329_x357.....	.....Agugggaacacggggugccgaacu.....	1
Gi3_21940247_x356.....	.....cgccaguacugcgauccgagac.....	0
Gi3_21945230_x355.....	.....gacgucgugggaacacgggg.....	0
Gi3_21947005_x355.....	.....cUugggaacacggggugcc.....	1
Gi2_7246532_x355.....	.....ggGgacgucgugggaacacggggugc.....	1
Gi1_2765402_x354.....	.....cgucgugggaacacggggugcc.....	0
Gi3_21950908_x354.....	.....gagacgucgugggaacacggggugccgaacu.....	0
Gi2_7255377_x353.....	.....ucaggccccgccaguacugcg.....	0
Gi3_21959043_x353.....	.....ugggaacacggggugccgCac.....	1
Gi2_7257846_x352.....	.....gugggaacacAgggugccgaacu.....	1
Gi2_7262421_x351.....	.....Gcgugggaacacggggugccgaacu.....	1
Gi1_2768927_x350.....	.....gucgugggaacacggggugcc.....	0
Gi5_5957529_x345.....	.....ugggaacacggggugccgCacu.....	1
Gi3_22045930_x341.....	.....ucgugggaacacggggugccgaa.....	0
Gi5_5971873_x338.....	.....gGacacggggugccgaacu.....	1
Gi3_22074093_x337.....	.....gugggGacacggggugccgaac.....	1
Gi1_4268455_x337.....	.....aggccccgccaguacugcg.....	0
Gi5_5975582_x336.....	.....gCgggaacacggggugccgaacu.....	1

Gi3_22078811_x336	.....gacgucgugggaacacggggugccgaacA.....	1
Gi2_7332098_x336	.....Uguggaacacggggugccgaacu.....	1
Gi1_2782276_x335	.....cgugggaacacggggugccga.....	0
Gi5_5979277_x335	.....ugggaacaNggggugccgaacu.....	1
Gi2_7335117_x335	.....cgugggaGcacggggugccgaacu.....	1
Gi3_22101607_x334	.....Agaacacggggugccgaacu.....	1
Gi5_5988969_x333	.....cgugggaacacggggugccgaGcu.....	1
Gi3_22106611_x333	.....aguacugcgauccgagacgucgug.....	0
Gi5_5986971_x333	.....gugggaacacggggCgccgaacu.....	1
Gi3_22111938_x332	.....cgauccgagacgucguggggaacacg.....	0
Gi1_2785611_x332	.....ggagacgucguggggaacacggggugcc.....	0
Gi5_5992293_x332	.....Cugggaacacggggugccgaacu.....	1
Gi3_22123215_x331	.....Agaacacggggugccgaac.....	1
Gi2_7359060_x330	.....gccgucaggccccgccaguacugc.....	0
Gi3_22148239_x328	.....ggaacacgNggugccgaac.....	1
Gi1_2787918_x328	.....gCgggaacacggggugccg.....	1
Gi2_7368916_x327	.....gUgaacacggggugccgaac.....	1
Gi5_6006792_x326	.....gucguggggaacacggggugccgaac.....	0
Gi2_7373163_x326	.....cgAggggaacacggggugccgaacu.....	1
Gi3_22168136_x325	.....gaacacAgggugccgaacu.....	1
Gi2_7380644_x325	.....ccgucaggccccgccaguacugc.....	0
Gi2_7381942_x324	.....guAggaacacggggugccgaacu.....	1
Gi1_2791179_x324	.....caggccccgccaguacugc.....	0
Gi5_6014257_x323	.....cUucguggggaacacggggugccgaacu.....	1
Gi1_2795056_x322	.....aucggagacgucGgggaacacgg.....	1
Gi2_7397102_x321	.....aguacugcgauccgagacguc.....	0
Gi3_22199475_x321	.....guacugcgauccgagacg.....	0
Gl1_4304011_x321	.....agaagcgccgucaggccccgc.....	0
Gi1_2797301_x319	.....acgucguggggaacacggggugcc.....	0
Gi1_2797939_x318	.....ugggaacacggggugccgaacA.....	1
Gi3_22222813_x318	.....aacGcggggugccgaacu.....	1
Gi2_7410220_x318	.....gaucggagacgucguggggaacacggggug.....	0
Gi5_6024830_x317	.....guUggaacacggggugccgaacu.....	1
Gi2_7417202_x317	.....aucggagacgucguggggaacacgg.....	0
Gi3_22238689_x317	.....ccgucaggccccgccaguacugc.....	0
Gi3_22243432_x316	.....aacacggggugccgaGcu.....	1
Gi3_22254787_x315	.....cUugggaacacggggugccga.....	1
Gi3_22263909_x314	.....ccgccaguacugcgauccgagacguc.....	0
Gi2_7432954_x313	.....gGgacgucguggggaacacggggugcc.....	1
Gi5_6037437_x313	.....caggccccgccaguacugcgaucc.....	0
Gl1_4318902_x313	.....acugcgauccgagacgucgug.....	0
Gi3_22285171_x311	.....guUggaacacggggugccgaac.....	1
Gi4_321304_x310	.....ugggaacacggggugccgaacu.....	0
Gi2_7449127_x309	.....gacgucguggggaacacggggugccg.....	0
Gi1_2805774_x309	.....cgucaggccccgccaguacugc.....	0
Gi3_22299763_x309	.....cgauccgagacgucguggg.....	0
Gi3_22309644_x308	.....ugggGacacggggugccgaacu.....	1

Gi2_7456834_x308	.....cggGgacgucguggggaacac.....	1
Gi5_6054155_x307	.....gugggaacacggggugccgaGcu.....	1
Gi2_7460519_x307	.....gGgggaacacggggugccg.....	1
Gi3_22321325_x307	.....aguacugcgauccgagacgucg.....	0
Gi3_22317027_x307	.....gacgucguggggaacacggggugccg.....	0
Gi3_22318255_x307	.....gggaacacggggugccgaaA.....	1
Gi2_7465729_x306	.....cgugggaacacggggCgccgaacu.....	1
Gi3_22329900_x306	.....cgugggaacacgAggugccgaacu.....	1
Gi2_7474883_x304	.....cccgccaguacugcgauccgagacguc.....	0
Gi2_7477315_x304	.....ucggagacgucgugggaaaca.....	0
Gi3_22354863_x303	.....Uggaacacggggugccgaa.....	1
Gi3_22349712_x303	.....ggaacacggggugccgCacu.....	1
Gi3_22367853_x301	.....cccgccaguacugcgauccgag.....	0
Gi3_22366649_x301	.....cccgccaguacugcgauccgagacgu.....	0
Gi3_22378677_x300	.....ugggaGcacggggugccgaacu.....	1
Gi3_22384377_x300	.....ggaacacggggugccgCac.....	1
Gi5_6073549_x299	.....cgucguggggaacacggggugccgaacA.....	1
Gi2_7505051_x299	.....aguacugcgauccgagacgu.....	0
Gi3_22402604_x298	.....guacugcgauccgagacgucgug.....	0
Gi2_7521375_x295	.....Uugggaacacggggugccgaa.....	1
Gi5_6086590_x294	.....caggccccgccaguacug.....	0
Gi3_22433079_x294	.....cccgccaguacugcgauccgagacguc.....	0
Gi3_22434549_x294	.....aUgccccgccaguacugcg.....	1
Gi3_22449504_x293	.....ucaggccccgccaguacugcgauccg.....	0
Gi3_22447160_x293	.....gaacacggggugccAaacu.....	1
Gi3_22441300_x293	.....gucguggggaacacggggugc.....	0
Gi3_22443058_x293	.....cccgccaguacugcgau.....	0
Gi3_22455345_x292	.....ucaggccccgccaguacug.....	0
Gi3_22456221_x292	.....gucaggccccgccaguacugcgaucc.....	0
Gi2_7536057_x292	.....gugggaacacggggugcUgaacu.....	1
Gi2_7543054_x291	.....cgauccgagacgucgugg.....	0
Gi3_22461473_x291	.....ggUacacggggugccgaac.....	1
Gi3_22467875_x291	.....ugggaacacggggCgccgaacu.....	1
Gi3_22478029_x290	.....ggaacacggggCgccgaacu.....	1
Gi5_6101490_x290	.....ucgggagacgucguggggaacacg.....	0
Gi2_7548566_x289	.....Agaacacggggugccgaac.....	1
Gi1_2833885_x289	.....acugcgauccgagacgucg.....	0
Gi1a_4370751_x288	.....caggccccgccaguacugcgau.....	0
Gi2_7556077_x288	.....ggGgacgucgugggaaaca.....	1
Gi3_22500808_x287	.....uCggaacacggggugccgaacu.....	1
Gi1_2839059_x286	.....caggccccgccaguacugcg.....	0
Gi3_22522274_x285	.....gugggaacGcggggugccgaac.....	1
Gi2_7580393_x284	.....gaucggagacgucguggggaacacggggugcc.....	0
Gi3_22526264_x284	.....cgugggaaUacggggugccgaacu.....	1
Gi3_22534784_x284	.....gaucggagacgucguggggaacacggggugc.....	0
Gi2_7585213_x283	.....cgccaguacugcgauccgagac.....	0
Gi3_22547230_x282	.....cUucguggggaacacggggugcc.....	1

Gi3_22555125_x281	.....Gggccccgccaguacugcgau	.....	1
Gi1_2845298_x281	.....Gcguggaacacggggugccgaacu	.....	1
Gi3_22562991_x280	.....gaucggagacgucgugggaacacggggugcc	.....	0
Gi2_7605185_x280	.....uggaacacggggugccgCacu	.....	1
Gi3_22579204_x279	.....uggaacGcggggugccgaacu	.....	1
Gi5_6138683_x279	.....gagacgucgugggaacacggggugccgaacu	.....	0
Gi2_7606304_x279	.....ggccccgccaguacugcgau	.....	0
Gi2_7608536_x279	.....aucggGgacgucgugggaacacggggugcc	.....	1
Gi3_22583102_x278	.....aacacggggugccgGacu	.....	1
Gi3_22611622_x276	.....uggaacacNggggugccgaac	.....	1
Gi3_22607482_x276	.....guggaacacggggAgccgaacu	.....	1
Gi3_22618779_x275	.....ccgccaguacugcgau	.....	0
Gi2_7632642_x275	.....cgugUgaacacggggugccgaacu	.....	1
Gi2_7635117_x275	.....cUucguggaacacggggugccgaacu	.....	1
Gi3_22620429_x275	.....guggaacacgggAugccgaacu	.....	1
Gi1_2853614_x274	.....ucggagacgucgugggaacacg	.....	0
Gi1_2854984_x274	.....Caacacggggugccgaacu	.....	1
Gi2_7641697_x274	.....gucguggaacacggggugccga	.....	0
Gi3_22626184_x274	.....cgugggaCcacggggugccgaacu	.....	1
Gi2_7642791_x273	.....ucggagacgucgugggaacacggggugcc	.....	0
Gi3_22634390_x273	.....gagacgucgugggaacacggggugccgaac	.....	0
Gi2_7655585_x271	.....cguggaacGcggggugccgaacu	.....	1
Gi3_22672641_x269	.....gugggaaAacggggugccgaacu	.....	1
Gi3_22673179_x269	.....guggaacacggggugccgCac	.....	1
Gi5_6167436_x269	.....Uggaacacggggugccgaac	.....	1
Gi3_22677752_x269	.....cguggaacacggggUaccgaacu	.....	1
Gi2_7667997_x269	.....aucggGgacgucgugggaacacgggg	.....	1
Gi5_6173063_x267	.....guggaacGcggggugccgaacu	.....	1
Gi3_22694116_x267	.....guggaacacggggugccgaacG	.....	1
Gl1_4420290_x267	.....gUaacacggggugccgaacu	.....	1
Gi2_7676042_x267	.....gacgucgugggaacacgggg	.....	0
Gl1_4421358_x266	.....ccgccaguacugcgau	.....	0
Gi3_22712765_x265	.....gccaguacugcgau	.....	0
Gi2_7691476_x265	.....gacgucguggaacacggggugc	.....	0
Gi5_6184234_x264	.....cguggGacacggggugccgaacu	.....	1
Gi2_7699399_x263	.....ucggagacgucgugggaacacggggugc	.....	0
Gi5_6193187_x262	.....gugggaGcacggggugccgaacu	.....	1
Gi5_6196067_x261	.....cguggaacacggggugccgCacu	.....	1
Gi5_6197633_x261	.....acgucguggaacacggggugccgaac	.....	0
Gi5_6197111_x261	.....Uguggaacacggggugccgaacu	.....	1
Gi3_22764540_x260	.....ccccgccaguacugcgau	.....	0
Gi2_7719813_x260	.....aucggGgacgucguggga	.....	1
Gi2_7724223_x259	.....gGgacgucgugggaacacggggugc	.....	1
Gi2_7725259_x259	.....ccaguacugcgau	.....	0
Gi3_22783220_x259	.....acacggggugccgaacu	.....	0
Gi2_7723964_x259	.....aguacugcgau	.....	1
Gi2_7727071_x258	.....ggaacacgNggugccgaacu	.....	1

Gi3_22797153_x257	.....caguacugcgauccggagacgu.....	0
Gi2_7734292_x257	.....cUugggaacacggggugcc.....	1
Gi3_22809979_x256	.....gGcgugggaacacggggugccgaac.....	1
Gi3_22807163_x256	.....cgugggaaNacggggugccgaac.....	1
Gi2_7744291_x255	.....gaucggagacgucgugggaacacgggg.....	0
Gi1_2887914_x255	.....cgugggaacacggggugccg.....	0
Gi3_22833935_x254	.....ugUgaacacggggugccgaacu.....	1
Gi2_7753201_x254	.....ugggaacaNggggugccgaacu.....	1
Gi5_6223644_x254	.....cgucgugggaacacggggugccgaac.....	0
Gi5_6222882_x254	.....ucaggccccgccaguacugcg.....	0
Gi3_22843812_x253	.....gugggUacacggggugccgaacu.....	1
Gi3_22848113_x253	.....aggccccgccaguacugcgauccggagacg.....	0
Gi3_22846342_x253	.....Aucgugggaacacggggugccgaacu.....	1
Gi1_2893239_x252	.....gugggaacacggggugccga.....	0
Gi1_2892483_x252	.....cgCgggaacacggggugcc.....	1
Gi3_22872752_x250	.....ggaacacggggCgccaac.....	1
Gi3_22871752_x250	.....gaacacggggugcUgaacu.....	1
Gi5_6240516_x249	.....cgAggggaacacggggugccgaacu.....	1
Gi5_6242757_x249	.....gGgggaacacggggugccgaac.....	1
Gi2_7783342_x249	.....aucggGgacgucgugggaacacgg.....	1
Gl1a_4464036_x249	.....cUugggaacacggggugccgaacu.....	1
Gi3_22906604_x248	.....Uacgucgugggaacacggggugccgaacu.....	1
Gi2_7787561_x248	.....uUggaacacggggugccgaac.....	1
Gi2_7790041_x248	.....cCugggaacacggggugccgaacu.....	1
Gl1a_4469990_x247	.....ggaacacggggugccgaacA.....	1
Gi3_22910312_x247	.....agaagcgccgucaggccccgccagu.....	0
Gi3_22922900_x246	.....gugggaacacggggugccgUacu.....	1
Gi2_7804100_x246	.....aGcacggggugccgaacu.....	1
Gi1_2904701_x246	.....aGcacggggugccgaacu.....	1
Gi1_2906915_x246	.....gggagacgucgugggaacacggggugccg.....	0
Gi3_22939106_x245	.....Uaucggagacgucgugggaacacggg.....	1
Gl1a_4475643_x245	.....gugggaacacggggugccg.....	0
Gl1a_4475398_x245	.....cgccaguacugcgauccggagacguc.....	0
Gi3_22937146_x245	.....ugggaacacggggugccgU.....	1
Gi3_22952543_x244	.....acgucgugggaacacggg.....	0
Gi5_6261217_x244	.....aacacgggNugccgaacu.....	1
Gi2_7809735_x244	.....gagacgucgugggaacacggggugcc.....	0
Gi1_2912295_x243	.....ugggaacacggggugccgaacuu.....	0
Gl1a_4478574_x243	.....gucaggccccgccaguacugcg.....	0
Gi2_7823837_x242	.....aucggagacgucgugggaacacgggg.....	0
Gi1_2915203_x242	.....aucggagacgucgugggaacacggggugcc.....	0
Gi3_22973653_x242	.....cugugggaacacggggugcgaacu.....	1
Gi3_22984514_x241	.....gggaacacggggugccgCacu.....	1
Gi2_7833252_x241	.....gugggaacacggggugccAaacu.....	1
Gi3_22993410_x240	.....cggagacgucgugggaacac.....	0
Gi3_22989810_x240	.....aggccccgccaguacugcgauA.....	1
Gl1a_4487024_x239	.....aucggagacgucguggga.....	0

Gi3_23001553_x239.....	aaAacggggugccgaacu.....	1
Gi2_7844045_x239.....	gggaacacNgggugccgaacu.....	1
Gi2_7842372_x239.....	gugggaacaUggggugccgaacu.....	1
Gi2_7851431_x238.....	gugggaacacggggugccGacu.....	1
Gi3_23014672_x238.....	cUugggaacacggggugc.....	1
Gi3_23020146_x238.....	guggUaacacggggugccgaac.....	1
Gi3_23016100_x238.....	gugggaacCcggggugccgaac.....	1
Gi2_7863743_x236.....	ggaGcacggggugccgaacu.....	1
Gi3_23037682_x236.....	gugggaacacggggugcAgaacu.....	1
Gi5_6293819_x236.....	gucgugggaacacggggugccgaacA.....	1
Gi3_23038390_x236.....	ggccccgccaguacugcga.....	0
Gi3_23052298_x235.....	ugggaacacggggugccgaGcu.....	1
Gi1_2930002_x235.....	cgugggaacacggggugccgaacu.....	0
Gi2_7867979_x235.....	gucgugggaacacggggugccgaacA.....	1
Gl1a_4500564_x235.....	guacugcgaucggagacguc.....	0
Gi3_23053003_x235.....	cgugggaacacggggugccgaacG.....	1
Gi5_6300402_x234.....	gugggaacCcggggugccgaacu.....	1
Gi3_23060757_x234.....	uGgugggaacacggggugccgaacu.....	1
Gi3_23082717_x233.....	uUggaacacggggugccg.....	1
Gi1_2931875_x233.....	caggccccgccaguacugcgauc.....	0
Gi5_6302507_x233.....	cgugggaacacggggugc.....	0
Gl1a_4505245_x233.....	ggaacacggggugccgaac.....	0
Gi2_7882949_x233.....	gaagagaagcgccgucaggccccgcc.....	0
Gi1_2932108_x233.....	Ggggaacacggggugccgaacu.....	1
Gi3_23080620_x233.....	ggUaacacggggugccgaacu.....	1
Gi1_2934666_x232.....	acgucgCgggaacacggggugccgaacu.....	1
Gi1_2934434_x232.....	gucgugggaacacggggugccgaacA.....	1
Gi2_7893605_x231.....	gGcgugggaacacggggugccgaacu.....	1
Gi3_23118110_x230.....	gggaacacNgggugccgaac.....	1
Gi3_23121330_x230.....	cgccgucaggccccgccaguacu.....	0
Gi3_23113050_x230.....	cgugggaacacggggugccgaaAu.....	1
Gi1_2940892_x229.....	ucaggccccgccaguacugcg.....	0
Gi3_23136914_x229.....	gaacacggggugccgaacuu.....	0
Gi3_23138513_x228.....	ucaggccccgccaguacugcga.....	0
Gi3_23139197_x228.....	ccgccaguacugcgauccg.....	0
Gi2_7917898_x227.....	cgauccgagacgucgugggaacacggg.....	0
Gi2_7928104_x226.....	gagaagcgccgucaggccccgcc.....	0
Gi5_6336932_x225.....	guggUaacacggggugccgaacu.....	1
Gi1_2949311_x225.....	gaaacacggggugccgaac.....	0
Gi3_23178388_x225.....	aGcggagacgucgugggaacacg.....	1
Gi3_23192755_x224.....	cggagacgucgugggaacacgggg.....	0
Gi2_7955244_x223.....	gugggaacacggUgugccgaacu.....	1
Gl1a_4530999_x223.....	cgugggaacacggggugc.....	0
Gi3_23201914_x223.....	gugggaacacggggGgcc.....	1
Gi3_23215051_x222.....	gaagagaagcgccgucaggccccgcc.....	0
Gi5_6353490_x222.....	cgugggaacacggggCgccgaacu.....	1
Gi3_23225485_x222.....	ucggagacgucgugggaacacggg.....	0

Gi2_7967227_x221.....	gGgggaacacggggugccga.....	1
Gi3_23235655_x221.....	aGcggagacgucgugggaacacggg.....	1
G1a_4536999_x221.....	Uggaacacggggugccgaacu.....	1
Gi2_7968332_x221.....	cgugggaacacggggugcUga.....	1
Gi3_23230130_x221.....	ggagacgucgugggaacacggggugccg.....	0
Gi3_23251068_x220.....	Gcgugggaacacggggugccgaac.....	1
Gi3_23245788_x220.....	ggaGcacggggugccgaacu.....	1
Gi3_23244688_x220.....	gugggaGcacggggugccgaac.....	1
Gi2_7982408_x219.....	aagagaagcgcgucaggccc.....	0
Gi2_7983284_x219.....	Agaacacggggugccgaacu.....	1
G1a_4542937_x219.....	gccaguacugcgauccggagacguc.....	0
Gi2_7983941_x219.....	aaacacggggugccgaGcu.....	1
Gi3_23256763_x219.....	gugggaCcacggggugccgaacu.....	1
Gi5_6370944_x219.....	gaacacggNgugccgaacu.....	1
Gi3_23273142_x218.....	cgccgucaggccccgccagu.....	0
Gi2_7993097_x217.....	ggGgacgucgugggaacacg.....	1
Gi3_23275103_x217.....	cccgccaguacugcgauccgga.....	0
Gi3_23276622_x217.....	gagacgucgugggaacacggggu.....	0
Gi3_23286387_x217.....	ccccgccaguacugcgauccggagacg.....	0
Gi3_23288986_x216.....	caggccccgccaguacugcgauccg.....	0
G1a_4550990_x216.....	gugggaacacggggugccgaacA.....	1
Gi2_8005442_x216.....	gGacacggggugccgaacu.....	1
Gi5_6392467_x216.....	cgucgugggaacacggggugc.....	0
Gi3_23295682_x216.....	cgccgucaggccccgcccag.....	0
Gi2_8012762_x215.....	caggccccgccaguacugcgauccgga.....	0
Gi3_23326407_x214.....	gugggaacacggggugccgaaUu.....	1
Gi1_2979521_x213.....	aucggagacgucgugggaacacggggu.....	0
Gi4_350396_x213.....	gugggaacacggggugccgaa.....	0
Gi3_23348767_x212.....	cgugggaacacggAgugccgaacu.....	1
Gi3_23345587_x212.....	cgugggUacacggggugccgaacu.....	1
Gi2_8029631_x212.....	agaagcgcgucaggcccc.....	0
Gi1_2982695_x211.....	gucaggccccgccaguacugc.....	0
Gi1_2982062_x211.....	gggaacacggggugccgaacu.....	0
Gi5_6416161_x211.....	cgugUgaacacggggugccgaacu.....	1
Gi3_23363588_x211.....	gugggaacacggggugccgaCc.....	1
Gi2_8043172_x211.....	gugggaacacggggUaccgaacu.....	1
Gi2_8052213_x210.....	gagacgucgugggaacacggggugc.....	0
Gi3_23382537_x210.....	gugggaacaUggggugcc.....	1
Gi5_6424997_x209.....	aucggagacgucgugggaacacggg.....	0
Gi2_8058071_x209.....	ucgugggaacacggggugccgaa.....	0
Gi1_2988772_x208.....	cgucGgggaacacggggugcc.....	1
Gi3_23404915_x208.....	ucgugggaacacggggugccga.....	0
Gi2_8067652_x208.....	gugggaacacgAggugccgaacu.....	1
Gi2_8068484_x208.....	ggGgacgucgugggaacacggggu.....	1
Gi3_23428141_x207.....	gaagagaagcgcgucaggccc.....	0
Gi3_23420689_x207.....	gggaacacggggGgcccgaacu.....	1
Gi2_8075951_x207.....	cgucgugggaacacgggg.....	0

Gi5_6442892_x206.....	acugcgauccggagacgucgug.....	0
Gi3_23429590_x206.....	agacgucgugggaacacggg.....	0
Gi1_2997669_x205.....	cggagacgucgugggaacacggggugcc.....	0
Gi3_23444820_x205.....	gAgggaacacggggugccgaac.....	1
Gi3_23442975_x205.....	Ugaacacggggugccgaa.....	1
Gi3_23459966_x204.....	Ggggaacacggggugccgaa.....	1
Gi2_8098395_x204.....	gugAgaacacggggugccgaacu.....	1
Gi5_6462325_x203.....	aagagaagcgccgucaggccccgc.....	0
Gi3_23475628_x203.....	aagagaagcgccgucaggccc.....	0
Gi2_8107965_x203.....	gucgugggaacacggggugccg.....	0
Gi2_8110401_x203.....	Ugccccgccaguacugcgau.....	1
Gi3_23477049_x203.....	Uaucggagacgucgugggaacacggggu.....	1
Gi5_6464152_x203.....	uacugcgauccggagacgu.....	0
Gi1_3004409_x203.....	cgugggaacacggggugccgaacA.....	1
Gi3_23466899_x203.....	gggaGcacggggugccgaacu.....	1
Gi3_23467508_x203.....	Ggggaacacggggugccga.....	1
Gi3_23493632_x202.....	cggagacgucgugggaacacggggugccga.....	0
Gi3_23487370_x202.....	agagaagcgccgucaggccccg.....	0
Gi3_23494844_x202.....	aggccccgNcaguacugcgau.....	1
Gi5_6470819_x202.....	aacacggggCgcccgaacu.....	1
Gi3_23488784_x202.....	gaacacggAgugccgaacu.....	1
Gi3_23502492_x201.....	ucgugggaacacggggugcc.....	0
Gi2_8120901_x201.....	guggAaacacggggugccgaacu.....	1
Gi2_8125524_x201.....	ccgccaguacugcgauccggag.....	0
Gi3_23518931_x200.....	cgGgggaacacggggugccgaac.....	1
Gi2_8132932_x200.....	cgugggaaUacggggugccgaacu.....	1
Gi3_23523331_x200.....	cgugggaacacggggugccgaaUu.....	1
Gi2_8139707_x199.....	aUgccccgccaguacugc.....	1
Gi1a_4602587_x199.....	uUggaacacggggugccgaacu.....	1
Gi2_8142888_x198.....	ggUacacggggugccgaacu.....	1
Gi2_8150412_x198.....	ucgugggaacacggggugc.....	0
Gi3_23558821_x197.....	gAaacacggggugccgaacu.....	1
Gi5_6495719_x197.....	cgugggaacacggggugccgaCcu.....	1
Gi3_23564928_x197.....	ggGacacggggugccgaacu.....	1
Gi2_8154944_x197.....	caguacugcgauccggGgacguc.....	1
Gi3_23579069_x196.....	Aggaacacggggugccgaac.....	1
Gi2_8171036_x195.....	cgccgucaggccccgccaguacugc.....	0
Gi3_23605197_x194.....	acgucgugggaacacggggugccg.....	0
Gi2_8180968_x194.....	aagagaagcgccgucaggcc.....	0
Gi5_6521848_x193.....	guAggaacacggggugccgaacu.....	1
Gi2_8199875_x192.....	cAugggaacacggggugccgaacu.....	1
Gi2_8200451_x192.....	gugggaaAacggggugccgaacu.....	1
Gi3_23638576_x192.....	gUgaacacggggugccgaa.....	1
Gi3_23646609_x191.....	cguggAaacacggggugccgaacu.....	1
Gi2_8206185_x191.....	gagaagcgccgucaggccccgc.....	0
Gi1_3035987_x191.....	cUucgugggaacacggggugccgaacu.....	1
Gi2_8202747_x191.....	gagacgucgugggaacacggggugccg.....	0

Gi2_8204466_x191.....	acugcgauccggGgacguc.....	1	
Gi3_23664695_x190.....	.gccgucaggccccgccagu.....		0
Gi2_8211718_x190.....	.gaagagaagcgccgucaggcccc.....		0
Gi1_3038462_x190.....	.....gGacacggggugccgaacu.....	1	
Gi3_23659185_x190.....	.....guggaacaacggggugccAaac.....		1
Gi3_23677007_x189.....	.....cgaucggagacgucgugg.....		0
Gi3_23680787_x189.....	.....guAggaacaacggggugccgaac.....		1
Gi2_8225558_x189.....	.....gacgucgugggaacaacggggugccgaac.....		0
Gi3_23698853_x188.....	.....aggccccgccaguacugcgauccggagacguc.....		0
Gi1_3042249_x188.....	.....acgucgugggaacaacggggugccg.....		0
Gi1_3045436_x187.....	.....Uucgugggaacaacggggugccgaacu.....		1
Gi3_23705032_x187.....	.....aUgccccgccaguacugcga.....		1
Gi2_8238546_x187.....	.....ggagacgucgugggaacaacggggug.....		0
Gi3_23712512_x187.....	.....guggaacaacAgggugccgaac.....		1
Gi3_23714569_x187.....	.....cccgccaguacugcgauccggaga.....		0
Gi4_363236_x187.....	.....ucgugggaacaacggggugccgaacu.....		0
Gi2_8248078_x186.....	.....gugggaacaacggAgugccgaacu.....		1
Gi1a_4647473_x186.....	.....cgaucggagacgucgugg.....		0
Gi5_6562038_x186.....	.....Ugaacaacggggugccgaac.....		1
Gi3_23717926_x186.....	.....cgCgggaacaacggggugccgaac.....		1
Gi3_23738900_x185.....	.....gugggaacaacggggugccgaaA.....		1
Gi2_8265331_x185.....	.....gagacgucgugggaacaacggggug.....		0
Gi2_8264961_x185.....	.....aggccccgccaguacugcgauccggaga.....		0
Gi1_3053794_x185.....	.....aucggagacgucCgggaacaacg.....		1
Gi3_23752161_x184.....	.....gaacaacggggguAccgaacu.....		1
Gi3_23756393_x184.....	.....caguacugcgauccggagacgucgu.....		0
Gi5_6582202_x184.....	.....ugggaacaacggggugccgaacuu.....		0
Gi3_23758969_x184.....	.....gaucggagacgucgugggaac.....		0
Gi2_8270124_x184.....	ccuaaacucguuccgaau.....		0
Gi2_8268652_x184.....	.....cccgccaguacugcgauccggag.....		0
Gi2_8270860_x184.....	.....ccaguacugcgauccggag.....		0
Gi3_23755289_x184.....	.....aagagaagcgccgucaggccccgc.....		0
Gi2_8267916_x184.....	.....gugggaacaacggggugccgaacuu.....		0
Gi3_23745169_x184.....	.....gCgaacaacggggugccgaacu.....		1
Gi5_6588611_x183.....	.....gAgggaacaacggggugccgaacu.....		1
Gi3_23763182_x183.....	.....gugggaacaacggggugccgaU.....		1
Gi2_8278387_x183.....	.....ugggaacaacggggugccgaacuu.....		0
Gi3_23772149_x183.....	.....aagagaagcgccgucaggcccc.....		0
Gi2_8288608_x182.....	.....acugcgauccggagacgucgu.....		0
Gi1a_4660908_x182.....	.....gucgugggaacaacggggugccgaacu.....		0
Gi2_8292248_x182.....	.....ccccgccaguacugcgau.....		0
Gi3_23780342_x182.....	.....gaagagaagcgccgucaggccccgc.....		0
Gi3_23800118_x181.....	.....cUugggaacaacggggugccgaa.....		1
Gi5_6597354_x181.....	.....agacgucgugggaacaacggggugccgaac.....		0
Gi3_23795955_x181.....	.....cgugggaacaacggggGgccgaacu.....		1
Gi3_23791973_x181.....	.....Cgaacaacggggugccgaac.....		1
Gi3_23790706_x181.....	.....ugggaacaacAgggugccgaacu.....		1

Gi1a_4664176_x181.....	.gaucggagacgucguggggaacacggg.....	0
Gi3_23791611_x181.....	.cUucgugggaacacggggugccgaac.....	1
Gi5_6604946_x180.....	.ugggaacacggggugccgaacuA.....	1
Gi3_23807333_x180.....	.gaacaUggggugccgaacu.....	1
Gi3_23809853_x180.....	.gggaacacggggGgccgaacu.....	1
Gi2_8311368_x179.....	.gggaacacggggugccgaCcu.....	1
Gi5_6616796_x179.....	.cugcgaucggagacgucGA.....	1
Gi3_23820447_x179.....	.aguacugcgaucggagacguc.....	0
Gi3_23836346_x178.....	.cgugggaacacggggugccgGacu.....	1
Gi2_8316379_x178.....	.ggaaacacggggugccgCacu.....	1
Gi5_6624636_x178.....	.aucggagacgucguggggaacacggggugc.....	0
Gi5_6622500_x178.....	.cgugggaGcacggggugccgaacu.....	1
Gi3_23843110_x178.....	.aacacAgggugccgaacu.....	1
Gi3_23843822_x178.....	.gggaacacggggugccgaGcu.....	1
Gi2_8320829_x178.....	.gucaggccccgccaguacug.....	0
Gi1_3077791_x177.....	.gaacaUggggugccgaacu.....	1
Gi2_8327396_x177.....	.cgucaggccccgccaguac.....	0
Gi3_23862248_x177.....	.cUugggaacacggggugccg.....	1
Gi3_23847911_x177.....	.aagagaagcgccgucaggc.....	0
Gi3_23848973_x177.....	.cgugggaacacggggugcAgaacu.....	1
Gi2_8337988_x176.....	.Ugagacgucguggggaacacggggugcc.....	1
Gi1_3079561_x176.....	.ucgugggaacacggggugc.....	0
Gi3_23874753_x176.....	.gaaUacggggugccgaacu.....	1
Gi3_23866657_x176.....	.gggaacGcggggugccgaacu.....	1
Gi3_23873169_x176.....	.gugggaacacggggugccgGac.....	1
Gi3_23881427_x175.....	.gaacacggggGgccgaacu.....	1
Gi3_23885102_x175.....	.cgugggaacacggggugccgCac.....	1
Gi1_3086232_x175.....	.Gacacggggugccgaacu.....	1
Gi5_6641405_x175.....	.Aaacacggggugccgaacu.....	1
Gi2_8346057_x175.....	.cgugggaacacAgggugccgaacu.....	1
Gi2_8343432_x175.....	.Aggaacacggggugccgaacu.....	1
Gi5_6642805_x175.....	.cgugggaacGcggggugccgaacu.....	1
Gi5_6642280_x175.....	.caguacugcgaucggagacgucgug.....	0
Gi2_8348332_x175.....	.gggagacgucguggggaacac.....	0
Gi3_23905164_x174.....	.ugggaacacggggugcUgaacu.....	1
Gi3_23895246_x174.....	.ccaguacugcgaucggagacgucgug.....	0
Gi3_23900640_x174.....	.aGcggagacgucguggggaacacggggg.....	1
Gi5_6653442_x174.....	.aacacggggugccgaGcu.....	1
Gi3_23901858_x174.....	.ccuuaacucguuccgaau.....	0
Gi3_23917659_x173.....	.gugggaacacggggugAcgaacu.....	1
Gi1_3091278_x173.....	.ugggaacacggggugccga.....	0
Gi2_8368473_x173.....	.gugggaaUacggggugccgaacu.....	1
Gi3_23913853_x173.....	.cgugggaacacggggugccgaUc.....	1
Gi5_6661059_x173.....	.uUggaacacggggugccgaac.....	1
Gi2_8370025_x172.....	.Gggccccgccaguacugcgau.....	1
Gi1a_4693658_x172.....	.ucgugggaacacggggugccgaacu.....	0
Gi3_23929411_x172.....	.ccccgccaguacugcgaucggaga.....	0

Gi3_23931131_x172	.....gccgucaggccccgccagua	.....	0
Gi1_3095076_x172	.....ucguggaacacggggugccga	.....	0
Gi5_6668462_x172	.....cCugggaacacggggugccgaacu	.....	1
Gi3_23936463_x172	.....ggagacgucgugggaacacggggugccgaacu	.....	0
Gi5_6665194_x172	.....gugggaacacAgggugccgaacu	.....	1
Gi2_8373981_x172	.....cccgccaguacugcgauccggaga	.....	0
Gi5_6671547_x171	.....acgucgugggaacacggggugccgaacA	.....	1
Gi2_8385120_x171	.....aguacugcgauccggGgacgucgu	.....	1
Gi3_23948989_x171	.....gucgugggaacacggggugccgaa	.....	0
Gi2_8387514_x171	.....aggccccgccaguacugcgauccggagac	.....	0
Gi2_8386146_x171	.....ggGgacgucgugggaacacggg	.....	1
G1a_4699299_x170	.....gggaacacggggugccgaacA	.....	1
Gi3_23965713_x170	.....gaacacggggugUcgaacu	.....	1
Gi5_6679067_x170	.....gaUcacggggugccgaacu	.....	1
Gi2_8394658_x170	.....gccccgccaguacugcgauccgg	.....	0
Gi3_23971493_x170	.....ucggagacgucgugggaaca	.....	0
Gi2_8394488_x170	.....cgccaguacugcgauccggagacguc	.....	0
Gi3_23985384_x169	.....aagcgccgucaggccccgccagua	.....	0
G1a_4702688_x169	.....gucaggccccgccaguacugc	.....	0
Gi3_23982173_x169	.....ccgucaggccccgccaguacugcg	.....	0
Gi3_23993496_x169	.....gugggaacNcggggugcc	.....	1
Gi3_23991806_x169	.....gagacgucgugggaacacggggugccg	.....	0
Gi3_23995524_x169	.....Gucggagacgucgugggaacacg	.....	1
Gi2_8406832_x168	.....gagaagcgccgucaggccccgccag	.....	0
Gi2_8407000_x168	.....Uaucggagacgucgugggaacacggggg	.....	1
Gi5_6693966_x168	.....ggccccgccaguacugcgaucc	.....	0
Gi5_6698334_x168	.....gUgaacacggggugccgaac	.....	1
Gi2_8410360_x168	.....aguacugcgauccggGgacg	.....	1
Gi2_8417048_x167	.....cggGgacgucgugggaacacggg	.....	1
Gi1_3112149_x167	.....ccaguacugcgauccggaAa	.....	1
Gi3_24017819_x167	.....ggaacGcggggugccgaacu	.....	1
Gi3_24023998_x167	.....acugcgauccggagacgucgu	.....	0
Gi5_6701015_x167	.....ugcgauccggagacgucguggg	.....	0
G1a_4708565_x167	.....acugcgauccggagacguc	.....	0
Gi1_3109978_x167	.....cgCgggaacacggggugccga	.....	1
Gi2_8414376_x167	.....Gacacggggugccgaacu	.....	1
Gi3_24023497_x167	.....gggaacacggggugccgaCc	.....	1
Gi2_8419720_x166	.....acugcgauccggagacgucgugg	.....	0
Gi2_8436452_x165	.....aggccccgNcaguacugcgaucc	.....	1
Gi3_24053806_x165	.....gugggaacacggggugccgaaAu	.....	1
Gi2_8435462_x165	.....aggccccgccaguacugcgaucc	.....	0
Gi3_24051496_x165	.....gugggaacacggggugccgaacuA	.....	1
Gi5_6725660_x164	.....gugggaacacggggugccgCacu	.....	1
Gi2_8444685_x164	.....aUgccccgccaguacugcg	.....	1
Gi3_24066447_x164	.....agagaagcgccgucaggccccgcca	.....	0
Gi3_24064479_x164	.....aagagaagcgccgucaggccccgcca	.....	0
Gi2_8455644_x163	.....agacgucgugggaacacggggugccg	.....	0

Gi2_8468961_x162	.....aUgccccgccaguacugcg.....	1
Gi5_6741788_x162	.....caggccccgccaguacugc.....	0
Gi2_8468799_x162	.....cUgagacgucguggggaacacggggugcc.....	1
Gi5_6740006_x162	.....cgucguggggaacacggggugccga.....	0
Gi2_8476052_x161	.....agagaagcgccgucaggcccc.....	0
Gi1_3133457_x161	.....gagacgucguggggaacacggggugccgaacu.....	0
Gi3_24115087_x161	.....ccaguacugcgauccggagacguc.....	0
Gi1_3136516_x161	.....aucggagacgucguggggaacacgg.....	0
Gi3_24103978_x161	.....acgucguggggaacacggggugccga.....	0
Gi3_24103817_x161	.....gggaacacgggUugccgaacu.....	1
Gi2_8470900_x161	.....agaagcgccgucaggccccgcc.....	0
Gi2_8475086_x161	.....cgccaguacugcgauccggaga.....	0
Gi1_3133296_x161	.....cguggggaacacggggugccgU.....	1
Gi3_24120212_x160	.....cgugggaaacacggggugccgUacu.....	1
Gi1_3138118_x160	.....cgCgggaacacggggugc.....	1
Gi3_24117172_x160	.....agacgucguggggaacacggggugccga.....	0
Gi1_3140198_x160	.....ucguggggaacacggggugccgaacA.....	1
Gi2_8479907_x160	.....aagcgccgucaggccccgccaguacugc.....	0
Gi3_24128212_x160	.....gucguggggaacacggggUa.....	1
Gi3_24123412_x160	ccuuaacucguuccgaau.....	0
Gi2_8492525_x159	.....cgucguggggaacacggggugccgaa.....	0
Gi3_24140486_x159	.....aacacggggAgccgaacu.....	1
Gi1_3141791_x159	.....cgucaggccccgccaguacugcg.....	0
Gi2_8489822_x159	.....gaagcgccgucaggccccgccaguacugc.....	0
Gi2_8496818_x159	.....cgugggaaacacgUggugccgaacu.....	1
Gi3_24147800_x159	.....gaacacggggAgccgaacu.....	1
Gi3_24145415_x159	.....gaagcgccgucaggccccgcc.....	0
Gi2_8501089_x158	.....Uacgucguggggaacacggggugccgaacu.....	1
Gi3_24153188_x158	.....gugggaacacggggugcUgaac.....	1
Gi1_3147341_x158	.....aucggagacgucguggggaacacggggugc.....	0
Gi1_3146551_x158	.....ucguggggaacacggggugccg.....	0
Gi3_24155874_x158	.....Augggaacacggggugcc.....	1
Gi2_8508667_x157	.....gaagagaagcgccgucaggcccc.....	0
Gi3_24172716_x157	.....Ugccccgccaguacugcgaucc.....	1
Gi3_24173187_x157	.....gagacgucguggggaacac.....	0
Gi2_8512749_x157	.....gugggaacNcggggugccgaac.....	1
Gi5_6784945_x157	.....gugggaacacggggugccgaCcu.....	1
Gi5_6786980_x156	.....aUcacggggugccgaacu.....	1
Gi2_8525884_x156	.....cggGgacgucguggggaacacggggugcc.....	1
Gi5_6788696_x156	.....cgucaggccccgccaguacugcg.....	0
Gi5_6789320_x156	.....aagagaagcgccgucaggcccc.....	0
Gi3_24179914_x156	.....gAgaacacggggugccgaacu.....	1
Gi2_8518084_x156	.....aacacgggNugccgaacu.....	1
Gi3_24186778_x156	.....aagcgccgucaggccccgccaguacugc.....	0
Gi4_380000_x156	.....acgucguggggaacacggggugccgaacu.....	0
Gi3_24183814_x156	.....Agggaacacggggugccgaacu.....	1
Gi1_3155480_x155	.....ucaggccccgccaguacugcgaucc.....	0

Gi3_24209927_x155	.....ccgccaguacugcgauccggagacgu.....	0
Gi3_24205432_x155	.....ucgugggaNcaccgggugccgaacu.....	1
Gi3_24221021_x154	.....Ugugggaacacgggugccgaac.....	1
Gi5_6803740_x154	.....ccgucaggccccgccaguacugcg.....	0
Gi3_24221175_x154	.....ucggagacgucgugggaacac.....	0
Gi1a_4751489_x154	.....gaucggagacgucgugggaacacgggu.....	0
Gi3_24212397_x154	.....gagacgucgugggaacacg.....	0
Gi5_6808822_x154	.....aguacugcgauccggagacguc.....	0
Gi3_24223023_x154	.....aagagaagcgccgucaggccccgccagu.....	0
Gi3_24215169_x154	.....ucgugUgaacacgggugccgaacu.....	1
Gi3_24218865_x154	.....ugggaacacgggugccAaacu.....	1
Gi3_24219943_x154	.....Uacacgggugccgaacu.....	1
Gi5_6806050_x154	.....ugcgauccggagacgucguggga.....	0
Gi3_24221637_x154	.....cgccgucaggccccgccaguac.....	0
Gi2_8556120_x153	.....aguacugcgauccggagac.....	0
Gi1a_4755018_x153	.....caguacugcgauccggagacgu.....	0
Gi3_24229013_x153	.....gggaacacgggugccgaacuu.....	0
Gi3_24229472_x153	.....guacugcgauccggagacguc.....	0
Gi5_6811577_x153	.....gGcgugggaacacgggugccgaacu.....	1
Gi2_8568000_x152	.....cgccaguacugcgauccgg.....	0
Gi2_8565872_x152	.....aucggGgacgucguggga.....	1
Gi3_24240636_x152	.....gacgucgugggaacacgg.....	0
Gi3_24251124_x152	.....ggGacacgggugccgaacu.....	1
Gi3_24241700_x152	.....aacacgggugccgCacu.....	1
Gi3_24252340_x152	.....gauccggagacgucgugggaaca.....	0
Gi3_24266412_x151	.....cgccaguacugcgauccggagacgucgug.....	0
Gi3_24261429_x151	.....agcgccgucaggccccgccaguac.....	0
Gi3_24269432_x151	.....gcgccgucaggccccgccagu.....	0
Gi1_3172630_x151	.....Ggugggaacacgggugccgaacu.....	1
Gi3_24287758_x150	.....Uacgucgugggaacacgggugccgaac.....	1
Gi2_8581132_x150	.....cgucaggccccgccaguacug.....	0
Gi3_24279958_x150	.....aggccccgccaguacugcgauccg.....	0
Gi5_6836284_x150	.....uGgugggaacacgggugccgaacu.....	1
Gi2_8583082_x150	.....gaucggagacgucgugggaac.....	0
Gi5_6835084_x150	.....caguacugcgauccggagacguc.....	0
Gi5_6838384_x150	.....aucggagacgucgugggaacacgggg.....	0
Gi3_24287008_x150	.....gaucggagacgucguggg.....	0
Gi3_24285808_x150	.....gugggCacacgggugccgaacu.....	1
Gi3_24294029_x149	.....cgugggaacCgggugccgaacu.....	1
Gi5_6845857_x149	.....gaacacgggCgccgaacu.....	1
Gi2_8589668_x149	.....cgugAgaacacgggugccgaacu.....	1
Gi4_383349_x149	.....gggaacacgggugccgaacu.....	0
Gi3_24302224_x149	.....gugggaacacgggguAccgaac.....	1
Gi2_8606742_x148	.....gugggaacacgggugUcgaacu.....	1
Gi2_8606002_x148	.....caguacugcgauccggGgacgu.....	1
Gi3_24311710_x148	.....ucgugggaacacgggugccgCacu.....	1
Gi3_24308158_x148	.....Ccaggccccgccaguacugc.....	1

Gi2_8599786_x148	.....cgucgugggaacacggggug.....	0
Gi5_6862596_x147	.....cAugggaacacggggugccgaacu.....	1
Gi5_6860391_x147	.....cgucgugggaacacggggugcc.....	0
Gi2_8617489_x147	.....ccccgccaguacugcgauccggagac.....	0
Gi3_24328247_x147	.....cgauccggagacgucgugggaacacgggggu.....	0
Gi3_24333833_x147	.....aguacugcgauccggagacgu.....	0
Gi2_8617342_x147	.....Ggugggaacacggggugccgaac.....	1
Gi2_8625387_x146	.....gugggaacacggggAgccgaacu.....	1
Gi3_24340862_x146	.....gccaguacugcgauccggagacg.....	0
Gi3_24349184_x146	.....ggaacacggggugccgaGcu.....	1
Gi2_8622029_x146	.....aucggagacgucgugggaa.....	0
Gi5_6868915_x146	.....gagaagcgccgucaggccccgc.....	0
Gi5_6883903_x145	.....gauccggagacgucgugggaacacgg.....	0
Gi3_24367915_x145	.....aguacugcgauccggagacgucgu.....	0
Gi2_8634117_x145	.....ccgucaggccccgccaguacugcgau.....	0
Gi5_6877088_x145	.....cacggggugccgaacu.....	0
Gi1_3195581_x145	.....acgucgugggaacacggggugccgaacA.....	1
Gi1_3194131_x145	.....aucggagacgucgCgggaaca.....	1
Gi2_8648420_x144	.....caguacugcgauccggagacgucg.....	0
Gi3_24387219_x144	.....ggaGcacggggugccgaac.....	1
Gi3_24378003_x144	.....ugggGacacggggugccgaac.....	1
Gi2_8642804_x144	.....aguacugcgauccggagacgucg.....	0
Gi3_24377427_x144	.....gccaguacugcgauccggagac.....	0
Gi1_3206809_x143	.....gacgucgugggaacacggggugcc.....	0
Gi5_6896006_x143	.....ugggGacacggggugccgaacu.....	1
Gi4_387142_x143	.....gccaguacugcgauccggagacguc.....	0
Gi2_8662464_x143	.....gaagcgccgucaggccccgccag.....	0
Gi1_4791376_x143	.....caguacugcgauccggagac.....	0
Gi3_24437223_x141	.....cgugggaacacggggAugccgaacu.....	1
Gi2_8679762_x141	.....ggaacacggggCgccgaacu.....	1
Gi1_3211781_x141	.....guacugcgauccggagacgucg.....	0
Gi2_8680326_x141	.....cUugggaacacggggugc.....	1
Gi3_24440593_x140	.....ggaacacggggugccgaGc.....	1
Gi2_8683567_x140	.....uacugcgauccggagacgucgug.....	0
Gi1_3220917_x140	.....gucgugggaacacggggugccgaac.....	0
Gi3_24451933_x140	.....gaacacgAggugccgaacu.....	1
Gi2_8691407_x140	.....caguacugcgauccggagacgucgu.....	0
Gi3_24447873_x140	.....cgugggaacacggggugccgaGc.....	1
Gi3_24463223_x139	.....agagaagcgccgucaggcc.....	0
Gi5_6936430_x139	.....gccccgccaguacugcgau.....	0
Gi3_24470312_x139	.....ccccgccaguacugcgauccggag.....	0
Gi1_4804631_x139	.....caguacugcgauccggagacgucg.....	0
Gi3_24457246_x139	.....gagaagcgccgucaggcccc.....	0
Gi1_4808926_x138	.....aucggagacgucgugggaacacggggugc.....	0
Gi3_24487865_x138	.....aggccccgccaguaUugcgau.....	1
Gi3_24481241_x138	.....cgugggaacacggggugccgaacuA.....	1
Gi1_3228266_x138	.....gugggaacacggggugccgaacAu.....	1

Gi3_24474755_x138	.....cgaucggagacgucgugggaaacacggg.....	0
Gi5_6944862_x138	.....gacgucgugggaaacacggggugccgaac.....	0
Gi3_24474203_x138	.....cgccaguacugcgauccgaga.....	0
Gi2_8720316_x137	.....Cgaacacggggugccgaacu.....	1
Gi3_24493911_x137	.....uggaacaacggggugccgGacu.....	1
Gi3_24498432_x137	.....ggagacgucgugggaaaca.....	0
Gi2_8724426_x137	.....cgugggaaacacggggugcUgaacu.....	1
Gi2_8726609_x136	.....Uucgugggaaacacggggugcc.....	1
Gi3_24520676_x136	.....agaagcgccgucaggccccgc.....	0
Gi3_24511428_x136	.....gCaacacggggugccgaacu.....	1
Gi3_24511564_x136	.....gggaacacggggugccgCac.....	1
Gi2_8739376_x135	.....ggccccgccaguacugcga.....	0
Gi1_3238370_x135	.....gucgugggaaacacggggug.....	0
G1a_4820247_x135	.....gaucggagacgucgugggga.....	0
Gi3_24532584_x135	.....cgAgggaacacggggugccgaac.....	1
Gi3_24533529_x135	.....uggaacaacggggUugccgaacu.....	1
Gi3_24545112_x134	.....Ggucgugggaaacacggggugccgaacu.....	1
Gi5_6975048_x134	.....Uugggaacaacggggugccga.....	1
Gi5_6973574_x134	.....agacgucgugggaaacacggggugcc.....	0
Gi5_6974914_x134	.....aucggagacgucgugggaaacac.....	0
Gi2_8751502_x134	.....ggGgacgucgugggaaacacggggug.....	1
Gi3_24557440_x134	.....cugcgauccgagacgucg.....	0
Gi3_24546720_x134	.....cgucaggccccgccagua.....	0
Gi2_8748554_x134	.....gugggaacaacggggGgccgaac.....	1
G1a_4823877_x134	.....gaucggagacgucgugggg.....	0
Gi5_6976522_x134	.....gaucggagacgucgugggaaacacggg.....	0
Gi3_24546988_x134	.....guUggaacaacggggugcc.....	1
Gi3_24551946_x134	.....Cggaacaacggggugccgaac.....	1
Gi2_8759938_x133	.....Uucaggccccgccaguacugc.....	1
Gi4_394652_x133	.....gagaagcgccgucaggcc.....	0
Gi2_8767652_x133	.....gccccgccaguacugcgau.....	0
Gi2_8761135_x133	.....cgccaguacugcgauccgagacg.....	0
G1a_4830645_x132	.....caggccccgccaguacugc.....	0
Gi2_8776771_x132	.....Augggaacaacggggugccgaac.....	1
Gi3_24591938_x132	.....gugggaacaacggggCgcc.....	1
Gi2_8772811_x132	.....ucggagacgucgugggaaacacggggu.....	0
Gi5_6992079_x132	.....gugggaacaacggggUaccgaacu.....	1
Gi2_8774263_x132	.....ucggGgacgucgugggaa.....	1
Gi1_3251485_x132	.....gaucggagacgucgugggaaacac.....	0
G1a_4833271_x131	.....aagagaagcgccgucaggccc.....	0
Gi3_24612667_x131	.....ucggagacgucgugggaaacacgg.....	0
Gi2_8782821_x131	.....cguAggaaacaacggggugccgaacu.....	1
Gi2_8785834_x131	.....cgccgucaggccccgccagua.....	0
Gi2_8783607_x131	.....gaucggagacgucgugggaaacacgg.....	0
G1a_4837317_x130	.....aucggagacgucgugggaaacacggggug.....	0
Gi2_8798879_x130	.....agacgucgugggaaacacggggugccgaac.....	0
Gi5_7007422_x130	.....aacacggggugccgaacu.....	0

Gi2_8798489_x130.....	.ccgccaguacugcgauccggagacg.....	0
Gi3_24622685_x130.....	.....gugggaacacggggugccgaUcu.....	1
Gi2_8797839_x130.....	.....guacugcgauccggagacgucg.....	0
Gi2_8811029_x129.....	.....cUucgugggaacacggggugcc.....	1
Gi3_24635002_x129.....	.....uCggaacacggggugccga.....	1
Gi5_7021922_x129.....	.....ggaacacgNggugccgaacu.....	1
Gi3_24645064_x129.....	.....cgucaggccccgccaguacugcgauccg.....	0
Gi2_8808449_x129.....	.....gGgggaacacggggugccgaa.....	1
Gi2_8810900_x129.....	.....Uccccgccaguacugcgaucc.....	1
Gi5_7015988_x129.....	.....uCggaacacggggugccgaacu.....	1
Gi3_24632551_x129.....	.....Uaucggagacgucgugggaacacg.....	1
Gi5_7018439_x129.....	.....cUugggaacacggggugccgaac.....	1
Gi3_24630745_x129.....	.....cggagacgucgugggaacacggggugc.....	0
Gi2_8815012_x128.....	.....Aaacacggggugccgaacu.....	1
Gi2_8816548_x128.....	.....gGgacgucgugggaacac.....	1
Gi5_7025917_x128.....	.....Agaacacggggugccgaacu.....	1
Gi1a_4847247_x128.....	.....aguacugcgauccggagacgucgu.....	0
Gi1a_4847887_x128.....	.....ccaguacugcgauccggagacguc.....	0
Gi2_8820644_x128.....	.....cggagacgucgugggaacac.....	0
Gi2_8819236_x128.....	.....guacugcgauccggagacgu.....	0
Gi2_8818852_x128.....	.....cgugggaacaUggggugccgaacu.....	1
Gi3_24663904_x128.....	.....agacgucgugggaacacggggugccgaacA.....	1
Gi3_24674962_x127.....	.....ccgucaggccccgccaguac.....	0
Gi2_8827015_x127.....	.....ccccgccaguacugcgauccgga.....	0
Gi5_7042880_x127.....	.....gacgucgugggaacacggggugccgaacA.....	1
Gi3_24666707_x127.....	.....ccccccaguacugcgauccggagacgucgug.....	0
Gi2_8826761_x127.....	.....cgauccggagacgucguggga.....	0
Gi3_24678010_x127.....	.....gcgauccggagacgucgug.....	0
Gi3_24672803_x127.....	.....gggaacacggggguAccgaacu.....	1
Gi3_24678899_x127.....	.....gUaacacggggugccgaa.....	1
Gi1_3273515_x127.....	.....gccgucaggccccgccaguacu.....	0
Gi5_7045787_x126.....	.....Uaacacggggugccgaac.....	1
Gi5_7050449_x126.....	.....ucgugggaacacggggugcc.....	0
Gi2_8846754_x126.....	.....agagaagcgccgucaggccccgc.....	0
Gi3_24694912_x126.....	.....gugggaacGcggggugcc.....	1
Gi3_24684202_x126.....	.....ucgugggaacacggggCgcccgaacu.....	1
Gi1_3276686_x126.....	.....gacgucgCgggaacacgggg.....	1
Gi2_8843856_x126.....	.....gugggaacacggggugcAgaacu.....	1
Gi3_24684454_x126.....	.....Ccgugggaacacggggugccgaac.....	1
Gi3_24698053_x125.....	.....gacgucgugggaacacgggg.....	0
Gi3_24700053_x125.....	.....acgucgugggaacacggggugccgaa.....	0
Gi2_8860137_x125.....	.....gccaguacugcgauccgga.....	0
Gi5_7054093_x125.....	.....Cgggaacacggggugccgaacu.....	1
Gi3_24704303_x125.....	.....aggccccccaguacugcgauccggagac.....	0
Gi3_24698928_x125.....	.....cgugggCacacggggugccgaacu.....	1
Gi2_8852512_x125.....	.....uGgugggaacacggggugccgaacu.....	1
Gi2_8860512_x125.....	.....ucggGgacgucgugggaacacggggugc.....	1

Gi3_24697803_x125.....	gUccccgccaguacugcgauC.....	1
Gi1_3280844_x125.....	cgucgugggaacacggggugccgaacA.....	1
Gi1_3283969_x125.....	Ugaacacggggugccgaac.....	1
Gl1a_4859632_x125.....	ggccccgccaguacugcgauC.....	0
Gi5_7067804_x124.....	uAggaacacggggugccgaacu.....	1
Gi2_8866467_x124.....	Uaucgggagacgucgugggaacacggg.....	1
Gi5_7063836_x124.....	ugggaacGcggggugccgaacu.....	1
Gi2_8865103_x124.....	aggccccgccaguacugcgGuc.....	1
Gi3_24728070_x124.....	ggGacacggggugccgaac.....	1
Gi2_8860887_x124.....	agagaagcgccgucaggccccgcc.....	0
Gi3_24724102_x124.....	cgugggaacacggggAgccgaacu.....	1
Gi2_8864235_x124.....	aucggGgacgucgugggaacacggggug.....	1
Gi1_3286835_x124.....	cgccaguacugcgauCggaga.....	0
Gi2_8861383_x124.....	cgugggaacacgAggugccgaacu.....	1
Gi3_24714926_x124.....	UccccgccaguacugcgauC.....	1
Gi3_24729310_x124.....	ggaacacggggugccgaUc.....	1
Gi3_24735598_x123.....	ugAgaacacggggugccgaacu.....	1
Gi3_24740518_x123.....	gucgugggaacacggggugccgCacu.....	1
Gi3_24742732_x123.....	gCggaacacggggugccgaa.....	1
Gi3_24741871_x123.....	cgucgugggaacacggggg.....	0
Gi5_7080021_x123.....	Caacacggggugccgaacu.....	1
Gi5_7092496_x122.....	aggccccgccaguacugcga.....	0
Gi1_3294845_x122.....	gaacacggggugccgaacu.....	0
Gi2_8890083_x122.....	cgugggaacacggggugccAaacu.....	1
Gi2_8893621_x122.....	aagcgccgucaggccccgccaguac.....	0
Gi2_8892035_x122.....	ucgugggaacacggggugcc.....	0
Gi5_7087128_x122.....	gggaacacggggCgccgaacu.....	1
Gl1a_4867154_x122.....	aucgggagacgucgugggaacacggggugcc.....	0
Gi3_24753393_x122.....	gugggaacNcggggugccga.....	1
Gi5_7086884_x122.....	gaucgggagacgucgugggaacac.....	0
Gi2_8903927_x121.....	gaacacggNgugccgaacu.....	1
Gl1a_4873352_x121.....	gUgaacacggggugccgaacu.....	1
Gi5_7097702_x121.....	guggAaacacggggugccgaacu.....	1
Gi3_24770900_x121.....	gagaagcgccgucaggccccgccag.....	0
Gi3_24781886_x120.....	aUgccccgccaguacugcgau.....	1
Gi1_3304766_x120.....	acgucgCgggaacacggggugc.....	1
Gi5_7105063_x120.....	gugggaacaUggggugccgaacu.....	1
Gi2_8915106_x120.....	gaucggGgacgucguggga.....	1
Gi3_24789086_x120.....	ggUaacacggggugccgaac.....	1
Gi2_8907546_x120.....	cgugggaacacggggugUcgaacu.....	1
Gi3_24801039_x119.....	Gucgggagacgucgugggaacacggggg.....	1
Gi3_24808060_x119.....	gugggaacUcggggugccgaacu.....	1
Gi5_7119297_x119.....	ugggaacacggggCgccgaacu.....	1
Gi3_24796398_x119.....	gCaacacggggugccgaac.....	1
Gi3_24802586_x119.....	guUgugggaacacggggugccgaacu.....	1
Gi2_8940131_x118.....	cgugggaCcacggggugccgaacu.....	1
Gi2_8929511_x118.....	gugggaacacggggugccgaaUu.....	1

Gi1_3312863_x118.....	ugggaacacggggugccg.....	0
Gi5_7124289_x118.....	gaucggagacgucguggaacaacg.....	0
Gi2_8934113_x118.....	gucaggccccgccaguacugcgau.....	0
Gi3_24828520_x118.....	.....	1
Gi3_24826514_x118.....	gaagagaagcggcucaggccccgccag.....	0
Gi2_8934349_x118.....	.....	1
Gi2_8941901_x118.....	ugcgaucggGgacgucgug.....	1
Gi5_7127947_x118.....	.....	1
Gi5_7124171_x118.....	.....	1
Gi2_8939069_x118.....	cgaucggagacgucgugggaacaacg.....	0
Gi5_7126413_x118.....	.....	1
Gi2_8935883_x118.....	.....	1
Gi2_8952902_x117.....	gUagacgucgugggaacacggggugcc.....	1
Gi3_24840471_x117.....	.....	1
Gi2_8944010_x117.....	cgagacgucgugggaacacggggug.....	0
Gi3_24839769_x117.....	aucggagacgucgugggaacacggggug.....	0
Gi2_8950913_x117.....	Uucgugggaacacggggugccgaac.....	1
Gi5_7131014_x117.....	gugggaacacggggugccAaacu.....	1
Gi2_8954774_x117.....	gugggaacacggggugccgaGc.....	1
Gi2_8952317_x117.....	guacugcgaucggagacguc.....	0
Gi2_8948690_x117.....	Agugggaacacggggugccgaacu.....	1
Gi3_24858393_x116.....	.....	1
Gi2_8961159_x116.....	gugggUacacggggugccgaacu.....	1
Gi3_24854101_x116.....	gugggaacacggggugccgaacuu.....	0
Gi2_8965799_x116.....	cUucgugggaacacggggugccg.....	1
Gi5_7144314_x116.....	ugggaacacggggugccgaacuu.....	0
Gl1a_4893984_x115.....	ugcgaucggagacgucgu.....	0
Gi3_24868915_x115.....	ucaggccccgccaguacugcgaucgga.....	0
Gi3_24881105_x115.....	gucaggccccgccaguacugcgaucgg.....	0
Gi5_7153437_x115.....	.....	1
Gi2_8972591_x115.....	ugcgaucggagacgucgugggaaca.....	0
Gi2_8968221_x115.....	.....	1
Gi1_3328227_x115.....	.....	1
Gi3_24878460_x115.....	cgugggaacUcggggugccgaacu.....	1
Gi3_24875700_x115.....	guacugcgaucggagacgu.....	0
Gi3_24877885_x115.....	.....	1
Gi2_8985868_x114.....	.....	1
Gi3_24894705_x114.....	gCgggaacacggggugccga.....	1
Gi3_24896415_x114.....	gucgugggaacacggggCgccaacu.....	1
Gi5_7167498_x114.....	gugggaacacggggugccGacu.....	1
Gi1_3328686_x114.....	cgagacgucCgggaacacggggugcc.....	1
Gi3_24892653_x114.....	Gucggagacgucgugggaacaacggg.....	1
Gi3_24900732_x113.....	.....	1
Gi5_7174512_x113.....	gugggaacacggggugcUgaacu.....	1
Gi2_9000585_x113.....	gugggaacacggggugccGacu.....	0
Gi2_8994935_x113.....	ggagacgucgugggaacaacg.....	0
Gl1a_4902897_x113.....	aucgggagacgucgugggaacaacg.....	0

Gi3_24905704_x113	.....cUucgugggaacacggggugccg	1
Gi3_24912371_x113	.....gagacgucgugggaacacggggugcc	0
G1a_4903123_x113	.....gaacacggggugccgaac	0
Gi2_9002275_x112	.....gugggaacacggggugAcgaacu	1
Gi2_9001939_x112	.....ucaggccccgccaguacug	0
Gi3_24919826_x112	.....cgugggaacacggggugccgaCc	1
Gi2_9008435_x112	.....Ggacgucgugggaacacggggugcc	1
Gi3_24935058_x112	.....gggaacacggggCgccgaac	1
G1a_4907071_x112	.....Augggaacacggggugccgaacu	1
Gi5_7179115_x112	.....caggccccgccaguacugcga	0
Gi2_9002499_x112	.....cgugggaaNacggggugccgaac	1
Gi1_3345348_x111	.....gaucggagacgucGgggaacacgg	1
Gi1_3345459_x111	.....ucggagacgucgugggaacacggggugcc	0
Gi2_9024915_x111	.....cgaucggagacgucgugggaaca	0
G1a_4913099_x111	.....gugggaacacggggugccgaa	0
Gi3_24952936_x111	.....ugggaacaUggggugccgaacu	1
Gi1_3345237_x111	.....aacacgggNugccgaacu	1
Gi5_7192613_x111	.....acgucgugggaacacggggugcc	0
Gi2_9023805_x111	.....aagagaagcgccgucaggccccgcc	0
Gi2_9028023_x111	.....cUugggaacacggggugccga	1
Gi2_9016701_x111	.....aggccccgccaguacugcgauccggagacguc	0
Gi5_7192724_x111	.....cgugggaacacgUggugccgaacu	1
Gi3_24952381_x111	.....aacacggggugccAaacu	1
Gi2_9023361_x111	.....gggaacacggggugccgCacu	1
Gi1_3346234_x110	.....ugggaacacggggugccgCacu	1
Gi2_9039576_x110	.....cgucgugggaacacggggugccgaacA	1
Gi2_9038696_x110	.....gUccccgccaguacugcgauc	1
Gi5_7202323_x110	.....gaagcgccgucaggccccgccagua	0
Gi1_3347334_x110	.....gaucggagacgucguggg	0
Gi3_24965812_x110	.....ugUgaacacggggugccgaac	1
Gi2_9039686_x109	.....ggUacacggggugccgaac	1
Gi3_24984387_x109	.....gugggaacaAggggugccgaacu	1
Gi5_7212368_x109	.....aggccccgccaguacugc	0
Gi3_24976103_x109	.....Gggccccgccaguacugc	1
Gi1_3354560_x109	.....gugggaacNcggggugccgaacu	1
Gi2_9045245_x109	.....gccaguacugcgauccggaga	0
Gi2_9042956_x109	.....gugggaacacggggugccgaaAu	1
Gi3_24977411_x109	.....agagaagcgccgucaggcccc	0
Gi3_24984278_x109	.....caggccccgccaguacugcgauccga	0
Gi3_24977738_x109	.....gucgugggaacacggggug	0
Gi2_9051458_x109	.....cgaucggagacgucgugggaacacggggug	0
Gi5_7214765_x108	.....ugggaacacggggugccgaGcu	1
Gi2_9060966_x108	.....gugggaacacggggCgccgaac	1
Gi3_24998367_x108	.....ggagacgucgugggaacacggggugccgaac	0
G1a_4927650_x108	.....cgucgugggaacacggggugccgaacu	0
Gi3_24996639_x108	.....cgugggGacacggggugccgaac	1
Gi1_3356292_x108	.....Cgggaacacggggugccga	1

Gi3_24999015_x108	.....ggagacgucgugggaaacacgg.....	0
Gi3_24996855_x108	.....aUacgucgugggaaacacggggugccgaacu.....	1
Gi5_7230912_x107	.....cgugggaaacacggggugccg.....	0
Gi5_7228130_x107	.....gggaacacggggugccgaCcu.....	1
Gi3_25016832_x107	.....cgccagucgucggaucgg.....	0
Gi2_9074254_x107	.....gugggGacacggggugccgaac.....	1
Gi1a_4931723_x107	.....aucggagacgucgugggaaacacgg.....	0
Gi1_3360376_x107	.....Augggaaacacggggugccgaacu.....	1
Gi3_25006346_x107	.....ggaacacggggugccgGacu.....	1
Gi2_9063875_x107	.....acgucgugggaaacacggg.....	0
Gi3_25038824_x106	.....ggaacGcggggugccgaac.....	1
Gi2_9084648_x106	.....ggagacgucgugggaaacacggggugccg.....	0
Gi3_25023348_x106	.....agagaagcggcucaggg.....	0
Gi2_9083588_x106	.....gacgucgugggaaacacggg.....	0
Gi3_25032570_x106	.....gaucggagacgucguggg.....	0
Gi3_25026316_x106	.....ccgccagucgucggaucggagacg.....	0
Gi1_3368784_x106	.....ggaacacggggugccgaa.....	0
Gi5_7243890_x106	.....Uacgucgugggaaacacggggugccgaacu.....	1
Gi3_25026846_x106	.....cggagacgucgugggaaacacgg.....	0
Gi1a_4935758_x106	.....aucggagacgucgugggaa.....	0
Gi3_25041781_x105	.....agUccccgccagucgucggauc.....	1
Gi3_25049656_x105	.....Cgggaacacggggugccgaac.....	1
Gi5_7254299_x105	.....ccgccagucgucggaucggaga.....	0
Gi1a_4939762_x105	.....gucaggccccgccagucgucgga.....	0
Gi5_7254194_x105	.....cgucgugggaaacacggggugccgaa.....	0
Gi2_9092127_x105	.....caggccccgccagucgucggaucgg.....	0
Gi2_9104349_x104	.....ggaacacggggugccgGacu.....	1
Gi3_25070429_x104	.....gCgggaacacggggugcc.....	1
Gi3_25063253_x104	.....cgugggaaacacggggugAcgaacu.....	1
Gi3_25075837_x104	.....ugggaacacggggCgccgaac.....	1
Gi5_7257745_x104	.....Aggaacacggggugccgaacu.....	1
Gi2_9100189_x104	.....ccccgccagucgucggaucggaga.....	0
Gi2_9101229_x104	.....cgugggaaacacgggguaAccgaacu.....	1
Gi5_7256497_x104	.....gaacGcggggugccgaacu.....	1
Gi5_7260761_x104	.....Uugggaacacggggugcc.....	1
Gi3_25073965_x104	.....gggaacacggggugccgaGc.....	1
Gi2_9107781_x104	.....gCgggaacacggggugccgaac.....	1
Gi1_3379019_x103	.....gggaacacggggugccgaac.....	0
Gi5_7271213_x103	.....gggaacacNgggugccgaacu.....	1
Gi5_7272140_x103	.....caggccccgccagucgucggauc.....	0
Gi1_3381182_x103	.....cgucgugggaaacacggggugccgaac.....	0
Gi3_25090890_x103	.....cgaucggagacgucgugggaaacacgg.....	0
Gi4_416893_x103	.....aacacggggugccgaacu.....	0
Gi5_7266372_x103	.....aucggagacgucgugggaaaca.....	0
Gi5_7268432_x103	.....aacacggggugccgGacu.....	1
Gi2_9116040_x103	.....gugggaacacgggAugccgaacu.....	1
Gi5_7270286_x103	.....gaacacggggugccgaGcu.....	1

Gi5_7273479_x103	.....gugggaacacggUgugccgaacu.....	1
Gi2_9118409_x103	.....ggaacacgNggugccgaac.....	1
Gi5_7286260_x102	.....cgugggaCcacggggugccgaacu.....	1
Gi3_25101257_x102	.....Uucgugggaacacggggugcc.....	1
Gi3_25107173_x102	.....cUucaggccccgccaguacugcg.....	1
Gi2_9130047_x102	.....cgugggaacacggggugccgaaAu.....	1
Gi2_9124845_x102	.....gugggaacacggggGgcc.....	1
Gi2_9128415_x102	.....Cugggaacacggggugccgaac.....	1
Gi2_9124437_x102	.....cgaucggGgacgucgugggaaca.....	1
Gi2_9121173_x102	.....acgucgugggaacacggggugccg.....	0
Gi4_417304_x102	.....cgucaggccccgccaguacugc.....	0
Gi2_9127293_x102	.....agagaagcgccgucaggccccgccag.....	0
Gi3_25112579_x102	.....gaagcgccgucaggccccgccaguac.....	0
Gi2_9123621_x102	.....cguggAaacacggggugccgaacu.....	1
Gi5_7286464_x102	.....cgugggaacacggggugccAaacu.....	1
Gi2_9129129_x102	.....ucgggagacgucgugggaacacgggg.....	0
Gi5_7296876_x101	.....aUacgucgugggaacacggggugccgaacu.....	1
Gl1a_4957453_x101	.....aagagaagcgccgucaggccccg.....	0
Gi5_7291018_x101	.....cgccaguacugcgacggagacgu.....	0
Gi3_25120798_x101	.....cgugggaGcacggggugccgaac.....	1
Gi5_7290816_x101	.....ugggaGcacggggugccgaacu.....	1
Gi1_3390755_x101	.....acgucgCgggaacacggggugccga.....	1
Gi3_25137826_x100	.....ugggaacGcggggugccgaac.....	1
Gi1_3393764_x100	.....gacgucgCgggaacacggggugcc.....	1
Gi2_9146674_x100	.....uAggaacacggggugccgaacu.....	1
Gi1_3395764_x100	.....ugggaacaNggggugccgaacu.....	1
Gi2_9146974_x100	.....gucaggccccgccaguacugcgauc.....	0
Gi1_3394164_x100	.....aaUacggggugccgaacu.....	1
Gi2_9149174_x100	.....gugggaacGcggggugccgaac.....	1
Gi1_3395564_x100	.....ucgggagacgucgugggaacacggg.....	0
Gi3_25138426_x100	.....gugggaacacgAggugccgaac.....	1
Gi2_9143574_x100	.....Uaucgggagacgucgugggaacac.....	1
Gi3_25144526_x100	.....ggccccgccaguacugcgaucggagac.....	0
Gi3_25138926_x100	.....gaaacgggAugccgaacu.....	1
Gi2_9153574_x100	.....gggagacgucgugggaacacgggg.....	0
Gi2_9153174_x100	.....cgaucgggagacgucgugggaacacggggugc.....	0
Gl1a_4969722_x99	.....gggaacacggggugccgaa.....	0
Gi2_9161106_x99	.....cggGgacgucgugggaaca.....	1
Gi1_3396864_x99	.....aucgggagacgucgugggaacacgggg.....	0
Gi2_9158928_x99	.....ggaacGcggggugccgaacu.....	1
Gi2_9165462_x99	.....gGgacgucgugggaacacgggg.....	1
Gi2_9164670_x99	.....Uacgucgugggaacacggggugcc.....	1
Gi5_7316708_x99	.....cgugggaacacggggugcUgaacu.....	1
Gi3_25160022_x99	.....ugggaacacggggugccgaCcu.....	1
Gi3_25150716_x99	.....ggaacacggggugccgGac.....	1
Gi5_7313342_x99	.....gUaacacggggugccgaac.....	1
Gi1_3398052_x99	.....uGgugggaacacggggugccgaacu.....	1

Gi1a_4964772_x99.....	ggagacgucgugggaacacggggugcc.....	0
Gi1_3399141_x99.....	gaacacgNgugccgaacu.....	1
Gi2_9157344_x99.....	ccccgccaguacugcgauccggag.....	0
Gi2_9168996_x98.....	ugcgauccggagacgucgugggaacacg.....	0
Gi5_7324670_x98.....	aacacggggAgccgaacu.....	1
Gi3_25183907_x98.....	Caucggagacgucgugggaacacggggu.....	1
Gi3_25171559_x98.....	ccgccaguacugcgauccggagacgucgug.....	0
Gi2_9170368_x98.....	gcgauccggagacgucguggga.....	0
Gi5_7324474_x98.....	ccgccaguacugcgauccggagacg.....	0
Gi5_7321534_x98.....	ugUgaacacggggugccgaacu.....	1
Gi3_25181163_x98.....	aacacggggGgccgaacu.....	1
Gi2_9171642_x98.....	aucggGgacgucgugggaacacgggg.....	1
Gi2_9178306_x98.....	gcgauccggagacgucgugggaacac.....	0
Gi2_9178992_x98.....	ccgccaguacugcgauccggagacguc.....	0
Gi3_25184884_x97.....	ccgccaguacugcgauccggag.....	0
Gi5_7329464_x97.....	acgucgugggaacacggggugccg.....	0
Gi5_7329949_x97.....	ccaguacugcgauccggagacgu.....	0
Gi2_9182592_x97.....	aUacgucgugggaacacggggugcc.....	1
Gi2_9188024_x97.....	aacacggggCgccgaacu.....	1
Gi2_9181428_x97.....	Gcgugggaacacggggugccgaac.....	1
Gi3_25184787_x97.....	cgucgugggaacacggggGgccgaacu.....	1
Gi5_7332277_x97.....	aagagaagcgccgucagggccccgcca.....	0
Gi1_3409604_x97.....	cggagacgucgugggaacacggggugc.....	0
Gi3_25197979_x97.....	uCggaacacggggugccgaac.....	1
Gi3_25208656_x96.....	cgucagggccccgccaguacu.....	0
Gi3_25202800_x96.....	ggaacacggggGgccgaacu.....	1
Gi3_25206736_x96.....	gggaacacAgggugccgaacu.....	1
Gi3_25216144_x96.....	Ggggaacacggggugccg.....	1
Gi1a_4984567_x96.....	aggccccgccaguacugc.....	0
Gi2_9194393_x96.....	gggaGcacggggugccgaacu.....	1
Gi2_9199769_x96.....	gaacacggggCgccgaacu.....	1
Gi3_25207312_x96.....	aggccccgccaAuacugcgaucc.....	1
Gi3_25200688_x96.....	gucgugggaacacggggGgccgaacu.....	1
Gi3_25200880_x96.....	ggccccgccaguacugcgauccgg.....	0
Gi2_9196025_x96.....	Ugagacgucgugggaacacggggugc.....	1
Gi2_9214736_x95.....	Cggaacacggggugccgaacu.....	1
Gi1_3419378_x95.....	agacgucgugggaacacggg.....	0
Gi3_25229369_x95.....	gucgugggNacacggggugccgaacu.....	1
Gi5_7352631_x95.....	ccccgccaguacugcgauccggagacg.....	0
Gi3_25234214_x95.....	cgucgugggaacacggggug.....	0
Gi3_25221199_x95.....	ugggaacacggggugcAgaacu.....	1
Gi5_7357951_x95.....	cgugAgaacacggggugccgaacu.....	1
Gi2_9206281_x95.....	ugcgauccggagacgucguggga.....	0
Gi3_25234974_x95.....	gucgCgggaacacggggugccgaac.....	1
Gi2_9213786_x95.....	gggaacacggggCgccgaacu.....	1
Gi5_7355196_x95.....	Uugggaacacggggugccgaa.....	1
Gi5_7358901_x95.....	aacacAggggugccgaacu.....	1

Gi3_25219299_x95.....cUgagacgucgugggaacacggggugcc..... 1
 Gi1_3416338_x95.....gccaguacugcgauccggagacg..... 0
 Gi2_9206376_x95.....ugggaGcacggggugccgaacu..... 1
 Gi5_7368396_x94.....ucgugggaacacggggugccgaacA..... 1
 Gi1_3424573_x94.....Uugggaacacggggugcc..... 1
 Gi3_25236959_x94.....agacgucgugggaacacgggg..... 0
 Gi2_9222733_x94.....cgggagacgucgugggaacacg..... 0
 Gi3_25247017_x94.....Uaucggagacgucgugggaacac..... 1
 Gi2_9224331_x94.....cgccgucagggcccgcaguc..... 0
 Gi2_9217375_x94.....cUugggaacacggggugccgaa..... 1
 Gi2_9221041_x94.....ucgugggaacacggggGgccgaacu..... 1
 Gi2_9220665_x94.....agacgucgugggaacacggggug..... 0
 Gi1_3422035_x94.....gagacgucgugggaacacggggugcc..... 0
 Gi5_7371216_x94.....gugggaacacgAggugccgaacu..... 1
 Gl1a_4994118_x94.....ucgugggaacacggggugccgaac..... 0
 Gi3_25243351_x94.....gccaguacugcgauccggag..... 0
 Gi1_3425983_x94.....ggagacgucGgggaacacggggugcc..... 1
 Gi1_3426829_x94.....gagacgucGgggaacacggggugccgaacu..... 1
 Gi3_25247111_x94.....Augggaacacggggugccg..... 1
 Gi3_25247675_x94.....Gcgucgugggaacacggggugccgaacu..... 1
 Gi3_25246547_x94.....ucgggagacgucgugggaacacggggugc..... 0
 Gi2_9232999_x93.....ugcgauccggGgacgucguggga..... 1
 Gi3_25272301_x93.....ugcgauccgggagacgucgugggaaca..... 0
 Gi5_7371404_x93.....gugggaacacggAgugccgaacu..... 1
 Gi3_25271743_x93.....ugggaacCcggggugccgaacu..... 1
 Gi3_25256770_x93.....gugAgaacacggggugccgaac..... 1
 Gi2_9231976_x93.....Uaucgggagacgucguggga..... 1
 Gi1_3427673_x93.....cgugggaaNacggggugccgaacu..... 1
 Gi3_25256584_x93.....cUucaggccccgcagucguc..... 1
 Gi5_7377542_x93.....gugAgaacacggggugccgaacu..... 1
 Gi2_9232069_x93.....acgucgugggaacacggggu..... 0
 Gi3_25269604_x93.....guggAaacacggggugccgaac..... 1
 Gi3_25273603_x93.....ggaacacAgggugccgaacu..... 1
 Gl1a_4994959_x93.....gugggaacNcggggugccgaacu..... 1
 Gi3_25255003_x93.....aggccccgcagucgucgucgagga..... 0
 Gi3_25257700_x93.....ugggaacacggggugUcgaacu..... 1
 Gi2_9231046_x93.....Ggacgucgugggaacacg..... 1
 Gi1_3430649_x93.....gucgCgggaacacggggugccg..... 1
 Gi3_25281059_x92.....uUgugggaacacggggugccgaacu..... 1
 Gi5_7387252_x92.....acgucgugggaacacggggugccga..... 0
 Gi2_9245464_x92.....cgccgucagggcccgcaguc..... 0
 Gi3_25274987_x92.....gaacacggggugcAgaacu..... 1
 Gi3_25278943_x92.....ugggaGcacggggugccgaac..... 1
 Gi3_25291271_x92.....aggccccgcCguacugcgau..... 1
 Gi2_9243532_x92.....gaUcacggggugccgaacu..... 1
 Gi3_25282163_x92.....cgucgugggaacacggggGgcc..... 1
 Gi3_25284279_x92.....Ugagacgucgugggaacacggggugcc..... 1

Gi2_9244360_x92.....ucgugggaNcacggggugccgaacu..... 1
 Gi3_25282807_x92.....gaacacggggugccgaauUu..... 1
 Gi4_428363_x92.....Uugggaacacggggugccgaacu..... 1
 Gi2_9250062_x91.....ccccgccaguacugcgagcgagacguc..... 0
 Gi3_25293836_x91.....Ggugggaacacggggugcc..... 1
 Gl1a_5006461_x91.....caggccccgccaguacugcg..... 0
 Gi2_9251791_x91.....aGcgggagacgucgugggaacacggggu..... 1
 Gi3_25296293_x91.....cgugggaacacggggCgccgaac..... 1
 Gi2_9270067_x90.....ccccgccaguacugcgagcgagacgu..... 0
 Gl1a_5013689_x90.....Cggaacacggggugccgaacu..... 1
 Gi2_9265567_x90.....ugggGacacggggugccgaacu..... 1
 Gi3_25313003_x90.....aucggagacgucgugggaGcacg..... 1
 Gi3_25323173_x90.....ucgugggGacacggggugccgaacu..... 1
 Gi1_3445729_x90.....ugcgauccggagacgucguggga..... 0
 Gi3_25321823_x90.....gugNgaacacggggugccgaacu..... 1
 Gi2_9267187_x90.....ggUaacacggggugccgaacu..... 1
 Gi3_25320023_x90.....gggagacgucgugggaacacggg..... 0
 Gl1a_5013509_x90.....caggccccgccaguacug..... 0
 Gi5_7421987_x89.....gugggaacacggggugccgaacuuu..... 0
 Gi3_25337101_x89.....Uggaacacggggugccga..... 1
 Gi3_25336745_x89.....gcgccgucaggccccgccaguacug..... 0
 Gi3_25338970_x89.....cgugggaacacggggugA..... 1
 Gi5_7421364_x89.....Cucgugggaacacggggugccgaacu..... 1
 Gl1a_5014678_x89.....gucaggccccgccaguacu..... 0
 Gi3_25333452_x89.....gugggaacacUgggugccgaacu..... 1
 Gi2_9273474_x89.....ugggaacacggggCgccgaacu..... 1
 Gi1_3447520_x89.....cgugggaacacggggugccgaa..... 0
 Gi3_25331583_x89.....cUcgccaguacugcgagcgagacgu..... 1
 Gi1_3446719_x89.....agacgucgugggaacacggggugcc..... 0
 Gi1_3450457_x89.....aacacggggUAccgaacu..... 1
 Gi1_3451970_x89.....gugggaacacggggGgccgaacu..... 1
 Gl1a_5022569_x88.....uacugcgauccggagacgucgu..... 0
 Gi2_9286871_x88.....gugggaacCcgggugccgaac..... 1
 Gi5_7430474_x88.....agacgucgugggaacacggggugc..... 0
 Gi3_25346872_x88.....ugggaacacggggugccgaGc..... 1
 Gi3_25351976_x88.....gggagacgucgugggaacacggggugccgaa..... 0
 Gi2_9291623_x88.....Augggaacacggggugcc..... 1
 Gi2_9286167_x88.....cUucaggccccgccaguacug..... 1
 Gl1a_5022129_x88.....gccgucaggccccgccagua..... 0
 Gi3_25352504_x88.....acgucgugggaacacggggugc..... 0
 Gi2_9295143_x88.....guUggaacacggggugccgaac..... 1
 Gi3_25359192_x88.....cAugggaacacggggugccgaac..... 1
 Gi3_25356288_x88.....ucgugggaGcacggggugccgaacu..... 1
 Gi3_25351360_x88.....aacacggggUAccgaacu..... 1
 Gi5_7432146_x88.....cgugggaacacggggGgccgaacu..... 1
 Gi2_9291447_x88.....gugggaCcacggggugccgaacu..... 1
 Gi3_25372362_x87.....gugggaacacggUgugccgaac..... 1

Gi3_25372623_x87.....ucgugggaacGcggggugccgaacu..... 1
 Gi3_25377060_x87.....Ggugggaacacggggugccga..... 1
 Gi5_7444123_x87.....gagacgucgugggaacacg..... 0
 Gi3_25371579_x87.....gaacUcggggugccgaacu..... 1
 Gi3_25363836_x87.....gggaacacggggugccgGac..... 1
 Gi5_7446211_x87.....cgccaguacugcgauccggagacguc..... 0
 Gi2_9298103_x87.....ggaacacggggGcgggaac..... 1
 Gi2_9295754_x87.....agaagcgccgucagggcccgcaguc..... 0
 Gi5_7439164_x87.....gaacacggggugccgaacuucU..... 1
 Gi3_25372536_x87.....Uagaagcgccgucagggcccgc..... 1
 Gi5_7453470_x86.....gugggaaUacggggugccgaacu..... 1
 Gi3_25382074_x86.....uGgugggaacacggggugccgaac..... 1
 Gi4_433136_x86.....ugggaacacgggUugccgaacu..... 1
 Gi1_3465497_x86.....gaacacggggGcgggaacu..... 1
 Gi5_7457254_x86.....cCucgugggaacacggggugccgaacu..... 1
 Gi3_25384912_x86.....gucgugggaacacggggugccgaCcu..... 1
 Gi5_7453212_x86.....Cgaacacggggugccgaacu..... 1
 Gi3_25384740_x86.....gugggaacacggggGgcccga..... 1
 Gi5_7456308_x86.....Uggaacacggggugccgaa..... 1
 Gi3_25394114_x86.....gaacacggggugccgaUcu..... 1
 Gi3_25410877_x85.....gaucggagacgucgugggaacacggggug..... 0
 Gi3_25402122_x85.....aGgucgugggaacacggggugccgaacu..... 1
 Gi5_7472510_x85.....gaGcacggggugccgaacu..... 1
 Gi1_3470793_x85.....aacacggggGcgggaacu..... 1
 Gi3_25396342_x85.....aucggagacgucgugggaa..... 0
 Gi3_25407137_x85.....aucggagacgucgugggaGcacgggu..... 1
 Gi3_25404247_x85.....gcgauccggagacgucguggga..... 0
 Gi3_25399912_x85.....guggUaacacggggugcc..... 1
 Gi2_9321204_x85.....Uucagggcccgcagucugcg..... 1
 Gi3_25406032_x85.....caggccccgcagucgucgagacguc..... 0
 Gi2_9321799_x85.....guUgugggaacacggggugccgaacu..... 1
 Gi3_25427887_x84.....ccaguacugcgauccggagacgucgu..... 0
 Gi5_7483776_x84.....gaagcgccgucagggcccgc..... 0
 Gi2_9331229_x84.....cugcgauccggGgacgucgug..... 1
 Gi3_25417891_x84.....cgucgugggaacacggggugccgCacu..... 1
 Gi5_7474284_x84.....ucgugggaacacggggugccgCacu..... 1
 Gl1_5044607_x84.....guacugcgauccggagacgucg..... 0
 Gi3_25428055_x84.....gugggaaUacggggugccgaac..... 1
 Gi1_3475179_x84.....Uugggaacacggggugccgaac..... 1
 Gi2_9337865_x84.....gaagagaagcgccgucagggcccgc..... 0
 Gl1_5041751_x84.....gaucggagacgucgugggaa..... 0
 Gi5_7477056_x84.....ucgugggaacacggggGcgggaacu..... 1
 Gi3_25429651_x84.....ucgCgggaacacggggugccgaacu..... 1
 Gi5_7491665_x83.....ucgugggaNcacggggugccgaacu..... 1
 Gi2_9346796_x83.....aguacugcgauccggGgacgucgugg..... 1
 Gi3_25432318_x83.....Uccgucagggcccgcagucugcg..... 1
 Gl1_5048767_x83.....gaagcgccgucagggcccgcga..... 0

Gi1_3482014_x83.....gugggGacacggggugccgaacu..... 1
 Gi2_9347958_x83.....gaucggGgacgucgugggaacacggg..... 1
 G1a_5047024_x83.....Ggggaacacggggugccgaacu..... 1
 Gi2_9351195_x83.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi2_9344555_x83.....aGcggagacgucgugggaacacggggugc..... 1
 Gi5_7486104_x83.....agagaagcgcgucagggccccgccaagu..... 0
 Gi2_9348871_x83.....ccaguacugcgauccggagacg..... 0
 Gi2_9350282_x83.....ugggaacacggggugccgaGcu..... 1
 Gi4_436403_x82.....cgucgugggaacacggggugccga..... 0
 Gi2_9362214_x82.....gugggaacacggggugccgaUc..... 1
 Gi1_3482427_x82.....gagacgucgCgggaacacgg..... 1
 Gi3_25448495_x82.....Uaagagaagcgcgucagggcccc..... 1
 Gi3_25451365_x82.....agaagcgcgucagggccccgccaqua..... 0
 Gi3_25450627_x82.....guUggaacacggggugccga..... 1
 G1a_5053716_x82.....cgccgucagggccccgccaaguacugc..... 0
 Gi2_9361804_x82.....gaacacggggugccgaCcu..... 1
 Gi1_3486937_x82.....agacgucgCgggaacacggggugccgaacu..... 1
 G1a_5054044_x82.....uacugcgauccggagacguc..... 0
 Gi3_25473980_x81.....Uagaagcgcgucagggcccc..... 1
 Gi2_9364002_x81.....guUggaacacggggugcc..... 1
 Gi3_25479002_x81.....cgugUgaacacggggugccgaac..... 1
 Gi3_25483295_x81.....aacacgAggugccgaacu..... 1
 Gi3_25470578_x81.....gggaacacggggugcUgaacu..... 1
 Gi3_25484915_x81.....Uccaguacugcgauccggagacguc..... 1
 Gi2_9364731_x81.....gggaacGcggggugccgaacu..... 1
 Gi5_7512478_x81.....gugggaaAacggggugccgaacu..... 1
 Gi2_9364812_x81.....ggaaacacggggugccgCac..... 1
 G1a_5058206_x81.....ccccgccaaguacugcgauccggagacguc..... 0
 Gi3_25476977_x81.....aacacggAgugccgaacu..... 1
 Gi3_25485563_x81.....ggccccgccaaguacugcgauccg..... 0
 Gi3_25467581_x81.....aucggagaNgucgugggaacacg..... 1
 Gi2_9374694_x81.....gaucggGgacgucgugggaacacggg..... 1
 Gi2_9371211_x81.....gugggaGcacggggugccgaac..... 1
 Gi3_25466933_x81.....gggaacacggggugccgaUc..... 1
 Gi3_25466285_x81.....Uucagggccccgccaaguacugc..... 1
 Gi4_437222_x81.....agacgucgugggaacacggggugcc..... 0
 Gi3_25490776_x80.....aacaUggggugccgaacu..... 1
 G1a_5061681_x80.....aggccccgccaaguacugcgaucc..... 0
 Gi3_25493176_x80.....gaagcgcgucagggccccgccaqua..... 0
 Gi2_9384619_x80.....uUggaacacggggugccg..... 1
 Gi2_9378139_x80.....gggaacacggggGgccgaacu..... 1
 Gi2_9381739_x80.....aggccccgccaaguacugcgaucc..... 1
 Gi1_3495901_x80.....aggccccgccaaguacugcgauccg..... 0
 Gi3_25500536_x80.....gGacacggggugccgaac..... 1
 Gi3_25489336_x80.....gugggaacacggggugcgaac..... 1
 Gi5_7519667_x80.....gccgucagggccccgccaaguacugc..... 0
 Gi3_25500296_x80.....gAaacacggggugccgaac..... 1

Gi2_9381419_x80.....gugggCacacggggugccgaacu..... 1
 Gi3_25502936_x80.....aagagaagcgccgucaggccccgccag..... 0
 Gi1_3497581_x80.....aguacugcgauccggagacgucgug..... 0
 Gi2_9379179_x80.....gggGacacggggugccgaacu..... 1
 Gi3_25489096_x80.....cUucgugggaacacggggugccga..... 1
 Gi3_25513613_x79.....gugggaacCcggggugcc..... 1
 Gi1_3498694_x79.....Uacgucgugggaacacggggugccgaacu..... 1
 Gi5_7537412_x79.....gccccgccaguacugcgauccga..... 0
 Gi3_25512349_x79.....gAgaacacggggugccgaac..... 1
 Gi3_25507372_x79.....gugggaacGcggggugccga..... 1
 Gi3_25506898_x79.....cgucguggNaacacggggugccgaacu..... 1
 Gi2_9397844_x79.....gaacGcggggugccgaacu..... 1
 Gi5_7539703_x79.....cgugggaacacgAggugccgaacu..... 1
 Gi2_9389944_x79.....ggGacacggggugccgaacu..... 1
 Gi2_9393894_x79.....gugggaacNcggggugcc..... 1
 Gi3_25512507_x79.....acgucgugNgaacacggggugccgaacu..... 1
 Gi3_25539716_x78.....ugggaacacggggAgccgaacu..... 1
 G1a_5074078_x78.....acgucgugggaacacggggg..... 0
 G1a_5074468_x78.....gucagggccccccaguacug..... 0
 Gi3_25535192_x78.....ucgugggaacacggggugccgaGcu..... 1
 Gi3_25525520_x78.....Ccugggaacacggggugccgaacu..... 1
 Gi3_25525988_x78.....gccaguacugcgauccggagacgucg..... 0
 Gi1_3504733_x78.....acugcgauccggagacgucguggga..... 0
 G1a_5071192_x78.....Uugggaacacggggugcc..... 1
 G1a_5074624_x78.....gagaagcgccgucagggccccgcca..... 0
 Gi3_25527470_x78.....gugggaacacggggugccUaacu..... 1
 Gi5_7549064_x78.....acugcgauccggagacguc..... 0
 Gi3_25526690_x78.....Uucagggccccccaguacugcg..... 1
 Gi3_25528718_x78.....ugcgauccggagacgucguggga..... 0
 Gi2_9401361_x78.....Uaucggagacgucgugggaacacggggugc..... 1
 Gi5_7540718_x78.....ccgccaguacugcgauccggagacguc..... 0
 Gi3_25548201_x77.....aUgucgugggaacacggggugccgaacu..... 1
 Gi5_7553801_x77.....ggaacacggggCgccgaacu..... 1
 G1a_5079871_x77.....Uaacacggggugccgaacu..... 1
 Gi3_25556055_x77.....gCcuggggaacacggggugccgaacu..... 1
 Gi3_25541733_x77.....gacgucgugggaacacggggugcA..... 1
 Gi5_7554802_x77.....cguggAaacacggggugccgaacu..... 1
 Gi3_25544813_x77.....aacacggggugUcgaacu..... 1
 Gi3_25549510_x77.....cUgagacgucgugggaacacggggg..... 1
 Gi1_3507836_x77.....cgCgggaacacggggugccgaa..... 1
 Gi5_7560654_x77.....gacgucgugggaacacggggugccg..... 0
 Gi2_9416104_x77.....gccaguacugcgauccggagacgu..... 0
 Gi2_9432317_x76.....ggccccgccaguacugcgauccgg..... 0
 Gi2_9427833_x76.....ucagggccccccaguacugcgauccga..... 0
 Gi3_25567722_x76.....gccccgccaguacugcgauccgg..... 0
 Gi3_25570306_x76.....gugggaacacggggAgccgaac..... 1
 Gi2_9429125_x76.....ccccgccaguacugcgauccggagacg..... 0

Gi2_9428745_x76.....ucgugggaaacacggggugccgCacu..... 1
 Gi3_25562022_x76.....Cugggaacacggggugccga..... 1
 Gi1_3511838_x76.....gUaacacggggugccgaac..... 1
 Gi3_25559438_x76.....gugggGacacggggugccga..... 1
 Gl1a_5082764_x76.....gucgugggaaacacggggugccgaac..... 0
 Gi3_25569774_x76.....Gggccccgccaguacugcg..... 1
 Gi1_3519858_x75.....aacacggggugccgaGcu..... 1
 Gi2_9449107_x75.....gugggaUcacggggugccgaacu..... 1
 Gi3_25584885_x75.....ugAgaacacggggugccgaac..... 1
 Gl1a_5090461_x75.....aguacugcgauccggagac..... 0
 Gi5_7579246_x75.....cccgccaguacugcgauccggagacgu..... 0
 Gi3_25597260_x75.....gugggaacacggggGgccgaa..... 1
 Gi3_25593285_x75.....auUgggagcugcuggggaacacggg..... 1
 Gi3_25579485_x75.....ucgugggaacacggggugccAaacu..... 1
 Gi1_3520533_x75.....cgggagcugcuggggaacacggg..... 0
 Gi2_9442132_x75.....cgggagcugcuggggaaca..... 0
 Gi5_7577296_x75.....agagaagcgccgucagggccccg..... 0
 Gi3_25595160_x75.....aucggagaNgucgugggaacacggggg..... 1
 Gi1_3520608_x75.....gaUcacggggugccgaacu..... 1
 Gi1_3518658_x75.....ucgugggaacacggggCgccgaacu..... 1
 Gi3_25589910_x75.....aacacggggugccgaCcu..... 1
 Gi2_9443707_x75.....gCaacacggggugccgaacu..... 1
 Gi3_25587960_x75.....ugggaacacggggugccgaUc..... 1
 Gi1_3517983_x75.....agacgucgugggaacacggggugccg..... 0
 Gi5_7574746_x75.....gUacacggggugccgaacu..... 1
 Gi3_25593210_x75.....acugcgauccggagacgucg..... 0
 Gi1_3522761_x74.....gugggaacacggggCgccgaacu..... 1
 Gi3_25607927_x74.....gaacCcggggugccgaacu..... 1
 Gi3_25615919_x74.....ggaacacggggugcUgaacu..... 1
 Gl1a_5095805_x74.....aaauaggaagagaagcgccguc..... 0
 Gi5_7593762_x74.....Ggucgugggaacacggggugccgaacu..... 1
 Gi2_9451341_x74.....gGgacgucgugggaacacg..... 1
 Gi2_9454523_x74.....aagcgccgucagggccccgccaguacu..... 0
 Gi2_9451563_x74.....Uaucggagacgucgugggaacacg..... 1
 Gi2_9460887_x74.....cgugggaacacggggGgccgaacu..... 1
 Gi3_25604893_x74.....gucgugggaacacggggugccg..... 0
 Gi3_25603265_x74.....aacacggggugccgaaUu..... 1
 Gi3_25606669_x74.....gucgugggaacacggggUcccgaac..... 1
 Gi3_25604301_x74.....cgccgucagggccccgccagua..... 0
 Gi3_25613181_x74.....ggccccgccaguacugcgauccgga..... 0
 Gi3_25608963_x74.....aGcgggagcugcuggggaacacgg..... 1
 Gi5_7585918_x74.....aacacggggugccgCacu..... 1
 Gi3_25599195_x74.....gucgugggaacacggggg..... 0
 Gi1_3522169_x74.....agcgccgucagggccccgccaguacugc..... 0
 Gi5_7591690_x74.....gcgccgucagggccccgccaguacug..... 0
 Gi3_25606003_x74.....agaagcgccgucagggccccgccaguacug..... 0
 Gl1a_5093585_x74.....ggaacacggggugccAaacu..... 1

Gi1a_5099778_x73	. . . . . ccgccaguacugcgauccggagacguc	0
Gi2_9470180_x73	. . . . . ucggagacgucguggaac	0
Gi5_7604253_x73	. . . . . acacggggugccgaacuuu	0
Gi2_9470910_x73	. . . . . gacgucguggaacacgg	0
Gi2_9464267_x73	. . . . . cgccaguacugcgauccggagacgucg	0
Gi5_7598997_x73	. . . . . Uacacggggugccgaacu	1
Gi3_25629157_x73	. . . . . Ggucguggaacacggggugcc	1
Gi5_7600092_x73	. . . . . gucguggaacacggggugccgaa	0
Gi1a_5100946_x73	. . . . . ggccccgccaguacugcg	0
Gi3_25629084_x73	. . . . . ggaaacacggggGgccgaac	1
Gi4_447562_x72	. . . . . guggaacacggggugccgaac	0
Gi2_9477263_x72	. . . . . guggaacacggggGgcc	1
Gi3_25642554_x72	. . . . . gCgaacacggggugccgaac	1
Gi5_7611069_x72	. . . . . guggaacacggggugUcgaacu	1
Gi5_7618701_x72	. . . . . ucguggaacacggggugccgaGcu	1
Gi3_25644282_x72	. . . . . ccgccaguacugcgauccggagacgucgu	0
Gi4_447418_x72	. . . . . guacugcgauccggagacgucgug	0
Gi3_25644570_x72	. . . . . cguggaacacggggugccgaUcu	1
Gi5_7614669_x72	. . . . . Agggaacacggggugccgaacu	1
Gi3_25646514_x72	. . . . . gucguggaacGcggggugccgaacu	1
Gi5_7615317_x72	. . . . . cgagacgucguggaacacggggugcc	0
Gi3_25653786_x72	. . . . . cccgccaguacugcgaucc	0
Gi5_7617261_x72	. . . . . gccaguacugcgauccggagacguc	0
Gi3_25646226_x72	. . . . . gUagacgucguggaacacggggugcc	1
Gi5_7609773_x72	. . . . . guggaacacgggAugccgaacu	1
Gi2_9475535_x72	. . . . . guggaacacggggugccAaac	1
Gi3_25635354_x72	. . . . . guggaacNcggggugccgaa	1
Gi2_9474023_x72	. . . . . caggccccgccaguacugcgauccggagac	0
Gi3_25647594_x72	. . . . . Uucguggaacacggggugccga	1
Gi3_25641042_x72	. . . . . uggaacacggggugccGac	1
Gi2_9493461_x71	. . . . . gcgaucggGgacgucguggaac	1
Gi1_3537261_x71	. . . . . cggagacgucgCgggaacacgg	1
Gi5_7620483_x71	. . . . . cguggaacUggggugccgaacu	1
Gi1_3539462_x71	. . . . . aagcgccgucagccccgccaguacug	0
Gi3_25667138_x71	. . . . . Uaagagaagcgccgucaggccc	1
Gi3_25658263_x71	. . . . . cguggaacGcggggugccgaac	1
Gi3_25659115_x71	. . . . . gggaacGcggggugccgaac	1
Gi2_9489840_x71	. . . . . cguggaacacggAgugccgaacu	1
Gi5_7630494_x71	. . . . . ggaacacggggugccgCacu	1
Gi3_25661742_x71	. . . . . gggaGcacggggugccgaac	1
Gi5_7629997_x71	. . . . . cguggaacacggggugccgaaAu	1
Gi3_25667990_x71	. . . . . gaagagaagcgccgucaggccccgccagu	0
Gi3_25665576_x71	. . . . . gaacacggggugccgUacu	1
Gi2_9485296_x71	. . . . . agccccgccaguacugcgauccggagacgu	0
Gi3_25669410_x71	. . . . . guggaacCgggggugccga	1
Gi2_9504331_x70	. . . . . Ggacgucguggaacacggggugc	1
Gi3_25686670_x70	. . . . . uggaacacggggGgccgaacu	1

Gi1_3541156_x70.....agacgucgugggaacacgggg..... 0
Gi3_25674630_x70.....gugggaacacggggugcAgaac..... 1
Gi5_7635978_x70.....Cggaacacggggugccgaacu..... 1
Gi3_25679880_x70.....gugggaacacggCgugccgaacu..... 1
G1a_5117802_x70.....aguacugcgauccgagacgucg..... 0
G1a_5116682_x70.....ucggagacgucgugggaacacggg..... 0
Gi2_9504681_x70.....guacugcgauccgagacgucgugg..... 0
Gi3_25676660_x70.....cgucgugggaacacggggCgccgaacu..... 1
Gi2_9497541_x70.....gucgugggaacacggggCgccgaacu..... 1
Gi2_9495931_x70.....cgccaguacugcgauccgagacgu..... 0
Gi3_25680930_x70.....gacgucgugggaacacggggugcc..... 0
Gi2_9510917_x69.....gggaacacggggugccgaGcu..... 1
Gi2_9512021_x69.....ugUgaacacggggugccgaacu..... 1
G1a_5120665_x69.....gugggaacacggggGgccgaacu..... 1
Gi3_25693081_x69.....Gggccccgccaguacugcga..... 1
Gi3_25706950_x69.....ggaacacAgggugccgaac..... 1
Gi4_449333_x69.....gucgugggaacacggggugccgaacu..... 0
Gi3_25696324_x69.....gugggaacNcggggugccg..... 1
Gi3_25697704_x69.....gaacacggggugccgaaAu..... 1
Gi3_25691356_x69.....Gaggccccgccaguacugc..... 1
Gi3_25704811_x69.....aggccccgNcaguacugc..... 1
Gi3_25691632_x69.....caggccccgccaguacugcgagac..... 0
Gi1_3548742_x69.....ggagacgucgugggaacacggggugccgaacu..... 0
Gi2_9515747_x69.....agagaagcgccgucagggccccgcca..... 0
Gi2_9510572_x69.....cgccaguacugcgauccgGgacguc..... 1
Gi3_25697428_x69.....cCugggaacacggggugccgaac..... 1
Gi3_25691494_x69.....guggCaacacggggugccgaacu..... 1
Gi3_25702051_x69.....gggaacaUggggugccgaacu..... 1
Gi3_25696669_x69.....Ugagacgucgugggaacacggggg..... 1
G1a_5122183_x69.....cgucaggccccgccaguacu..... 0
Gi3_25698877_x69.....uacugcgauccgagacgu..... 0
Gi2_9509744_x69.....cgucaggccccgccaguacugcgaucc..... 0
Gi3_25697635_x69.....aCgccccgccaguacugcgaucc..... 1
Gi2_9510503_x69.....Ggucgugggaacacggggugccgaacu..... 1
Gi2_9516368_x69.....gucgugggaacacggggGgccgaacu..... 1
Gi3_25715063_x68.....ugggaacacgAggugccgaacu..... 1
G1a_5129660_x68.....cgucaggccccgccagua..... 0
Gi2_9529720_x68.....Gucggagacgucgugggaacacggggg..... 1
Gi3_25721455_x68.....cUucgugggaacacggggugc..... 1
Gi3_25710507_x68.....gggaaUacggggugccgaacu..... 1
Gi3_25715267_x68.....ucgugggaacacggggug..... 0
Gi3_25725603_x68.....gugggaacacggggCgccga..... 1
Gi2_9530400_x68.....cgugggaacacggggugcAgaacu..... 1
Gi2_9519316_x68.....ucgugggaacacggggugccgaaA..... 1
Gi3_25719415_x68.....gugggUacacggggugccgaac..... 1
Gi5_7660727_x68.....Agugggaacacggggugccgaacu..... 1
Gi3_25710779_x68.....uUgggagacgucgugggaacacggggg..... 1

Gi2_9523668_x68.....Cgagaagcgccgucagggccccgc..... 1
 Gi3_25711935_x68.....ugggaacaNggggugccga..... 1
 Gi2_9519044_x68.....ugggaacGcggggugccgaacu..... 1
 Gi2_9543605_x67.....Uaagcgccgucagggccccgc..... 1
 Gi3_25736079_x67.....ugggaacaNggggugccgaa..... 1
 Gi2_9532818_x67.....ugggaacacggggugccgaGc..... 1
 Gi5_7670748_x67.....ggUaacacggggugccgaacu..... 1
 Gi5_7672892_x67.....aacacggggugccAaacu..... 1
 Gi3_25734806_x67.....guAggaacacggggugcc..... 1
 Gi2_9538580_x67.....gugggaacacggggUaccgaac..... 1
 Gi3_25731724_x67.....aucggagacgucgugggaacacggggC..... 1
 Gi3_25741104_x67.....ugggUaacacggggugccgaacu..... 1
 Gi2_9532148_x67.....Ugaacacggggugccgaa..... 1
 Gi3_25738223_x67.....Auggaacacggggugccgaa..... 1
 Gi2_9539451_x67.....ucggGgacgucgugggaacacggggugcc..... 1
 Gi1_3559565_x67.....gggaacacNggggugccgaacu..... 1
 Gi2_9535163_x67.....Cgggaacacggggugccgaacu..... 1
 Gi3_25728776_x67.....cGggccccgccaguacugcgauc..... 1
 Gi5_7674902_x67.....gaacacggggugccgCacu..... 1
 Gi3_25747711_x66.....aucggagacgucgugggaCcacg..... 1
 Gi3_25746787_x66.....ucgugggaNcacggggugccgaac..... 1
 Gi3_25752925_x66.....Uaucggagacgucgugggaacacgggg..... 1
 Gi3_25758733_x66.....ccccgccaguacugcgaucggagac..... 0
 Gi3_25747579_x66.....Uacgucgugggaacacggg..... 1
 Gi3_25755235_x66.....auUgggagacgucgugggaacacg..... 1
 Gi3_25759525_x66.....gagaagcgccgucagggccccgc..... 0
 Gi2_9545267_x66.....Uggaacacggggugccgaa..... 1
 Gi3_25752397_x66.....gccgucagggccccgccaguacugc..... 0
 Gi2_9553847_x66.....Caacacggggugccgaacu..... 1
 Gi2_9551207_x66.....ccgccaguacugcgaucggagacgA..... 1
 Gi5_7682218_x66.....Uugggaacacggggugccg..... 1
 Gi2_9550151_x66.....cggGgacgucgugggaacacggggug..... 1
 Gi2_9556025_x66.....guggUaacacggggugccgaac..... 1
 Gi5_7703566_x65.....cgggagacgucgugggaacacgg..... 0
 Gi3_25774692_x65.....gugggaacacggggUacc..... 1
 Gi3_25772287_x65.....gggaacacggggGgccgaac..... 1
 Gi3_25766567_x65.....gggaacacggggugccAaacu..... 1
 Gi2_9560261_x65.....cgugggaacacggggugccgaaUu..... 1
 Gi2_9563511_x65.....cgccaguacugcgaucggagacgucgug..... 0
 Gl1_5147067_x65.....acgucgugggaacacggggugccgaacu..... 0
 Gi3_25773977_x65.....gggGacacggggugccgaac..... 1
 Gi5_7701811_x65.....cgugggaacacggggugUcgaacu..... 1
 Gi2_9575609_x64.....cgGgggaacacggggugccgaac..... 1
 Gl1_3573992_x64.....cgGgggaacacggggugccgaacu..... 1
 Gl1_5152372_x64.....ccccccaguacugcgaucgga..... 0
 Gi3_25798683_x64.....gaagcgccgucagggccccgccaguacu..... 0
 Gl1_5154868_x64.....cgaucggagacgucgugggaacacg..... 0

Gi2_9574073_x64.....gagacgucgugggaacacggg..... 0
Gi5_7711909_x64.....gugggaacacggggAgccgaacu..... 1
Gi1_3571752_x64.....Cugggaacacggggugccgaacu..... 1
Gi3_25801051_x64.....ugggaacacggAgugccgaacu..... 1
Gi1_3570984_x64.....ccgucagggccccgccaguacug..... 0
Gi3_25797659_x64.....ggaacacgAggugccgaacu..... 1
Gi2_9575545_x64.....uGggaacacggggugccgaacu..... 1
Gi3_25796443_x64.....aGcggagacgucgugggaacacgggg..... 1
Gi2_9570681_x64.....aagagaagcgccgucagggccccgcca..... 0
Gi3_25783259_x64.....aucggagaNgucgugggaacacggg..... 1
Gi3_25788187_x64.....gugggaaAacggggugccgaac..... 1
Gi5_7708325_x64.....uUggaacacggggugccgaa..... 1
Gi3_25783963_x64.....Gucggagacgucgugggaacacgg..... 1
Gi3_25801563_x64.....agcgccgucagggccccgccaguacugc..... 0
Gi3_25809888_x63.....cgugCgaacacggggugccgaacu..... 1
Gi3_25820409_x63.....cgccaguacugcgauccggagacgucgu..... 0
Gi1_3578155_x63.....guUggaacacggggugccgaacu..... 1
Gi3_25809636_x63.....gcgaucggagacgucgugggaacacggg..... 0
Gi3_25804344_x63.....ucgugggaacacggggGgccgaacu..... 1
Gi2_9580464_x63.....guacugcgauccggGgacgucgu..... 1
Gi2_9587331_x63.....gAgaacacggggugccgaacu..... 1
Gi3_25809951_x63.....ggaacacggggugccAaac..... 1
Gi1_3574690_x63.....ucgugggaNcacggggugccgaacu..... 1
Gi2_9587205_x63.....gaacacggggugccgaGcu..... 1
Gi2_9591174_x63.....gccgucagggccccgccaguac..... 0
Gi1a_5161155_x63.....gugggaacacggggCgccgaacu..... 1
Gi2_9581472_x63.....gAgggaacacggggugccgaac..... 1
Gi3_25838207_x62.....gugggaacacggggugCccaacu..... 1
Gi3_25825931_x62.....ucgugggaacCcggggugccgaacu..... 1
Gi2_9601979_x62.....agaagcgccgucagggccccgccaguac..... 0
Gi2_9592493_x62.....aGcggagacgucgugggaaca..... 1
Gi3_25828721_x62.....gugggaacacggggugccgaaU..... 1
Gi3_25830953_x62.....gugggaUcacggggugccgaacu..... 1
Gi5_7732026_x62.....ggGacacggggugccgaacu..... 1
Gi1_3582331_x62.....gacgucgugggaacacggggugccg..... 0
Gi2_9603467_x62.....gagaagcgccgucagggccccgccaguac..... 0
Gi5_7737048_x62.....ggaGcacggggugccgaacu..... 1
Gi3_25840935_x62.....gaacacggggugccgaacG..... 1
Gi3_25822893_x62.....uggAaacacggggugccgaacu..... 1
Gi1_3580719_x62.....aUcacggggugccgaacu..... 1
Gi2_9604521_x62.....ggagacgucgugggaacacggggugccgaacu..... 0
Gi5_7732770_x62.....gaacacggggugccgGacu..... 1
Gi5_7732398_x62.....cgugggaacacggggugccgGacu..... 1
Gi2_9600553_x62.....Cgaacacggggugccgaac..... 1
Gi2_9614231_x61.....aucggagacgucgugggaacacggggugccg..... 0
Gi3_25854121_x61.....gggaacacAgggugccgaac..... 1
Gi3_25846862_x61.....gucgugggaacCcggggugccgaacu..... 1

Gi3_25848143_x61.....cgGcguggggaacacggggugccgaacu..... 1
 Gi2_9608924_x61.....cgugggaacacggggAgccgaacu..... 1
 Gi3_25855341_x61.....Cacacggggugccgaacu..... 1
 Gi3_25857781_x61.....ugggaaacacgggAugccgaacu..... 1
 Gi2_9612035_x61.....gugggGacacggggugcc..... 1
 Gi3_25842592_x61.....aacacggggugcAgaacu..... 1
 Gi3_25849241_x61.....gcgaucggagacgucgugggaaca..... 0
 Gi3_25842714_x61.....ggagacgucgugggaacacggggugc..... 0
 G1a_5174179_x61.....cgucaggccccgccaguacug..... 0
 Gi5_7745769_x61.....aucggagacgucgugggaacacggggugcc..... 0
 Gi5_7746501_x61.....gugggaacacggggugccgaaAu..... 1
 Gi3_25844910_x61.....cgugggaacacggggugccAaac..... 1
 Gi2_9612767_x61.....agcgccgucaggccccgccaguacugc..... 0
 Gi2_9614841_x61.....Uaacacggggugccgaac..... 1
 Gi2_9613499_x61.....gAaacacggggugccgaacu..... 1
 Gi1_3585967_x61.....ccgccaguacugcgauccggaga..... 0
 Gi2_9605569_x61.....cgugggaacacgggAugccgaacu..... 1
 Gi2_9610266_x61.....gugggaacacggggugccgaacG..... 1
 Gi5_7743085_x61.....cguAggaaacacggggugccgaacu..... 1
 Gi3_25851620_x61.....gugggaacacggggugccA..... 1
 Gi3_25863349_x60.....ugggaCcacggggugccgaacu..... 1
 G1a_5181925_x60.....cggagacgucgugggaacacgggggu..... 0
 Gi3_25865929_x60.....Uaagagaagcgccgucagg..... 1
 Gi2_9619505_x60.....ccgccaguacugcgauccggGgacguc..... 1
 Gi1_3590960_x60.....cgucgCgggaacacggggugccgaac..... 1
 Gi3_25869409_x60.....aguacugcgauccggagacgucguggg..... 0
 Gi5_7756696_x60.....cgugggaaUacggggugccgaacu..... 1
 Gi2_9627725_x60.....gGcgugggaacacggggugccgaac..... 1
 Gi2_9628805_x60.....Uucgugggaacacggggugc..... 1
 Gi1_3592580_x60.....aucggagacgucgugggaacac..... 0
 G1a_5183065_x60.....ucggagacgucgugggaacacgg..... 0
 Gi2_9626345_x60.....gucgugggaacacggggugccgCacu..... 1
 Gi5_7754296_x60.....gggGacacggggugccgaacu..... 1
 Gi3_25875049_x60.....gaacacggggugccgaUc..... 1
 Gi2_9627005_x60.....agcgccgucaggccccgccagua..... 0
 Gi2_9620465_x60.....aagagaagcgccgucaggccccgccagu..... 0
 Gi3_25877869_x60.....cgugggaacaUggggugccgaac..... 1
 Gi5_7759876_x60.....Ccguccgugggaacacggggugccgaacu..... 1
 Gi3_25887980_x59.....ugggaaUacggggugccgaacu..... 1
 Gi3_25897125_x59.....gugggGacacggggugccgaa..... 1
 Gi3_25891815_x59.....cgugggaacacAgggugccgaac..... 1
 G1a_5193625_x59.....aguacugcgauccggagacgucgug..... 0
 Gi3_25883260_x59.....gugggaacacggAgugccgaac..... 1
 Gi1_3598372_x59.....cgugggaacacggggugccgCacu..... 1
 Gi2_9636268_x59.....caggccccgccaguacugcgauccggag..... 0
 Gi5_7776024_x59.....uUgugggaacacggggugccgaacu..... 1
 G1a_5188964_x59.....gacgucgugggaacacgggggu..... 0

Gi5_7777027_x59.....guUgugggaacacggggugccgaacu..... 1
 Gi5_7771953_x59.....gggaacacggggugccgCacu..... 1
 Gi1_3599080_x59.....aacacggggugccgaacuu..... 0
 Gi2_9636858_x59.....agUccccgccaguacugcgau..... 1
 Gi3_25884027_x59.....gucgugggaacacggggugccgaGcu..... 1
 Gi3_25892346_x59.....gugggaGcacggggugccga..... 1
 Gi3_25894883_x59.....ugggaacacggggguAccgaacu..... 1
 Gi5_7774313_x59.....cgugggaacacggggguAccgaacu..... 1
 Gi1_3599788_x59.....ucgggagacgucgugggaacacggggugc..... 0
 Gl1a_5191619_x59.....agaagcgccgucagggccc..... 0
 Gi3_25885148_x59.....Ggugggaacacggggugccgaa..... 1
 Gi1_3597133_x59.....gugggaacGcggggugccgaacu..... 1
 Gi5_7769180_x59.....aacacgAggugccgaacu..... 1
 Gi3_25909976_x58.....Uucaggccccgccaguacug..... 1
 Gl1a_5197106_x58.....aagcgccgucagggccccgccaguacugc..... 0
 Gi2_9654633_x58.....gugggaacaAggggugccgaacu..... 1
 Gl1a_5194264_x58.....gugggaacacggggugccgaGcu..... 1
 Gi1_3601488_x58.....aacGcggggugccgaacu..... 1
 Gi3_25907946_x58.....aucgggagacgucgugggaCcacggg..... 1
 Gi5_7783775_x58.....agacgucgugggaacacggggugccgaacA..... 1
 Gi2_9645353_x58.....gUagacgucgugggaacacggggugc..... 1
 Gi1_3604736_x58.....gaacacggggugccgaGcu..... 1
 Gi3_25903596_x58.....acgAcgugggaacacggggugccgaa..... 1
 Gi3_25915776_x58.....Uccccgccaguacugcgau..... 1
 Gi1_3601952_x58.....ggccccgccaguacugcgau..... 0
 Gi3_25912354_x58.....gUgaacacggggugccga..... 1
 Gi1_3601662_x58.....gaacacggggugccgaCcu..... 1
 Gi2_9643903_x58.....aUgccccgccaguacugcgau..... 1
 Gi3_25900232_x58.....ugggaacaUggggugccgaac..... 1
 Gi5_7780411_x58.....ugggaacacggggugccAacu..... 1
 Gi3_25904756_x58.....gggaacacggggugUcgaacu..... 1
 Gi3_25917400_x58.....aacaGggggugccgaacu..... 1
 Gi3_25900000_x58.....cgugggaaNacggggugcc..... 1
 Gi2_9645527_x58.....aUcacggggugccgaacu..... 1
 Gi3_25919743_x57.....gcgccgucagggccccgccaguacugcg..... 0
 Gi3_25928407_x57.....ggaacacggggugccAacu..... 1
 Gi5_7795744_x57.....ggccccgccaguacugcgau..... 0
 Gl1a_5201038_x57.....agagaagcgccgucagggccc..... 0
 Gi2_9661991_x57.....ucgugggaGcacggggugccgaacu..... 1
 Gi5_7801615_x57.....ugggaacacggggugccgGacu..... 1
 Gi3_25921339_x57.....gugggaacacgggCugccgaacu..... 1
 Gi2_9661820_x57.....ggaacacggggGgccgaacu..... 1
 Gi1_3611999_x57.....ucgggagacgucgCgggaacacgggg..... 1
 Gi1_3607040_x57.....cagggccccgccaguacugcgau..... 0
 Gi3_25929832_x57.....gugggaacacAgggugcc..... 1
 Gi5_7801672_x57.....agacgucgugggaacacgggg..... 0
 Gi3_25925671_x57.....aggccccgccaguacugcgau..... 0

Gi2_9656291_x57.....gccaguacugcgauccggGgacg..... 1
 Gi1_3611771_x57.....ucaggccccgccaguacugcgauccgga..... 0
 Gi3_25927495_x57.....ucgugggaacacggggugccgCac..... 1
 Gi3_25932511_x57.....ggaacacggggugUcgaacu..... 1
 Gi2_9657260_x57.....agacgucgugggaacacggggugccgaacA..... 1
 Gl1a_5202577_x57.....gaagagaagcgccgucag..... 0
 Gi2_9657374_x57.....guacugcgauccggGgacgucgug..... 1
 Gi2_9658172_x57.....cgugggUacacggggugccgaacu..... 1
 Gi2_9658058_x57.....cUugggaacacggggugccg..... 1
 Gi2_9656804_x57.....gucgugggaacacggggugccgaCcu..... 1
 Gi3_25927666_x57.....aUacgucgugggaacacggggugccgaac..... 1
 Gl1a_5203261_x57.....Cugggaacacggggugccgaacu..... 1
 Gi2_9657203_x57.....cgugggaacacggggugccgUacu..... 1
 Gi3_25953702_x56.....ucguUggaacacggggugccgaacu..... 1
 Gi1_3616538_x56.....aagagaagcgccgucagccccgccagu..... 0
 Gi2_9676398_x56.....gucgugggNacacggggugccgaacu..... 1
 Gi3_25955550_x56.....cguggCaacacggggugccgaacu..... 1
 Gi5_7810528_x56.....aacaUgggugccgaacu..... 1
 Gi2_9667214_x56.....cggagacgucgugggaGca..... 1
 Gi3_25950230_x56.....aUgccccgccaguacugcgauccgga..... 1
 Gi2_9674438_x56.....gcgauccggagacgucgugggaacacggg..... 0
 Gi3_25951630_x56.....gaagagaagcgccgucagggccccg..... 0
 Gi2_9675670_x56.....aagagaagcgccgucagggccccgc..... 0
 Gi2_9671582_x56.....Cugggaacacggggugcc..... 1
 Gi3_25947766_x56.....gccgucagggccccgccaguacug..... 0
 Gi3_25945526_x56.....Gaggccccgccaguacugcgaucc..... 1
 Gi2_9676286_x56.....ccccgccaguacugcgauccggGgac..... 1
 Gi2_9672030_x56.....gaagcgccgucagggccccgccagu..... 0
 Gi1_3613346_x56.....ggaacacgNggugccgaacu..... 1
 Gi3_25940990_x56.....agacgucgugggaacacggggu..... 0
 Gi3_25956054_x56.....agagaagcgccgucagggccccgccagua..... 0
 Gi5_7804592_x56.....cggagacgucgugggaacacg..... 0
 Gi5_7811984_x56.....gagacgucgugggaacacggggugcc..... 0
 Gi3_25957454_x56.....cggagacgucgugggaacacggggug..... 0
 Gi2_9674606_x56.....ggccccgccaguacugcgauccggagacgu..... 0
 Gi3_25957230_x56.....cgucgugggaacGcgggugccgaacu..... 1
 Gi1_3614802_x56.....agacgucgugggaacacggggugccgaac..... 0
 Gl1a_5211959_x56.....cgugggaacacggggugccg..... 0
 Gi5_7826614_x55.....aacacgggguAccgaacu..... 1
 Gi5_7823149_x55.....Ggggaacacggggugccgaac..... 1
 Gi3_25973190_x55.....aacacgggAugccgaacu..... 1
 Gi2_9678296_x55.....Aggaacacggggugccgaac..... 1
 Gi2_9682916_x55.....gGcaggccccgccaguacugc..... 1
 Gi3_25965545_x55.....Cgaagagaagcgccgucagggccc..... 1
 Gl1a_5217105_x55.....agagaagcgccgucagggccccgc..... 0
 Gi3_25971210_x55.....cgugggaacacUgggugccgaacu..... 1
 Gi2_9685886_x55.....aGcggagacgucgugggaacac..... 1

Gi2_9678736_x55.....aacGcggggugccgaacu..... 1
 Gi3_25975775_x55.....cgucguggNaacacggggugcc..... 1
 Gi3_25972585_x55.....Cucgugggaacacggggugccgaacu..... 1
 Gi3_25962080_x55.....Cugggaacacggggugccgaa..... 1
 G1a_5219250_x55.....gugggGacacggggugccgaacu..... 1
 Gi3_25961915_x55.....gagacgucgugggaacacggggugccgaa..... 0
 Gi2_9682861_x55.....Ggacgucgugggaacacgggggu..... 1
 Gi5_7817869_x55.....gucaggccccgccaguac..... 0
 Gi3_25972475_x55.....cgugggaacacggggugcUgaac..... 1
 Gi2_9684291_x55.....ucggGgacgucgugggaacac..... 1
 Gi1_3618268_x55.....gcgaucggagacgucGcgggaacac..... 1
 Gi2_9679066_x55.....gGcuguggaacacggggugcc..... 1
 G1a_5215180_x55.....agagaagcgccgucagggccccgc..... 0
 Gi3_25962245_x55.....gggaacacAggugccgaacu..... 1
 Gi5_7833851_x54.....gCaacacggggugccgaacu..... 1
 Gi2_9698706_x54.....gGgacgucgugggaacacggggug..... 1
 Gi2_9702108_x54.....gCgaacacggggugccgaacu..... 1
 Gi3_25987842_x54.....aucggagacgucgugggaCcacgggg..... 1
 Gi5_7828343_x54.....ugAgaacacggggugccgaacu..... 1
 Gi5_7836335_x54.....ugggaacacAgggugccgaacu..... 1
 Gi1_3623484_x54.....ggUacacggggugccgaacu..... 1
 Gi5_7836011_x54.....aacacggggugcUgaacu..... 1
 Gi5_7832177_x54.....caguacugcgaucggagacgucguggga..... 0
 Gi5_7831259_x54.....ugggaacacgggUugccgaacu..... 1
 Gi2_9691416_x54.....gCgggaacacggggugcc..... 1
 Gi3_25988544_x54.....Gucggagacgucgugggaacacgggg..... 1
 G1a_5224932_x54.....cgggagacgucgugggaacacggg..... 0
 Gi5_7832555_x54.....gaucggagacgucgugggaacacgggg..... 0
 G1a_5226066_x54.....gccaguacugcgaucgga..... 0
 Gi5_7835039_x54.....ucgugggGacacggggugccgaacu..... 1
 Gi2_9693684_x54.....cgugggaacacggggugccGacu..... 1
 Gi3_25993242_x54.....cgucgugggaGcacggggugccgaacu..... 1
 Gi5_7838171_x54.....ucgugggaacGcggggugccgaacu..... 1
 Gi5_7834283_x54.....cgucguggNaacacggggugccgaacu..... 1
 Gi5_7826723_x54.....aucggagacgucgugggaGcacggg..... 1
 Gi1_3623592_x54.....aucggagacgucgugggaacacggggU..... 1
 G1a_5223960_x54.....gCgggaacacggggugccgaacu..... 1
 Gi2_9699624_x54.....Gggccccgccaguacugc..... 1
 Gi2_9700920_x54.....aguacugcgaucggagacgucgug..... 0
 Gi5_7827425_x54.....Uugggaacacggggugccgaacuu..... 1
 Gi2_9694656_x54.....ugggaacacggggugcUgaacu..... 1
 Gi2_9701190_x54.....ccaguacugcgaucggGgacgucgu..... 1
 Gi5_7828019_x54.....cgugggaacacggggugccgaaUu..... 1
 Gi2_9700164_x54.....caggccccgccaguacugcgaucggagacg..... 0
 Gi1_3630128_x53.....Uugggaacacggggugccg..... 1
 Gi3_26008681_x53.....gugggaacacggggugcGgaacu..... 1
 Gi3_25997286_x53.....Uccgucaggccccgccaguac..... 1

Gi2_9705185_x53.....gccaguacugcgauccggagacg..... 0
 Gl1a_5230397_x53.....gggaacacggggugccgaac..... 0
 Gi3_25997021_x53.....Ggugggaacacggggugc..... 1
 Gi2_9703224_x53.....cgauccggagacgucgugggaacac..... 0
 Gi5_7850966_x53.....gccgucaggccccccaguacu..... 0
 Gi2_9712340_x53.....aGcgggagacgucgugggaacacggggugcc..... 1
 Gi3_26005819_x53.....gugggaacacgggAugccgaac..... 1
 Gi2_9705556_x53.....gucgugggaacacggggugccga..... 0
 Gi3_26013451_x53.....ugggGacacggggugccga..... 1
 Gi5_7843599_x53.....cgugggaacacggggugcAgaacu..... 1
 Gi1_3628803_x53.....gugggaacacggggugccgaGcu..... 1
 Gi3_26002374_x53.....cgugggaaAacggggugccgaacu..... 1
 Gi3_25999883_x53.....aacacggggugccGUacu..... 1
 Gi2_9708047_x53.....Ggugggaacacggggugcc..... 1
 Gi2_9713506_x53.....aggccccgNcaguacugc..... 1
 Gi1_3630976_x53.....cgAgggaacacggggugccgaacu..... 1
 Gi2_9706086_x53.....aggccccgccaaguacugcgaCc..... 1
 Gi3_26000890_x53.....gucgugggaGcacggggugccgaacu..... 1
 Gi3_26005077_x53.....ugggaacacggggugccGUacu..... 1
 Gi3_26000201_x53.....ggAaacacggggugccgaacu..... 1
 Gi3_26003169_x53.....acgucgugggaacacggggGcgcgaacu..... 1
 Gi1_3627478_x53.....cgggagacgucgugggaacacggggg..... 0
 Gi3_26013398_x53.....gccccgccaaguacugcgaggaga..... 0
 Gi2_9704867_x53.....Ggggaacacggggugccga..... 1
 Gi2_9715255_x53.....gugggaacUcggggugccgaacu..... 1
 Gi5_7839836_x53.....aUgccccgccaaguacugcgaucc..... 1
 Gi3_26023136_x52.....gucgugggaacacggggugccGac..... 1
 Gi5_7852687_x52.....cgugggaacacggAgugccgaacu..... 1
 Gi3_26019964_x52.....aggccccgNcaguacugcg..... 1
 Gi2_9721662_x52.....aguacugcgauccggagacg..... 0
 Gi1_3632450_x52.....gGcugugggaacacggggugccgaacu..... 1
 Gi2_9726706_x52.....cUucgugggaacacggggugccga..... 1
 Gi5_7854871_x52.....cgucgugggaacacggggGgccgaacu..... 1
 Gi3_26029324_x52.....gAgggaacacggggugccga..... 1
 Gi2_9725926_x52.....uUgugggaacacggggugccgaacu..... 1
 Gi5_7855391_x52.....ggaacacggggugccgaGcu..... 1
 Gl1a_5241298_x52.....Uugggaacacggggugccgaac..... 1
 Gi2_9718230_x52.....gggaacacggggugccGacu..... 1
 Gi3_26020224_x52.....aGcgggagacgucgugggaacac..... 1
 Gi3_26029740_x52.....Ugagacgucgugggaacacg..... 1
 Gi2_9732412_x51.....gugggaacacAgggugccgaac..... 1
 Gi2_9734452_x51.....Uaucgggagacgucgugggaaca..... 1
 Gi3_26041900_x51.....gucguggGacacggggugccgaacu..... 1
 Gi3_26043532_x51.....ggaacacggggUAccgaacu..... 1
 Gl1a_5243652_x51.....aagagaagcgcgucaggcccc..... 0
 Gi2_9730015_x51.....ggccccgccaaguacugcgaucc..... 0
 Gi3_26043226_x51.....agaagcgcgucaggccccccaaguacu..... 0

Gi3_26055568_x51.....aggccccgccaguacCgcgauC.....1
 Gi3_26054548_x51.....gugggaacacgggguAccga.....1
 G1a_5245488_x51.....agaagcgccgucagggccccgcca.....0
 G1a_5246304_x51.....gugggaacGcggggugccgaacu.....1
 Gi3_26038330_x51.....ggaacacggggAgccgaacu.....1
 G1a_5246559_x51.....Uugggaacacggggugccga.....1
 Gi2_9741541_x51.....caguacugcgauCggagacgucgug.....0
 Gi3_26038738_x51.....gaacaAggggugccgaacu.....1
 Gi2_9738328_x51.....gggaacacNgggugccgaac.....1
 Gi3_26048989_x51.....cgugggaUcacggggugccgaacu.....1
 Gi3_26044807_x51.....Cacgucgugggaacacggggugccgaacu.....1
 Gi2_9739246_x51.....aUacgucgugggaacacggggugccgaacu.....1
 Gi2_9729046_x51.....gaGcacggggugccgaacu.....1
 Gi4_467501_x51.....cccgccaguacugcgauCggagacguc.....0
 Gi3_26056384_x51.....gugUgaacacggggugccgaacu.....1
 G1a_5247831_x50.....gucgugggaacacggggugcc.....0
 Gi2_9753695_x50.....ucgggagacgucgugggaacaUggggugcc.....1
 Gi5_7878986_x50.....gaacacggggugcUgaacu.....1
 Gi3_26075986_x50.....ugggaacacAggggugccgaac.....1
 Gi3_26069186_x50.....aucgggagacgucgugggaacacCg.....1
 Gi3_26074336_x50.....gugggaacacggggugccgaG.....1
 Gi2_9751095_x50.....aUgccccgccaguacugcgau.....1
 Gi3_26073286_x50.....ugggaacacggggugccAaac.....1
 Gi2_9755295_x50.....cgCgggaacacggggugccgaac.....1
 Gi3_26071736_x50.....aUgccccgccaguacugcgauCgg.....1
 Gi5_7880636_x50.....gGgggaacacggggugccga.....1
 G1a_5254831_x50.....ugcgauCggagacgucgug.....0
 Gi2_9751145_x50.....Gggccccgccaguacugcg.....1
 G1a_5250181_x50.....guUggaacacggggugccgaacu.....1
 Gi1_3644514_x50.....gaucgggagacgucgugggaacacgg.....0
 Gi2_9750495_x50.....gugggaacCcggggugcc.....1
 Gi3_26068386_x50.....gaucgggagacgucguggCaacacggggu.....1
 Gi3_26058986_x50.....gugggaacacggggCgcccga.....1
 Gi3_26060736_x50.....Gaggccccgccaguacugcg.....1
 Gi2_9754595_x50.....cgugggaaNacggggugcc.....1
 Gi3_26069086_x50.....ggaacacggggugcUgaac.....1
 Gi1_3642014_x50.....Aggaacacggggugccgaacu.....1
 Gi3_26062736_x50.....ggaacaUggggugccgaac.....1
 Gi2_9748995_x50.....gugNgaacacggggugccgaacu.....1
 Gi2_9748195_x50.....acgucgugggaacacggggugccgaacA.....1
 Gi3_26060086_x50.....cguNgggaacacggggugccgaacu.....1
 Gi3_26083045_x49.....cgugggaacacgUggugccgaac.....1
 Gi1_3650143_x49.....ugggaacacggggCgccgaacu.....1
 Gi2_9757062_x49.....gugggaacacggggugccgaUcu.....1
 Gi2_9762109_x49.....ugggaacacggggugccgaCcu.....1
 Gi3_26085985_x49.....gugggaacacggggGgccg.....1
 Gi3_26080644_x49.....aggccccAccaguacugcgauC.....1

Gi1_3648771_x49.....gaacGcggggugccgaacu..... 1
 Gi3_26082114_x49.....gaagcgcgucaggccccgccaguacugc..... 0
 Gl1a_5261264_x49.....ggagacgucgugggaaca..... 0
 Gi3_26080399_x49.....gugggaacaGggggugccgaacu..... 1
 Gi3_26093874_x49.....gugggaGcacggggugccgaa..... 1
 Gi5_7899512_x49.....cgggagacgucgugggaacacggg..... 0
 Gi1_3647056_x49.....gagacgucgugggaacacggggugccg..... 0
 Gi5_7889712_x49.....cUugggaacacggggugccga..... 1
 Gi2_9759561_x49.....cgAgggaacacggggugccgaac..... 1
 Gi2_9762991_x49.....Augggaacacggggugccg..... 1
 Gi5_7894857_x49.....gugggaacacggggugccgaaUu..... 1
 Gi2_9763726_x49.....gUacacggggugccgaacu..... 1
 Gi5_7895445_x49.....ggaacGcggggugccgaacu..... 1
 Gi2_9761080_x49.....Ggugggaacacggggugc..... 1
 Gi3_26084221_x49.....Ugccccgccaguacugcgau..... 1
 Gi3_26084074_x49.....ucguAggaacacggggugccgaacu..... 1
 Gi2_9764608_x49.....gccgucaggccccgccaguacugc..... 0
 Gi3_26085593_x49.....Uacgucgugggaacacggggg..... 1
 Gi3_26089023_x49.....guUggaacacggggugccg..... 1
 Gl1a_5256217_x49.....ugggaacacggggugccgCacu..... 1
 Gi5_7913888_x48.....ugggaacacggggugcUgaacu..... 1
 Gi2_9778013_x48.....cgaucggagacgucgugggaacacgggg..... 0
 Gi2_9776525_x48.....gugggaacNcggggugccg..... 1
 Gi2_9777533_x48.....aggccccgccaguacugcgauccg..... 0
 Gi3_26109872_x48.....gggaacacggAgugccgaacu..... 1
 Gi5_7902368_x48.....cgugggaacacgggAugccgaacu..... 1
 Gl1_3657401_x48.....cgugUgaacacggggugccgaacu..... 1
 Gi3_26104208_x48.....aucggagacgucgugggaacacggggG..... 1
 Gi3_26100896_x48.....cgugggaacacgCggugccgaacu..... 1
 Gl1_3654041_x48.....uUggaacacggggugccgaac..... 1
 Gi2_9773885_x48.....gaacacggggugccgCacu..... 1
 Gl1_3657017_x48.....gugggaGcacggggugccgaacu..... 1
 Gi3_26109536_x48.....ucaggccccgccaguacugcgauccggag..... 0
 Gi3_26113184_x48.....ucgugggaacacAgggugccgaacu..... 1
 Gi5_7909808_x48.....cgugggaacacggggugAcgaacu..... 1
 Gi3_26102336_x48.....gucgugggaacacggggugccgaacu..... 0
 Gi3_26114336_x48.....Ggucgugggaacacggggugccgaac..... 1
 Gi5_7901840_x48.....gugggaacacggggugcAgaacu..... 1
 Gi2_9770333_x48.....gugggaacacggggugccgCc..... 1
 Gi3_26104736_x48.....cUccaguacugcgauccggagacguc..... 1
 Gi5_7907408_x48.....gggaacGcggggugccgaacu..... 1
 Gi3_26116016_x48.....ugggaacacggggugccgaaUu..... 1
 Gl1a_5262484_x48.....Ggugggaacacggggugccgaacu..... 1
 Gl1_3656201_x48.....ucgugggaacacggggugccgCacu..... 1
 Gi2_9771389_x48.....gugggaGcacggggugcc..... 1
 Gi5_7925786_x47.....cgugggCacacggggugccgaacu..... 1
 Gi3_26126884_x47.....Uuacugcgauccggagacg..... 1

Gi1_3662931_x47.....ugggGacacggggugccgaacu..... 1
 Gi3_26132289_x47.....gugggaCcacggggugccgaac..... 1
 Gi5_7916903_x47.....ucgCgggaacacggggugccgaacu..... 1
 Gi2_9788474_x47.....cgugggaacCcggggugccgaacu..... 1
 Gi3_26135720_x47.....aucggagacgucgugggaGcacggg..... 1
 Gi5_7915822_x47.....gggaGcacggggugccgaacu..... 1
 Gi3_26129187_x47.....aggccccgccaguacugcgGuc..... 1
 Gi5_7924329_x47.....gugggaacacggggugAcgaacu..... 1
 Gi3_26129751_x47.....auUggagacgucgugggaacacgg..... 1
 Gi1_3663918_x47.....aacacggggAgccgaacu..... 1
 Gi3_26130785_x47.....aggccccgccaguacugcgaCc..... 1
 Gi3_26116779_x47.....Uagacgucgugggaacacggggugccgaac..... 1
 Gi4_472216_x47.....cUugggaacacggggugccgaacu..... 1
 Gi1_3664388_x47.....gugggaacacggggugccgCacu..... 1
 Gi3_26124628_x47.....ggaUcacggggugccgaacu..... 1
 Gi3_26134028_x47.....cccgccaguacugcgauccggagacgucg..... 0
 Gi2_9787299_x47.....Gucggagacgucgugggaacacggggugc..... 1
 Gi3_26127448_x47.....Uagacgucgugggaacacggggugccgaacu..... 1
 Gi1_3661521_x47.....ggagacgucgugggaacacggggg..... 0
 Gi3_26129093_x47.....gugggaacGcggggugccgaa..... 1
 Gi2_9800296_x46.....cgugggCacacggggugccgaacu..... 1
 Gl1_5280646_x46.....gcgauccggagacgucgug..... 0
 Gi3_26151535_x46.....aucggagCcgucgugggaacacggg..... 1
 Gi1_3668211_x46.....gaacacggggugccgCacu..... 1
 Gi2_9803148_x46.....cGccgccaguacugcgauc..... 1
 Gi2_9803424_x46.....ucgugggGacacggggugccgaacu..... 1
 Gi3_26147855_x46.....gugggaacacggggugccgG..... 1
 Gi3_26147901_x46.....cgugAgaacacggggugccgaac..... 1
 Gi5_7940275_x46.....gucgugggaacacggggugc..... 0
 Gi3_26145555_x46.....gugggGacacggggugcc..... 1
 Gl1_5280784_x46.....cgucgugggaacacggggugccgaacA..... 1
 Gi3_26146337_x46.....guggUaacacggggugccga..... 1
 Gi3_26141967_x46.....cGggccccgccaguacugcg..... 1
 Gi5_7939079_x46.....cgggagacgucgugggaacacggggugccga..... 0
 Gi3_26144911_x46.....aGcgggagacgucgugggaacacggggugcc..... 1
 Gi3_26140633_x46.....ggagacgucgugggaacacggggug..... 0
 Gi3_26142841_x46.....aacacggggugcGgaacu..... 1
 Gi3_26150937_x46.....gugggaacacggggugccgUac..... 1
 Gi3_26156917_x46.....gugggaacacgUggugccgaacu..... 1
 Gi3_26154479_x46.....aggccccgNcaguacugcga..... 1
 Gi3_26148867_x46.....aucggagacgucgugggaacGcggg..... 1
 Gi1_3667199_x46.....cgggagacgucgugggaacacgggg..... 0
 Gi3_26137735_x46.....cgggagacgucgugggaacacggggugccg..... 0
 Gi1_3667245_x46.....uUgugggaacacggggugccgaacu..... 1
 Gi5_7939263_x46.....cgugggaacacggggAgccgaacu..... 1
 Gi3_26151581_x46.....gaacacggNgugccgaac..... 1
 Gi5_7941147_x45.....cgugggaacacggggugccgaacuu..... 0

Gi5_7941372_x45.....gaacacAgggugccgaacu..... 1
 Gi3_26161558_x45.....gaagagaagcgccgucaggc..... 0
 Gi1_3671610_x45.....gcgaucggagacgucgugggaaca..... 0
 Gi2_9818934_x45.....cgucaggccccgccaguacugcgaucgg..... 0
 Gi3_26167273_x45.....cgugggaacacggggugccUaacu..... 1
 Gi2_9818664_x45.....acugcgaucggagacgucgugggaaca..... 0
 Gi3_26173078_x45.....cGggccccgccaguacugc..... 1
 Gi3_26176273_x45.....cGggccccgccaguacugc..... 1
 Gi3_26168983_x45.....gAgggaacacggggugcc..... 1
 Gi3_26175958_x45.....ugggaacaNggggugccg..... 1
 Gi2_9811914_x45.....Uucgugggaacacggggugccga..... 1
 Gi3_26162188_x45.....cgugggaacacgggCugccgaacu..... 1
 Gi1_3672150_x45.....aacacggggugccgCacu..... 1
 Gi3_26169703_x45.....Ggugggaacacggggugccg..... 1
 Gi2_9816729_x45.....Aucgugggaacacggggugccgaacu..... 1
 Gi2_9811239_x45.....gugggaacacggggugccgCac..... 1
 Gi3_26174788_x45.....Uccaguacugcgaucggagacgu..... 1
 Gi2_9814569_x45.....Uccaguacugcgaucggagacguc..... 1
 Gi2_9807864_x45.....cUucgugggaacacggggugc..... 1
 Gi3_26160613_x45.....Uggccccgccaguacugcgauc..... 1
 Gi3_26175103_x45.....cgccaguacugcgaucggagacgucg..... 0
 Gi1_3673455_x45.....ucggagacgucgugggaacacgggg..... 0
 Gi5_7943982_x45.....cgucgugggaacacggggCgccgaacu..... 1
 Gi3_26166418_x45.....gugggaacCggggugccgaa..... 1
 Gi3_26176993_x45.....gUagacgucgugggaacacggggu..... 1
 Gi3_26189409_x44.....ucgugggaacacggggCgccgaac..... 1
 Gi2_9831882_x44.....cgucgugggaacacggggGgccgaacu..... 1
 Gi4_474816_x44.....gGgggaacacggggugccgaacu..... 1
 Gi3_26192709_x44.....ggaacacggggugccgaCcu..... 1
 Gi3_26192665_x44.....cgaucggagacgucgugggaacacggggugc..... 0
 Gi2_9829242_x44.....caggccccgccaguacugcgaucggaga..... 0
 Gi1_3676493_x44.....gacgucgugggaacacggggugccgaacA..... 1
 Gi2_9825062_x44.....ggaacacggggugccgaGc..... 1
 Gi2_9822510_x44.....agacgucgugggaacacggggu..... 0
 Gi2_9823258_x44.....ugggaacacggggugccgCac..... 1
 Gi2_9824886_x44.....ugggaacacAgggugccgaacu..... 1
 Gi3_26196845_x44.....Uaucggagacgucgugggaacacgg..... 1
 Gi3_26187913_x44.....gccgucaggccccgccaguacugcgau..... 0
 Gi2_9829418_x44.....gaucggGgacgucgugggaacac..... 1
 Gi3_26188837_x44.....cguUggaacacggggugccgaacu..... 1
 Gi3_26193633_x44.....aggccccgccGguacugcgauc..... 1
 Gi5_7964143_x44.....gugggUacacggggugccgaacu..... 1
 Gi3_26181533_x44.....ggaacacggggugccgaaUu..... 1
 Gi1_3675965_x44.....gugggaacCcgggugccgaacu..... 1
 Gi3_26192753_x44.....gugggaacacggAgugcc..... 1
 Gi3_26180521_x44.....Aaacacggggugccgaac..... 1
 Gl1a_5294604_x44.....ugggaacaNggggugccgaacu..... 1

Gi2_9830738_x44.....ggaacacAgggugccgaacu..... 1
 Gi3_26179069_x44.....gugggGacacggggugccg..... 1
 Gi3_26185053_x44.....gugggaacacggggugccAa..... 1
 Gi1_3677153_x44.....gggaacacggggugccgaCcu..... 1
 Gi2_9823390_x44.....uUggaacacggggugccgaa..... 1
 Gi2_9832234_x44.....gaucggGgacgucgugggaacacggggugc..... 1
 Gi5_7961195_x44.....aGgucgugggaacacggggugccgaacu..... 1
 Gi3_26191345_x44.....ggagacgucgugggaacacggggugccga..... 0
 Gi3_26178057_x44.....Agugggaacacggggugccgaac..... 1
 Gi3_26185933_x44.....gugggaaUacggggugcc..... 1
 G1a_5300617_x43.....gGgggaacacggggugcc..... 1
 Gi1_3680974_x43.....uAggaacacggggugccgaacu..... 1
 Gi3_26218945_x43.....gagacgucgugggaacacggggugc..... 0
 G1a_5301477_x43.....gugggaGcacggggugccgaacu..... 1
 Gi2_9835132_x43.....agggccccccaguacugcgCuc..... 1
 Gi2_9839690_x43.....Agggaacacggggugccgaacu..... 1
 Gi3_26201917_x43.....ucAugggaacacggggugccgaacu..... 1
 Gi3_26209313_x43.....ugggGacacggggugccga..... 1
 Gi2_9845022_x43.....ggaacacggggugcUgaacu..... 1
 Gi3_26210689_x43.....cgugggaaNacggggugccga..... 1
 Gi3_26206733_x43.....gCgggaacacggggugccg..... 1
 Gi3_26214860_x43.....ggaacaUggggugccgaacu..... 1
 Gi3_26219762_x43.....cggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_26220149_x43.....gugggaacacAgggugccga..... 1
 Gi3_26198778_x43.....auUggagacgucgugggaacacggggg..... 1
 Gi3_26211764_x43.....cgucguggGacacggggugccgaacu..... 1
 Gi2_9840120_x43.....ugggaacaNggggugccgaac..... 1
 Gi3_26217053_x43.....cgCcgugggaacacggggugccgaacu..... 1
 Gi1_3682780_x43.....aUacgucgugggaacacggggugccgaacu..... 1
 Gi5_7974796_x43.....cgucgugggaacacggggugccgCacu..... 1
 Gi5_7971571_x43.....acgucgugNgaacacggggugccgaacu..... 1
 Gi3_26218601_x43.....aucggagacgucgugggaacacgggA..... 1
 Gi3_26204970_x43.....ggaacacggAgugccgaacu..... 1
 Gi3_26207077_x43.....uAggaacacggggugccga..... 1
 Gi2_9847129_x43.....cgggagacgucgugggaacacgggg..... 0
 G1a_5302853_x43.....ucagggccccccaguacugcgaucgg..... 0
 Gi2_9836766_x43.....cUgagacgucgugggaacacggggugc..... 1
 Gi2_9844764_x43.....Uggaacacggggugccga..... 1
 Gi3_26231755_x42.....aAgccccccaguacugcgauc..... 1
 Gi2_9850837_x42.....gucgugggaacCcgggugccgaacu..... 1
 Gi3_26226379_x42.....gugggaacacggggugcUg..... 1
 Gi1_3689477_x42.....gacgucgugggaacacggggugccgaac..... 0
 Gi2_9847897_x42.....cgugggaacacggggugAcgaacu..... 1
 Gi3_26226883_x42.....ggaacacggAgugccgaac..... 1
 Gi1_3688595_x42.....aacacggggugccAaacu..... 1
 Gi1_3691157_x42.....gaGcacggggugccgaacu..... 1
 Gi5_7987090_x42.....gugggaCcacggggugccgaacu..... 1

Gi5_7986922_x42.....gugggaacNcggggugccgaac..... 1
Gi5_7983226_x42.....gAaacacggggugccgaacu..... 1
Gi2_9849157_x42.....gAgggaacacggggugccg..... 1
Gi3_26232301_x42.....ggaacacggggugccgaCc..... 1
Gi5_7978984_x42.....Uucgugggaacacggggugccgaac..... 1
Gi2_9848611_x42.....cggGgacgucgugggaacacgggg..... 1
Gi3_26225287_x42.....aCcgagacgucgugggaacacg..... 1
Gi3_26239777_x42.....aucggagGcgucgugggaacacg..... 1
Gi2_9861001_x42.....aGcggagacgucgugggaacacg..... 1
Gi3_26222893_x42.....guUggaacacggggugccgaa..... 1
Gi3_26228185_x42.....gUccccgccaguacugcgau..... 1
Gi2_9857515_x42.....gucgugggaacacgggg..... 0
Gi3_26230873_x42.....gcgccgucaggccccgccaguacug..... 0
G1a_5312145_x42.....gaucggagacgucgugggaacacg..... 0
Gi2_9857473_x42.....aUacgucgugggaacacggggugc..... 1
Gi1_3687041_x42.....gAgggaacacggggugccgaacu..... 1
Gi1_3690989_x42.....ugggaGcacggggugccgaacu..... 1
Gi3_26231125_x42.....aUacgucgugggaacacggggugcc..... 1
Gi3_26223607_x42.....gugggaacGcggggugccg..... 1
Gi2_9864395_x41.....gUaacacggggugccgaa..... 1
Gi5_7996692_x41.....gggagacgucgugggaacacggggugccgaacu..... 0
Gi3_26255895_x41.....Uuacugcgaucgggagacgucgug..... 1
Gi5_8001776_x41.....gggaacacggggGgccgaacu..... 1
Gi1_3695848_x41.....Agaacacggggugccgaacu..... 1
Gi3_26240110_x41.....gCacacggggugccgaacu..... 1
Gi3_26252410_x41.....cgugggaacaAggggugccgaacu..... 1
Gi1_3692076_x41.....ucgugggGcacggggugccgaacu..... 1
Gi2_9866322_x41.....ggaacacggggugccAaacu..... 1
Gi3_26242529_x41.....gugAgaacacggggugcc..... 1
Gi2_9868782_x41.....ucggGgacgucgugggaacacgg..... 1
Gi5_7998209_x41.....ucgugggaGcacggggugccgaacu..... 1
Gi3_26253804_x41.....Cugggaacacggggugccg..... 1
Gi3_26253148_x41.....ccgucaggccccgccaguacugcgau..... 0
Gi3_26248638_x41.....gggagacgucgugggaacacgggg..... 0
Gi2_9871201_x41.....gaaacAcAgggugccgaacu..... 1
Gi5_7990952_x41.....ugggaacacggggAgccgaacu..... 1
Gi5_7993166_x41.....gCgaacacggggugccgaacu..... 1
Gi2_9866691_x41.....gaagcgccgucaggccccccagua..... 0
Gi2_9865338_x41.....gggaacacggAgugccgaacu..... 1
G1a_5314654_x41.....cUucaggccccgccaguacugcg..... 1
Gi2_9869684_x41.....aacacggggAgccgaacu..... 1
Gi5_8006734_x40.....gggaacacggggugccgaGcu..... 1
Gi2_9877850_x40.....Uaagcgccgucaggcccc..... 1
Gi3_26280010_x40.....gggaacCcggggugccgaacu..... 1
Gi2_9883890_x40.....cgccgucaggccccgccaguacugcgau..... 0
Gi1_3701277_x40.....cgugggaacacggggugccgaCcu..... 1
Gi1_3702037_x40.....gUaacacggggugccgaacu..... 1

Gi2_9880010_x40.....gggaacacggggugccgaCc..... 1
 Gi4_479774_x40.....cgccaguacugcgauccgagacgucgug..... 0
 Gi2_9884250_x40.....ggUgacgucgugggaaacacggggugcc..... 1
 Gi1_3701557_x40.....guggUaacacggggugccgaacu..... 1
 Gi5_8010294_x40.....aacacggggugccgaCcu..... 1
 Gi2_9884570_x40.....Gucggagacgucgugggaaacac..... 1
 Gi1_3700477_x40.....gugggaacacggggugccgaCcu..... 1
 Gi5_8015894_x40.....ugggaacacggggugccgaCcu..... 1
 Gi2_9876490_x40.....ucguUggaacacggggugccgaacu..... 1
 Gl1a_5322148_x40.....aUuacugcgauccgagacguc..... 1
 Gi3_26273810_x40.....cguAggaacacggggugccgaac..... 1
 Gi2_9885530_x40.....cgugggaacacggggugccgCac..... 1
 Gi3_26279330_x40.....aacUcggggugccgaacu..... 1
 Gi3_26268970_x40.....Agggaaacacggggugccgaac..... 1
 Gl1a_5322628_x40.....cgugggaacacggggugccgaac..... 0
 Gi2_9878130_x40.....cccgccaguacugcgauccgagacgucg..... 0
 Gi5_8009854_x40.....ucguUggaacacggggugccgaacu..... 1
 Gi3_26273970_x40.....cgCgggaacacggggugccga..... 1
 Gi3_26266370_x40.....gaacacggUgugccgaacu..... 1
 Gi1_3700597_x40.....acgucgugggaacacggggugccgaac..... 0
 Gi3_26267770_x40.....aCcgagacgucgugggaaacacggg..... 1
 Gi5_8012734_x40.....ucgugggaacCcgggugccgaacu..... 1
 Gi3_26270650_x40.....cUucaggccccgccaguacug..... 1
 Gl1a_5330397_x39.....ccccgccaguacugcgauccg..... 0
 Gl1a_5329695_x39.....cgucaggccccgccaguac..... 0
 Gi3_26295666_x39.....aucggagacgucgUggaacacggggugc..... 1
 Gi3_26292273_x39.....cgucaggccccgccaguacugcgauccg..... 0
 Gi3_26285526_x39.....aUagaagcgccgucaggccccgcc..... 1
 Gi5_8019767_x39.....cgugggUaacacggggugccgaacu..... 1
 Gi3_26296797_x39.....Aucgugggaacacggggugccgaac..... 1
 Gi2_9888907_x39.....aggccccgccGguacugcgaucc..... 1
 Gi3_26295861_x39.....cggagacgucgugggaaacacggggugccgaa..... 0
 Gi2_9899983_x39.....ggaacacggggugUcgaacu..... 1
 Gl1a_5335233_x39.....cUugggaacacggggugcc..... 1
 Gi2_9900451_x39.....agaagcgccgucaggccccgccagua..... 0
 Gi3_26294808_x39.....cgCgugggaacacggggugcc..... 1
 Gi2_9899320_x39.....aguacugcgauccgagacgucg..... 0
 Gi5_8023199_x39.....ucggagacgucgugggaaacacggggugc..... 0
 Gi2_9889063_x39.....gccccgccaguacugcg..... 0
 Gi3_26294730_x39.....gggaacacggggugcAgaacu..... 1
 Gi2_9898189_x39.....Gucggagacgucgugggaaacacggggugcc..... 1
 Gi3_26286072_x39.....gaUcacggggugccgaac..... 1
 Gi2_9891988_x39.....guAggaacacggggugccgaac..... 1
 Gi3_26303193_x39.....agUccccgccaguacugc..... 1
 Gi2_9892651_x39.....acgucgugggaacacggggugccga..... 0
 Gl1a_5334726_x39.....Ugaacacggggugccgaac..... 1
 Gi2_9896083_x39.....Gucggagacgucgugggaaaca..... 1

Gi3_26293170_x39.....gugggaGcacggggugccg..... 1
 Gi3_26286423_x39.....ggaacacggggUccgaacu..... 1
 Gi3_26301087_x39.....ggaacacgAggugccgaac..... 1
 Gi3_26294886_x39.....ugggaacacggggugcUgaac..... 1
 Gi2_9894367_x39.....aacacggggugccgCacu..... 1
 Gi3_26302803_x39.....acgucgugggaacacggggugccgCacu..... 1
 Gi1_3706817_x39.....cgucgugggaacacggggugccg..... 0
 Gi3_26287398_x39.....aucggagacgucgugggGacacggg..... 1
 Gi2_9895381_x39.....agacgucgugggaacacggggugccga..... 0
 Gi2_9899554_x39.....gugggaacGcggggugcc..... 1
 Gi5_8024603_x39.....aacacggggGgccgaacu..... 1
 Gi3_26291688_x39.....gGcgucgugggaacacggggugccgaacu..... 1
 Gi2_9888166_x39.....Gucggagacgucgugggaacacggg..... 1
 Gi2_9898462_x39.....guggUaacacggggugcc..... 1
 Gi3_26293209_x39.....gacgucgugggaacacggggugc..... 0
 Gi1_3708338_x39.....gGgggaacacggggugcc..... 1
 Gi3_26286579_x39.....gGucggagacgucgugggaacacggg..... 1
 Gi1_3702917_x39.....gacgucgCgggaacacggggugccgaac..... 1
 Gi5_8018675_x39.....cUugggaacacggggugcc..... 1
 Gl1_5331567_x39.....gugggaacacggggugccgCacu..... 1
 Gi3_26319216_x38.....gugggCacacggggugccgaac..... 1
 Gl1_5340570_x38.....aucggagacgucgugggaacac..... 0
 Gi2_9901555_x38.....Ugugggaacacggggugccgaac..... 1
 Gi2_9909497_x38.....cgugggaacacggggugccgaCc..... 1
 Gi2_9902543_x38.....cgCcgugggaacacggggugccgaacu..... 1
 Gi3_26308994_x38.....aUagaagcgccgucaggccccgc..... 1
 Gi3_26308576_x38.....Gcaggccccgccaguacugcgauc..... 1
 Gi3_26322598_x38.....aucggagacgucgugggCacacg..... 1
 Gi1_3713784_x38.....gGgggaacacggggugccgaac..... 1
 Gl1_5337796_x38.....aggccccccaguacCgc..... 1
 Gi3_26320166_x38.....aucggagacgucgugggaGcacgg..... 1
 Gi3_26319140_x38.....Uucgugggaacacggggugc..... 1
 Gi1_3710212_x38.....ugggaacGcggggugccgaacu..... 1
 Gl1_5339734_x38.....cccgccaguacugcgagacgu..... 0
 Gi3_26311046_x38.....gugggaGcacggggugcc..... 1
 Gi3_26313022_x38.....Uaagagaagcgccgucaggccccgcc..... 1
 Gi3_26316442_x38.....Nugggaacacggggugccgaacu..... 1
 Gi1_3709718_x38.....ucgugggaacacggggugccgaa..... 0
 Gi3_26321610_x38.....gugggaacacggggugUc..... 1
 Gi1_3710782_x38.....gugggaacacggggugccAaacu..... 1
 Gi2_9910371_x38.....gugggaacacggggugccgGac..... 1
 Gi1_3713860_x38.....ggaacacggggCgccgaacu..... 1
 Gi5_8032949_x38.....ugggaacacgAggugccgaacu..... 1
 Gi5_8035229_x38.....ugggaacaUggggugccgaacu..... 1
 Gi3_26327310_x38.....cgugggaCcacggggugccgaac..... 1
 Gi1_3714278_x38.....ggaacacggggugccgCacu..... 1
 Gi2_9904861_x38.....cGggccccccaguacugcgauc..... 1

Gi3_26306296_x38.....gugCgaacacggggugccgaacu..... 1
Gi2_9901175_x38.....Uacgucgugggaacacggggugccg..... 1
Gi3_26317772_x38.....cgugggaacacggggugccgaaA..... 1
Gi3_26311312_x38.....cUccaguacugcgauccggagacg..... 1
Gi2_9908167_x38.....gagacgucgugggaacacggggugccgaac..... 0
Gi1_3710744_x38.....acgucgCgggaacacggggugccg..... 1
Gi1_3708882_x38.....ucgugggaacGcggggugccgaacu..... 1
Gi3_26316404_x38.....uCggaacacggggugccgaa..... 1
G1a_5339012_x38.....guggUaacacggggugccgaacu..... 1
Gi2_9912993_x38.....cUucgugggaacacggggugccgaac..... 1
Gi3_26307170_x38.....ugggaacacggggCgccgaa..... 1
Gi2_9903075_x38.....cccgccaguacugcgauccggagacgu..... 0
Gi3_26327044_x38.....guUgugggaacacggggugccgaac..... 1
G1a_5337948_x38.....cgucaggccccgccaguacugcgauccg..... 0
G1a_5343686_x38.....aucggagacgucgugggaacacgggg..... 0
Gi5_8031201_x38.....gGgggaacacggggugccgaa..... 1
G1a_5341938_x38.....gugggaacCcgggugccgaacu..... 1
Gi3_26321572_x38.....gugggaacacggggCgccg..... 1
Gi2_9914486_x37.....ggaacacggggugccgaCcu..... 1
Gi3_26343001_x37.....gaucggagacguUgugggaacacggg..... 1
Gi3_26327609_x37.....aUcgcggucaggccccgccagu..... 1
Gi2_9924661_x37.....Gcaggccccgccaguacugc..... 1
Gi3_26350660_x37.....cguUgugggaacacggggugccgaacu..... 1
Gi2_9924402_x37.....aacacggggugccgGacu..... 1
Gi2_9918001_x37.....ggaGcacggggugccgaac..... 1
Gi3_26346479_x37.....gugggaacacggggugcUga..... 1
Gi3_26333640_x37.....gaaacacggggCgccgaa..... 1
Gi3_26332974_x37.....gaagagGagcgcggucaggccccgcc..... 1
Gi1_3716548_x37.....ggaacacggggugccgaacuu..... 0
Gi2_9915633_x37.....Gggccccgccaguacugcga..... 1
Gi3_26350290_x37.....ugggCacacggggugccgaacu..... 1
Gi2_9917742_x37.....cccgccaguacugcgauccggagacgucg..... 0
Gi3_26338006_x37.....Uaacacggggugccgaacuu..... 1
Gi2_9921442_x37.....aCgccccgccaguacugcgauc..... 1
Gi2_9925882_x37.....cgugggaacUcggggugccgaacu..... 1
G1a_5350800_x37.....gGgggaacacggggugccgaa..... 1
G1a_5345916_x37.....gccaguacugcgauccggagacgucg..... 0
Gi5_8053663_x37.....ucgugggaacacggggGgccgaacu..... 1
Gi3_26347071_x37.....aucggagacgucgugggaCcacggg..... 1
Gi3_26346627_x37.....cguggUaacacggggugccgaacu..... 1
Gi2_9919814_x37.....gugggaacacggggugcUgaac..... 1
Gi1_3719397_x37.....Gcuggggaacacggggugccgaac..... 1
Gi1_3715586_x37.....Uucgugggaacacggggugcc..... 1
G1a_5345768_x37.....cgauccggagacgucgugggaacacggg..... 0
Gi2_9918593_x37.....cgccaguacugcgauccggagacgucgu..... 0
Gi2_9922774_x37.....aacacAgggugccgaacu..... 1
Gi3_26336082_x37.....ugggaacacgggUugccgaac..... 1

Gi2_9917853_x37.....Gagggccccccagucugcggauc..... 1
 Gi3_26328978_x37.....aUuacugcgauccggagacg..... 1
 Gi2_9917113_x37.....gcgaucggagacgucgugggaacacgg..... 0
 Gi2_9913487_x37.....cgugggaacacggggugccgaGc..... 1
 Gi3_26333344_x37.....acgucgugggaacacggggGgccgaacu..... 1
 Gi3_26371307_x36.....ugggaacacggggugccgaG..... 1
 Gi2_9941103_x36.....aguacugcgauccggGgacgucguggg..... 1
 Gi2_9940203_x36.....gagaagcgccgucagggccccgccaaguacu..... 0
 Gi3_26362055_x36.....aacacggggugccgaaAu..... 1
 Gi1_3723243_x36.....aucggagacgucgCgggaacacggggugcc..... 1
 Gi5_8062888_x36.....cgCcgugggaacacggggugccgaacu..... 1
 Gi2_9936747_x36.....Uacacggggugccgaacu..... 1
 Gi1a_5359379_x36.....ggaacacgNggugccgaacu..... 1
 Gi3_26359751_x36.....gggaacacggggugccAaac..... 1
 Gi5_8065480_x36.....gUGaacacggggugccgaa..... 1
 Gi3_26374619_x36.....ucgugggaacaUggggugccgaacu..... 1
 Gi3_26362235_x36.....ucgugggaacacggggugccgaGc..... 1
 Gi5_8060152_x36.....aacacggAgugccgaacu..... 1
 Gi3_26357843_x36.....cgucagggccccgccaaguacugcgaucc..... 0
 Gi3_26358563_x36.....acgucgugggaacGcggggugccgaacu..... 1
 Gi3_26354315_x36.....aUuacugcgauccggagacgucgug..... 1
 Gi3_26363207_x36.....cUccgucagggccccgccaaguacugc..... 1
 Gi1_3724431_x36.....Ugagacgucgugggaacacggggugcc..... 1
 Gi2_9932031_x36.....ucgugggaacacggggGgccgaacu..... 1
 Gi3_26361011_x36.....agacgucgugggaacacggggugccgaa..... 0
 Gi3_26356655_x36.....aUaagcgccgucagggccccgcca..... 1
 Gi3_26357627_x36.....gcgaucggagacgucgugggaacacggggugcc..... 0
 Gi5_8056192_x36.....gAgaacacggggugccgaacu..... 1
 Gi2_9935739_x36.....aacacggggugcUgaacu..... 1
 Gi1_3722523_x36.....uCggaacacggggugccgaacu..... 1
 Gi3_26370947_x36.....Gcgugggaacacggggugc..... 1
 Gi3_26371703_x36.....aggcccUgccaguacugcgaucc..... 1
 Gi3_26363243_x36.....cgugggaacacggggugccgGac..... 1
 Gi2_9938691_x36.....Uaucggagacgucgugggaacacggggug..... 1
 Gi2_9941031_x36.....gugggaacacAgggugcc..... 1
 Gi3_26364971_x36.....cgugggaacacggggugcGgaacu..... 1
 Gi1a_5355887_x36.....gagacgucgugggaacacg..... 0
 Gi2_9935955_x36.....cUgagacgucgugggaacacggggg..... 1
 Gi2_9937935_x36.....gGgacgucgugggaacacggggugccg..... 1
 Gi5_8056264_x36.....gaacacggggugccAaacu..... 1
 Gi1_3720579_x36.....ggagacgucgugggaacacggggugc..... 0
 Gi2_9932535_x36.....gUGaacacggggugccgaa..... 1
 Gi5_8059684_x36.....uUcgauccggagacgucgug..... 1
 Gi3_26373251_x36.....gaacacggggugGcgaacu..... 1
 Gi3_26374403_x36.....gcgaucggagacgucgugggaac..... 0
 Gi5_8054860_x36.....ggagacgucgugggaacacggggugcc..... 0
 Gi3_26353991_x36.....aucggagacgCcgugggaacacggggg..... 1

Gi3_26361947_x36.....guAggaacacggggugccga..... 1
 Gi3_26353163_x36.....Gucggagacgucguggaacacggggugcc..... 1
 Gi1_3726159_x36.....ucguggaacacggggugccgaGcu..... 1
 Gi2_9940923_x36.....ucguggaacGcggggugccgaacu..... 1
 Gi3_26372099_x36.....cgucguggaacacggggugccAaacu..... 1
 Gi2_9945919_x35.....gccaguacugcgauccggGgacgucgug..... 1
 Gi3_26385755_x35.....ggaacCcggggugccgaac..... 1
 Gi5_8076664_x35.....uggaacUcggggugccgaacu..... 1
 Gi3_26381940_x35.....cguggaaNacggggugccgaa..... 1
 Gi3_26394295_x35.....cguggaaUacggggugccgaac..... 1
 Gi5_8068264_x35.....gaacaUggggugccgaacu..... 1
 Gi5_8078589_x35.....guggaacacggggugccgUacu..... 1
 Gi3_26374870_x35.....ucUuggaacacggggugccgaacu..... 1
 Gi3_26396640_x35.....cgauccggagacgucguggaacacggggugcc..... 0
 Gi1_3733112_x35.....cgugggGacacggggugccgaacu..... 1
 Gi3_26386420_x35.....aucggagacgucgugggGacacggggg..... 1
 Gi3_26394190_x35.....gggaacacggggugccgaaAu..... 1
 Gi3_26379875_x35.....aucggagacgCcguggaacacggg..... 1
 Gi3_26389220_x35.....guggaacacggggugccCaacu..... 1
 Gi2_9947669_x35.....cgccaguacugcgauccggGgacgucgug..... 1
 Gi3_26384670_x35.....Aggaacacggggugccgaa..... 1
 Gi3_26385580_x35.....uggaacacggggugccgC..... 1
 Gi2_9942104_x35.....ccaguacugcgauccggGgacgucgug..... 1
 Gi5_8071484_x35.....ggagacgucgugggaaca..... 0
 Gi3_26388940_x35.....aUaagcgccgucaggcccc..... 1
 Gi3_26376655_x35.....cgucgCgggaacacggggugccgaacu..... 1
 Gi2_9946269_x35.....guAggaacacggggugcc..... 1
 Gi3_26385965_x35.....cgucguggaacacggggugccgaGcu..... 1
 Gi2_9955544_x35.....gCaacacggggugccgaac..... 1
 Gi3_26378300_x35.....ucgugAgaacacggggugccgaacu..... 1
 Gi2_9941999_x35.....Uccgucaggccccgccaguacugcg..... 1
 Gi2_9949069_x35.....cUucaggccccgccaguacugcg..... 1
 Gl1a_5367175_x35.....guggaacacAgggugccgaacu..... 1
 Gl1a_5365635_x35.....aagagaagcgccgucaggccccgccc..... 0
 Gi3_26385300_x35.....Agccccgccaguacugcgaucc..... 1
 Gi2_9952009_x35.....ucggGgacgucguggaacacggggug..... 1
 Gi3_26375570_x35.....cguggaacacggggugcAgaac..... 1
 Gi2_9944869_x35.....gagaagcgccgucaggcccc..... 0
 Gi1_3728702_x35.....gagaagcgccgucaggccccgccaguacuU..... 1
 Gi3_26377180_x35.....cguggaacacgAggugccgaac..... 1
 Gi1_3731292_x35.....cCuggaacacggggugccgaacu..... 1
 Gi1_3727092_x35.....ucguUggaacacggggugccgaacu..... 1
 Gi1_3730627_x35.....guAggaacacggggugccgaacu..... 1
 Gi3_26387330_x35.....gggUacacggggugccgaacu..... 1
 Gl1a_5361225_x35.....gacgucguggaacacggggugccgaacu..... 0
 Gi3_26394680_x35.....aucggagacgucguggaacGcg..... 1
 Gi2_9955159_x35.....gAgggaacacggggugcc..... 1

Gi3_26375535_x35.....gggaacacggggugcUgaac..... 1
 Gi1_3730417_x35.....aucggagacgucgugggaacacggg..... 0
 Gi1_3730802_x35.....cgugggaacacggggugccgaGcu..... 1
 Gi4_486007_x35.....aucggagacgucgugggaacacggggugcc..... 0
 Gi5_8068054_x35.....gggUacacggggugccgaacu..... 1
 Gi2_9943749_x35.....aggccccgNcaguacugcga..... 1
 Gi3_26382535_x35.....gGcgugggaacacggggugcc..... 1
 Gi2_9949279_x35.....cgugggaacacggggGgccgaac..... 1
 Gi1a_5362170_x35.....cgaucggagacgucgugggaa..... 0
 Gi2_9970179_x34.....cgucaggccccgccaguacugcgaucg..... 0
 Gi3_26414836_x34.....Ugucgugggaacacggggugccgaacu..... 1
 Gi1_3734407_x34.....acugcgaucggagacgucgugggaaca..... 0
 Gi5_8091689_x34.....ugggaaacCcggggugccgaacu..... 1
 Gi2_9959265_x34.....ugggaaacacgggUugccgaacu..... 1
 Gi5_8083733_x34.....Augggaacacggggugccgaac..... 1
 Gi1a_5368014_x34.....gugggaacacggggugccgGacu..... 1
 Gi3_26409838_x34.....ucgugggaacacggggugccgaUc..... 1
 Gi2_9956239_x34.....gugggaacaUggggugccgaac..... 1
 Gi5_8081557_x34.....Ccgugggaacacggggugccgaacu..... 1
 Gi5_8083699_x34.....gucgugggaacacggggGgccgaacu..... 1
 Gi3_26416944_x34.....gaacacggggugAcgaacu..... 1
 Gi3_26404296_x34.....gagaagcgccgucaggccccgccaguacugc..... 0
 Gi3_26406132_x34.....gAgggaacacggggugccgaa..... 1
 Gi3_26416706_x34.....Gccccgccaguacugcgauc..... 1
 Gi1a_5370054_x34.....cgugggaaNacggggugccgaacu..... 1
 Gi2_9956613_x34.....aucggagaNgucgugggaacacggggugc..... 1
 Gi1_3733285_x34.....cgugggaGcacggggugccgaacu..... 1
 Gi3_26410416_x34.....ugggaGcacggggugccga..... 1
 Gi5_8084889_x34.....gaagcgccgucaggccccgccaguacugc..... 0
 Gi2_9968139_x34.....ugggaaacacggggugccgGacu..... 1
 Gi3_26417080_x34.....gugggaacacggggugAcgaac..... 1
 Gi2_9959333_x34.....aucggagacgucgugggaGcacggggu..... 1
 Gi1_3733761_x34.....aacacggggugccgGacu..... 1
 Gi2_9958007_x34.....Augggaacacggggugccga..... 1
 Gi5_8092097_x34.....gucgugggNacacggggugccgaacu..... 1
 Gi3_26418508_x34.....uAggaaacacggggugccgaa..... 1
 Gi2_9958585_x34.....aGcggagacgucgugggaacacggggug..... 1
 Gi3_26412116_x34.....ugcgaucggagacgucgugggaacacgggggu..... 0
 Gi2_9956919_x34.....cgCgggaacacggggugcc..... 1
 Gi2_9965589_x34.....cgaucggagacgucgugggaacacgggg..... 0
 Gi3_26399910_x34.....ggaacacggggguAccgaac..... 1
 Gi2_9971029_x34.....cgucgugggaacacacggggugccgCacu..... 1
 Gi2_9962665_x34.....gugggaacacggggGgccg..... 1
 Gi2_9961339_x34.....gAaacacggggugccgaac..... 1
 Gi1a_5368524_x34.....gaagcgccgucaggccccgcc..... 0
 Gi2_9963821_x34.....cugcgaucggagacgucgugggaacac..... 0
 Gi2_9963379_x34.....Uaagagaagcgccgucaggccccgcc..... 1

Gi2_9964161_x34.....agccccgccaguacAgcgauC..... 1
 Gi3_26411470_x34.....gaucggagacgucgugggaacacggggugccg..... 0
 Gi2_9959435_x34.....cgucaggccccgccaguacugcgauCgga..... 0
 Gi2_9959061_x34.....aagagaagcgccgucaggccccgCag..... 0
 Gi5_8084481_x34.....gGgggaacacggggugcc..... 1
 Gi2_9967493_x34.....ggaacGcggggugccgaac..... 1
 Gi3_26406472_x34.....guggUaacacggggugccgaa..... 1
 Gi3_26405350_x34.....gucgugggaacacggggGgccgaac..... 1
 G1a_5371924_x34.....gaucggagacgucgugggaacacgg..... 0
 Gi2_9979776_x33.....ggGacacggggugccgaac..... 1
 Gi1_3741753_x33.....aucggagacgucGgggaacacgggg..... 1
 G1a_5382125_x33.....Agaacacggggugccgaacu..... 1
 Gi1_3738783_x33.....Uugggaacacggggugccgaacu..... 1
 Gi3_26441395_x33.....agccccgccagCacugcgauC..... 1
 Gi2_9982152_x33.....Ggacgucgugggaacacggggugccgaacu..... 1
 Gi5_8093742_x33.....cgGcgugggaacacggggugccgaacu..... 1
 Gi2_9974793_x33.....ugggaaUacggggugccgaacu..... 1
 Gi3_26428888_x33.....gggaacacgggAugccgaacu..... 1
 Gi2_9976113_x33.....gCgcccugcaggccccgccaguacug..... 0
 Gi2_9984297_x33.....cgugggaacacggggugccgaUC..... 1
 Gi3_26433145_x33.....aUaagcgccgucaggccc..... 1
 G1a_5376317_x33.....UuacugcgauCggagacguc..... 1
 Gi5_8100573_x33.....gaacacgAggugccgaacu..... 1
 Gi5_8096745_x33.....gGgggaacacggggugccgaacu..... 1
 Gi3_26420275_x33.....cgucgugggaacacggggGgcc..... 1
 G1a_5382356_x33.....gAgggaacacggggugccgaacu..... 1
 Gi3_26430769_x33.....Uacgucgugggaacacggggugccg..... 1
 Gi2_9977136_x33.....ccgccaguacugcgauCggGgacgucgug..... 1
 Gi3_26426347_x33.....UccaguacugcgauCgga..... 1
 Gi2_9975189_x33.....gugggaGcacggggugccg..... 1
 Gi2_9975849_x33.....cgugggGacacggggugccgaac..... 1
 Gi1_3740829_x33.....Uugggaacacggggugccga..... 1
 Gi3_26427502_x33.....ggaacacggggugUcgaac..... 1
 Gi2_9983307_x33.....Ggggaacacggggugccg..... 1
 Gi5_8096712_x33.....aGcgggagacgucgugggaacacg..... 1
 Gi3_26437006_x33.....gugggaacacggggugccgC..... 1
 Gi2_9978423_x33.....gggaacaUggggugccgaacu..... 1
 Gi3_26427106_x33.....gucgugggaacacAgggugccgaacu..... 1
 Gi3_26429581_x33.....gugggaacacgCggugccgaacu..... 1
 Gi3_26441329_x33.....cguggAaacacggggugccgaac..... 1
 Gi3_26439811_x33.....cgugggaacacggggUaccgaac..... 1
 Gi3_26425819_x33.....gGcaggccccgccaguacug..... 1
 Gi2_9971988_x33.....gCgauCggagacgucgugggaaca..... 0
 Gi2_9979611_x33.....gugggaacacggUgugccgaac..... 1
 Gi3_26438590_x33.....gucgugggNacacggggugccgaac..... 1
 Gi3_26441857_x33.....gGucggagacgucgugggaacacgggg..... 1
 Gi1_3741456_x33.....cgugggaacacggggGgccgaacu..... 1

Gi2_9977862_x33.....ugggaacacggggugccAaacu..... 1
 Gi3_26432749_x33.....gugggaacacgAggugcc..... 1
 Gi3_26433607_x33.....aCcgagacgucgugggaacacggggu..... 1
 Gi2_9982317_x33.....ggaacacggggugccgaUc..... 1
 Gi3_26426677_x33.....ugUgaacacggggugccga..... 1
 Gi3_26444365_x33.....Uaggccccgccaguacugcgau..... 1
 Gi1_3739542_x33.....Ccgugggaacacggggugccgaacu..... 1
 Gi3_26421166_x33.....gagacgucgugggaacacggggugccga..... 0
 Gi3_26420704_x33.....Gggccccgccaguacugcgau..... 1
 Gi2_9983802_x33.....gucgugggGacacggggugccgaacu..... 1
 Gi5_8094633_x33.....uggAaacacggggugccgaacu..... 1
 Gi2_9980337_x33.....uacugcgauccggagacgucgugggaaca..... 0
 Gi1_3745568_x32.....cgaucggagacgucgugggaacacgggguU..... 1
 Gi3_26459614_x32.....aggccccgccaguGcugcgau..... 1
 Gi3_26459518_x32.....gucgCgggaacacggggugccgaacu..... 1
 Gi1_3745504_x32.....acgucgugggaacacggggugccga..... 0
 Gi3_26447678_x32.....aggccccgccaguacuAcgau..... 1
 Gi5_8109254_x32.....Ggugggaacacggggugccgaac..... 1
 Gi1_3747712_x32.....gaacacggggugccgGacu..... 1
 Gi5_8107078_x32.....ucgugggaacacggggugccgaacu..... 1
 Gi3_26453214_x32.....gucgugggaacacggggugccgGacu..... 1
 Gi3_26445854_x32.....cgugggaacacggUgugccgaacu..... 1
 Gi3_26451550_x32.....cgugggaaNacggggugc..... 1
 Gi3_26462110_x32.....aggccUcgccaguacugcgau..... 1
 Gi5_8109126_x32.....gugggaacCcggggugccgaac..... 1
 Gi2_9996253_x32.....gugAgaacacggggugccgaac..... 1
 Gi3_26452478_x32.....ucgugggaacacggggugccgaCcu..... 1
 Gi3_26469214_x32.....gugggaacacggggAgcc..... 1
 Gi3_26464606_x32.....gaacacggggugccgaGc..... 1
 Gi3_26461790_x32.....gagaagcgccgucaggccccgccaguacug..... 0
 Gi3_26449150_x32.....cUucgugggaacacgggg..... 1
 Gi5_8108326_x32.....Uagacgucgugggaacacggggugccgaacu..... 1
 Gi3_26457470_x32.....Ggucaggccccgccaguacugc..... 1
 Gi3_26447390_x32.....guNggaaacacggggugccgaacu..... 1
 Gi3_26468446_x32.....cgugggaacacggCgugccgaacu..... 1
 Gi1_3744544_x32.....caggccccgccaguacugcgauccggagacg..... 0
 Gi3_26453470_x32.....cgggagacgucgugggaacacggggugccgaac..... 0
 Gi3_26458462_x32.....ucgugggGacacggggugccgaac..... 1
 Gi2_9995805_x32.....gggaacacAgggugccgaacu..... 1
 Gi2_9992189_x32.....gugggaacacgAggugccgaac..... 1
 Gi5_8110886_x32.....gCgggaacacggggugccgaac..... 1
 Gi3_26458078_x32.....cgGcgugggaacacggggugcc..... 1
 Gi1_3747520_x32.....gagacgucgCgggaacacggggugcc..... 1
 Gi1_3746368_x32.....aucggagacgucgCgggaacacggggugc..... 1
 Gi3_26458686_x32.....ggaacacgggAugccgaacu..... 1
 Gi1a_5387533_x32.....Uugggaacacggggugccg..... 1
 Gi2_9995933_x32.....ucgGgggaacacggggugccgaacu..... 1

Gi2_9997693_x32.....aGcggagacgucgugggaacacggg..... 1
 Gl1a_5384269_x32.....ggUacacggggugccgaacu..... 1
 Gi2_9997853_x32.....aucggagaNgucgugggaacac..... 1
 Gi3_26447710_x32......gaaNacggggugccgaacu..... 1
 Gi3_26458910_x32......ggaacacggggugcAgaacu..... 1
 Gi3_26445374_x32......gugggaaAacggggugcc..... 1
 Gi3_26465278_x32......Gcaggccccgccaguacugcg..... 1
 Gi4_488999_x32......gaacacggggugccgaacu..... 0
 Gi2_9998013_x32......gggaacacggggugccAaacu..... 1
 Gi3_26461022_x32......cUgagacgucgugggaacacg..... 1
 Gi5_8105638_x32......ugggaacacgggguAccgaacu..... 1
 Gi2_9992317_x32......gCcgugggaacacggggugccgaacu..... 1
 Gi3_26484939_x31......gucaggccccgccaguacugcgga..... 0
 Gi2_10010868_x31......Agccccgccaguacugcgau..... 1
 Gi5_8122844_x31......gggaacacggggugccGacu..... 1
 Gi2_10012294_x31......ggGgacgucgugggaacacggggugccg..... 1
 Gi3_26484970_x31......gugggaacacggggugAc..... 1
 Gi3_26480351_x31......cgAcgugggaacacggggugccgaacu..... 1
 Gi3_26472539_x31......gugggaacaAggggugccgaac..... 1
 Gi2_10004327_x31......aucggagacgucgugggaCcacggggu..... 1
 Gi5_8122658_x31......gagaagcgccgucagggccccgccaguacug..... 0
 Gi1_3751695_x31......ugcgaucggagacgucgugggaacacg..... 0
 Gi2_10003707_x31......guacugcgauccggagacgucgugggaaca..... 0
 Gi4_489954_x31......cgucgugggaacacggggugcc..... 0
 Gi2_10003490_x31......gccaguacugcgauccggagacgucgug..... 0
 Gi3_26489992_x31......ggaacacggggugcAgaac..... 1
 Gi3_26480661_x31......aucgUagacgucgugggaacacg..... 1
 Gi1_3750517_x31......aUgccccgccaguacugcgau..... 1
 Gi3_26473779_x31......ugggaacacgggCugccgaacu..... 1
 Gi5_8121976_x31......cgugggaacacggggugccgUacu..... 1
 Gi2_10008729_x31......aacacggggGgccgaacu..... 1
 Gi1_3753431_x31......cgucgugggaacacggggugccgaa..... 0
 Gl1a_5394914_x31......gaagcgccgucagggccccgccagu..... 0
 Gi2_10000049_x31......gccgucagggccccgccaguacugcgau..... 0
 Gi3_26483854_x31......gucgugggaacacggggugccgaaAu..... 1
 Gi1_3752098_x31......Uaacacggggugccgaac..... 1
 Gi2_10005846_x31......cgucgugggaacacggggCgccgaacu..... 1
 Gi2_10010713_x31......gucgugggaacGcggggugccgaacu..... 1
 Gi3_26473624_x31......ggaacacggggugccgaUcu..... 1
 Gi3_26481374_x31......gugggaacacggggugccgGa..... 1
 Gi3_26484753_x31......gucgugggaacacggggugccgaCc..... 1
 Gi2_10012418_x31......aacacggggugccgaCcu..... 1
 Gi3_26488163_x31......aagagaagcgccgucagggccccgccagua..... 0
 Gi3_26473965_x31......gggaacaUggggugccgaac..... 1
 Gi4_490326_x31......uUggaacacggggugccgaacu..... 1
 Gi2_10011798_x31......ggccccgccaguacugcgCuc..... 1
 Gi2_10010930_x31......ucgugggaacacggggugccgaGcu..... 1

Gi2_10005660_x31.....cgugUgaacacggggugccgaac..... 1
Gi2_9999429_x31.....guggCaacacggggugccgaacu..... 1
Gi5_8118721_x31.....ggaacacggggugccAaacu..... 1
Gi3_26471268_x31.....cgGgggaacacggggugcc..... 1
Gi2_10012108_x31.....gugggaaUacggggugccgaac..... 1
Gi5_8123185_x31.....Ggacgucgugggaaacacggggugccgaacu..... 1
Gi2_10013410_x31.....Gcaggccccgccaguacugcgauc..... 1
Gi1_3753338_x31.....ucgugggaGcacggggugccgaacu..... 1
Gi3_26488380_x31.....ggaacacgggAugccgaac..... 1
Gi2_10001599_x31.....aucggagaNgucgugggaaacacgggggu..... 1
Gi5_8119062_x31.....ucgugggaaacacAgggugccgaacu..... 1
Gi3_26482211_x31.....gugggaaacacggggguUccgaacu..... 1
Gi1_3751943_x31.....cgaucggagacgucgCgggaaacacgggg..... 1
Gi3_26483141_x31.....cgugggaaacacggggugUcgaac..... 1
Gi3_26474957_x31.....cgucgugggaaacacggggugccgCac..... 1
Gi2_10009752_x31.....Uaucggagacgucgugggaaacacgggg..... 1
Gi2_9999925_x31.....ggUaacacggggugccgaac..... 1
Gi2_10010992_x31.....gugggaaacNcggggugccgaa..... 1
G1a_5396526_x31.....ucgggagacgucgugggaaacacgggggu..... 0
Gi5_8127773_x31.....gucgugggaaacacggggugccgCacu..... 1
Gi3_26487822_x31.....gaacaGggggugccgaacu..... 1
Gi3_26487202_x31.....ggaaGacggggugccgaacu..... 1
Gi2_10023295_x30.....Ccugggaaacacggggugccgaacu..... 1
Gi2_10022665_x30.....uGgugggaaacacggggugccgaac..... 1
Gi2_10017325_x30.....aggccccgccagCacugcgauc..... 1
Gi4_491189_x30.....Uugggaaacacggggugccgaa..... 1
Gi3_26517120_x30.....gugggaaacacggggguAccg..... 1
G1a_5408346_x30.....cgggagacgucgugggaaacacg..... 0
Gi5_8142385_x30.....ggaacacggggugccgUacu..... 1
Gi3_26497290_x30.....ucgugggaaacacggggugcUgaacu..... 1
Gi3_26504910_x30.....agAccccgccaguacugcgauc..... 1
Gi2_10014415_x30.....gGucgggagacgucgugggaaacacgggggu..... 1
Gi2_10027435_x30.....auUgggagacgucgugggaaacacggggugc..... 1
Gi1_3756965_x30.....cgugggaaacacAgggugccgaacu..... 1
Gi2_10020835_x30.....gaagagaagcggccgucagg..... 0
Gi3_26500830_x30.....aggccccgcUaguacugcgauc..... 1
Gi3_26493360_x30.....Gacugcgaucgggagacguc..... 1
Gi3_26497410_x30.....gugggaaacUcggggugccgaac..... 1
Gi2_10024435_x30.....auUgggagacgucgugggaaacacgggggu..... 1
Gi1_3762245_x30.....cgucgCgggaaacacggggugccg..... 1
Gi5_8130865_x30.....gaaacacggggGgccgaacu..... 1
Gi2_10021645_x30.....aucgggagacgucgugggaaacacggggugA..... 1
Gi2_10017985_x30.....ucguAggaaacacggggugccgaacu..... 1
Gi3_26511750_x30.....gggaaacacggggugccgUacu..... 1
Gi3_26493420_x30.....ugUgaacacggggugccgaa..... 1
Gi3_26494380_x30.....cAucgugggaaacacggggugccgaacu..... 1
Gi2_10021615_x30.....gugggaaacacggggugUcgaac..... 1

Gi3_26494950_x30.....cgucguggNaacacggggugccgaac..... 1
G1a_5401056_x30.....gggagacgucgugggaacacggggugc..... 0
Gi3_26511780_x30.....caggccccgccaguacugcgagacguc..... 0
Gi3_26504700_x30.....gggaacacggggguAccgaac..... 1
Gi5_8140885_x30.....cgucgugggaacacggggugccgaGcu..... 1
Gi5_8140765_x30.....gagacgucgugggaacacggggugccgaac..... 0
Gi3_26509080_x30.....cUgagacgucgugggaacacggg..... 1
Gi2_10024825_x30.....aAgccccgccaguacugcgau..... 1
Gi3_26497050_x30.....gccaguacugcgagacgucgug..... 0
Gi2_10027135_x30.....gaacacggggugccGacu..... 1
Gi2_10019065_x30.....aucggagacgucgugggaacacggggC..... 1
Gi2_10013965_x30.....ucAugggaacacggggugccgaacu..... 1
Gi2_10025755_x30.....guggAaacacggggugccgaac..... 1
Gi3_26497440_x30.....cgugggaacacggggugGcgaacu..... 1
G1a_5402796_x30.....gggagacgucgugggaacacg..... 0
Gi5_8131495_x30.....ugggaaUacggggugccgaacu..... 1
Gi5_8138905_x30.....Gcgucgugggaacacggggugccgaacu..... 1
Gi3_26498640_x30.....Ggucgugggaacacggggugccg..... 1
Gi3_26516880_x30.....Cgggaacacggggugccga..... 1
G1a_5400306_x30.....cUucaggccccgccaguacugc..... 1
Gi2_10020145_x30.....Gggagacgucgugggaacacggggugcc..... 1
Gi3_26505600_x30.....Uaagagaagcgccgucaggcc..... 1
Gi1_3760325_x30.....ucggagacgucGgggaacacggggugcc..... 1
Gi2_10015435_x30.....cgucguggNaacacggggugccgaacu..... 1
Gi2_10019155_x30.....Aagacgucgugggaacacggggug..... 1
Gi2_10029025_x30.....ucGgggaacacggggugccgaacu..... 1
Gi3_26509320_x30.....gucgugggaacacggggCgccgaac..... 1
Gi1_3762185_x30.....cUugggaacacggggugccga..... 1
Gi3_26513250_x30.....gccccgccaguacugcgagacguc..... 0
Gi3_26508330_x30.....aucggagacGcgugggaacacg..... 1
Gi3_26503680_x30.....aacNcggggugccgaacu..... 1
Gi5_8141875_x30.....cgugggaacCcgggugccgaacu..... 1
Gi3_26514900_x30.....gcgauccggagacgucgugggaacacgg..... 0
Gi2_10025905_x30.....aggccccAccaguacugcgau..... 1
Gi1_3756665_x30.....gaacacAgggugccgaacu..... 1
Gi5_8133085_x30.....gugggaacacggggugGcgaacu..... 1
Gi3_26508090_x30.....aUaagcgccgucaggccccgcc..... 1
Gi3_26502780_x30.....aucggGgacgucgugggaacacgggg..... 1
Gi3_26500560_x30.....Uucaggccccgccaguacugcgau..... 1
Gi2_10019665_x30.....gucgugggaacacggggugccGacu..... 1
G1a_5408552_x29.....cgggagacgucgugggaacacgg..... 0
Gi3_26529611_x29.....gugggaacacggggugcA..... 1
Gi2_10042431_x29.....cgGcgugggaacacggggugccgaacu..... 1
Gi1_3765712_x29.....ugUgaacacggggugccgaacu..... 1
Gi1_3766118_x29.....caggccccgccaguacugcgau..... 0
Gi1_3763131_x29.....ucggagacgucGgggaacacggggugc..... 1
Gi2_10038313_x29.....ucggGgacgucgugggaacacgggg..... 1

Gi2_10030947_x29.....gugggaacacggCgugccgaacu..... 1
 Gi5_8148189_x29.....ggaacacAgggugccgaacu..... 1
 Gi1_3766669_x29.....aucggGgacgucgugggaacacggggugc..... 1
 Gi3_26530713_x29.....uUgugggaacacggggugccgaac..... 1
 Gi2_10030077_x29.....Uugggaacacggggugccgaacu..... 1
 Gi2_10040256_x29.....ugggaacacggggugcAgaacu..... 1
 Gi2_10031643_x29.....aggccccgccaguacugcgagacg..... 0
 Gi2_10037037_x29.....gugggaaAacggggugcc..... 1
 Gi3_26533323_x29.....Ugagacgucgugggaacacggggugccg..... 1
 Gi5_8145231_x29.....Uucaggccccgccaguacugcg..... 1
 Gi3_26542081_x29.....gugggaacacggAgugccga..... 1
 Gi5_8147986_x29.....gaaUacggggugccgaacu..... 1
 Gi2_10043533_x29.....ucgugggaacacggggugccgaCcu..... 1
 Gi1_3766988_x29.....agacgucgugggaacacggggugccga..... 0
 Gi2_10039618_x29.....gUgacgucgugggaacacggggugc..... 1
 Gi3_26538108_x29.....guggAaacacggggugccga..... 1
 Gi3_26534222_x29.....caggccccNccaguacugcgauc..... 1
 Gi2_10041996_x29.....ucgugggaacCcgggugccgaacu..... 1
 Gi2_10042141_x29.....Gccccccaguacugcgauc..... 1
 Gi2_10038922_x29.....cgugCgaacacggggugccgaacu..... 1
 Gi3_26532540_x29.....cgNgggaacacggggugccgaacu..... 1
 Gi1a_5414265_x29.....cccgccaguacugcgauccgaga..... 0
 Gi2_10043330_x29.....Uagacgucgugggaacacggggugccg..... 1
 Gi2_10038632_x29.....ggaacaUggggugccgaacu..... 1
 Gi3_26530771_x29.....cgucAugggaacacggggugccgaacu..... 1
 Gi2_10029439_x29.....Ggucgugggaacacggggugccg..... 1
 Gi3_26517837_x29.....guAgggaacacggggugccg..... 1
 Gi3_26540051_x29.....ucgGgggaacacggggugccgaacu..... 1
 Gi3_26541849_x29.....Uggaacacggggugccgaacu..... 1
 Gi3_26535556_x29.....gGcgugggaacacggggugccga..... 1
 Gi2_10030860_x29.....ugAgaacacggggugccgaacu..... 1
 Gi3_26528451_x29.....acgucgugNgaacacggggugccgaac..... 1
 Gi3_26541936_x29.....cgAgggaacacggggugcc..... 1
 Gi2_10037211_x29.....cgugggaacacggggugccgaacG..... 1
 Gi3_26522912_x29.....gcgaucgggagacgucgugggaacacggggu..... 0
 Gi3_26530017_x29.....aagagaagcgccgucaggccccgccaguacu..... 0
 Gi2_10040169_x29.....gaagagaagcgccgucaggccccgccag..... 0
 Gi2_10042576_x29.....ggaacacAggugccgaacu..... 1
 Gi3_26519809_x29.....aUuacugcgauccggagacgucg..... 1
 Gi1_3763160_x29.....Aucgugggaacacggggugccgaacu..... 1
 Gi1_3765422_x29.....aacacAgggugccgaacu..... 1
 Gi3_26535266_x29.....gugggaacacggUgugcc..... 1
 Gi5_8149175_x29.....gugggaacacggggugccgaUc..... 1
 Gi3_26535585_x29.....gugggaacacCgggugccgaacu..... 1
 Gi3_26519403_x29.....gggaaAacggggugccgaacu..... 1
 Gi1_3764378_x29.....cgugggaacacggggugcc..... 0
 Gi3_26523898_x29.....gacAucgugggaacacggggugc..... 1

Gi3_26531757_x29.....aucggagacgucgugggaacacggggugccgaacu..... 0
Gi3_26539587_x29.....ugggaGcacggggugccgaa..... 1
Gi2_10036283_x29.....Cacgucgugggaacacggggugccgaac..... 1
Gi1_3765944_x29.....CUugggaacacggggugccgaac..... 1
Gi3_26539558_x29.....gccccgccaguacugcgauccggagacgucg..... 0
Gi3_26528422_x29.....ucgugggaacacggggAgccgaacu..... 1
Gi3_26527436_x29.....Gcgucgugggaacacggggugccgaac..... 1
Gi2_10030889_x29.....gugggaacNcggggugccga..... 1
Gi5_8149378_x29.....gucgugggaacacggggugccgaCcu..... 1
Gi5_8152017_x29.....Cacacggggugccgaacu..... 1
Gi3_26535179_x29.....gucgugggaaAacggggugccgaacu..... 1
G1a_5419226_x28.....gucgugggaacacggggugccga..... 0
Gi3_26556821_x28.....cgugggaacacggggugccgaaU..... 1
Gi2_10048949_x28.....cgugggGacacggggugccga..... 1
Gi2_10046737_x28.....aUuacugcgauccggagacgu..... 1
Gi3_26544473_x28.....ugggaacacggggugcAgaac..... 1
Gi4_494472_x28.....Uagaagcggcucagggc..... 1
Gi2_10046961_x28.....cgugggaUcacggggugccgaacu..... 1
Gi2_10055949_x28.....ggaacacggggGgccgaac..... 1
Gi2_10057069_x28.....aggccccgNcaguacugcg..... 1
Gi3_26563961_x28.....gggaUcacggggugccgaacu..... 1
Gi3_26544417_x28.....caggccccgccaguacugcgauccggagacguc..... 0
Gi2_10050321_x28.....Ggugggaacacggggugccga..... 1
Gi3_26547357_x28.....gGcaggccccgccaguacugcg..... 1
G1a_5423398_x28.....ccccccaguacugcgauccggagacgucg..... 0
Gi2_10052141_x28.....aucggGgacgucgugggaacacggggugccg..... 1
Gi2_10057237_x28.....gugggaaacGggggugccgaacu..... 1
G1a_5417238_x28.....aUgccccgccaguacugcg..... 1
Gi3_26558697_x28.....caggccccgccaguacugcgauccggagacg..... 0
Gi3_26547637_x28.....gUagacgucgugggaacacg..... 1
Gi5_8161621_x28.....cgucgugggGacacggggugccgaacu..... 1
Gi3_26559033_x28.....gucgugggaacacggggugcUgaacu..... 1
Gi5_8163217_x28.....ugggaacacggAgugccgaacu..... 1
Gi2_10048389_x28.....ggaacacggggUaccgaacu..... 1
Gi3_26550045_x28.....cgCgggaacacggggugcc..... 1
Gi2_10058833_x28.....cggGgacgucgugggaacacggggugccg..... 1
G1a_5419422_x28.....ggagacgucgugggaacac..... 0
Gi2_10053905_x28.....ggaacacggAgugccgaacu..... 1
Gi2_10053233_x28.....aucggagacgucgugggaGcac..... 1
Gi3_26566229_x28.....aucggagacgucgugggaCcacgg..... 1
Gi2_10054157_x28.....cgugggaaAacggggugccgaacu..... 1
Gi5_8157757_x28.....ugggaacacggggugcAgaacu..... 1
Gi1_3774384_x28.....cAugggaacacggggugccgaacu..... 1
Gi3_26550409_x28.....Uucgugggaacacggggugccgaa..... 1
Gi2_10047941_x28.....ucgugggaacacggggCgccgaac..... 1
Gi5_8165261_x28.....acgucgugggGacacggggugccgaacu..... 1
Gi2_10050069_x28.....cggagacgucgugggaacCcgggugcc..... 1

Gi1_3770268_x28.....cgucgugggaacacggggGgccgaacu..... 1
Gi2_10047885_x28.....gaucggGgacgucgugggaacacggggug..... 1
Gi3_26563821_x28.....acgucgugggaGcacggggugccgaacu..... 1
Gi2_10058105_x28.....Uaucggagacgucgugggaacacggggugcc..... 1
Gi3_26561133_x28.....gugggaacacAgggugccgaa..... 1
G1a_5432603_x27.....guAggaacacggggugccgaacu..... 1
Gi5_8172080_x27.....gucgugggaacacggggGgccgaacu..... 1
Gi3_26572863_x27.....guCggaacacggggugccgaacu..... 1
Gi3_26575374_x27.....gucgugggaacacggggugccgaGc..... 1
Gi2_10066232_x27.....Gucggagacgucgugggaacacg..... 1
Gi5_8177426_x27.....aacacggggugUcgaacu..... 1
Gi2_10072037_x27.....gacgucgugggaacacggggugccga..... 0
Gi1_3775980_x27.....gggaacacggggugccgCacu..... 1
Gi3_26574861_x27.....aucggagGcgucgugggaacacggggg..... 1
Gi3_26589198_x27.....ugggaacacggggAgccgaac..... 1
Gi2_10067096_x27.....aggccccgccaguacCgcgauc..... 1
Gi2_10070579_x27.....guUggaacacggggugccg..... 1
G1a_5427878_x27.....gugggaacacggggugcUgaacu..... 1
Gi3_26575617_x27.....ucUugggaacacggggugccgaac..... 1
Gi3_26570595_x27.....cgGgggaacacggggugccga..... 1
Gi3_26582853_x27.....cgucgugggaacacggggGgccgaac..... 1
Gi2_10068446_x27.....cgugggaacacggggugcCgaacu..... 1
Gi5_8171432_x27.....gggaacacggggugcUgaacu..... 1
Gi2_10070660_x27.....gaagGgaagcgcggucaggccc..... 1
Gi2_10066799_x27.....gcgauccggGgacgucgugggaacacgg..... 1
Gi1_3778329_x27.....Ugagacgucgugggaacacggggugccg..... 1
Gi1_3779652_x27.....Ugugggaacacggggugccgaacu..... 1
Gi3_26570514_x27.....ucgugggaacacUgggugccgaacu..... 1
Gi5_8169461_x27.....gaacacggggugUcgaacu..... 1
Gi3_26569164_x27.....acgucGcgggaacacggggugccgaacu..... 1
Gi3_26575239_x27.....ggaacacggggugccgaaU..... 1
Gi2_10060049_x27.....gccgucaggccccgccaguacugcgau..... 0
Gi2_10066745_x27.....gCgggaacacggggugccg..... 1
Gi2_10064207_x27.....gugggaacacggggugcUg..... 1
Gi5_8177183_x27.....ugggaCcacggggugccgaacu..... 1
Gi1_3778194_x27.....Cgaacacggggugccgaacu..... 1
Gi2_10069580_x27.....aacacggggugccAaacu..... 1
Gi3_26574105_x27.....acgucgugggaacCcggggugccgaacu..... 1
G1a_5426096_x27.....gugggaacacggggugccgaCcu..... 1
Gi1_3777033_x27.....gugAgaacacggggugccgaacu..... 1
Gi3_26571999_x27.....aucgUagacgucgugggaacacggg..... 1
Gi1_3778464_x27.....ggaacacggggugccgaacA..... 1
Gi3_26578452_x27.....agaagcgcggucaggccccgccaguacugcg..... 0
Gi3_26575644_x27.....Uaagagaagcgcggucaggccccgc..... 1
Gi1_3777573_x27.....acgucgugNgaacacggggugccgaacu..... 1
Gi4_495473_x27.....cgucgugggaacacggggugccgaacu..... 0
Gi1_3778086_x27.....ggaGcacggggugccgaacu..... 1

Gi3_26591385_x27.....gggaacacggggAgccgaacu..... 1
Gi5_8170757_x27.....aacaGggggugccgaacu..... 1
Gi5_8175671_x27.....agcgccgucagggccccccagucugcga..... 0
Gi3_26581314_x27.....cUaucgggagacgucgugggaaacacg..... 1
Gi3_26592816_x27.....agagaagcgccgucagggccccccagucacu..... 0
G1a_5430767_x27.....ucgggagacgucgugggaaacacg..... 0
Gi1_3778707_x27.....Gcgugggaaacacggggugcc..... 1
Gi2_10069418_x27.....gUgaacacggggugccga..... 1
Gi3_26583312_x27.....acgucgugggGacacggggugccgaacu..... 1
Gi3_26572647_x27.....ggaacacggggUccgaac..... 1
Gi2_10087989_x26.....Uagaagcgccgucagggccccgccc..... 1
Gi3_26606459_x26.....aggcUccgcccagucugcgauc..... 1
Gi2_10076237_x26.....gugggaacacggggugccUaacu..... 1
Gi5_8185966_x26.....ugggaacacggggugUcgaacu..... 1
Gi3_26609501_x26.....guggAaacacggggugcc..... 1
Gi1_3782933_x26.....gugggaacaUggggugccgaacu..... 1
Gi3_26618783_x26.....cgGgggaacacggggugccg..... 1
Gi3_26614961_x26.....aUcgcgucagggccccgccc..... 1
Gi5_8190802_x26.....Uaagagaagcgccgucagggccc..... 1
Gi2_10086065_x26.....gugggaacGcggggugccg..... 1
Gi5_8191140_x26.....gugggaacacggggGgccgaac..... 1
Gi2_10085545_x26.....gucgugggaGcacggggugccgaacu..... 1
Gi2_10084375_x26.....ggccccgcccagucugcgaucggagac..... 0
Gi3_26621591_x26.....gucguAggaacacggggugccgaacu..... 1
Gi5_8182014_x26.....ugggaacacggggugccgCac..... 1
Gi2_10075431_x26.....Gcgucgugggaacacggggugccgaacu..... 1
Gi3_26596085_x26.....cgugggaacacggggAgccgaac..... 1
Gi3_26608539_x26.....cgucgugggaCcacggggugccgaacu..... 1
Gi3_26612283_x26.....aggccccgcccagucugUgauc..... 1
Gi2_10078577_x26.....acgucgugNgaacacggggugcc..... 1
Gi3_26613011_x26.....Gcaggccccgcccagucugc..... 1
Gi3_26597723_x26.....cgCgggaacacggggugc..... 1
Gi5_8186694_x26.....gaacacggggUaccgaacu..... 1
Gi2_10075691_x26.....UacgucgugggaacacggggU..... 1
Gi1_3780515_x26.....gggGacacggggugccgaacu..... 1
Gi5_8192856_x26.....cgugggaacacggggugccgaacG..... 1
Gi2_10074677_x26.....Uagacgucgugggaacacggggugcc..... 1
Gi3_26604665_x26.....aucgggagacgucgugggCacacggg..... 1
Gi3_26614545_x26.....aucgggagacgucgugggaacacggggugccg..... 0
Gi2_10075795_x26.....uggAaacacggggugccgaacu..... 1
Gi1_3783193_x26.....Gcgucgugggaacacggggugccgaacu..... 1
Gi3_26611477_x26.....gugggaacacgggAugcc..... 1
Gi3_26608383_x26.....gaucgggagacgucgugggaacacggggG..... 1
Gi1_3780541_x26.....Uucaggccccgcccagucugc..... 1
Gi3_26601389_x26.....cgucgugggGacacggggugccgaac..... 1
Gi3_26599543_x26.....cgugggaacacggggGgccgaac..... 1

Gi2_10085701_x26.....Uacgucgugggaacacggggugc..... 1
Gi3_26605939_x26.....cgucgugggaacacggggugccgaCcu..... 1
Gi5_8191842_x26.....Aucgugggaacacggggugccgaacu..... 1
Gi5_8188306_x26.....cgucgugggaGcacggggugccgaacu..... 1
Gi3_26603859_x26.....cgucgugggaacCcggggugccgaacu..... 1
Gi2_10086793_x26.....gcgaucggGgacgucgugggaacacg..... 1
Gi5_8192492_x26.....gugggCacacggggugccgaacu..... 1
Gi3_26616027_x26.....Gcggagacgucgugggaacacggggugcc..... 1
Gi3_26594993_x26.....cUccaguacugcgauccggagacgu..... 1
Gi1_3785429_x26.....Ggucgugggaacacggggugccgaacu..... 1
Gi2_10080709_x26.....cggagacgucgugggaacacggggugccgaac..... 0
Gi2_10083231_x26.....guacugcgauccggGgacgucgugggaaca..... 1
Gi2_10074989_x26.....aagagaagcgccgucGggccc..... 1
G1a_5438857_x26.....gaucggagacgucgugggaacac..... 0
G1a_5438207_x26.....Uucgugggaacacggggugccgaacu..... 1
Gi5_8189502_x26.....ggagacgucgugggaacacggggugccgaac..... 0
Gi3_26616339_x26.....gaacacggCgugccgaacu..... 1
Gi2_10084063_x26.....Uggccccgccaguacugcgau..... 1
Gi5_8194052_x26.....gugggaacacggggugcGgaacu..... 1
Gi2_10083725_x26.....acgucgugNgaacacggggugccgaacu..... 1
Gi2_10081957_x26.....gucguAggaacacggggugc..... 1
Gi2_10086195_x26.....Ggucaggccccgccaguacugc..... 1
Gi2_10078187_x26.....cggagacgucgugggaacacggggugccg..... 0
Gi1_3782231_x26.....Cggaacacggggugccgaacu..... 1
G1a_5434619_x26.....cgGgggaacacggggugccgaacu..... 1
Gi1_3782829_x26.....gggaGcacggggugccgaacu..... 1
Gi4_496309_x26.....ucggagacgucgugggaacacggggugccg..... 0
G1a_5435555_x26.....ucggagacgucgugggaacacggggugc..... 0
Gi2_10086767_x26.....cguNggaaacacggggugccgaacu..... 1
Gi3_26619927_x26.....gugggaacCcggggugccg..... 1
Gi3_26647918_x25.....aucggagacgucgugggGacacg..... 1
Gi1_3789581_x25.....Uggaacacggggugccgaac..... 1
Gi2_10096097_x25.....acgucgugggaacacggggugccgaGc..... 1
Gi1_3790281_x25.....gggaacGcggggugccgaacu..... 1
Gi3_26642093_x25.....Caacacggggugccgaac..... 1
Gi3_26642543_x25.....ugggaacacgAggugccgaac..... 1
Gi3_26630068_x25.....cgGgggaacacggggugc..... 1
Gi3_26649768_x25.....acgucgugggaacacggggugccgaGcu..... 1
Gi3_26644068_x25.....gugggaacacggggugcU..... 1
Gi3_26635293_x25.....Uaucggagacgucgugggaacacggggugcc..... 1
Gi5_8201409_x25.....ggaacacggggugccgGacu..... 1
Gi3_26647218_x25.....auUggagacgucgugggaacacgggg..... 1
Gi3_26631918_x25.....aucAgagacgucgugggaacacg..... 1
Gi3_26639943_x25.....gcccccagacuacggaucgagacgu..... 0
Gi3_26639443_x25.....ugggaacCcggggugccgaac..... 1
Gi3_26624793_x25.....gucgugggaacacggggugccgaUC..... 1
Gi3_26642393_x25.....Ggucaggccccgccaguacugcg..... 1

Gi5_8202134_x25.....ucUugggaacacggggugccgaacu..... 1
 Gi2_10093122_x25.....aucggagacgucgugggGacacggggugc..... 1
 Gl1a_5446512_x25.....cgucgugggaacacggggugccgaac..... 0
 Gi2_10094772_x25.....ggUcccggccaguacugcgauC..... 1
 Gi1_3787581_x25.....Uggaacacggggugccgaacuu..... 1
 Gi5_8206759_x25.....acgucgugggaacacggggugccgaacuuu..... 0
 Gi2_10090472_x25.....ggagacgucgugggaacacggggugccgaa..... 0
 Gi2_10095997_x25.....cUccaguacugcgauCggagac..... 1
 Gi1_3790406_x25.....ggaacacAgggugccgaacu..... 1
 Gi2_10101872_x25.....cgucgugggaacacggggGgcc..... 1
 Gi3_26626868_x25.....aggcGccggccaguacugcgauC..... 1
 Gi3_26649318_x25.....aGgucgugggaacacggggugccgaac..... 1
 Gi3_26636418_x25.....gccccggccaguacugcgauCggagac..... 0
 Gi5_8205909_x25.....aacUcggggugccgaacu..... 1
 Gi3_26635093_x25.....aacacUgggugccgaacu..... 1
 Gi3_26629593_x25.....Uaucggagacgucgugggaacacggggugc..... 1
 Gl1a_5444887_x25.....UccaguacugcgauCggagacguc..... 1
 Gi2_10102922_x25.....gGcaggccccggccaguacugcg..... 1
 Gi2_10095272_x25.....gccaguacugcgauCggGgacgucgu..... 1
 Gi3_26643393_x25.....gaagagaagcgccgucaggccccggccagua..... 0
 Gi3_26646643_x25.....aggccccggccaguacCgc..... 1
 Gi5_8202859_x25.....agacgucgugggaacacggggugccga..... 0
 Gi3_26639018_x25.....ugUgaacacggggugccg..... 1
 Gi1_3792831_x25.....Uacacggggugccgaacu..... 1
 Gi2_10092447_x25.....ggaacacggggugccgUacu..... 1
 Gi5_8194809_x25.....Gaggccccggccaguacugcg..... 1
 Gi3_26625618_x25.....gaCgggagacgucgugggaacacggg..... 1
 Gi5_8203659_x25.....ucguAggaacacggggugccgaacu..... 1
 Gi1_3790306_x25.....ucgugggaacacAgggugccgaacu..... 1
 Gi2_10103047_x25.....ggaacacAgggugccgaac..... 1
 Gi3_26643543_x25.....ugggaGcacggggugccg..... 1
 Gi2_10095497_x25.....gaagcgccgucaggccccggccaguacug..... 0
 Gi2_10098997_x25.....Uaagcgccgucaggccccggccag..... 1
 Gi3_26639968_x25.....cgugggaacacggAgugccgaac..... 1
 Gi3_26646543_x25.....ucgCgggaacacggggugccgaac..... 1
 Gi3_26642593_x25.....cgucgugggaacacggggGgccgaac..... 1
 Gl1a_5443412_x25.....gucgugggaacacggggugccgaa..... 0
 Gi3_26628393_x25.....ugggaacUcggggugccgaacu..... 1
 Gi3_26624768_x25.....aucgUagacgucgugggaacacggggg..... 1
 Gi1_3792931_x25.....gaacacggggugcUgaacu..... 1
 Gi3_26629668_x25.....aucggGgacgucgugggaacacg..... 1
 Gi3_26646393_x25.....aucggagacgucGgggaacacg..... 1
 Gi3_26641868_x25.....gagacgucgugggaacacggggugccgaacA..... 1
 Gi3_26625668_x25.....cgucgugggaacacggggGgc..... 1
 Gl1a_5444237_x25.....Ugugggaacacggggugccgaacu..... 1
 Gi3_26638418_x25.....aggccAcgccaguacugcgauC..... 1
 Gi5_8205834_x25.....Gcgugggaacacggggugccgaac..... 1

Gi3_26622593_x25.....cUaucggagacgucguggg..... 1
 Gi3_26631568_x25.....Gaggccccgccaguacugcga..... 1
 Gi5_8198084_x25.....gGcgugggaacacggggugccgaac..... 1
 Gi5_8206509_x25.....gGgggaacacggggugccg..... 1
 Gi1_3791831_x25.....acgucgugggaacacggggugccgaa..... 0
 Gi3_26632493_x25.....aucggagacgucgugAgaacacggg..... 1
 Gi3_26622218_x25.....agUccccgccaguacugcg..... 1
 Gi3_26645068_x25.....Cggccccgccaguacugcgauc..... 1
 Gi3_26626368_x25.....gaacacggggugccUaacu..... 1
 Gi3_26664464_x24.....cGccgccaguacugcgauc..... 1
 Gi1_3795710_x24.....gugggaacacggggugcUgaacu..... 1
 Gi5_8214336_x24.....gggaacacNggggugccgaac..... 1
 Gi3_26656184_x24.....ggaacacgNggugccgaa..... 1
 Gi3_26656208_x24.....cgCgugggaacacggggugccgaac..... 1
 Gi2_10106659_x24.....Uagaagcgccgucaggccccg..... 1
 Gi3_26649968_x24.....cgugUgaacacggggugcc..... 1
 Gi3_26656136_x24.....Uagacgucgugggaacacggggugccg..... 1
 Gi5_8215992_x24.....cUucgugggaacacggggugccgaac..... 1
 Gi3_26673104_x24.....ggaacacggggugccgUacu..... 1
 Gl1_5455936_x24.....gGgggaacacggggugccga..... 1
 Gi3_26662376_x24.....ugggaacacggggugccgUac..... 1
 Gi3_26667872_x24.....aucggagacgucgugggaGcacggg..... 1
 Gi3_26658080_x24.....cgugggUacacggggugccgaac..... 1
 Gi1_3797438_x24.....gggagacgucgCgggaacacggggugc..... 1
 Gi3_26662592_x24.....cgCgggaacacggggugccgaa..... 1
 Gi2_10114219_x24.....gucgugggaacacggggugccgaGcu..... 1
 Gi3_26657000_x24.....aacacggggugccUaacu..... 1
 Gi5_8219232_x24.....ugggaacacggggGgccgaacu..... 1
 Gi1_3796478_x24.....aucggGgacgucgugggaacacggggg..... 1
 Gi2_10109851_x24.....gggaacacgggggUaccgaacu..... 1
 Gi3_26669144_x24.....aCgccccgccaguacugc..... 1
 Gi3_26654696_x24.....ugggaacacggggugccgaCc..... 1
 Gi3_26666072_x24.....aucggagacgucgugggaacCcgggg..... 1
 Gi3_26675264_x24.....ucgugggaacGcggggugccgaac..... 1
 Gi2_10115971_x24.....uacugcgaucggGgacgucgugggaaca..... 1
 Gi5_8207208_x24.....ucgugggaacacggggugccgaCcu..... 1
 Gi3_26660672_x24.....guAggaacacggggugccgaa..... 1
 Gi3_26654600_x24.....gacgucgugggaacacggggugccgaa..... 0
 Gi2_10108963_x24.....gacgucgugggaacacggggugccgaacA..... 1
 Gi5_8216664_x24.....ucgugggaacacggggugccAaacu..... 1
 Gi1_3794678_x24.....agacgucgugggaacacggggg..... 0
 Gi3_26676944_x24.....aucggagacgucgugggCacacgg..... 1
 Gi2_10121371_x24.....Uaagagaagcgccgucaggcccc..... 1
 Gi5_8217816_x24.....gggaacaUggggugccgaacu..... 1
 Gi3_26655224_x24.....aucggagacgucgugggaacacggggA..... 1
 Gi1_3794342_x24.....gaacacggggugccAaacu..... 1
 Gi3_26676248_x24.....aucggagaNucgugggaacacgggg..... 1

Gi3_26653304_x24.....gugggaacacgAggugccgaa..... 1
 Gi2_10109827_x24.....cUaucggagacgucgugg..... 1
 Gi3_26660312_x24.....aucggGgacgucgugggaacacggg..... 1
 Gi1_3794030_x24.....gGgggaacacggggugccg..... 1
 Gi3_26672840_x24.....aucggagaNgucgugggaacac..... 1
 Gi1_3795278_x24.....aacacggggGgccgaacu..... 1
 Gi5_8208624_x24.....gugggaacUcggggugccgaacu..... 1
 G1a_5455144_x24uccuuaacucguuccgaauuaAga..... 1
 Gi2_10117747_x24.....gugggaacacggggAgccgaac..... 1
 Gi3_26667392_x24.....cgugggaacacggggugccgaaGu..... 1
 Gi2_10106059_x24.....Acgugggaacacggggugccgaacu..... 1
 Gi3_26676608_x24.....gugggaacaUggggugccga..... 1
 Gi3_26675648_x24.....gaacacggggugccgaCc..... 1
 Gi3_26655272_x24.....Gucggagacgucgugggaacac..... 1
 Gi3_26650496_x24.....cgugggaacacgggAgccgaac..... 1
 Gi1_3793454_x24.....aacaUggggugccgaacu..... 1
 Gi5_8211744_x24.....ugggaacacggggugccgUacu..... 1
 Gi5_8218056_x24.....ucggagacgucgugggaacacggggugccg..... 0
 Gi2_10117843_x24.....ugggaacaUggggugccgaacu..... 1
 Gi1_3794894_x24.....gugggaacacggggugccgGacu..... 1
 G1a_5457016_x24.....gUaacacggggugccgaac..... 1
 Gi3_26650256_x24.....Ugucgugggaacacggggugccg..... 1
 Gi2_10107811_x24.....gucgugggaacacggggGgcc..... 1
 Gi5_8215848_x24.....ccgccaguacugcgauccggagacgucgu..... 0
 Gi2_10119643_x24.....gaacacggggugcUgaacu..... 1
 Gi3_26671904_x24.....gugggaacacggggugGcgaac..... 1
 G1a_5460184_x24.....aagagaagcgccgucagggccccgcca..... 0
 Gi2_10110499_x24.....ggaacacggggAgccgaacu..... 1
 Gi5_8208744_x24.....gucgugggaacCcgggugccgaacu..... 1
 Gi3_26670008_x24.....aucggagacgucgugggaacGcggggg..... 1
 Gi2_10107259_x24.....gugggaacacggggugGcgaacu..... 1
 Gi3_26666504_x24.....cgucguAggaacacggggugccgaacu..... 1
 Gi5_8214600_x24.....gcccgcgucagggccccgcagucguc..... 0
 Gi3_26661272_x24.....acgucgugggaacacggAgugccgaacu..... 1
 Gi1_3796694_x24.....Uagacgucgugggaacacggggugccgaacu..... 1
 Gi2_10119259_x24.....ggaacacggggGgccgaac..... 1
 Gi3_26668376_x24.....gaCcacggggugccgaacu..... 1
 Gi3_26703537_x23.....acgCcgugggaacacggggugccgaacu..... 1
 Gi2_10124714_x23.....gugggaacacggggugccgaaA..... 1
 Gi3_26707562_x23.....ggCaacacggggugccgaacu..... 1
 Gi5_8231920_x23.....gaucggagacgucgugggaaca..... 0
 Gi2_10125381_x23.....agUccccgccaguacugc..... 1
 Gi5_8232817_x23.....cgucgugggaacacggggugccgaacuu..... 0
 Gi3_26703468_x23.....gaUgucgugggaacacggggugccgaacu..... 1
 Gi1_3802509_x23.....ccgucagggccccgcagucgucgga..... 0
 Gi2_10122966_x23.....gugggaacacUggggugccgaacu..... 1
 Gi2_10126876_x23.....gugggGacacggggugccg..... 1

Gi3_26703721_x23.....ugggaCcacggggugccgaac.....1
Gi2_10124530_x23.....aucggagacgucgugggGacacggggg.....1
Gi5_8225020_x23.....cGggccccgccaguacugcgau.....gggaacacggggugccAaacu.....1
Gi3_26699949_x23.....cGggccccgccaguacugcgau.....ugggaacacgggggAccgaacu.....1
Gi2_10134834_x23.....ugggaacacgggggAgaacu.....1
Gi2_10137157_x23.....gGcccgccaguacugcgau.....1
Gi2_10125818_x23.....aUuacugcgauccggagacguc.....1
Gi2_10129912_x23.....ggaacacggggugccgUac.....1
Gi3_26700432_x23.....cCugggaacacggggugccgaac.....1
Gi2_10131430_x23.....gugggaacaAggggugccgaacu.....1
Gi5_8221225_x23.....Uucgugggaacacggggugccg.....1
Gi2_10132281_x23.....aCcacggggugccgaacu.....1
Gi3_26702410_x23.....cgucgugggaGcacggggugccg.....1
Gi2_10124829_x23.....ggaGcacggggugccgaacu.....1
G1a_5465430_x23.....gaacacggggugUcgaacu.....1
Gi1_3801083_x23.....Gcgugggaacacggggugccg.....1
Gi2_10121724_x23.....gugggaacacggggugccgaGc.....1
Gi5_8222766_x23.....Gaggccccgccaguacugc.....1
Gi2_10129291_x23.....ugcgauccggagacgucgugggaacacg.....0
Gi5_8228976_x23.....aucggCgacgucgugggaacacggg.....1
Gi3_26701444_x23.....ggAaacacggggugccgaacu.....1
Gi2_10131637_x23.....ucgugggaacacAggggugccgaacu.....1
Gi2_10135869_x23.....gugggaacacgAggugccga.....1
Gi3_26705630_x23.....gugNgaacacggggugccgaac.....1
Gi3_26698155_x23.....ugggaacacggAgugccgaacu.....1
Gi2_10122138_x23.....ugggaUcacggggugccgaacu.....1
Gi3_26686908_x23.....cgugggaGcacggggugccga.....1
Gi3_26697718_x23.....cUugggaacacggggugc.....1
Gi5_8224399_x23.....gaaUacggggugccgaacu.....1
Gi2_10136605_x23.....gggaacacggggugcUgaacu.....1
Gi2_10134696_x23.....gugggaacacggAgugccgaac.....1
Gi2_10123035_x23.....gUgacgucgugggaacacggggugcc.....1
Gi1_3800416_x23.....ucgugggaacCcggggugccgaacu.....1
Gi3_26705676_x23.....cUgagacgucgugggaacacgggg.....1
Gi3_26705009_x23.....cUucgugggaacacggggugccgaa.....1
Gi1_3802141_x23.....ugcgauccggagacgucgugggaaca.....0
Gi2_10122667_x23.....Ucgauccggagacgucgugggaacacggg.....1
Gi2_10123150_x23.....Uagacgucgugggaacacggggugc.....1
Gi3_26698592_x23.....ggaacacggggugccgaacG.....1
Gi3_26681802_x23.....gucgugggaacCcggggugccgaac.....1
Gi3_26708114_x23.....gGgaagcgcggucaggccccgc.....1
Gi5_8222835_x23.....aacacggggugccgaaUu.....1
Gi2_10132212_x23.....gggaacacggggugccgaGc.....1
Gi2_10126278_x23.....Uaagcgcggucaggccccgccaguacugc.....1
Gi3_26702640_x23.....gugggaacacggggugccAaa.....1
Gi1_3800094_x23.....gugggaacacAggggugccgaacu.....1

Gi1_3804740_x23.....gggaacacggggCgccgaacu..... 1
Gi3_26685781_x23.....aacaAggggugccgaacu..... 1
Gi1_3801497_x23.....cUucgugggaacacggggugcc..... 1
Gi5_8230885_x23.ccuuaacucguuccgaauaAga..... 1
Gi2_10122391_x23.....gugAgaacacggggugcc..... 1
Gi3_26692244_x23.....caUgccccgccaguacugcgauc..... 1
Gi2_10135639_x23.....ugggaacacggggugUcgaacu..... 1
Gi3_26681411_x23.....ugggaacacggggugccgaau..... 1
Gi1_3804763_x23.....gugggaacacggggugccU..... 1
Gi3_26689737_x23.....aucggagacgucgCgggaacacggg..... 1
Gi5_8229390_x23.....ggaacacgNggugccgaac..... 1
Gi5_8226124_x23.....cgugggaanNacggggugccgaac..... 1
Gi2_10132971_x23.....auUggagacgucgugggaaca..... 1
G1a_5467500_x23.....cgugggaacacggggugccgCacu..... 1
Gi3_26700616_x23.....ucaggccccgccaguacugcgaucggagac..... 0
Gi2_10121770_x23.....ucgugggaNcacggggugccgaac..... 1
Gi5_8233668_x23.....Cugggaacacggggugccgaac..... 1
Gi2_10128923_x23.....cgGgggaacacggggugcc..... 1
Gi3_26706619_x23.....gucgugggaacacggggugccAaacu..... 1
Gi5_8224215_x23.....gggaacacAgggugccgaacu..... 1
Gi1_3813129_x22.....gucgugggaacacggggugccgaacuu..... 0
Gi2_10139068_x22.....Ugccccgccaguacugcgauc..... 1
Gi3_26711346_x22.....ggagacgucgugggaacacggggugccgaacA..... 1
Gi3_26725140_x22.....gaacacgggUugccgaacu..... 1
Gi3_26734908_x22.....aacCcggggugccgaacu..... 1
Gi3_26737658_x22.....cGggccccgccaguacugcga..... 1
Gi5_8241043_x22.....cGggccccgccaguacugcg..... 1
Gi2_10145470_x22.....gGucggagacgucgugggaacacggg..... 1
Gi2_10154886_x22.....gugggGacacggggugccga..... 1
Gi1_3810753_x22.....ugggaacacggggugccgaGcu..... 1
Gi3_26712490_x22.....ugcgauccggagacgucgugggaacacg..... 0
Gi3_26731806_x22.....Uccgucaggccccgccagu..... 1
Gi3_26737438_x22.....gucgugggaacacggggugccgGac..... 1
Gi2_10151938_x22.....gGcgugggaacacggggugc..... 1
G1a_5478437_x22.....ugcgauccggagacgucgugggaa..... 0
Gi2_10139486_x22.....agacgucgugggaacacggggugccgaa..... 0
Gi2_10140652_x22.....cgggagacgucgugggaacacggggugccgaacu..... 0
Gi1_3811061_x22.....Ggggaacacggggugccgaac..... 1
Gi3_26716956_x22.....gucgugggaacacggggUaccgaac..... 1
Gi3_26733874_x22.....cUccgucaggccccgccagu..... 1
Gi3_26718738_x22.....cgugggaacacgggAugccg..... 1
Gi3_26731388_x22.....ggccccgccaguacugcgaucggagacg..... 0
Gi2_10141752_x22.....ugggaacacggggugccgUacu..... 1
Gi2_10140542_x22.....agcgccgucaggccccgccaguacugcg..... 0
Gi3_26720212_x22.....ugggaacacgggAgugccgaac..... 1
Gi3_26740232_x22.....gugggaacacggggugcUgaa..... 1
Gi3_26709630_x22.....cUgccccgccaguacugcgauc..... 1

Gi5_8241021_x22.....ccccgccaguacugcgauccggagacguc..... 0
 Gi2_10139860_x22.....cgugggaaNacggggugccga..... 1
 Gi3_26738274_x22.....gugggaacacggUgugccg..... 1
 Gi1_3808201_x22.....ucgugggaacacggggugccgaCcu..... 1
 Gi3_26727846_x22.....uggNaacacggggugccgaacu..... 1
 Gi2_10144898_x22.....gggGacacggggugccgaac..... 1
 Gi1_3808179_x22.....gugggaacacggggugccgaaU..... 1
 Gi3_26738516_x22.....gucgugggaacGcggggugccgaac..... 1
 Gi2_10144524_x22.....Agagacgucgugggaacacggggugcc..... 1
 Gi3_26726746_x22.....cgucgugggaacacggggugccgaacuA..... 1
 Gi2_10153412_x22.....ucaggccccgccaguacugcgau..... 0
 Gi5_8239327_x22.....aacacggggugccgaaAu..... 1
 Gi2_10139574_x22.....gugggaacacggAgugcc..... 1
 Gl1a_5474763_x22.....cgugggaacacgAggugccgaacu..... 1
 Gi3_26729782_x22.....aacacggggugccgaacG..... 1
 Gi5_8235433_x22.....aacacgggAugccgaacu..... 1
 Gi2_10151278_x22.....gggaaUacggggugccgaacu..... 1
 Gi1_3810643_x22.....gacgucgCgggaacacggggugccgaacu..... 1
 Gl1a_5475181_x22.....Uucaggccccgccaguacugc..... 1
 Gi3_26721642_x22.....cgugggaacacggggugccgUac..... 1
 Gi1_3807761_x22.....ggccccgccaguacugcgagacg..... 0
 Gi1_3808883_x22.....guggAaacacggggugccgaacu..... 1
 Gi2_10141950_x22.....gugggaacGcggggugccga..... 1
 Gi3_26712556_x22.....aggccccgccagGacugcgau..... 1
 Gi3_26721818_x22.....Uagaagcgccgucaggccccgccag..... 1
 Gi2_10140300_x22.....ucgugggaacacgggAugccgaacu..... 1
 Gl1a_5477051_x22.....ggaacacggggugccgCacu..... 1
 Gi1_3808069_x22.....cgucgugggaacacggggCgccgaacu..... 1
 Gi3_26713744_x22.....ugggaaUacggggugccgaac..... 1
 Gi2_10145162_x22.....agagaagcgccgucaggccccgccaguacu..... 0
 Gi3_26712754_x22.....Naacacggggugccgaacu..... 1
 Gi2_10151828_x22.....aucggagacgucgugggaCcacggggugc..... 1
 Gi3_26729298_x22.....Uugggaacacggggugccgaacuu..... 1
 Gi3_26732862_x22.....acgucgugggaacacAgggugccgaacu..... 1
 Gi2_10142016_x22.....cgugggaacacggggugcGgaacu..... 1
 Gl1a_5475379_x22.....Uaucggagacgucguggga..... 1
 Gi3_26722214_x22.....ugggaacacggggugAcgaacu..... 1
 Gi2_10138980_x22.....cggagacgNcgugggaacacggggugcc..... 1
 Gi3_26715174_x22.....gacggagacgucgugggCacacggg..... 1
 Gi2_10151190_x22.....acgucgugggaacacggggugccgaa..... 0
 Gi1_3812051_x22.....ucgugggaacacggggGgccgaacu..... 1
 Gi3_26736954_x22.....aucggagacgucgugggCacacggggu..... 1
 Gi1_3810401_x22.....Agggaacacggggugccgaacu..... 1
 Gi5_8243441_x22.....cgugggaaAacggggugccgaacu..... 1
 Gl1a_5472123_x22.....Uucaggccccgccaguacugcg..... 1
 Gi3_26718518_x22.....ucgugggaacacggggugccgaCc..... 1
 Gi2_10143270_x22.....cgGgggaacacggggugc..... 1

Gi1_3806991_x22.....gagacgucgugggaacacggggugccgaac..... 0
 Gi3_26734578_x22.....cgucgugggaacGcggggugccgaac..... 1
 Gi5_8236071_x22.....cgaucggagacgucgugggaacacggg..... 0
 Gi5_8235917_x22.....Aggaacacggggugccgaac..... 1
 Gi3_26731542_x22.....Ugagacgucgugggaacacggggugccgaacu..... 1
 Gi3_26727912_x22.....gggaacacggggugccgaG..... 1
 Gi5_8236445_x22.....gaacacggAgugccgaacu..... 1
 Gi3_26710092_x22.....gugggaacacggggugUcgaa..... 1
 Gi3_26716560_x22.....gCcgugggaacacggggugccgaac..... 1
 Gi3_26717154_x22.....Uucggagacgucgugggaacacggg..... 1
 Gi3_26722126_x22.....aggccccgccaguacugAgauc..... 1
 Gi2_10147340_x22.....cggagacgucgugggaacacggggugccga..... 0
 Gi3_26719948_x22.....ugggaacacggggugccUaacu..... 1
 Gi2_10145514_x22.....gugggaGcacggggugccga..... 1
 Gi3_26738714_x22.....Uaucggagacgucgugggaaca..... 1
 Gi5_8236423_x22.....ucAugggaacacggggugccgaacu..... 1
 Gi5_8242495_x22.....gggaacacgAggugccgaacu..... 1
 Gl1a_5489137_x21.....cgCgggaacacggggugccgaacu..... 1
 Gi5_8262225_x21.....aggccccccaAuacugcgauc..... 1
 Gi3_26748429_x21.....gGacugcgaucggagacg..... 1
 Gi3_26758908_x21.....uAggaacacggggugccg..... 1
 Gi2_10163413_x21.....gucgugggaaAacggggugccgaacu..... 1
 Gi3_26745657_x21.....Cgggaacacggggugccgaa..... 1
 Gi1_3816066_x21.....cgugggaacGcggggugccgaacu..... 1
 Gi3_26758362_x21.....cgucUugggaacacggggugccgaacu..... 1
 Gi2_10157869_x21.....cguUggaacacggggugccgaacu..... 1
 Gi3_26768043_x21.....aGcggagacgucgugggaacacggggugc..... 1
 Gi3_26755023_x21.....aucggagacgucgugggaacacggggugccga..... 0
 Gi1_3820896_x21.....cUugggaacacggggugccgaacuu..... 1
 Gi2_10159318_x21.....ugggaGcacggggugccgaac..... 1
 Gi2_10170448_x21.....aggcccUgccaguacugcgauc..... 1
 Gi3_26750172_x21.....Uagacgucgugggaacacg..... 1
 Gi2_10173031_x21.....ugggaCcacggggugccgaacu..... 1
 Gi3_26767644_x21.....aucggagacgucgCgggaacacggggu..... 1
 Gi3_26747064_x21.....cgccaguacugcgaucggGgacgucgug..... 1
 Gi5_8261994_x21.....ggaacacggggGgccgaacu..... 1
 Gi2_10156399_x21.....gucAugggaacacggggugccgaacu..... 1
 Gi3_26769051_x21.....ucgugggaacacggAgugccgaacu..... 1
 Gi3_26757270_x21.....gugggaacacAgggugccg..... 1
 Gi3_26769387_x21.....aAgccccgccaguacugcg..... 1
 Gi3_26762100_x21.....gggaacacggggugccgaacG..... 1
 Gi3_26762289_x21.....gugUgaacacggggugccgaac..... 1
 Gi1_3814281_x21.....cgaucggagacgucgugggaacacggggu..... 0
 Gl1a_5487352_x21.....Uaucggagacgucgugggaacacggg..... 1
 Gi2_10158751_x21.....gugggaacacggggugcGgaacu..... 1
 Gi5_8254329_x21.....gCcgugggaacacggggugccgaacu..... 1
 Gi3_26750529_x21.....aggccUcgccaguacugcgauc..... 1

Gi3_26743788_x21.....gugggaacacggggugccgaacuu..... 0
Gi5_8261469_x21.....guUggaacacggggugccgaac..... 1
Gi2_10165660_x21.....gugggaacacgUggugccgaacu..... 1
Gi2_10156273_x21.....cgugggaacacggggugccgaUcu..... 1
Gi3_26748639_x21.....cgucgugggaacacggggUAccgaacu..... 1
Gi5_8255925_x21.....aacacggggugccgUacu..... 1
Gi1_3813924_x21.....cgucguggNaacacggggugccgaacu..... 1
Gi3_26758950_x21.....cgugggaaNacggggugccg..... 1
Gi3_26753910_x21.....gaacacgggCugccgaacu..... 1
Gi3_26763192_x21.....Gcgugggaacacggggugccg..... 1
Gi2_10163350_x21.....cgugggaacGcggggugccgaac..... 1
Gi2_10164967_x21.....gcgaucggagacgucgugggaacacggggugc..... 0
Gi2_10169398_x21.....Ggugggaacacggggugccgaa..... 1
Gi3_26753196_x21.....ucgugggaGcacggggugccgaac..... 1
Gi2_10165933_x21.....cgucgugggaGcacggggugccgaacu..... 1
Gi3_26751600_x21.....cgucgugggaacacggggugccgGacu..... 1
Gi3_26768715_x21.....gaucggagacgucgugggaGcacggggU..... 1
Gi3_26754204_x21.....ugggaacacggggugccgG..... 1
Gi3_26743704_x21.....ucgugggaacacggggugUcgaacu..... 1
Gi3_26746266_x21.....aucggagacgucgugggaacacggggugccgaac..... 0
Gi2_10170238_x21.....Gaggccccgccaguacugcg..... 1
Gi2_10168516_x21.....Nugggaacacggggugccgaacu..... 1
Gi1_3815226_x21.....Gccccccaguacugcgagacgu..... 1
Gi2_10170028_x21.....cgAgggaacacggggugcc..... 1
Gi1_3820497_x21.....ucgugggaacacggggugccgaacuu..... 0
Gi2_10169734_x21.....gCgggaacacggggugccga..... 1
Gi5_8256954_x21.....ucguggAaacacggggugccgaacu..... 1
Gi5_8258256_x21.....ucgugggaacacggggugcUgaacu..... 1
Gi2_10169062_x21.....cgugggaGcacggggugccgaac..... 1
Gi2_10158814_x21.....gGcugcugugggaacacggggugccgaacu..... 1
Gi2_10169146_x21.....gggaacCcgggugccgaacu..... 1
Gi3_26769282_x21.....gaaAacggggugccgaacu..... 1
Gi3_26763276_x21.....gggaacacgAggugccgaac..... 1
Gi3_26770605_x21.....ugggaacacggggGgccgaac..... 1
Gi3_26745258_x21.....gugggaacacggggUcCcggaacu..... 1
Gi2_10172569_x21.....gggaacGcggggugccgaac..... 1
G1a_5488801_x21.....gcgaucggagacgucgugggaacacggg..... 0
Gi3_26759643_x21.....aucggagaNgucgugggaacacgg..... 1
Gi2_10166416_x21.....Uucaggccccgccaguacug..... 1
Gi2_10172674_x21.....Uagaagcgcggucaggccccgcag..... 1
Gi3_26744376_x21.....gaacacggggugcUgaac..... 1
Gi5_8256555_x21.....acgucgugggaacacggggCgccaacu..... 1
Gi5_8258109_x21.....gucgugggaacGcggggugccgaacu..... 1
Gi1_3814239_x21.....cUgagacgucgugggaacacggggugcc..... 1
Gi3_26757228_x21.....cGcgccaguacugcgauc..... 1
Gi3_26742885_x21.....ugggaacacggggUAccgaac..... 1
Gi3_26750361_x21.....ggaaGacggggugccgaac..... 1

Gi2_10171078_x21.....agcgccgucaggccccgccaguacugcgau..... 0
Gi1_3817872_x21.....Uucguggaacacggggugccgaac..... 1
Gi3_26751243_x21.....gaucggagacgucgugggaacacggggC..... 1
Gi2_10185369_x20.....gaaacacgAggugccgaacu..... 1
Gi3_26789965_x20.....uggaacaAggggugccgaacu..... 1
Gi2_10178389_x20.....cgucguggGacacggggugccgaacu..... 1
Gi5_8270509_x20.....cguggaacacggggugccgaUc..... 1
Gi5_8275509_x20.....aacacggggugcAgaacu..... 1
Gi2_10189929_x20.....aucggagGcgucgugggaacacggggugc..... 1
Gi3_26782065_x20.....cgucguggaacCcggggugcc..... 1
Gi5_8268569_x20.....gucguggaacacggggugccgaGcu..... 1
Gi3_26799045_x20.....aucggagacgucgugggaacGcgggg..... 1
Gi3_26804745_x20.....ucguggaacCcggggugccgaac..... 1
Gi3_26799225_x20.....aucggagacgucgugggaacacggggCgcc..... 1
Gi3_26788885_x20.....cUggccccgccaguacugcg..... 1
Gi1_3824090_x20.....cguAggaacacggggugccgaacu..... 1
Gi3_26780825_x20.....uggaacacgggAugccgaac..... 1
Gi1_3823050_x20.....uUggaacacggggugccgaacuu..... 1
Gi2_10174649_x20.....agagaagcgccgucaggc..... 0
Gi2_10175069_x20.....acgucguggaacacggggugccgCacu..... 1
Gi3_26801945_x20.....cgGcguggaacacggggugccgaac..... 1
Gi3_26785145_x20.....Uaagagaagcgccgucaggccccgccag..... 1
Gi2_10181569_x20.....Ggggaacacggggugccgaa..... 1
Gi3_26796225_x20.....aggcccAgccaguacugcgau..... 1
Gi3_26777645_x20.....guggUaacacggggugccg..... 1
Gi3_26791865_x20.....aggccccgccCguacugcga..... 1
Gi2_10185129_x20.....Gccgccaguacugcgau..... 1
G1a_5491580_x20.....gccccgccaguacugcgau..... 0
Gi2_10174109_x20.....cgugUaacacggggugcc..... 1
Gi2_10182389_x20.....ugcgauccgagacgucguggaacac..... 0
Gi5_8277049_x20.....gaaCgcggggugccgaac..... 1
Gi3_26776345_x20.....caggccccNccaguacugcg..... 1
Gi3_26786305_x20.....aUuacugcgauccgagacguc..... 1
Gi3_26786225_x20.....ugggUaacacggggugccgaac..... 1
Gi2_10181849_x20.....gggaacacggggugccgCac..... 1
Gi3_26794245_x20.....uggaacacggggugUcgaac..... 1
Gi3_26779045_x20.....gcgauccgagacgucguggaacacgggg..... 0
Gi5_8269269_x20.....gucGgggaacacggggugccgaacu..... 1
Gi3_26773145_x20.....acgucguggaacacggggugcAgaacu..... 1
Gi3_26786065_x20.....agaagcgccgucaggccccgccaguacugc..... 0
Gi3_26785065_x20.....Uacgucguggaacacgggg..... 1
Gi3_26785505_x20.....cgAgggaacacggggugccga..... 1
Gi3_26801745_x20.....cguggaaGacggggugccgaacu..... 1
Gi2_10180409_x20.....agUccccgccaguacugcg..... 1
Gi5_8273989_x20.....agacgucguggaacacggggugccgaacuA..... 1
Gi3_26780965_x20.....aggaagagaagcgccguc..... 0
Gi2_10182229_x20.....ugUaacacggggugccgaac..... 1

Gi3_26775365_x20.....aucggagacgucguAggaacacggg..... 1
Gi3_26788645_x20.....aucggagaNgucguggaacaacggggugcc..... 1
G1a_5495320_x20.....Aggaacacggggugccgaacu..... 1
Gi5_8268589_x20.....uUggaacacggggugccgaacuu..... 1
Gi3_26797925_x20.....ggUacacggggugccgaa..... 1
Gi3_26791765_x20.....uggaacaacggggAgccgaa..... 1
Gi2_10178929_x20.....aggccccgccaguGcugcgau..... 1
Gi3_26781065_x20.....ucguggaacaacggggugccGacu..... 1
Gi3_26788485_x20.....cUccgucaggccccgccag..... 1
Gi3_26783465_x20.....cgAgggaacaacggggugccg..... 1
Gi2_10186829_x20.....ccccgccaguacugcgauccggagacgucg..... 0
Gi1_3828790_x20.....cgugggaacaacgUggugccgaacu..... 1
Gi5_8263669_x20.....Ggggaacaacggggugccgaa..... 1
Gi3_26784645_x20.....ucggagacgucgugggaacaacggggugccg..... 0
Gi3_26792105_x20.....aUaagcgccgucaggccccgccagu..... 1
Gi3_26801485_x20.....cgGgggaacaacggggugccgaa..... 1
Gi1_3826590_x20.....gugggaaUacggggugccgaacu..... 1
G1a_5498300_x20.....aUaagcgccgucaggccccgc..... 1
Gi3_26795005_x20.....gugggUacacggggugccga..... 1
Gi2_10183909_x20.....ucgugggaGcaccggggugccgaac..... 1
Gi2_10181469_x20.....acugcgauccggagacgucgugggaacac..... 0
Gi3_26780465_x20.....aucggagacgucgugggaacCcggg..... 1
Gi3_26786405_x20.....cgugggaacGcggggugc..... 1
Gi2_10179529_x20.....gccccgccaguacugcgauccggagacguc..... 0
Gi3_26772865_x20.....ugggaacGcggggugccgaa..... 1
Gi3_26779625_x20.....Ugagacgucgugggaaca..... 1
Gi2_10178229_x20.....cgugggaacaacAgggugccgaac..... 1
Gi3_26798645_x20.....gugggaacaacggggugccgaaGu..... 1
Gi2_10186869_x20.....cgugggaacaacggggugccAaac..... 1
Gi3_26782965_x20.....gggaacaacggggugcAgaac..... 1
Gi2_10188889_x20.....cGggccccgccaguacugcg..... 1
Gi2_10179049_x20.....caggccccgccagAacugcgau..... 1
Gi1_3825710_x20.....Uaacacggggugccgaacuu..... 1
Gi3_26778765_x20.....ggccccgccaguacugcgCuc..... 1
G1a_5491160_x20.....gGacugcgauccggagacguc..... 1
Gi5_8275669_x20.....ucgugggaacaUggggugccgaacu..... 1
Gi2_10185289_x20.....Uuacugcgauccggagacguc..... 1
Gi5_8266309_x20.....Acgugggaacaacggggugccgaacu..... 1
Gi3_26774005_x20.....ugggaacaacggggCgcca..... 1
Gi5_8277069_x20.....gaacacgggAugccgaacu..... 1
Gi5_8265949_x20.....gugNgaacaacggggugccgaacu..... 1
Gi2_10177009_x20.....agacgucNgggaacaacggggugccgaacu..... 1
Gi5_8267029_x20.....ggaacaacggggugcUgaacu..... 1
Gi2_10183689_x20.....cgugggaaNacggggugc..... 1
Gi2_10174549_x20.....cgAcgugggaacaacggggugccgaacu..... 0
Gi2_10176509_x20.....cugcgauccggagacgucgugggaacacg..... 1
Gi3_26791265_x20.....cgucguggNaacaacggggugccg..... 1

Gi2_10175749_x20.....gugggaacacggggCgccga..... 1
 Gi2_10181349_x20.....auUgggagacgucgugggaacac..... 1
 Gi3_26813153_x19.....acgucguAggaacacggggugcc..... 1
 Gi1_3833543_x19.....cgggagacgucgugggaacacggggugccgaacu..... 0
 G1a_5504764_x19.....ccaguacugcgauccggagacgucgug..... 0
 Gi1_3832498_x19.....ggaacacggggugccgGacu..... 1
 Gi3_26821931_x19.....cgucgugggaacacgAggugccgaacu..... 1
 Gi3_26820392_x19.....acgucgugggCacacggggugccgaacu..... 1
 Gi5_8287229_x19.....Uaucggagacgucgugggaacacgg..... 1
 Gi3_26823470_x19.....cgucgugggaacacggggugcUgaacu..... 1
 Gi2_10204698_x19.....caggccccNccaguacugc..... 1
 Gi3_26832951_x19.....cgucguggNaacacggggugccg..... 1
 Gi1_3830142_x19.....caggccccNccaguacugc..... 1
 Gi1_3830142_x19.....cgccaguacugcgauccggagac..... 0
 Gi3_26808213_x19.....ggaacacAggggugccgaacu..... 1
 Gi1_3836412_x19.....gugggaacacggUgugccgaacu..... 1
 Gi2_10194704_x19.....gaacacggggUaccgaacu..... 1
 Gi1_3833448_x19.....aacacggggugccgaCcu..... 1
 Gi3_26822919_x19.....gugggaacacggggugccUaac..... 1
 Gi3_26812469_x19.....ucguUggaacacggggugccgaac..... 1
 Gi2_10197421_x19.....aucggagaNgucgugggaacacggggugcc..... 1
 Gi3_26808593_x19.....cgugggGacacggggugccgaa..... 1
 Gi3_26805192_x19.....ggaacacggggugccgaaUu..... 1
 Gi3_26814331_x19.....gaacacggggugccgCac..... 1
 Gi5_8282384_x19.....Ggugggaacacggggugccga..... 1
 Gi3_26833521_x19.....aggccccgAcaguacugcgau..... 1
 G1a_5506721_x19.....Cgaacacggggugccgaacu..... 1
 Gi1_3830693_x19.....ucAugggaacacggggugccgaacu..... 1
 Gi3_26808004_x19.....cgugggGacacggggugcc..... 1
 Gi3_26808688_x19.....ucguAggaacacggggugccgaac..... 1
 Gi3_26808650_x19.....cgugggaacacggggCgcc..... 1
 Gi2_10194685_x19.....aucgggagacgucgugggGacac..... 1
 Gi2_10206522_x19.....aggccccgccCguacugcga..... 1
 Gi3_26832761_x19.....aCgccccgccaguacugcg..... 1
 Gi1_3829496_x19.....Uuacugcgauccggagacgucg..... 1
 Gi3_26827346_x19.....aucgggagacgucgugggaacCcg..... 1
 Gi3_26829759_x19.....uGaggccccgccaguacugcg..... 1
 Gi1_3833353_x19.....acgucgugggaacacggggugccgaacuu..... 0
 Gi1_3834455_x19.....cUucaggccccgccaguacugc..... 1
 Gi3_26819043_x19.....Ggacgucgugggaacacggggugccgaacu..... 1
 Gi2_10198086_x19.....ggaacacggggUccgaacu..... 1
 Gi3_26807947_x19.....ggaaUacggggugccgaacu..... 1
 Gi3_26808384_x19.....aggccccgccCguacugcg..... 1
 Gi1_3834778_x19.....gagacgucgugggaacacggggugccga..... 0
 Gi5_8283315_x19.....ucgugggaacacggggugUcgaacu..... 1
 Gi1_3832004_x19.....aggccccgccaguacugcg..... 0
 Gi3_26809448_x19.....gGucggagacgucgugggaacacg..... 1
 Gi3_26814217_x19.....Ugccccgccaguacugcga..... 1

Gi5_8284208_x19.....aUacgucgugggaacacggggugccgaac..... 1
Gi2_10202019_x19.....Gucggagacgucgugggaacacggggug..... 1
Gi2_10191227_x19.....cuggggaacacgUggugccgaac..... 1
Gi3_26810550_x19.....cUccaguacugcgauccggagac..... 1
Gi3_26830044_x19.....Uagacgucgugggaacac..... 1
Gi2_10206788_x19.....cgucgugggaacacggggugccgaGcu..... 1
Gi5_8287096_x19.....agacgucgNgggaacacggggugccgaacu..... 1
Gi3_26833863_x19.....ucguggAaacacggggugccgaacu..... 1
Gi1_3832764_x19.....ggagacgucgugggaacacggggug..... 0
Gi3_26820772_x19.....cCugggaacacggggugcc..... 1
Gi3_26833806_x19.....gucAugggaacacggggugccgaacu..... 1
Gi3_26821133_x19.....gaacGcggggugccgaac..... 1
Gi3_26825408_x19.....cccgccagNacugcgau..... 1
Gi2_10196604_x19.....ugggaacacggggugccgaUc..... 1
Gi3_26824192_x19.....gccccgccaguacugcgauccggagacg..... 0
Gi5_8284455_x19.....aacacggggugcGgaacu..... 1
Gi2_10207035_x19.....gugggaacacggggugccCaacu..... 1
Gi3_26815205_x19.....cggagacgucgugggaacCcgggugcc..... 1
Gi3_26809182_x19.....aucggCgacgucgugggaacacg..... 1
Gi2_10194191_x19.....guggUaacacggggugccg..... 1
Gi3_26838404_x19.....ucgugggaacacggggUAccgaacu..... 1
Gi2_10197877_x19.....gggaacacggggugccgaaAu..... 1
Gi3_26831925_x19.....aggccccgccCguacugc..... 1
Gi3_26808783_x19.....Ggccaguacugcgauccggagacguc..... 1
Gi3_26817789_x19.....auUggagacgucgugggaacacggggugcc..... 1
Gi3_26831393_x19.....Ugugggaacacggggugcc..... 1
Gi3_26810930_x19.....aggcAccgccaguacugcgau..... 1
Gi3_26831944_x19.....ucgugAgaacacggggugccgaac..... 1
Gi2_10201392_x19.....cGggccccgccaguacugc..... 1
Gi3_26831868_x19.....gugggUaacacggggugcc..... 1
Gi2_10192538_x19.....aucggagacAucgugggaacacggggg..... 1
Gi3_26816554_x19.....ggAaacacggggugccgaac..... 1
Gi5_8280180_x19.....gugUgaacacggggugccgaacu..... 1
Gi1_3831700_x19.....guUgugggaacacggggugccgaacu..... 1
Gi3_26806123_x19.....ugggaacacggggugccgaaAu..... 1
Gi2_10196585_x19.....Ggacgucgugggaacacggggugccgaac..... 1
Gi3_26826130_x19.....gccagCacugcgauccggagacguc..... 1
Gi3_26815547_x19.....aggccccgUcaguacugcgau..... 1
Gi1_3830047_x19.....aggccccgccaguacugcga..... 0
Gi2_10204603_x19.....uCggaacacggggugccgaac..... 1
Gi5_8283467_x19.....ucgAgggaacacggggugccgaacu..... 1
Gi5_8280256_x19.....ugggaacacgggAugccgaacu..... 1
Gi2_10208859_x19.....ggaacacggggugcAgaacu..... 1
Gi3_26806617_x19.....ucgugggaacacgggAugccgaacu..... 1
Gi2_10202684_x19.....ugggaacAkgggugccga..... 1
Gi3_26821171_x19.....aacacgggCugccgaacu..... 1
Gi3_26836960_x19.....ugggaacacAgggugccga..... 1

Gi1_3829914_x19.....ugAgaacacggggugccgaacu..... 1
Gi3_26830557_x19.....Gccgccaguacugcgau..... 1
Gi2_10207206_x19.....ggUgacgucguggggaacacggggugc..... 1
Gi2_10201145_x19.....ccUcgccaguacugcgau..... 1
Gi2_10193564_x19.....aGgucguggggaacacggggugcc..... 1
Gi3_26812716_x19.....Uuacugcgauccggagacguc..... 1
Gi3_26828068_x19.....aucggagacgucguggggaacacA..... 1
G1a_5501952_x19.....ucggagacgucguggggaGcacg..... 1
Gi2_10204717_x19.....Cucguggggaacacggggugccgaacu..... 1
Gi3_26822387_x19.....cUggccccgccaguacugc..... 1
Gi2_10192310_x19.....ggccccgcNaguacugcgau..... 1
Gi2_10211692_x18.....gaaacUggggugccgaacu..... 1
Gi2_10211566_x18.....gugggaacacgggAugccgaac..... 1
Gi1_3838071_x18.....cgucguggggaacacggggugccgCacu..... 1
G1a_5514605_x18.....ggaacacggggCgccgaacu..... 1
Gi3_26844478_x18.....cgucUugggaacacggggugcc..... 1
Gi3_26841922_x18.....ggccccgcNaguacugcgau..... 1
Gi3_26856196_x18.....cgucguggggaacacggggCgc..... 1
Gi3_26852344_x18.....ggaNcacggggugccgaacu..... 1
Gi2_10224310_x18.....agacgucgNgggaacacggggugcc..... 1
Gi5_8293599_x18.....gugggaacacggggugccgaUcu..... 1
Gi3_26852848_x18.....Uagaagcgccgucaggcccc..... 1
Gi2_10223824_x18.....aucggagacgucguggggaacacggggCgc..... 1
Gi3_26845018_x18.....gugggaaUacggggugccga..... 1
Gi1_3839529_x18.....gugggaacacggggugccgaa..... 0
Gi1_3838251_x18.....ucggagacgucguggggaacacggggu..... 0
G1a_5511743_x18.....gugggaacacggggugccAaacu..... 1
Gi3_26848978_x18.....ucguggggaacacggggugccAaac..... 1
Gi3_26856988_x18.....aucggCgacgucguggggaacacggggu..... 1
Gi5_8302491_x18.....cgugggaUcacggggugccgaacu..... 1
Gi2_10219252_x18.....ugggaacacggggGgccgaacu..... 1
Gi5_8296281_x18.....ugggaacacggggUaccgaac..... 1
G1a_5514965_x18.....gugggaacaUggggugccgaacu..... 1
Gi2_10209820_x18.....ugggaacCcggggugccgaacu..... 1
Gi2_10222258_x18.....acgucguggggaacacggggGgcc..... 1
Gi3_26853874_x18.....gacgucguggggaGcacggggugccgaacu..... 1
Gi5_8293113_x18.....Ugucguggggaacacggggugccgaacu..... 1
Gi1_3839151_x18.....cUugggaacacggggugccg..... 1
Gi3_26840914_x18.....gUacacggggugccgaac..... 1
Gi2_10217578_x18.....acgucguggggaacacggggGgccgaacu..... 1
Gi2_10210252_x18.....Ggucguggggaacacggggugccga..... 1
Gi3_26872090_x18.....Acgugggaacacggggugccgaacu..... 1
Gi2_10222168_x18.....caggccccNccaguacugcg..... 1
Gi3_26857456_x18.....gugggaacacggUgucgga..... 1
Gi5_8294823_x18.....ugggUacacggggugccgaacu..... 1
Gi3_26861254_x18.....cgugggaacCcggggugccga..... 1
Gi5_8296821_x18.....cgucguggggaacCcggggugccgaacu..... 1

Gi2_10212088_x18.....ucUugggaacacggggugccgaacu..... 1
Gi1_3843003_x18.....ucguAggaacacggggugccgaacu..... 1
Gi2_10221286_x18.....gaacacggggugccAaacu..... 1
Gi3_26855872_x18.....gAcgugggaacacggggugccgaacu..... 1
Gi2_10220656_x18.....Ccggaacgucgugggaacacggggugcc..... 1
Gi5_8303337_x18.....gaacacggggAgccgaacu..... 1
Gi1_3845271_x18.....ggaacacggggugccgaGcu..... 1
Gi2_10211296_x18.....ugggUacacggggugccgaacu..... 1
Gi3_26873602_x18.....uggAaacacggggugccgaac..... 1
Gi3_26867104_x18.....gggaacacggggugccgUac..... 1
Gi2_10219936_x18.....Cggaacacggggugccgaac..... 1
G1a_5520599_x18.....gugggaacacgUgugccgaacu..... 1
Gi2_10223518_x18.....Uacgucgugggaacacggggugccgaac..... 1
Gi3_26850130_x18.....Uacgucgugggaacacg..... 1
G1a_5514857_x18.....gugggaacacgAggugccgaacu..... 1
Gi2_10210720_x18.....aGgucgugggaacacggggugccgaacu..... 1
Gi5_8296047_x18.....cgucgCgggaacacggggugccgaacu..... 1
Gi1_3840321_x18.....cgugggaacacggggugccAaacu..... 1
Gi2_10216156_x18.....aucggagacgucgugggaacGcggggugc..... 1
Gi2_10215778_x18.....gugUgaacacggggugccgaacu..... 1
Gi5_8298099_x18.....Gcggaucggagacgucgug..... 1
Gi2_10215490_x18.....ugggaacacgAggugccgaacu..... 1
Gi4_505452_x18.....Uccaguacugcgaucggagacguc..... 1
Gi2_10211368_x18.....ggaacacggggugccgGac..... 1
Gi3_26868922_x18.....ucgugggaacacggggugcAgaacu..... 1
Gi3_26846296_x18.....aggUcccgccaguacugcgauc..... 1
Gi3_26854612_x18.....gaGcacggggugccgaac..... 1
Gi2_10215796_x18.....Cugggaacacggggugccg..... 1
Gi2_10221718_x18.....aggcGccgccaguacugcgauc..... 1
Gi3_26859022_x18.....gggaCcacggggugccgaacu..... 1
Gi1_3843795_x18.....acacggggugccgaacuu..... 0
Gi3_26848564_x18.....ucgugggaacacggggugccgaaAu..... 1
Gi2_10213312_x18.....cgucgugggaacCcgggugccgaacu..... 1
Gi3_26839222_x18.....gggaacacNgggugccgaa..... 1
Gi1_3839511_x18.....gUagacgucgugggaacacggggugccg..... 1
Gi2_10218766_x18.....aggccUcgccaguacugcgauc..... 1
Gi3_26873764_x18.....Cggaacacggggugccgaa..... 1
Gi2_10218946_x18.....acgucgugggGacacggggugccgaacu..... 1
Gi5_8298063_x18.....ucgugggaacacggggugccgGacu..... 1
Gi5_8295327_x18.....gagacgucgugggaacacggggugccgaacA..... 1
Gi5_8300043_x18.....ugggaacacNggggugccgaac..... 1
Gi1_3842913_x18.....ugggaacacggggugcUgaacu..... 1
Gi3_26870974_x18.....aggccccgccaguCucggauc..... 1
Gi3_26851786_x18.....aUagaagcgccgucaggcc..... 1
G1a_5518727_x18.....cgugggaGcacggggugccgaacu..... 1
Gi3_26862442_x18.....agUcccgccaguacugcga..... 1
Gi2_10216282_x18.....ggaaGacggggugccgaacu..... 1

Gi3_26839348_x18.....gugggaacacggUgugccgaa.....1
 Gi2_10215958_x18.....Gcugcuguggaacacggggugcc.....1
 Gi3_26859634_x18.....cgucgugggaacacAgggugccgaacu.....1
 Gi1_3844587_x18.....ggagacgucgCgggaacacggggugccga.....1
 Gi2_10227370_x18.....Ucgaucggagacgucguggga.....1
 Gi3_26874952_x18.....cAugggaacacggggugcc.....1
 Gi3_26875150_x18.....ggaaUacggggugccgaac.....1
 Gi3_26859454_x18.....cgugggaacacggggugAcgaac.....1
 Gi1_3840033_x18.....gggaacacAgggugccgaacu.....1
 Gi5_8294247_x18.....gugggaacacggggugccUaacu.....1
 Gi3_26874880_x18.....Ngugggaacacggggugccgaacu.....1
 Gi3_26862172_x18.....gaacacCgggugccgaacu.....1
 Gi1_3838377_x18.....ggUaacacggggugccgaacu.....1
 Gi3_26854378_x18.....gaacacgUggugccgaacu.....1
 Gi2_10211080_x18.....ucgugggaacacggggugccgUacu.....1
 Gi3_26862388_x18.....Uccgucaggccccgccaguacu.....1
 Gi3_26859562_x18.....cgugggaacacggggUccgaacu.....1
 Gi3_26845666_x18.....aCcgagacgucgugggaacacgg.....1
 Gi3_26869786_x18.....cggagacgNcgugggaacacggggugcc.....1
 Gi5_8301609_x18.....cccgccaguacugcgaucggagacgucgug.....0
 Gi3_26847448_x18.....aacacggUgugccgaacu.....1
 Gi2_10215166_x18.....gugggaaAacggggugccgaac.....1
 G1a_5516513_x18.....ugcgaucggagacgucgugggaacac.....0
 Gi2_10217434_x18.....Augggaacacggggugccgaa.....1
 Gi2_10223608_x18.....aucggagaNgucgugggaaca.....1
 Gi3_26851624_x18.....ggaacUcggggugccgaacu.....1
 Gi3_26864836_x18.....cgucguAggaacacggggugcc.....1
 Gi3_26838790_x18.....UagacgucgugggaacacggggU.....1
 Gi3_26841562_x18.....gagaagcgccgucaggccccgccaguacu.....0
 Gi3_26904239_x17.....aCcgagacgucgugggaacacgggg.....1
 Gi2_10230341_x17.....aCcgagacgucgugggaacacg.....1
 Gi1_3852248_x17.....Cacacggggugccgaacu.....1
 G1a_5528054_x17.....aucggagacgucgugggaacacggAgugcc.....1
 Gi2_10235798_x17.....cUucaggccccgccaguacug.....1
 Gi3_26900686_x17.....Ugagacgucgugggaacacggggugccgaac.....1
 Gi2_10248225_x17.....cgugggaacaUggggugccgaac.....1
 Gi2_10235764_x17.....aucggagacgucgugggaacacggggCgcc.....1
 Gi2_10234812_x17.....aggccccgccCguacugc.....1
 Gi3_26881884_x17.....acgucgugggaacacggggugccgCac.....1
 Gi5_8321394_x17.....cgugCgaacacggggugccgaacu.....1
 G1a_5531573_x17.....gugAgaacacggggugccgaacu.....1
 Gi1_3849715_x17.....gggaacacggggugccgaGcu.....1
 Gi1_3852367_x17.....aggccccgccaguacugc.....0
 Gi5_8309528_x17.....cgAcgugggaacacggggugccgaacu.....1
 Gi2_10234081_x17.....Ggucgugggaacacggggugcc.....1
 Gi3_26877464_x17.....cgaucggagacgucgugggaacacgggg.....0
 Gi2_10234540_x17.....cUggccccgccaguacugcgauc.....1

Gi1_3854764_x17.....gugggaacacggggugccgaU..... 1
 Gi3_26888939_x17.....agacgucgNgggaacacggggugccgaacu..... 1
 Gi3_26903066_x17.....ucgugggaacacggggugccgUacu..... 1
 Gi3_26912603_x17.....guggCaacacggggugccgaac..... 1
 Gi2_10245845_x17.....cgugggGacacggggugcc..... 1
 Gi3_26909475_x17.....Gaggccccgccaguacugcgau..... 1
 Gi2_10237668_x17.....gggaGcacggggugccgaac..... 1
 Gi3_26909169_x17.....aUuacugcgauccggagacgucgu..... 1
 Gi3_26880167_x17.....cgugggCacacggggugccgaac..... 1
 Gi5_8309698_x17.....gucgugggGacacggggugccgaacu..... 1
 Gi1_3849443_x17.....gCaacacggggugccgaacu..... 1
 Gi3_26912484_x17.....Uaucggagacgucgugggaac..... 1
 Gi3_26912467_x17.....gcgaucggagacgucgugggaacacggggug..... 0
 Gi1_3851092_x17.....ggccccgccaguacugcgau..... 0
 Gi3_26893138_x17.....gucgugggGacacggggugccgaac..... 1
 Gi2_10238637_x17.....gaacacggggGgccgaacu..... 1
 Gi3_26913130_x17.....ggaacacggggugccgaaAu..... 1
 Gi1_3852962_x17.....gugggaacacggAgugccgaacu..... 1
 Gi3_26901179_x17.....acgucgugggaacGcggg..... 1
 Gi3_26905803_x17.....ggaacUcggggugccgaac..... 1
 Gi3_26877345_x17.....aucggagacgucgugggaacacAgg..... 1
 Gi3_26894022_x17.....acgucgugggaacacggggugccgaUc..... 1
 Gi3_26876886_x17.....aucggagCcgucgugggaacacgg..... 1
 Gi3_26896385_x17.....cgugggaacUcggggugccgaac..... 1
 G1a_5530587_x17.....agaagcgccgucagggccccgccaguacu..... 0
 Gi3_26879589_x17.....gucguggAaacacggggugccgaacu..... 1
 Gi3_26901808_x17.....gugggaacacUgggugccgaac..... 1
 G1a_5529618_x17.....guggAaacacggggugccgaacu..... 1
 Gi3_26878280_x17.....cUgagacgucgugggaacac..... 1
 Gi2_10246168_x17.....ugggaacGcggggugccgaac..... 1
 Gi2_10232058_x17.....cgucgugggaacacggggGcgg..... 1
 Gi2_10230392_x17.....gcgaucggagacgucgugggaacacggggug..... 0
 Gi2_10240252_x17.....Uccccgccaguacugcgau..... 1
 Gi2_10244723_x17.....guNggaaacacggggugccgaacu..... 1
 Gi2_10247970_x17.....uAggaacacggggugccgaac..... 1
 Gi5_8316532_x17.....ggaacacggggGgccgaac..... 1
 Gi2_10231140_x17.....ggaacaUggggugccgaac..... 1
 Gi3_26876750_x17.....acgucgugggaacacggggGgccgaac..... 1
 Gi2_10238467_x17.....aggcUccgccaguacugcgau..... 1
 Gi3_26889245_x17.....cUccgucagggccccgccaguac..... 1
 Gi2_10235050_x17.....Ugagacgucgugggaacacggggug..... 1
 Gi2_10235220_x17.....aucggagacgucgugggaCcacggggugcc..... 1
 Gi2_10239555_x17.....cgugggaacacgCggugccgaacu..... 1
 Gi3_26910223_x17.....cgugggaacacggggGgccga..... 1
 Gi2_10243703_x17.....ccccgccaguacugcgCuc..... 1
 Gi3_26907095_x17.....ugggaacacggggugcUgaa..... 1
 Gi3_26882088_x17.....ugcgaucggagacgucgugggaacacggg..... 0

Gi3_26882938_x17.....ucgugggaaUacggggugccgaacu..... 1
Gi2_10248208_x17.....aucggagacgucgugggGaca..... 1
Gi3_26894855_x17.....ugggaacacggggGcggc..... 1
Gi3_26877719_x17.....gugggaacacggggugUcga..... 1
Gi3_26894685_x17.....caggccccgccagCacugcgauC..... 1
G1a_5521849_x17.....uAggaacacggggugccgaacu..... 1
Gi2_10248242_x17.....Ugagacgucgugggaacacgggggu..... 1
Gi3_26907299_x17.....Agggaacacggggugccgaa..... 1
Gi2_10233928_x17.....aucggagacgucgugggaCcac..... 1
Gi2_10244128_x17.....gucgCgggaacacggggugccgaacu..... 1
Gi2_10248616_x17.....guggUaacacggggugccga..... 1
Gi2_10229270_x17.....cgugggaacacggggugccgaaA..... 1
Gi2_10231004_x17.....uUggaacacggggugccgaacuu..... 1
Gi2_10239504_x17.....gaacacggggugUcgaacu..... 1
Gi2_10241221_x17.....cAucgugggaacacggggugccgaacu..... 1
Gi1_3852265_x17.....Uaucggagacgucguggg..... 1
Gi3_26896810_x17.....gaacacUgggugccgaacu..... 1
Gi2_10247681_x17.....cggGgacgucgugggaacacggggugccga..... 1
Gi1_3851381_x17.....gggaacacggggGgccgaacu..... 1
G1a_5522461_x17.....Ccugcuggggaacacggggugccgaacu..... 1
Gi5_8319150_x17.....Uaucggagacgucgugggaacac..... 1
Gi3_26906143_x17.....gucgugggaacacgggAugccgaacu..... 1
Gi1_3848882_x17.....aacacgAggugccgaacu..... 1
Gi2_10247443_x17.....ucgugggGacacggggugccgaac..... 1
Gi2_10234455_x17.....aucggagacgucgugggaacGcggggg..... 1
Gi5_8310854_x17.....gugggaacacggggugccgaacG..... 1
Gi3_26875458_x17.....caggccccgccaguacCgc..... 1
Gi5_8315546_x17.....aacacgUgugccgaacu..... 1
Gi3_26895093_x17.....agagaagcgccgucaggccccgccaguacugc..... 0
Gi2_10240286_x17.....gucgugggaacacggggugcUgaacu..... 1
Gi1_3854645_x17.....ggaacGcggggugccgaacu..... 1
Gi3_26875339_x17.....cgggagacgucgugggaacCcggggu..... 1
Gi2_10234557_x17.....aucgUagacgucgugggaacacggggugc..... 1
Gi2_10232092_x17.....ugggaacacgggAugccgaacu..... 1
Gi3_26893750_x17.....Ggggagacgucgugggaacacggggugcc..... 1
Gi2_10249041_x17.....ucgugggaacacggggugcUgaacu..... 1
Gi3_26895331_x17.....UcgauCggagacgucgug..... 1
Gi3_26891846_x17.....aucggagacgucgugggGacacgg..... 1
Gi1_3854475_x17.....gAgaacacggggugccgaacu..... 1
Gi2_10234880_x17.....cgugggaGcacggggugcc..... 1
Gi2_10236223_x17.....gAgaacacggggugccgaac..... 1
Gi3_26909577_x17.....gugggaacaAggggugcc..... 1
Gi3_26896946_x17.....gucgugAgaacacggggugccgaacu..... 1
Gi3_26891506_x17.....ugggaacacggggugUcгаа..... 1
Gi3_26899734_x17.....cgugUgaacacggggugccga..... 1
Gi2_10244672_x17.....Ugccccgccaguacugcga..... 1
Gi1_3847505_x17.....ugggaacacggggugccAaacu..... 1

Gi5_8316345_x17.....ugggaacacgggCugccgaacu..... 1
Gi3_26894056_x17.....cgugggGacacggggugccga..... 1
Gi1_3854135_x17.....aucggGgacgucgugggaacacggggugcc..... 1
Gi3_26905548_x17.....aUagaagcgccgucaggccccc..... 1
Gi3_26906500_x17.....gucgugggaacaUggggugccgaacu..... 1
Gi2_10234472_x17.....Ugagacgucgugggaacac..... 1
Gi5_8312605_x17.....gugggaacacggggCgccgaac..... 1
Gi5_8320969_x17.....ucgugAgaacacggggugccgaacu..... 1
Gi5_8310378_x17.....ggAaacacggggugccgaacu..... 1
Gi3_26900737_x17.....aucggagGcgucgugggaacacgggg..... 1
Gi2_10259737_x16.....gugggaacacggggugccgaU..... 1
Gi1_3854897_x16.....uUggaacacggggugccga..... 1
Gi3_26946269_x16.....cCugggaacacggggugccga..... 1
Gi3_26914301_x16.....ugggaacacggggugccAa..... 1
Gi2_10258633_x16.....gugggaacacgggAugcc..... 1
Gi3_26945933_x16.....ggaacCcgggugccgaacu..... 1
Gi2_10263897_x16.....acgucgugggaacacggggCgcc..... 1
Gi3_26941853_x16.....acgucgugggaacacggggugccGacu..... 1
Gi3_26933677_x16.....gugggaacacgUggugccgaac..... 1
Gi1a_5538605_x16.....gaagagaagcgccgucaggccc..... 0
Gi3_26948717_x16.....Uaucggagacgucguggg..... 1
Gi2_10261545_x16.....ccccgccaguacugcgGuc..... 1
Gi3_26919661_x16.....cgugUgaacacggggugc..... 1
Gi3_26927149_x16.....Caucggagacgucgugggaacacggg..... 1
Gi1_3860737_x16.....ugggaacacggggAgccgaacu..... 1
Gi3_26932493_x16.....Ucgccgucaggccccgccagu..... 1
Gi3_26941741_x16.....cgucgugggaacacggggGgccg..... 1
Gi1_3855489_x16.....gugggaacacgggAugccgaacu..... 1
Gi1_3857105_x16.....gugggaacacggggUaccgaacu..... 1
Gi3_26924189_x16.....ugggaacacggggugccAaa..... 1
Gi1_3856865_x16.....gggaacacggggugccGacu..... 1
Gi3_26931517_x16.....ucaggccccgccaguacugcgagacg..... 0
Gi2_10252857_x16.....aggUcccgccaguacugcgau..... 1
Gi1_3861953_x16.....acgucgugggaacacggggugccGacu..... 1
Gi2_10267145_x16.....gugggaacacggggugccGUac..... 1
Gi3_26948909_x16.....gucgugggaacacgAggugccgaacu..... 1
Gi3_26940045_x16.....gggaacacggggugAcgaacu..... 1
Gi2_10255673_x16.....Gcggagacgucgugggaacacg..... 1
Gi3_26922349_x16.....gacgucgugggaacacggggGgccgaacu..... 1
Gi4_508724_x16.....ggaacacggggugccgaacu..... 0
Gi3_26922685_x16.....gggaacacNgggugccga..... 1
Gi2_10254057_x16.....cgucgugggGacacggggugccg..... 1
Gi3_26913757_x16.....cguUgugggaacacggggugcc..... 1
Gi3_26944317_x16.....caggccccgccaguacugcgGuc..... 1
Gi3_26923997_x16.....ggaacacggggugAcgaac..... 1
Gi2_10264681_x16.....ggaaUacggggugccgaacu..... 1
Gi3_26927021_x16.....ucgugggaacacgAggugccgaacu..... 1

Gi3_26915021_x16.....cUgagacgucgugggaacacggggugccga..... 1
Gi3_26945453_x16.....Ggucgugggaacacggggugc..... 1
Gi2_10264137_x16.....gUccccgccaguacugcgau..... 1
Gi2_10261801_x16.....aacacgggguAccgaacu..... 1
Gi2_10267641_x16.....gggaacacgAggugccgaacu..... 1
Gi1_3857713_x16.....gaacacggggGccgaacu..... 1
Gi1_3862289_x16.....Ugaacacggggugccgaa..... 1
Gi5_8323872_x16.....cUucgugggaacacggggugc..... 1
Gi1_3857553_x16.....aggccccgccaguacugcgauccggagacgu..... 0
Gi2_10266617_x16.....Cugggaacacggggugccga..... 1
Gi3_26939629_x16.....ucgugggaacacgggguAccgaac..... 1
Gi3_26951997_x16.....cgucgugggaacacgggguAc..... 1
Gi2_10251417_x16.....aUagaagcgccgucaggccccgcc..... 1
G1a_5536733_x16.....gggGacacggggugccgaacu..... 1
Gi2_10269561_x16.....aggccccgccUguacugcgau..... 1
Gi3_26914509_x16.....gugggaacacggggugAcga..... 1
Gi3_26937837_x16.....Uucgugggaacacggggu..... 1
Gi3_26914733_x16.....ucgugggaacacggggGccgaac..... 1
Gi3_26920941_x16.....aAcggagacgucgugggaacacggg..... 1
Gi3_26919405_x16.....acgucgugggGacacggggugccgaac..... 1
Gi1_3858417_x16.....cgugggaacacggggugc..... 0
Gi5_8334016_x16.....gucgugggaGcacggggugccgaacu..... 1
G1a_5544445_x16.....Uaagcgccgucaggccccgcca..... 1
Gi3_26932061_x16.....gugAgaacacggggugccga..... 1
G1a_5535933_x16.....cgggagacgucgugggaacacggggug..... 0
Gi5_8332400_x16.....gAgggaacacggggugccgaac..... 1
G1a_5542717_x16.....uCggaacacggggugccgaacu..... 1
Gi1_3862225_x16.....cUucaggccccgccaguacugcg..... 1
Gi3_26948093_x16.....ccccgccaguacugcgauccggagacgucgu..... 0
G1a_5539885_x16.....agaagcgccgucaggccccgccaguacugc..... 0
Gi2_10252233_x16.....aacacggggugccgaaUu..... 1
Gi2_10269785_x16.....gugggaacacggggugAcgaac..... 1
Gi2_10252569_x16.....ggaacacggggugccgaaUu..... 1
Gi2_10262121_x16.....gggaacacggggugUcgaacu..... 1
Gi3_26947309_x16.....agGgaagcgccgucaggcc..... 1
Gi2_10263721_x16.....Uaucggagacgucgugggaac..... 1
Gi2_10260009_x16.....cgucgugggaacGcgggugccgaacu..... 1
Gi3_26943277_x16.....cUaucggagacgucgugggaacacggggu..... 1
Gi3_26945245_x16.....Ggucgugggaacacggggugccga..... 1
Gi1_3862353_x16.....gugggaacacgAggugccgaacu..... 1
Gi3_26943021_x16.....agUcgcgugggaacacggggugccgaacu..... 1
Gi3_26938077_x16.....gUccccgccaguacugcga..... 1
Gi3_26924893_x16.....gggNacacggggugccgaacu..... 1
Gi1_3855665_x16.....cgCcgugggaacacggggugccgaacu..... 1
Gi3_26934733_x16.....guggAaacacggggugccg..... 1
Gi3_26947341_x16.....aucggagacgucguAggaacacg..... 1
Gi1_3855281_x16.....gCgaacacggggugccgaacu..... 1

Gi1a_5541517_x16.....gccccgccaguacugcgauccggagacguc..... 0
 Gi3_26948573_x16.....gacgucguggaacaacggggCgccgaac..... 1
 Gi2_10253673_x16.....aacaUggggugccgaacu..... 1
 Gi4_508468_x16.....agacgucguggaacaacggggugccgaacu..... 0
 Gi2_10252985_x16.....guggaacaacggggCgccg..... 1
 Gi1a_5542141_x16.....guggaacaacggggugUcgaacu..... 1
 Gi3_26918093_x16.....uggaacaacUgggugccgaacu..... 1
 Gi3_26935917_x16.....gucguggaacaacgAgugccgaacu..... 1
 Gi3_26932205_x16.....uggaacaacgUgugccgaacu..... 1
 Gi1_3857585_x16.....gucguggaacaacggggugccgCacu..... 1
 Gi3_26946493_x16.....aucAgagacgucguggaacaacggggu..... 1
 Gi3_26921437_x16.....cgugggGacaacggggugc..... 1
 Gi2_10267481_x16.....gggaacaacggggugccgaacG..... 1
 Gi5_8338224_x16.....uggaacaacggggugccgaaAu..... 1
 Gi1_3860353_x16.....gGcgcuguggaacaacggggugccgaacu..... 1
 Gi1a_5537165_x16.....cUccaguacugcgauccggagacguc..... 1
 Gi2_10265865_x16.....guggaacaacggggugccgaG..... 1
 Gi3_26925453_x16.....guggaacaacgAgugccg..... 1
 Gi3_26917373_x16.....acgucguggaacaacggggugcUgaacu..... 1
 Gi3_26926621_x16.....ucguggaCcacggggugccgaacu..... 1
 Gi3_26929709_x16.....cUucaggccccgccagua..... 1
 Gi3_26952061_x16.....gAgggaacaacggggugccg..... 1
 Gi3_26946285_x16.....gucguggaGcacggggugccgaac..... 1
 Gi3_26919069_x16.....uggaacaacggggugccgaaA..... 1
 Gi3_26947821_x16.....Uguggaacaacggggugccga..... 1
 Gi3_26949069_x16.....Cucggagacgucguggaacaacggggu..... 1
 Gi2_10264569_x16.....aacacggggugcGgaacu..... 1
 Gi2_10270937_x16.....gaacaacgAgugccgaacu..... 1
 Gi3_26928941_x16.....Uaagcgccgucaggccccgcc..... 1
 Gi3_26914269_x16.....gucguggaacaacggggugcAgaacu..... 1
 Gi3_26915997_x16.....gGcgcuguggaacaacggggugccgaac..... 1
 Gi2_10251209_x16.....gugggUacaacggggugccgaac..... 1
 Gi3_26923933_x16.....uggaacaacggggugcGgaacu..... 1
 Gi2_10264089_x16.....gGcuguggaacaacggggugccga..... 1
 Gi5_8326400_x16.....gaacaacggggugccgaaUu..... 1
 Gi1a_5543101_x16.....gggaacaacNgggugccgaacu..... 1
 Gi2_10261529_x16.....Uagacgucguggaacaacggggug..... 1
 Gi3_26921645_x16.....aggccccgccGguacugcg..... 1
 Gi2_10256089_x16.....ucggagacgucguggaacaacggggugccga..... 0
 Gi3_26947133_x16.....ucgAgggaacaacggggugccgaacu..... 1
 Gi3_26920237_x16.....aacacgGcugccgaacu..... 1
 Gi2_10268793_x16.....cUccaguacugcgauccg..... 1
 Gi2_10266985_x16.....cggaUacgucguggaacaacggggugcc..... 1
 Gi3_26927741_x16.....uggaacaacgUgccgaa..... 1
 Gi1_3858817_x16.....cguggaacUcgggugccgaacu..... 1
 Gi3_26955235_x15.....cgauccgagacgucguggaacaacggggug..... 0
 Gi2_10289020_x15.....gucguggaacaacggggugccgCac..... 1

Gi3_26956630_x15.....ccgccaguacugcgGucgg..... 1
Gi2_10279600_x15.....cgccaguacugcgGgac..... 1
G1a_5551094_x15.....gcgccgucagggcccgccaguacugc..... 0
Gi3_26977585_x15.....Cucgugggaaacacggggugccgaac..... 1
Gi2_10283140_x15.....aUgccccgccaguacugcgaucg..... 1
Gi1_3865667_x15.....acgucgugggaacacggggGgccgaacu..... 1
Gi3_26985820_x15.....gugggaacacggggugUcg..... 1
Gi2_10277275_x15.....acgucgugggaacacggggGgccgaacu..... 1
Gi3_26991610_x15.....aucggagaUgucgugggaacacggggg..... 1
Gi2_10276660_x15.....aCgccccgccaguacugc..... 1
Gi3_26961790_x15.....acgucAugggaacacggggugccgaacu..... 1
Gi3_26990530_x15.....gacgucgugggaacacggggGgccgaacu..... 1
Gi3_26965195_x15.....Gcaggccccgccaguacug..... 1
G1a_5544944_x15.....cUugggaacacggggugc..... 1
Gi3_26986045_x15.....Ggacgucgugggaacacggggugccgaac..... 1
Gi3_26975590_x15.....cgucaggccccgccaguacugcgGgaga..... 0
Gi1_3866147_x15.....gUgaacacggggugccgaacuu..... 1
Gi3_26987770_x15.....Accaguacugcgaucggagacguc..... 1
Gi3_26974450_x15.....gagacgucgugggaacacgggAugccg..... 1
Gi3_26976220_x15.....ucAugggaacacggggugccgaac..... 1
Gi2_10294120_x15.....gucguAggaaacacggggugccgaacu..... 1
Gi1_3864797_x15.....Cacgucgugggaacacggggugccgaacu..... 1
Gi2_10288285_x15.....cUgagacgucgugggaacacg..... 1
Gi3_26954335_x15.....Gccgccaguacugcgaucggagacguc..... 1
Gi5_8342417_x15.....ggaaUacggggugccgaacu..... 1
Gi2_10288480_x15.....cgGgggaacacggggugccga..... 1
Gi2_10278850_x15.....gugggaacacggggGgccgaa..... 1
Gi3_26970460_x15.....gccaguacCgcgaucggagacgucgu..... 1
Gi2_10291165_x15.....cgucguggNaacacggggugcc..... 1
Gi2_10286815_x15.....gugggCacacggggugcc..... 1
Gi2_10274320_x15.....ggccccgccaguacugcgGuc..... 1
Gi1_3866567_x15.....gugggaaAacggggugccgaacu..... 1
Gi3_26953795_x15.....gaucggagNcgucgugggaacacggg..... 1
Gi3_26957815_x15.....Uggccccgccaguacugcg..... 1
Gi3_26978905_x15.....ugggaacGcggggugccga..... 1
Gi3_26958190_x15.....acgucguggAaacacggggugccgaacu..... 1
Gi2_10289785_x15.....aucggagacgucgugggaacacggggGgc..... 1
Gi2_10289995_x15.....ucgugggaacacggggugUcgaacu..... 1
G1a_5546579_x15.....cUaucggagacgucgugg..... 1
Gi3_26961460_x15.....cgucgugggaacGcggggugcc..... 1
Gi3_26986525_x15.....gugggaCcacggggugcc..... 1
Gi2_10292560_x15.....ucgugggaacacggggugccgaGc..... 1
Gi3_26957365_x15.....caggccccNccaguacugcga..... 1
Gi3_26959030_x15.....cgucgugggaacGcggggugccga..... 1
Gi5_8341652_x15.....gggaacacggggUaccgaacu..... 1
Gi3_26983600_x15.....aggccccgccGguacugc..... 1
Gi2_10290625_x15.....aggccAcgccaguacugcgauc..... 1

Gi1_3866357_x15.....gucgugggaaacacggggugccgaaA..... 1
Gi3_26970535_x15.....Aaucggagacgucgugggaaacacggg..... 1
Gi3_26965420_x15.....Ggcgccgucaggccccgccagu..... 1
Gi3_26987935_x15.....cgucgugggaGcacggggugccgaac..... 1
Gi3_26983330_x15.....Gcggagacgucgugggaaacacggggu..... 1
Gi5_8341052_x15.....cgucgugggaCcacggggugccgaacu..... 1
Gi3_26980240_x15.....gggaacacggAgugccgaac..... 1
G1a_5549339_x15.....gccaguacugcgauccgagacgucgug..... 0
Gi2_10293100_x15.....cgCgggaacacggggugc..... 1
Gi3_26991895_x15.....cGcgccaguacugcgauccgagacguc..... 1
Gi1_3871667_x15.....cgugggaaUacggggugccgaacu..... 1
Gi2_10292455_x15.....guUgugggaaacacggggugccgaac..... 1
Gi3_26971750_x15.....Ugugggaaacacggggugc..... 1
Gi2_10285135_x15.....aucAgagacgucgugggaaaca..... 1
Gi3_26976115_x15.....aucAgagacgucgugggaaacacggg..... 1
Gi2_10292410_x15.....gaucgAagacgucgugggaaacacggg..... 1
Gi2_10287070_x15.....guggAaacacggggugcc..... 1
Gi5_8341307_x15.....cAucgugggaaacacggggugccgaacu..... 1
Gi5_8348927_x15.....gggGacacggggugccgaac..... 1
Gi2_10272550_x15.....cUccgccaguacugcgaucc..... 1
Gi3_26985610_x15.....gaucggagacgucgugggCcacacggggg..... 1
Gi3_26980600_x15.....aucggagacgucguAggaacacgggggu..... 1
Gi2_10292710_x15.....ucgugggaaacaUggggugccgaacu..... 1
Gi3_26953120_x15.....ggaacacggggGcgccgaa..... 1
Gi2_10277470_x15.....aggccccgAcaguacugcgaucc..... 1
Gi3_26975725_x15.....gggaacacggggugccgaaU..... 1
Gi3_26979265_x15.....uGaggccccgccaguacugcgaucc..... 1
Gi3_26956675_x15.....gucaggccccgccaguacugcgauccgaga..... 0
G1a_5547164_x15.....gagaagcgccgucaggccc..... 0
Gi3_26987845_x15.....gugggaaGacggggugccgaacu..... 1
Gi1_3870557_x15.....aacacgggAugccgaacu..... 1
Gi2_10288675_x15.....aUgccccgccaguacugcgauccgagac..... 1
Gi2_10280350_x15.....cgauccggagacgucgugggaaacacggggugcc..... 0
Gi5_8338832_x15.....Uccccgccaguacugcgaucc..... 1
Gi2_10286545_x15.....aucggagaNgucgugggaaacacggg..... 1
Gi1_3868577_x15.....aGcggagacgucgugggaaacacg..... 1
Gi3_26969725_x15.....gggaacGcggggugccgaa..... 1
Gi5_8349542_x15.....ugggaaacacggggugccgaaUu..... 1
Gi2_10293310_x15.....ggccccgccGguacugcgaucc..... 1
Gi2_10280530_x15.....caggccccNccaguacugcgaucc..... 1
Gi4_510287_x15.....Uggaacacggggugccgaacu..... 1
Gi1_3865442_x15.....Cgggaacacggggugccgaac..... 1
Gi2_10281505_x15.....cgucguggNaacacggggugc..... 1
Gi2_10280290_x15.....gggaacacggggugccgaUc..... 1
Gi3_26954005_x15.....ugggCacacggggugccgaac..... 1
Gi5_8342597_x15.....ucgugggCacacggggugccgaacu..... 1
Gi2_10287400_x15.....cgugggaaacacgggCugccgaacu..... 1

Gi2_10282390_x15.....ggaacacggggugcUgaac..... 1
Gi5_8351357_x15.....cguggCaacacggggugccgaacu..... 1
Gi2_10293505_x15.....aUagaagcgcgcgucaggcccc..... 1
Gi4_510062_x15.....ugggaacacggggugccgaac..... 0
Gi3_26982400_x15.....Aaucggagacgucgugggaacacgggggu..... 1
Gi3_26966320_x15.....gaacacggggguCccgaacu..... 1
Gi1_3871637_x15.....Uccaguacugcgauccggagacg..... 1
Gi2_10285165_x15.....gugggaacacggggugccgaGu..... 1
Gi3_26957065_x15.....gugggaacacgggAugccga..... 1
Gi2_10274620_x15.....aucggagGcgucgugggaacacgggggu..... 1
Gi2_10282375_x15.....gugggaacCcggggugccgaa..... 1
Gi3_26954680_x15.....acgucguAggaacacggggugccgaacu..... 1
Gi3_26956360_x15.....gucgugggaacacggggugAcgaacu..... 1
Gi5_8354492_x15.....ucgugggaacacggggAgccgaacu..... 1
Gi2_10292935_x15.....aUaagcgcgcgucaggcccc..... 1
Gi3_26961295_x15.....ggaacacggggAgccgaac..... 1
Gi3_26966065_x15.....cUccgucaggccccgccaguacu..... 1
Gi2_10286065_x15.....ggaacCcggggugccgaacu..... 1
Gi5_8342702_x15.....Uccgucaggccccgccaguacugc..... 1
Gi3_26986090_x15.....ucgugggCacacggggugccgaacu..... 1
Gi3_26964505_x15.....cUucaggccccgccaguacugcgauccg..... 1
G1a_5555699_x15.....cGguacugcgauccggagacguc..... 1
Gi2_10277770_x15.....cggagacgucgugggaGcacggggugcc..... 1
G1a_5557244_x15.....cgccaguacugcgauccggagacgucgug..... 0
Gi5_8352467_x15.....ucgugggaacacgAggugccgaacu..... 1
Gi2_10285975_x15.....ucaggcccNgccaguacugcgaucc..... 1
Gi3_26990470_x15.....gugggaacaUggggugccgaa..... 1
Gi5_8339162_x15.....cgGgggaacacggggugccgaac..... 1
Gi2_10292485_x15.....gucgugggaacacAgggugccgaacu..... 1
Gi3_26964910_x15.....cgugUgaacacggggugccg..... 1
Gi2_10285195_x15.....cUaucggagacgucgugggaacacggg..... 1
Gi3_26971795_x15.....acugcgauccggagacgCcg..... 1
Gi2_10286245_x15.....ucgugAgaacacggggugccgaacu..... 1
Gi2_10286365_x15.....gaacacggggugccgUacu..... 1
Gi1_3864857_x15.....gaagagaagcgcgcgucaggccccgccagu..... 0
Gi2_10277935_x15.....aggccccgccaguacuAcgaucc..... 1
Gi3_26965330_x15.....aucggagacgucguggAaacacg..... 1
Gi3_26977600_x15.....aggccccgccaguacCgcg..... 1
Gi1_3871277_x15.....aGgucgugggaacacggggugccgaacu..... 1
Gi3_26957845_x15.....Cgaacacggggugccgaa..... 1
Gi3_26987995_x15.....aggccccgNcaguacugcgau..... 1
Gi1_3870692_x15.....gaacacggggugccgaacA..... 1
Gi2_10288990_x15.....Agggaacacggggugccgaac..... 1
Gi3_26955925_x15.....gugggCacacggggugcc..... 1
G1a_5554544_x15.....Uaucggagacgucgugggaacacggggu..... 1
Gi2_10275025_x15.....cccgccaguacugcgauccggagacAuc..... 1
Gi3_26987710_x15.....cccgccaguacugcgauccggagacgucg..... 0

Gi5_8344022_x15.....gugggaacacgUggugccgaacu..... 1
Gi5_8340962_x15.....gGcaggccccgccaguacugcg..... 1
Gi3_26981710_x15.....cgugggaacCcggggugccgaac..... 1
Gi3_26966620_x15.....Gcggagacgucgugggaacacg..... 1
Gi3_26966275_x15.....cccgccagNacugcgauccggagacguc..... 1
Gi3_26970265_x15.....caggccccgccaguacuAc..... 1
Gi3_26992150_x15.....cgugggaacGcggggugcc..... 1
G1a_5554214_x15.....Uuacugcgauccggagacgucg..... 1
Gi3_26961175_x15.....caggccccgccaguacugcgCuc..... 1
Gi3_27015215_x14.....ggUcccgccaguacugcgaucc..... 1
Gi2_10307565_x14.....gugggaacacggggugccgG..... 1
Gi3_27012191_x14.....Uuacugcgauccggagacgu..... 1
Gi1_3879432_x14.....cgugggaacacggggugcUgaacu..... 1
Gi2_10310043_x14.....cgugggaGcacggggugccga..... 1
Gi3_27003595_x14.....cccgccaguacugcgauccggagGcguc..... 1
Gi3_27017329_x14.....aggccccgccaguacCgcga..... 1
Gi3_27023657_x14.....Gucggagacgucgugggaacacggggugc..... 1
Gi5_8369117_x14.....ggUacacggggugccgaac..... 1
G1a_5560391_x14.....aGcggagacgucgugggaacacggg..... 1
Gi2_10297919_x14.....gucgugggNacacggggugccgaac..... 1
Gi1_3878494_x14.....gggagacgucGgggaacacggggugccgaacu..... 1
Gi1_3877024_x14.....ggGacacggggugccgaacu..... 1
Gi2_10297695_x14.....cucguuccgaauaggaaga..... 0
Gi3_27032603_x14.....gggaacacggggugUcgaac..... 1
Gi2_10315475_x14.....ccccgccaNuacugcgaucc..... 1
Gi2_10306417_x14.....gggagacguNgugggaacacggggugcc..... 1
Gi2_10297961_x14.....cCugggaacacggggugcc..... 1
Gi3_27018365_x14.....aUuacugcgauccggagacgu..... 1
Gi3_27007809_x14.....gGcaguacugcgauccggagacguc..... 1
Gi2_10306221_x14.....Ugucgugggaacacggggugccgaacu..... 1
Gi3_27025407_x14.....aggccccgccaguacugcAauc..... 1
Gi3_27023825_x14.....gaucggagacgucgugggGacacggggu..... 1
Gi2_10317505_x14.....ugggaacacggggGcgggaac..... 1
Gi3_26993515_x14.....gGgaagcgccgucaggccc..... 1
Gi3_27000529_x14.....aggccccgccUguacugcgaucc..... 1
Gi3_27024875_x14.....cgucguggAaacacggggugccgaacu..... 1
Gi3_27002013_x14.....cgucgugggUacacggggugcc..... 1
Gi2_10303743_x14.....cgggagacgCcgugggaacacggggugcc..... 1
Gi5_8356573_x14.....gagaagcgccgucaggccccgccaguacu..... 0
Gi5_8364455_x14.....gugggaacGcggggugccgaac..... 1
Gi5_8364035_x14.....cUucgugggaacacggggugccga..... 1
Gi4_511002_x14.....gGgggaacacggggugccgaa..... 1
Gi1_3875064_x14.....ugggaacacggggugccgaac..... 1
Gi3_27016783_x14.....gaucggagacgucgugggaGcacggg..... 1
Gi5_8358253_x14.....cgugggaacacggggugccUaacu..... 1
Gi2_10298759_x14.....gggaacacgggAugccgaa..... 1
Gi5_8367521_x14.....cgugggaacUcggggugccgaacu..... 1

Gi1_3873468_x14.....gugggaacacggggugccgaaUu..... 1
 Gi2_10295749_x14.....Gcaggccccgccaguacugcg..... 1
 Gi5_8358449_x14.....Cggaacacggggugccgaac..... 1
 Gi3_27000697_x14.....aacacggggugAcgaacu..... 1
 Gi1_3878522_x14.....Uagacgucgugggaacacggggugcc..... 1
 Gi5_8362285_x14.....ugggaacacggggugcGgaacu..... 1
 Gi3_27013605_x14.....gGcaggccccgccaguacugcgau..... 1
 Gi2_10309987_x14.....gugggaacacggggugcA..... 1
 Gi2_10310645_x14.....Ugugggaacacggggugcc..... 1
 Gi3_27002083_x14.....gGagagaagcgccgucagg..... 1
 Gi3_27023097_x14.....ccgccaguacugcgauccggagacgucgugg..... 0
 Gi2_10296127_x14.....cguggUaacacggggugccgaacu..... 1
 Gi1a_5557437_x14.....gGcaggccccgccaguacugcg..... 1
 Gi3_27020339_x14.....aucggGgacgucgugggaacacgg..... 1
 Gi3_26998233_x14.....ccUgccaguacugcgauccggagacguc..... 1
 Gi3_27005877_x14.....ccUgccaguacugcgau..... 1
 Gi2_10295525_x14.....aUuacugcgauccggagac..... 1
 Gi2_10296925_x14.....aggccccgccGguacugc..... 1
 Gi3_27003077_x14.....gugAgaacacggggugccgaa..... 1
 Gi1_3881588_x14.....ugggaacacggggugccgaa..... 0
 Gi1_3877444_x14.....gucgugggaacacggggGgccgaacu..... 1
 Gi3_27010903_x14.....caggccccgccaguacCgcg..... 1
 Gi1_3879348_x14.....ucgugggaacacggggugccgGacu..... 1
 Gi3_27032477_x14.....cgAcgugggaacacggggugccgaac..... 1
 Gi2_10298927_x14.....cgucgugggaacacggggugcUgaacu..... 1
 Gi3_27003175_x14.....gGcaggccccgccaguacug..... 1
 Gi3_27013227_x14.....cUccaguacugcgauccgg..... 1
 Gi5_8356643_x14.....gaacacggggugccgaacA..... 1
 Gi2_10312227_x14.....ucgugggaacacggggugccAaacu..... 1
 Gi3_26995993_x14.....caggccccgccaguacCgcgau..... 1
 Gi2_10304079_x14.....gugggaacacggUgugccg..... 1
 Gi2_10314117_x14.....guUaggccccgccaguacugc..... 1
 Gi3_27000347_x14.....Agggaacacggggugccga..... 1
 Gi3_26999073_x14.....acgucgugNgaacacggggugcc..... 1
 Gi3_27035697_x14.....gGagagaagcgccgucaggcccc..... 1
 Gi2_10296155_x14.....cUaucggagacgucgugggaacacg..... 1
 Gi2_10306333_x14.....gugggaacacggggUacc..... 1
 Gi1_3875750_x14.....Acgugggaacacggggugccgaacu..... 1
 Gi2_10310939_x14.....aucgggagacgucgugggaCcacggg..... 1
 Gi2_10301741_x14.....ugggGacacggggugccgaac..... 1
 Gi3_27000725_x14.....caUgccccgccaguacugcg..... 1
 Gi1a_5566509_x14.....Gguacugcgauccggagacguc..... 1
 Gi2_10300285_x14.....gugggaGcacggggugccgaa..... 1
 Gi2_10306123_x14.....gucgugggaacCcgggugccgaac..... 1
 Gi2_10307593_x14.....gugggaacacgggCugccgaacu..... 1
 Gi3_27019443_x14.....caggccccgccagCacugc..... 1
 Gi2_10310337_x14.....Uccaguacugcgauccgg..... 1

Gi3_27035431_x14.....gggaacacggggugcGgaacu..... 1
Gi2_10301125_x14.....ggaaacacgAggugccgaac..... 1
Gi1_3876590_x14.....ucgugAgaacacggggugccgaacu..... 1
Gi3_27036845_x14.....gaaGacggggugccgaacu..... 1
Gi5_8371203_x14.....agacgucgugggaacacggggGgccgaacu..... 1
Gi2_10302175_x14.....ggaaacacggggAgccgaac..... 1
Gi3_26994803_x14.....Ugucgugggaacacggggugcc..... 1
Gi2_10316049_x14.....caAgccccgccaguacugcgaucgg..... 1
Gi2_10303323_x14.....aggccccgccaguacugcgauU..... 1
Gi5_8364273_x14.....uCggaacacggggugccgaac..... 1
Gi1_3880790_x14.....cgugggaCcacggggugccgaacu..... 1
Gi2_10300131_x14.....aacacgAggugccgaacu..... 1
Gi3_26996539_x14.....aucggagacgucgugggaCcac..... 1
Gi2_10315055_x14.....aacacggAgugccgaacu..... 1
Gi3_27035683_x14.....aucggagacgucgugggaaAacggggu..... 1
Gi3_26994859_x14.....acgucgugAgaacacggggugccgaacu..... 1
Gi3_26995573_x14.....ugggaacacggggugcUga..... 1
Gi3_27022593_x14.....gGcgugggaacacggggugc..... 1
Gi3_27035109_x14.....caggccccgccaguacugcgaCc..... 1
Gi3_27012835_x14.....aggccccgccaguacAgcgauc..... 1
Gi3_27033891_x14.....aucggagacgucgugggaacacgAg..... 1
Gi5_8362537_x14.....acgucgugggaacacggggugccgaGcu..... 1
Gi3_26997953_x14.....cgucgugggaacacggAgugccgaacu..... 1
Gi2_10316063_x14.....Ugagacgucgugggaacacg..... 1
Gi2_10301293_x14.....gGgacgucgugggaacacggggugccgaac..... 1
Gi3_27009727_x14.....aucggagacgucgugggaacCcgggg..... 1
Gi2_10312451_x14.....ccccgccaguacugcgaucggagacgucgug..... 0
Gi2_10305143_x14.....cgugggaacacgAggugccgaac..... 1
Gi5_8356979_x14.....ugggaacacggggugAcgaacu..... 1
Gi5_8372323_x14.....aacacgggCugccgaacu..... 1
Gi3_27006311_x14.....gacgucgugggaacacgggAugccgaac..... 1
Gi3_27000389_x14.....aucggagacgucgugggaacGcgg..... 1
Gi3_27017525_x14.....cAugggaacacggggugccga..... 1
Gi3_26994047_x14.....Ucgccgucaggccccgccaguacugc..... 1
Gi3_27004225_x14.....ucgugggaacacggggugccgaacG..... 1
Gi3_27010203_x14.....Uucgugggaacacggggug..... 1
Gi5_8361347_x14.....aGcgggagacgucgugggaacacgg..... 1
Gi5_8366541_x14.....cgucgugggaacacacggggugccgGacu..... 1
Gi1_3875470_x14.....ugggaaUacggggugccgaacu..... 1
Gi3_26997533_x14.....ugggaacacggggugAcgaac..... 1
Gi5_8359023_x14.....agacgucgugggGacacggggugccgaacu..... 1
Gi3_27016013_x14.....gUgaacacggggugccgaacuu..... 1
Gi2_10314453_x14.....ugggaacacggggAgccgaacu..... 1
G1a_5570275_x14.....cgAgggaacacggggugccgaacu..... 1
G1a_5563275_x14.....aucggagacgucgugggaGcacggggugc..... 1
Gi2_10296883_x14.....Gggccccgccaguacugcgaucgga..... 1
Gi3_27033695_x14.....Uucgggagacgucgugggaacacggggu..... 1

Gi3_27013899_x14.....cgucgugggaacacggggAgccgaac..... 1
Gi3_27018715_x14.....agacgucgugggaacacggggCgccgaacu..... 1
Gi3_27030545_x14.....cCucgugggaacacggggugccgaacu..... 1
Gi1_3877192_x14.....gAaacacggggugccgaacu..... 1
Gi3_27026667_x14.....gugggaacacggCgugccgaac..... 1
Gi3_26998835_x14.....aggccccgccaguacugU..... 1
Gi3_27008089_x14.....aggccccgccaguacugcgaU..... 1
Gi2_10314537_x14.....Uaucggagacgucgugggaacacgg..... 1
Gi2_10299431_x14.....gugggaacacggggGgccgaa..... 1
Gi3_27008355_x14.....gggGacacggggugccgaa..... 1
Gi3_27011687_x14.....gugggaacacggggugccCaac..... 1
Gi3_27015467_x14.....cUucgugggaacacgggggu..... 1
Gi5_8370349_x14.....ucgugggaacacUgggugccgaacu..... 1
Gi1_3881728_x14.....ugggaacacggggugccgGacu..... 1
Gi3_27033947_x14.....aUgccccgccaguacugcgaucggagacg..... 1
G1a_5567377_x14.....aUuacugcgaucggagacgucgu..... 1
Gi1_3879236_x14.....gaacacggAgugccgaacu..... 1
Gi2_10304975_x14.....Uuacugcgaucggagacgucg..... 1
Gi1_3877626_x14.....aacacggggugcGgaacu..... 1
Gi3_27001005_x14.....cgccgucaggccccgccaguacuAc..... 1
Gi5_8365561_x14.....aCcacggggugccgaacu..... 1
Gi5_8362383_x14.....Gcaggccccgccaguacugcg..... 1
Gi1_3872894_x14.....ugggaacCcggggugccgaacu..... 1
Gi1_3882344_x14.....ucUugggaacacggggugccgaacu..... 1
Gi2_10315181_x14.....cgugggaacaAggggugccgaacu..... 1
Gi3_27006283_x14.....aucggagacgucgugggaacacggggAgcc..... 1
Gi5_8360171_x14.....cgugggaacacggggugccgaUcu..... 1
G1a_5567461_x14.....gugggaacacggAgugccgaacu..... 1
Gi3_27036117_x14.....gGucggagacgucgugggaacac..... 1
Gi3_26993571_x14.....guUgugggaacacggggugcc..... 1
Gi1_3882148_x14.....uggAaacacggggugccgaacu..... 1
G1a_5566257_x14.....gaagagaagcgccgucagggccc..... 0
Gi5_8364413_x14.....Uagaagcgccgucagggcccgc..... 1
Gi5_8388457_x13.....Uaucggagacgucgugggaacacg..... 1
Gi2_10324014_x13.....Cugggaacacggggugccgaa..... 1
Gi5_8377017_x13.....cgugggaacacggUgugccgaacu..... 1
Gi3_27083475_x13.....gucgugggaacacggggugUcgaacu..... 1
Gi2_10330345_x13.....gUccccgccaguacugcga..... 1
Gi2_10336793_x13.....ggagacgucgugggaacacggggugccga..... 0
Gi3_27061765_x13.....ugggaaAacggggugccgaacu..... 1
Gi5_8385727_x13.....aacCcggggugccgaacu..... 1
Gi3_27076780_x13.....cgucaggcNccgccaguacugcg..... 1
G1a_5576917_x13.....cgugggaacacggggCgccgaacu..... 1
Gi2_10327797_x13.....gugggaacacggUgugcc..... 1
Gi3_27064144_x13.....ucgugggaacaUggggugccgaac..... 1
Gi3_27071983_x13.....Uccaguacugcgaucggagac..... 1
Gi3_27059893_x13.....ugggaacacggggugccgCa..... 1

Gi3_27044189_x13.....gucgugAgaacacggggugccgaac..... 1
Gi2_10319594_x13.....aAgccccgccaguacugc..... 1
Gi3_27076078_x13.....auUggagacgucguggggaacac..... 1
Gi2_10332815_x13.....cugcgaucggGgacgucguggggaacac..... 1
Gi2_10336377_x13.....cgGcguggggaacacggggugcc..... 1
Gi2_10324950_x13.....ugggGacacggggugccga..... 1
G1a_5583456_x13.....ugggaacacggggGgccgaacu..... 1
Gi3_27053991_x13.....Cgccccgccaguacugcgauc..... 1
Gi2_10334258_x13.....Uccgucaggccccgccaguac..... 1
Gi3_27048817_x13.....acgucguggggaacacggggugccgaaAu..... 1
Gi3_27058593_x13.....gugggaacacggggUAccgaa..... 1
Gi3_27053900_x13.....aucggagacgucgugAgaacacg..... 1
G11_3889206_x13.....gGgggaacacggggugccgaacu..... 1
Gi2_10338496_x13.....gGucggagacgucguggggaacac..... 1
Gi2_10318853_x13.....cgugAgaacacggggugccgaac..... 1
Gi2_10319269_x13.....gugggaacacggggugccAa..... 1
G11_3884799_x13.....cgucguggggaacacggggugcU..... 1
Gi2_10324105_x13.....gugggaCcacggggugccgaac..... 1
G11_3884045_x13.....gUagacgucguggggaacacggggugcc..... 1
Gi3_27062051_x13.....gaucggagacgucGgggaacacggg..... 1
G11_3889765_x13.....Agaacacggggugccgaac..... 1
Gi2_10323715_x13.....gugggGacacggggugccgaa..... 1
G11_3890636_x13.....aacaGggggugccgaacu..... 1
Gi2_10340979_x13.....ggagacgucguggggaacacggggGgcc..... 1
Gi2_10326679_x13.....gccccgccNguacugcgauc..... 1
Gi3_27082344_x13.....Uccaguacugcgaucggagacg..... 1
Gi5_8381892_x13.....cgccaguacugcgaucggagacgucgugg..... 0
G1a_5579543_x13.....gUccccgccaguacugcgauc..... 1
Gi2_10332503_x13.....aggccccgcUaguacugcgauc..... 1
Gi3_27065470_x13.....caggccccgccaguGcugcgauc..... 1
Gi2_10339783_x13.....cUccgucaggccccgccaguacugc..... 1
Gi2_10339484_x13.....uUcgaucggagacgucguggggaaca..... 1
Gi2_10331502_x13.....guggUaacacggggugccgaa..... 1
Gi3_27047608_x13.....gugggaCcacggggugccga..... 1
Gi5_8383738_x13.....gucgGgggaacacggggugccgaacu..... 1
G11_3883343_x13.....gucguggggaacacggggugccgaCcu..... 1
G11_3883083_x13.....gugggaacacggggugccgUacu..... 1
Gi3_27050845_x13.....cgugggaacacgggUugccgaacu..... 1
Gi3_27054368_x13.....aGcggagacgucgugggga..... 1
Gi5_8375678_x13.....ggaacacgAggugccgaacu..... 1
Gi2_10337417_x13.....cUccaguacugcgaucggaga..... 1
Gi2_10339796_x13.....cGggccccgccaguacugcgauc..... 1
Gi2_10338054_x13.....aUgccccgccaguacugcgaucggaga..... 1
Gi5_8383608_x13.....acgucGcgggaacacggggugccgaacu..... 1
Gi2_10320075_x13.....aggccccgccaguCucgcauc..... 1
Gi2_10334609_x13.....aggccccgccGguacugcg..... 1
Gi5_8390108_x13.....aUgccccgccaguacugcga..... 1

Gi2_10331086_x13.....gUagacgucgugggaacac..... 1
Gi1_3891728_x13.....gccccgccaguacugcgauc..... 0
Gi5_8380592_x13.....aacacggggugccgaUcu..... 1
Gi2_10319945_x13.....aCcgagacgucgugggaacac..... 1
Gi3_27045502_x13.....Agucgugggaacacggggugccgaacu..... 1
Gi3_27078808_x13.....cgGcaggccccgccaguacugc..... 1
Gi3_27056357_x13.....gggNacacggggugccgaac..... 1
Gi1_3887724_x13.....cgugggaacacggggugccgaacAu..... 1
Gi3_27048557_x13.....cgugggUacacggggugc..... 1
Gi3_27068837_x13.....ugggaacacggggugcAgaa..... 1
Gi2_10320426_x13.....ggaacacggggugccAaac..... 1
Gi5_8390875_x13.....aUgucgugggaacacggggugccgaacu..... 1
Gi3_27076793_x13.....aUgccccgccaguacugcgaucg..... 1
Gi3_27074661_x13.....gugggaacacggAgugccgaa..... 1
Gi3_27044813_x13.....gugggaacacggggugcAgaa..... 1
Gi2_10329461_x13.....aucggagacgucgugggaacacggggugccgaacu..... 0
Gi2_10336026_x13.....gugggaacacggggugUc..... 1
Gi2_10342331_x13.....cgucgugggaacacggggGgc..... 1
Gi3_27058710_x13.....Cgggaacacggggugccg..... 1
Gi3_27069773_x13.....gucgugggaacacAgggugccgaac..... 1
Gi3_27054771_x13.....caggccccgccaguacugcgauA..... 1
G1a_5579894_x13.....Uggaacacggggugccgaa..... 1
Gi3_27069578_x13.....aacacggggugccgaUcu..... 1
Gi1_3884266_x13.....cgggagacgucgugggaacacggggugccgaac..... 0
Gi1_3889453_x13.....cgucgugggGacacggggugccgaacu..... 1
Gi3_27065574_x13.....gggaacacggggGgccgaa..... 1
Gi3_27067849_x13.....aucggagacguUgugggaacacg..... 1
Gi3_27076247_x13.....Gcucgugggaacacggggugcc..... 1
Gi2_10340576_x13.....guAggaacacggggugccg..... 1
G1a_5572432_x13.....gagacgucgugggaacacggggugccgaacu..... 0
Gi2_10328512_x13.....aggccccgccaguacugcgaucggagacgucg..... 0
Gi3_27082513_x13.....aucggagacgucgugggaacacC..... 1
Gi2_10321739_x13.....aucgUagacgucgugggaacacggggg..... 1
Gi3_27065964_x13.....cgucgugggaacacggggugccgaGc..... 1
G1a_5581116_x13.....gacgucgugggaacacggggugccgaac..... 0
Gi2_10323975_x13.....aucggagacgucgugggaCcacggggug..... 1
Gi2_10337521_x13.....ugggaacacgUggugccgaacu..... 1
Gi2_10336520_x13.....gugggaacacggggugcUga..... 1
Gi1_3892859_x13.....cgAcgugggaacacggggugccgaacu..... 1
Gi3_27043461_x13.....aacacggggugccgaaGu..... 1
Gi2_10334284_x13.....gaacacggggAgccgaacu..... 1
Gi3_27043396_x13.....aaNacggggugccgaacu..... 1
G1a_5578022_x13.....Uucgugggaacacggggugcc..... 1
G1a_5574590_x13.....Uaucggagacgucguggg..... 1
Gi5_8389614_x13.....cUccaguacugcgaucggagacgu..... 1
Gi3_27050910_x13.....Uaagcgccgucaggccccgccaguac..... 1

Gi5_8375054_x13.....acgucgugggaacGcggggugccgaacu..... 1
 Gi1_3886372_x13.....Agugggaacacggggugccgaacu..... 1
 Gi3_27060270_x13.....caggccccgccCguacugcgau..... 1
 Gi2_10322467_x13.....aUgucgugggaacacggggugcc..... 1
 Gi3_27046659_x13.....aAgccccgccaguacugc..... 1
 Gl1a_5583508_x13.....acugcgauccggagGcgucgug..... 1
 Gi5_8374560_x13.....gUccccgccaguacugcgau..... 1
 Gi3_27040796_x13.....cgucgugggaacacggggugUcgaacu..... 1
 Gi3_27046724_x13.....agGcgucgugggaacacggggugccgaacu..... 1
 Gi3_27076377_x13.....gaucggagacgucgugggaacGcggggg..... 1
 Gi1_3888946_x13.....Uaucggagacgucgugggaacac..... 1
 Gi3_27063962_x13.....gugAgaacacggggugccg..... 1
 Gi3_27052041_x13.....aucggagacgucAuggggaacacggg..... 1
 Gi3_27063975_x13.....gaacacgCggugccgaacu..... 1
 Gi2_10341174_x13.....cgugggaacacggggugcUgaac..... 1
 Gi5_8373663_x13.....Agaacacggggugccgaac..... 1
 Gi3_27050676_x13.....ggaacGcggggugccgaa..... 1
 Gi1_3892820_x13.....gaacacggggUaccgaacu..... 1
 Gi3_27048648_x13.....aacacgggUugccgaacu..... 1
 Gl1a_5574616_x13.....uUcgauccggagacgucgu..... 1
 Gi5_8373533_x13.....aggccccgNcaguacugcgau..... 1
 Gi3_27083124_x13.....aucggGacgucgugggaacacggggugcc..... 1
 Gi5_8387781_x13.....aUagaagcgccgucagggccccccagu..... 1
 Gi3_27037988_x13.....cgucguggGacacggggugccg..... 1
 Gi3_27074219_x13.....aUacgucgugggaacacggggugccga..... 1
 Gi3_27040822_x13.....gUagacgucgugggaacacggggugccg..... 1
 Gi2_10326341_x13.....guggCaacacggggugccgaac..... 1
 Gi5_8381749_x13.....ucggagacgucgugggaacacggggugccgaacu..... 0
 Gi5_8373156_x13.....cguUggaacacggggugccgaacu..... 1
 Gi1_3886892_x13.....ucaggccccgccaguacugcgauccggagacgu..... 0
 Gi2_10336364_x13.....gGgggaacacggggugccgaacuu..... 1
 Gi5_8386585_x13.....cgugggaacacggggugccgaCc..... 1
 Gi2_10319009_x13.....gGagagaagcgccgucagggccccgcc..... 1
 Gi2_10320712_x13.....Uacgucgugggaacacgg..... 1
 Gi5_8387677_x13.....ugcgauccggagacgucgugggaacacggg..... 0
 Gi1_3888842_x13.....gggaacacggggUaccgaacu..... 1
 Gi2_10321050_x13.....Uucggagacgucgugggaacacgggg..... 1
 Gi5_8389458_x13.....gucgugggaaAacggggugccgaacu..... 1
 Gi3_27047751_x13.....Ugucgugggaacacggggugccgaac..... 1
 Gi3_27038872_x13.....gggaacacgggCugccgaac..... 1
 Gi5_8387339_x13.....cgucgugggaacacggggugccgaCcu..... 1
 Gi3_27064716_x13.....Uggccccgccaguacugc..... 1
 Gl1a_5572367_x13.....gggaacacggggugccgaCcu..... 1
 Gi3_27083644_x13.....gaUgagaagcgccgucagggcccc..... 1
 Gi2_10337222_x13.....gaacacgggAugccgaacu..... 1
 Gi3_27077404_x13.....aucggagacgucgugggaaUacg..... 1
 Gi1_3887698_x13.....uGugggaacacggggugcc..... 1

Gi3_27045762_x13.....aggccccgccaguGcugc.....1
Gi3_27083969_x13.....Uucggagacgucgugggaaacacg.....1
Gi5_8378512_x13.....ggaacacggggugAcgaaacu.....1
Gi1_3892222_x13.....gggaacacggggugccAaacu.....1
Gi2_10337352_x13.....cggagacgucgugggaaacacggggGgcc.....1
Gi1_3889180_x13.....gaacacggggugccgaacAu.....1
Gi5_8380787_x13.....cgNgggaacacggggugccgaacu.....1
Gi2_10340134_x13.....ggagacgucgugggaaacacggggCgcc.....1
Gi2_10323767_x13.....gUgacgucgugggaaacacggggU.....1
Gi2_10332243_x13.....Uagaagcgccgucaggccccgccaguac.....1
Gi2_10329318_x13.....gugggaacacCgggugccgaacu.....1
Gi3_27074700_x13.....gucgugggaaUacggggugccgaacu.....1
Gi3_27052431_x13.....gGucggagacgucgugggaaacacgg.....1
Gi3_27051846_x13.....aggccUcgccaguacugc.....1
Gi3_27081447_x13.....Ggagaagcgccgucaggccccgc.....1
Gi3_27052184_x13.....gggaacacgggCugccgaacu.....1
Gi5_8378239_x13.....gugggaacacAgggugccgaac.....1
Gi2_10332724_x13.....ggaacacggggugUcgaac.....1
Gi3_27061154_x13.....cgucgugggaaacaUggggugccgaacu.....1
Gi3_27067251_x13.....cgugggaaacacggggUcccgaacu.....1
Gi3_27057670_x13.....Uaucggagacgucgugggaa.....1
Gi3_27080758_x13.....cggagacgNcgugggaaacacggggU.....1
Gi3_27066016_x13.....ucgugggaaacacggggAgccgaac.....1
Gi1_3888257_x13.....ucgugggaaNcacggggugcc.....1
Gi1_3885969_x13.....cUgagacgucgugggaaacacggggugc.....1
Gi2_10328096_x13.....aucggagacgucgugggaaacacggggCg.....1
Gi3_27067706_x13.....ggUaacacggggugccgaa.....1
Gi2_10330462_x13.....gugggaacacggggugAc.....1
Gi2_10340264_x13.....cgugggaaacGcggggugcc.....1
Gi2_10336429_x13.....ggagacgucgugggGacacggggugcc.....1
Gi5_8386247_x13.....guggUaacacggggugccgaac.....1
Gi2_10336780_x13.....cgucgugggaaacGcggggugcc.....1
Gi1_3889622_x13.....cgugggaaacacgggAugccgaacu.....1
G1a_5579179_x13.....gCaacacggggugccgaacu.....1
Gi5_8384635_x13.....ucgugggaaCcacggggugccgaacu.....1
Gi3_27055356_x13.....ugggaaUacggggugccga.....1
G1a_5574135_x13.....gugggaUcacggggugccgaacu.....1
Gi2_10348810_x12.....ggccccgccCguacugcgau.....1
Gi3_27092385_x12.....aUagaagcgccgucaggccccgccagua.....1
Gi5_8403450_x12.....gggaacacggggugccgaCc.....1
Gi3_27108285_x12.....gucgugggaaUacggggugcc.....1
Gi5_8401134_x12.....acgucgugggaaacacggggugccgCacu.....1
G1a_5591923_x12.....ggaacGcggggugccgaacu.....1
Gi3_27114477_x12.....aucggagacgucgugggaaacaUggg.....1
Gi3_27099693_x12.....aucggagacgucguAggaaacacgggg.....1
Gi2_10349518_x12.....aggccccgccCguacugcgau.....1
Gi2_10352962_x12.....gugggaacacggggUaccgaa.....1

Gi5_8406426_x12.....ugUgaacacggggugccgaac..... 1
Gi3_27115485_x12.....cgugUgaacacggggugccga..... 1
Gi2_10366858_x12.....Ucgccgucaggccccgccaguac.....gggaacacggggugccAaac..... 1
Gi3_27117105_x12.....aUcgccgucaggccccgccaguac..... 1
Gi2_10343518_x12.....cUccaguacugcgauccggagacgucgug..... 1
Gi3_27131097_x12.....aUgucgugggaacacggggugccgaac..... 1
Gi3_27089613_x12.....acAucgugggaacacggggugccgaacu..... 1
G1a_5595799_x12.....Ggucaggccccgccaguacugc..... 1
Gi2_10359622_x12.....gacgucgugggaacacggggCgcc..... 1
Gi2_10357450_x12.....cgucguggNaacacggggugccga..... 1
Gi5_8407974_x12.....uUggaacacggggugccgaacuuu..... 1
Gi3_27111897_x12.....ggaacacggggugAcgaacu..... 1
Gi2_10352218_x12.....gGgaagcgccgucaggccccgcc..... 1
Gi3_27112029_x12.....gugggaaUacggggugccga..... 1
Gi5_8397978_x12.....Agucgugggaacacggggugccgaacu..... 1
G1a_5600383_x12.....gacgucgugggaacacggg..... 0
Gi2_10355878_x12.....cgGcaggccccgccaguacugc..... 1
Gi2_10368346_x12.....gCgaacacggggugccgaac..... 1
Gi3_27114297_x12.....Aacgucgugggaacacggggugccgaac..... 1
Gi5_8406702_x12.....gaacacggggugccgUacu..... 1
G1a_5594647_x12.....Ugccccgccaguacugcg..... 1
Gi3_27128193_x12.....aucggagacgucGgggaacacggggugcc..... 1
Gi3_27088365_x12.....gugggaacacgggUugccgaacu..... 1
Gi2_10364770_x12.....caggccccgccaguacugcga..... 0
Gi2_10343602_x12.....gGcgucgugggaacacggggugcc..... 1
Gi2_10349122_x12.....gAgggaacacggggugccga..... 1
Gi3_27090537_x12.....Gccgccaguacugcgauccggagac..... 1
Gi2_10357582_x12.....ggccccgccaguacugcgauccggagacg..... 0
G1a_5596159_x12.....ggaacacggggugccgaGcu..... 1
Gi3_27129081_x12.....cgugggaacacggggCgc..... 1
Gi1_3894578_x12.....gaacacgAggugccgaacu..... 1
Gi3_27126765_x12.....cGguacugcgauccggagacgucgug..... 1
Gi2_10360018_x12.....gugCgaacacggggugccgaacu..... 1
Gi2_10361062_x12.....ucguggAaacacggggugccgaacu..... 1
Gi5_8395194_x12.....ucgugggaacacggggugccgaUu..... 1
Gi5_8404086_x12.....Gcggagacgucgugggaacacg..... 1
Gi3_27115845_x12.....gGcgucgugggaacacggg..... 1
Gi3_27111189_x12.....Ggucaggccccgccaguacug..... 1
Gi2_10350262_x12.....aucggagacgucgugggGacacg..... 1
Gi5_8404014_x12.....caggccccgccaguacugUgauc..... 1
Gi3_27126465_x12.....gugggaacacgCggugccgaac..... 1
G1a_5592811_x12.....ugUgaacacggggugccgaacu..... 1
Gi3_27131781_x12.....gggUacacggggugccgaac..... 1
Gi2_10353946_x12.....gugggaacCcgggugccga..... 1
Gi3_27104253_x12.....gugggaacacgAggugccg..... 1
Gi5_8402454_x12.....gugggaUcacggggugccgaacu..... 1
Gi5_8392950_x12.....ucgugggaacacgggAugccgaacu..... 1

Gi3_27089421_x12.....Uagacgucgugggaacacggggugcc..... 1
Gi2_10364806_x12.....aucggagacgucgugggaGca..... 1
Gi2_10349266_x12.....aGcggagacgucguggga..... 1
Gi2_10353058_x12.....gugggUacacggggugccgaa..... 1
Gi3_27101277_x12.....aUagaagcgcggucaggccccgcca..... 1
Gi5_8399922_x12.....Uccgucaggccccgccaguacu..... 1
Gi3_27104001_x12.....acgucgugggaacacggggGgccgaac..... 1
Gi3_27088161_x12.....gucgugggaacacggggugccAaac..... 1
Gi5_8406534_x12.....ugggaacacggggugccgaUcu..... 1
Gi1_3903482_x12.....cgGcgugggaacacggggugccgaacu..... 1
Gi2_10365946_x12.....ccccccagNacugcgaucgg..... 1
G1a_5598271_x12.....aGcggagacgucgugggaacacggggg..... 1
G1a_5599711_x12.....caguacugNgaucggagacguc..... 1
Gi3_27128397_x12.....cgucgugggaacacggggugccgaaAu..... 1
Gi3_27095721_x12.....cgucgugggaacacggggGccg..... 1
Gi5_8393562_x12.....acgucgugggaacacggggGgccgaacu..... 1
Gi3_27118185_x12.....gggaacacggggAgccgaac..... 1
Gi2_10365430_x12.....ucguUggaacacggggugccgaac..... 1
Gi1_3896738_x12.....gaacacggggAgccgaacu..... 1
Gi5_8406594_x12.....ugcgaucggagGcugcuggg..... 1
Gi1_3901862_x12.....gugggaacacggggugcAgaacu..... 1
Gi5_8396226_x12.....ugggaacacAgggugccgaac..... 1
Gi3_27084489_x12.....gucgugggaacacggggAgccgaacu..... 1
Gi2_10363066_x12.....Gcugcugugggaacacggggugc..... 1
Gi1_3902078_x12.....gugggaacacggggugUcgaacu..... 1
Gi2_10360870_x12.....gUgacgucgugggaacac..... 1
Gi2_10356790_x12.....gugggaacacggggAgcc..... 1
Gi5_8395050_x12.....gagaagcgcggucagAccccgccaguacugc..... 1
Gi3_27111585_x12.....cgugggaacacgUggugcc..... 1
Gi2_10363522_x12.....cgucgugggaacacggggGgccg..... 1
Gi2_10363750_x12.....aucggagacgucgugggaGcacggggugcc..... 1
Gi2_10349146_x12.....Uccccgccaguacugcgaucgg..... 1
Gi5_8399046_x12.....gugggGacacggggugccgaac..... 1
Gi5_8399490_x12.....gggaacacggggugccgaGc..... 1
Gi3_27130557_x12.....Ugucaggccccgccaguacugc..... 1
Gi2_10350538_x12.....aacaGggggugccgaacu..... 1
Gi3_27090825_x12.....aucgUagacgucgugggaacacggggugcc..... 1
Gi5_8393010_x12.....Ugccccgccaguacugcgauc..... 1
Gi2_10365538_x12.....gggagacgucgugggaacGcggggugcc..... 1
G1a_5593111_x12.....agacgucgugggaacacggggugccgaac..... 0
Gi2_10356346_x12.....gugggaacacggggugcAgaac..... 1
Gi5_8406462_x12.....Uugggaacacggggugccgaacuuu..... 1
Gi5_8403738_x12.....gggaacacggggugccgaaUu..... 1
Gi2_10368670_x12.....cAgagacgucgugggaacacggggugcc..... 1
Gi3_27125169_x12.....gugggaacacggggugcGgaac..... 1
Gi3_27122781_x12.....gacgucgugggaacacggggugccgCacu..... 1
Gi1_3898730_x12.....ugggaacacgggUugccgaacu..... 1

Gi1_3895202_x12.....acgucgugggGacacggggugccgaacu..... 1
Gi2_10362994_x12.....auUgggagacgucgugggaacacggggug..... 1
Gi2_10351690_x12.....gGucggagacgucguggga..... 1
Gi2_10359022_x12.....gggaacacAgggugccgaac..... 1
Gi3_27105885_x12.....gucgugggUacacggggugccgaacu..... 1
Gi2_10356094_x12.....gaucggagacgucgugggCacacggg..... 1
Gi5_8405958_x12.....ggaacacggggUaccgaacu..... 1
Gi3_27094389_x12.....gaacacAgggugccgaac..... 1
Gi5_8395374_x12.....Uaagcgccgucagggcccgccagua..... 1
Gi5_8400954_x12.....gucguAggaacacggggugccgaacu..... 1
Gi1_3894866_x12.....gGcuggggaacacggggugcc..... 1
G1a_5591767_x12.....aucgggagacgucgugggaacGcggggugc..... 1
Gi3_27106053_x12.....aCcggaacgucgugggaacacggggugcc..... 1
Gi2_10355590_x12.....Gaggccccgccaguacugcgau..... 1
Gi3_27092469_x12.....caUgccccgccaguacugc..... 1
Gi2_10351654_x12.....uGaggccccgccaguacugcgau..... 1
Gi1_3903314_x12.....ucgugggaNcacggggugccgaac..... 1
Gi3_27094101_x12.....ccccgccaNuacugcgau..... 1
Gi3_27095265_x12.....cgugggaacacggggugccgGa..... 1
Gi2_10367614_x12.....Uucaggccccgccaguacugcgau..... 1
Gi3_27108957_x12.....cAugggaacacggggugccgaa..... 1
Gi2_10360234_x12.....ugggaacacggggugccAaac..... 1
Gi3_27125493_x12.....gaucggagNcgucgugggaacacggggg..... 1
Gi3_27130677_x12.....acgucgugggaacaUggggugccgaacu..... 1
G1a_5597455_x12.....cgugggGacacggggugccgaacu..... 1
Gi3_27104313_x12.....ugggaacacggggugccA..... 1
Gi2_10353982_x12.....gucgugAgaacacggggugccgaacu..... 1
Gi3_27093693_x12.....uGgugggaacacggggugc..... 1
Gi3_27117777_x12.....gCcaggccccgccaguacugc..... 1
Gi3_27101145_x12.....cgugggaacacgUggugccga..... 1
Gi5_8408106_x12.....cgugggaacacgggCugccgaacu..... 1
Gi1_3897818_x12.....acgucgCgggaacacggggugccgaac..... 1
Gi1_3901958_x12.....gaacacgggAugccgaacu..... 1
Gi2_10348558_x12.....ucgugggaacacggggugccgCac..... 1
Gi5_8394318_x12.....gaacacggggugccgaUcu..... 1
Gi3_27103737_x12.....gaacacggggugccgaaGu..... 1
Gi5_8403654_x12.....ugggGacacggggugccgaac..... 1
Gi2_10351978_x12.....gugggaacacAgggugccga..... 1
Gi3_27111093_x12.....cgucgCgggaacacggggugcc..... 1
Gi2_10356034_x12.....gugggaacacggAgugccg..... 1
Gi2_10366342_x12.....Ggugggaacacggggugccg..... 1
Gi5_8394270_x12.....gugggaacNcgggugccga..... 1
Gi2_10353310_x12.....gucgugggaacacggggCgcc..... 1
Gi2_10345426_x12.....cUccaguacugcgauccggagacguc..... 1
Gi3_27132045_x12.....caggccccAccaguacugcgau..... 1
Gi3_27106005_x12.....gccgucaggccccAccaguacugcg..... 1
Gi2_10346302_x12.....cgucgugggaacacggggugccgG..... 1

Gi3_27130953_x12.....aAcggagacgucgugggaacacg..... 1
 Gi3_27086025_x12.....cgucUugggaacacggggugccg..... 1
 Gi3_27088461_x12.....gucgugggNacacggggugcc..... 1
 Gi3_27132249_x12.....ucgugggaaAacggggugccgaacu..... 1
 Gi3_27125529_x12.....acgucgugggaacacggggAgccgaacu..... 1
 Gi2_10357774_x12.....aucggagacgucgugggaacacggggAgcc..... 1
 Gi5_8402286_x12.....ucgugggaaUacggggugccgaacu..... 1
 Gi2_10344454_x12.....caggccccgccaguacugcgaCc..... 1
 G1a_5596075_x12.....Uaacacggggugccgaac..... 1
 Gi3_27113721_x12.....aucggagacgCgugggaacacgg..... 1
 G1i_3901538_x12.....gucgugggaacacggggCgccgaacu..... 1
 G1i_3900458_x12.....ucgugggaacacggggugccAaacu..... 1
 Gi3_27090753_x12.....gaacacggggugcGgaacu..... 1
 Gi3_27103689_x12.....Agucgugggaacacggggugccgaac..... 1
 G1a_5594791_x12.....cgugggaacacggggugccgUacu..... 1
 G1a_5596123_x12.....ugggaaacGcggggugccgaacu..... 1
 Gi3_27090801_x12.....aucggagacgucgugggaacacggAgu..... 1
 Gi3_27119025_x12.....cgucgugggaacacggggCgccga..... 1
 Gi2_10362022_x12.....agAccccgccaguacugcgauc..... 1
 G1a_5589691_x12.....gUgaacacggggugccgaa..... 1
 Gi2_10350574_x12.....Uccaguacugcgaucggagacgu..... 1
 Gi3_27111909_x12.....gucgugggCacacggggugccgaacu..... 1
 Gi2_10349206_x12.....cUucaggccccgccaguac..... 1
 Gi3_27099945_x12.....caggccUcgccaguacugc..... 1
 Gi3_27096597_x12.....Uucgugggaacacggggugccg..... 1
 Gi3_27125901_x12.....cgugggaacacggggugccA..... 1
 Gi2_10356010_x12.....gagacgucgugggaacacggggugccga..... 0
 Gi2_10362814_x12.....cgugggaacacggggugUcgaac..... 1
 Gi3_27114021_x12.....gGucggagacgucgugggaacacgggg..... 1
 Gi2_10364158_x12.....aUuacugcgaucggagacgucg..... 1
 Gi2_10366078_x12.....gugggaacacggggugUcga..... 1
 Gi3_27092625_x12.....cgucgugggaacacAgggugcc..... 1
 Gi2_10368946_x12.....gggaacacgggAugccgaacu..... 1
 G1i_3914990_x11.....cgucgugggaacacggggugccga..... 0
 Gi2_10369549_x11.....ggagacgucgugggaacacggUgugcc..... 1
 Gi5_8423225_x11.....Uccaguacugcgaucggagacguc..... 1
 Gi2_10385114_x11.....aAcggagacgucgugggaacacggggugcc..... 1
 Gi2_10385312_x11.....Ugagacgucgugggaacacggggugccg..... 1
 Gi3_27142369_x11.....Uaucggagacgucgugggaacacggggug..... 1
 Gi5_8427185_x11.....cgAgggaacacggggugccgaac..... 1
 Gi3_27186567_x11.....aucggagaUgucgugggaacacg..... 1
 G1i_3906883_x11.....aggccccgNcaguacugcgauc..... 1
 Gi3_27148595_x11.....acUucgugggaacacggggugccgaacu..... 1
 G1i_3911899_x11.....Ggacgucgugggaacacggggugccgaacu..... 1
 Gi2_10385708_x11.....aucggagacgucgugggaacacggggA..... 1
 Gi3_27176744_x11.....Ggaagcggcugacggccccgcc..... 1
 Gi3_27184609_x11.....Ugccccgccaguacugcgaucgga..... 1

Gi2_10382980_x11.....acgCcgugggaacacggggugccgaacu..... 1
Gi3_27144448_x11.....guNggaaacacggggugccgaac..... 1
Gi2_10388601_x11.....cgugggaacacggUgugccgaacu..... 1
Gi5_8429055_x11.....agaagcgccgucagggccccgccaguacugc..... 0
Gi3_27136176_x11.....Gucggagacgucguggga..... 1
Gi1_3909028_x11.....aAcggagacgucgugggaacacggg..... 1
Gi2_10379075_x11.....Cccccgccaguacugcgauc..... 1
Gi3_27165876_x11.....Gcugcgauccggagacguc..... 1
Gi2_10386126_x11.....gacgucgugggaacacggggGgccgaacu..... 1
G1a_5606609_x11.....cgugggaacacggggugccgaGcu..... 1
Gi3_27145592_x11.....ggaacacggggugccgaG..... 1
Gi1_3904727_x11.....ugggaacaUggggugccgaacu..... 1
Gi2_10374092_x11.....cgCcgugggaacacggggugc..... 1
Gi3_27181199_x11.....uGaggccccgccaguacugc..... 1
Gi5_8419518_x11.....ugggaacacggggugccgaacG..... 1
Gi2_10379306_x11.....gugggaacacggggugcU..... 1
Gi2_10397544_x11.....acgucgugNgaacacggggugc..... 1
Gi3_27134779_x11.....aUgccccgccaguacugcgaucggagacguc..... 1
G1a_5616938_x11.....ggUaacacggggugccgaacu..... 1
Gi5_8426107_x11.....aacacUggggugccgaacu..... 1
Gi2_10376017_x11.....ucgAgggaacacggggugccgaacu..... 1
Gi3_27179296_x11.....ucgugggaCcacggggugccgaac..... 1
Gi2_10380835_x11.....aCcgagacgucgugggaacacggggg..... 1
Gi3_27155459_x11.....aucggagacgucgugggaacGcggggugcc..... 1
Gi2_10390790_x11.....Ucgauccggagacgucgugggaacac..... 1
Gi3_27144393_x11.....gucGggccccgccaguacug..... 1
Gi3_27165854_x11.....gccccgccNguacugcgauc..... 1
Gi3_27156900_x11.....aucggagacgucgugggaacCcg..... 1
Gi3_27157043_x11.....Ugugggaacacggggugccgaa..... 1
Gi3_27165425_x11.....gGacugcgauccggagacgucgug..... 1
Gi5_8417758_x11.....gGcugcugugggaacacggggugccgaacu..... 1
Gi3_27152852_x11.....Ggucgugggaacacgggg..... 1
Gi5_8426459_x11.....Ucgccgucagggccccgccaguacug..... 1
Gi5_8410707_x11.....gugggaacacggUgugccgaac..... 1
Gi2_10383409_x11.....agagaagcgccgucagggccccgccaguacug..... 0
Gi2_10376226_x11.....cgucguAggaacacggggugccgaacu..... 1
Gi3_27159452_x11.....Ugagacgucgugggaacacggg..... 1
Gi2_10372035_x11.....cggagGcugcugugggaacacggggugcc..... 1
Gi3_27177888_x11.....gUagacgucgugggaacacggggugccgaacu..... 1
Gi1_3906630_x11.....gGcagggccccgccaguacugc..... 1
G1a_5604398_x11.....gugggaacacggggAgccgaacu..... 1
Gi3_27172696_x11.....aggccccgccaguacugcgCuc..... 1
Gi3_27164138_x11.....gcUccgccaguacugcgauc..... 1
Gi2_10379284_x11.....Gggccccgccaguacugcgauc..... 1
Gi2_10372992_x11.....cAugggaacacggggugccgaac..... 1
Gi2_10376127_x11.....aggccccgNcaguacugcgaucgga..... 1
Gi3_27185687_x11.....cggagacgucgugggaacGcggggugcc..... 1

Gi1a_5607544_x11.....cgugUgaacacggggugccgaacu..... 1
Gi1_3904551_x11.....gCguggggaacacggggugccgaacu..... 1
Gi3_27133162_x11.....cgucguggggaacGcggggugc..... 1
Gi3_27152181_x11.....aucggGgacgucguggggaacac..... 1
Gi3_27181969_x11.....cUaucgggagacgucguggggaacacgg..... 1
Gi3_27150410_x11.....cguggggaGcacggggugcc..... 1
Gi3_27176392_x11.....cgugCgaacacggggugccgaac..... 1
Gi2_10371144_x11.....cUaucgggagacgucgugggga..... 1
Gi3_27186600_x11.....aggccccgccagGacugc..... 1
Gi2_10386720_x11.....acgCcguggggaacacggggugcc..... 1
Gi2_10392473_x11.....cguggggaacacgggguCccgaacu..... 1
Gi2_10375918_x11.....ugggaacacggggugccGac..... 1
Gi1a_5602748_x11.....cgaucgggagacgucguggggaacacggggugc..... 0
Gi5_8421916_x11.....uUcgaucgggagacgucgugggga..... 1
Gi1_3906168_x11.....ucgugggGacacggggugccgaac..... 1
Gi3_27178625_x11.....Gggccccgccaguacugcgaucgga..... 1
Gi3_27161839_x11.....gGccccgccaguacugcgauc..... 1
Gi3_27174302_x11.....ggUgacgucguggggaacacg..... 1
Gi3_27176601_x11.....ucguggggaacacggggugcUgaac..... 1
Gi1_3908995_x11.....Ggggaacacggggugccgaacuu..... 1
Gi2_10379581_x11.....aggccccgUcaguacugcgauc..... 1
Gi2_10380010_x11.....cgucguggggaacGcggggugccg..... 1
Gi5_8415261_x11.....gggaacacggAgugccgaacu..... 1
Gi3_27134856_x11.....aucgggagGcgucguggggaacacggggugcc..... 1
Gi3_27160189_x11.....gGcgucaggccccgccaguac..... 1
Gi3_27134394_x11.....cguCggaacacggggugccgaacu..... 1
Gi1a_5611350_x11.....Gacacggggugccgaacu..... 1
Gi2_10394970_x11.....cUucguggggaacacggggugccgaa..... 1
Gi2_10383101_x11.....aucgggagGcgucguggggaacac..... 1
Gi3_27169022_x11.....ugggaacacggCgugccgaacu..... 1
Gi5_8420959_x11.....acUucguggggaacacggggugccgaacu..... 1
Gi3_27166184_x11.....aucgggagaUgucguggggaacacgggg..... 1
Gi3_27182871_x11.....ccccgccaguacugcgGuc..... 1
Gi2_10386830_x11.....aggccccgccaguaUugcgauc..... 1
Gi3_27185126_x11.....aucgggagCcgucguggggaacacggg..... 1
Gi5_8409860_x11.....cguggggaacacggggugccgaGc..... 1
Gi5_8420970_x11.....gaacUcggggugccgaacu..... 1
Gi2_10372816_x11.....aggccccgccagGacugcgauc..... 1
Gi3_27170892_x11.....Gcugcgaucgggagacgucgug..... 1
Gi4_516705_x11.....gCgggaaacacggggugccgaacu..... 1
Gi1a_5607071_x11.....Uaucgggagacgucgugggga..... 1
Gi2_10370407_x11.....aucgUgacgucguggggaacacg..... 1
Gi1a_5608699_x11.....gaucgggagacgucguggggaacacggggug..... 0
Gi3_27182244_x11.....acgucguggggaacacggggCgcc..... 1
Gi2_10392209_x11.....cgNgggaacacggggugccgaacu..... 1
Gi2_10369681_x11.....gCcguggggaacacggggugccgaac..... 1
Gi1_3911360_x11.....gucgugggNacacggggugccgaacu..... 1

Gi3_27180110_x11.....Agaacacggggugccgaa..... 1
Gi3_27152423_x11.....Ugagacgucguggaacaacggggugccgaa..... 1
Gi3_27164303_x11.....uggaacaacgUggugccgaacu..... 1
Gi2_10391197_x11.....gggaacaacggggugccGUacu..... 1
Gi3_27173796_x11.....Accccgccaguacugcgau..... 1
Gi2_10369846_x11.....aggccccgNcaguacugcgau..... 1
Gi2_10369252_x11.....ggagacgucguggaacaacAgggugc..... 1
Gi2_10386632_x11.....agUcgucguggaacaacggggugcc..... 1
Gi3_27151433_x11.....gggaacaacggggugccUaacu..... 1
Gi3_27138002_x11.....gggaaAacggggugccgaac..... 1
Gi3_27164149_x11.....Aggaacaacggggugccga..... 1
Gi2_10387501_x11.....gggaacaacggggugccgaaUu..... 1
Gi3_27184092_x11.....gucguggaacaacUgggugccgaacu..... 1
Gi3_27176194_x11.....ggaacaacgUggugccgaacu..... 1
Gi2_10384542_x11.....cggagacgucguggaacaacggggCgcc..... 1
Gi1_3905112_x11.....aacacgAgugccgaacu..... 1
Gi3_27164622_x11.....ucguggaacaacggggugccgaaUu..... 1
Gi3_27136165_x11.....acgucguggaacaacgAggugccgaacu..... 1
Gi2_10381770_x11.....gugggaacaacggggGgccga..... 1
Gi5_8413083_x11.....gugggaacaacgAggugccgaac..... 1
Gi3_27165513_x11.....cgugggaacaacgUggugc..... 1
Gi3_27182255_x11.....gugggaacaacggggAgccgaa..... 1
Gi3_27173587_x11.....cAucguggaacaacggggugcc..... 1
G1a_5616751_x11.....cgugggaacaacggggugccgaCcu..... 1
Gi3_27184136_x11.....uGggagacgucguggaacaacg..... 1
Gi3_27153215_x11.....acgucguggaacaacggggugccgaacu..... 1
G1a_5614804_x11.....Uaagagaagcgccgucag..... 1
Gi2_10377810_x11.....ucguggaacaacgggguAccgaacu..... 1
Gi3_27176458_x11.....aucggagacAucguggaacaacggggg..... 1
Gi2_10387039_x11.....gUagacgucguggaacaacggggug..... 1
Gi3_27142083_x11.....aucggagCcgucguggaacaacg..... 1
Gi5_8418187_x11.....gaacaAggggugccgaacu..... 1
Gi3_27178218_x11.....gugggUacacggggugccgaa..... 1
Gi2_10374290_x11.....ucguggaacaacCggggugccgaac..... 1
Gi3_27178328_x11.....gucguggaacaacgggguAccgaacu..... 1
G1a_5606928_x11.....gggaGcacggggugccgaacu..... 1
Gi3_27150190_x11.....Ggccgucaggccccgccaguacugc..... 1
Gi2_10390108_x11.....gGucggagacgucguggaacaacg..... 1
Gi3_27144459_x11.....gugggaUacacggggugccgaac..... 1
Gi2_10385389_x11.....gugggaCcacggggugcc..... 1
Gi3_27180385_x11.....caggccccgccagCacugcg..... 1
Gi2_10385224_x11.....uggaacaacggggugccgaaAu..... 1
Gi2_10390262_x11.....gagacgucguggaacaacggggCgc..... 1
Gi2_10381297_x11.....cGcgccaguacugcgauccggagac..... 1
Gi2_10377832_x11.....aacacggggugcAgaacu..... 1
Gi2_10386203_x11.....aUagaagcgccgucaggccccgc..... 1
Gi3_27177250_x11.....Gcguggaacaacggggugccgaa..... 1

Gi2_10397731_x11.....gugggaacacgCggugccgaacu..... 1
 G1a_5614023_x11.....Gucggagacgucgugggaacacggg..... 1
 Gi2_10395190_x11.....gAcgugggaacacggggugccgaacu..... 1
 Gi2_10374059_x11.....Ugacgucgugggaacacggggugcc..... 1
 Gi3_27135307_x11.....caggccccgccaguacugUgauc..... 1
 Gi2_10382166_x11.....ucgugggaacacgAggugccgaacu..... 1
 Gi3_27141566_x11.....guggAaacacggggugccgaa..... 1
 Gi5_8426800_x11.....cgucgugggaacacggggugccAaacu..... 1
 G1a_5607126_x11.....Ugagacgucgugggaacacggggugcc..... 1
 Gi1_3905959_x11.....ucguggggCacacggggugccgaacu..... 1
 Gi4_517717_x11.....gggaacacggggugccgaac..... 0
 Gi5_8421168_x11.....gaaNacggggugccgaacu..... 1
 Gi2_10390086_x11.....Aucgugggaacacggggugccgaac..... 1
 Gi5_8422378_x11.....gugggaacacggggugccgGac..... 1
 Gi5_8424853_x11.....Uagacgucgugggaacacg..... 1
 Gi5_8430606_x11.....acgCcgugggaacacggggugccgaacu..... 1
 Gi3_27176161_x11.....aucggagacgucgugggUacacggg..... 1
 Gi2_10380538_x11.....agUcgucgugggaacacggggugccgaacu..... 1
 Gi2_10386478_x11.....uUgugggaacacggggugccgaac..... 1
 Gi2_10384806_x11.....ggaacacggggUaccgaac..... 1
 Gi3_27178493_x11.....cgugggaacacggggCgccg..... 1
 Gi3_27165964_x11.....cccgccaguacugcgauccggagacgucgug..... 0
 Gi2_10389877_x11.....Cggccccgccaguacugcgaucc..... 1
 Gi3_27165990_x11.....Ucgucgugggaacacggggugccgaacu..... 1
 Gi3_27169638_x11.....aUacgucgugggaacacggg..... 1
 Gi2_10382364_x11.....cgugggaacacggggAgccgaac..... 1
 Gi2_10393243_x11.....gggaacacggggugccgGac..... 1
 Gi3_27175908_x11.....cgugggaacacggggCgccgaa..... 1
 Gi4_517574_x11.....Ggggaacacggggugccgaacu..... 1
 Gi1_3911404_x11.....Gcaggccccgccaguacugcg..... 1
 G1a_5615453_x11.....gugggaaUacggggugccgaacu..... 1
 Gi5_8429143_x11.....gggaacacggggCgccgaa..... 1
 Gi2_10377271_x11.....ccUgccaguacugcgauccgg..... 1
 Gi5_8420948_x11.....Uaucggagacgucgugggaacacggg..... 1
 Gi3_27176304_x11.....gacgucgugggaacacggggG..... 1
 Gi2_10392880_x11.....aucggagGcgucgugggaaca..... 1
 Gi5_8415525_x11.....ugggaacacggCgugccgaacu..... 1
 Gi2_10384058_x11.....agUgaagcgccgucaggcccc..... 1
 Gi3_27181837_x11.....aucggagaNgucgugggaacacggggugc..... 1
 Gi2_10379548_x11.....Uuacugcgauccggagacgu..... 1
 Gi1_3908148_x11.....Uacgucgugggaacacggggugcc..... 1
 Gi2_10393111_x11.....aucggagacgucCgggaacacggggg..... 1
 Gi1_3912856_x11.....ugggaacacgAggugccgaacu..... 1
 Gi5_8421674_x11.....gucAugggaacacggggugccgaacu..... 1
 Gi3_27173422_x11.....caggccccgccGguacugcga..... 1
 Gi1_3914055_x11.....agacgucgCgggaacacggggugccgaac..... 1
 Gi3_27137452_x11.....aucggagacgucgugggaaUacggg..... 1

Gi2_10377425_x11.....cgugggaaNacggggugccgaa..... 1
Gi2_10378360_x11.....aucggagacgucgugggGacacggg..... 1
Gi2_10390438_x11.....gucgGgggaacacggggugccgaacu..... 1
Gi2_10376325_x11.....cgaucggagacgucgAgggaaac..... 1
Gi3_27141478_x11.....aggccccgccaguacugcgG..... 1
Gi3_27170419_x11.....gGagagaagcgccgucaggccc..... 1
Gi2_10379108_x11.....aGcggagacgucgugggaaac..... 1
Gi2_10382529_x11.....gucgugggaaacacggggGgccgaac..... 1
Gi3_27175314_x11.....gugggaaAacggggugccga..... 1
Gi2_10397522_x11.....caggccccgccagCacugcgau..... 1
Gi2_10385862_x11.....gggaCcacggggugccgaacu..... 1
Gi3_27149024_x11.....gGccccgccaguacugcgau..... 1
Gi2_10381220_x11.....gugggaaUacggggugcc..... 1
Gi3_27168340_x11.....Ugccccgccaguacugcgaucg..... 1
Gi2_10393419_x11.....Cacacggggugccgaacu..... 1
Gi2_10376380_x11.....cgCgugggaaacacggggugccga..... 1
Gi3_27148815_x11.....aGgucgugggaaacacggggugcc..... 1
Gi3_27147561_x11.....gucgGgggaacacggggugccgaacu..... 1
Gi1_3913857_x11.....ucgugggaaacacggggugcUgaacu..... 1
Gi5_8411290_x11.....gugggaaacacggggugccgCac..... 1
Gi2_10374851_x11.....gugggaaacacggggugccg..... 1
Gi3_27170716_x11.....aUgccccgccaguacugcgaucggaga..... 1
Gi5_8411301_x11.....cgucgugggaaacacggAgugccgaacu..... 1
Gi3_27172542_x11.....Uaagagaagcgccgucaggccccg..... 1
Gi2_10387094_x11.....cUucgugggaaacacgggg..... 1
Gi2_10392440_x11.....aucggagacgucgugggCacacggggugc..... 1
Gi2_10385422_x11.....Gggagacgucgugggaaacacggggugc..... 1
Gi5_8410091_x11.....Uacgucgugggaaacacggggugccg..... 1
Gi3_27158462_x11.....gucgAgggaaacacggggugccgaacu..... 1
Gi5_8430991_x11.....ucgugggaaacacggAgugccgaacu..... 1
Gi3_27162334_x11.....cgucgugAgaacacggggugccgaacu..... 1
G1a_5601307_x11.....aggccccgNcaguacugcg..... 1
Gi2_10391967_x11.....cgugggaaacacUgggugccgaacu..... 1
Gi3_27135175_x11.....ugAgaacacggggugccgaa..... 1
Gi5_8412269_x11.....gugggaaacacggCgugccgaacu..... 1
G1a_5601219_x11.....ugggaaacacggggugccgaGcu..... 1
Gi3_27167592_x11.....aggccccgccaguaAugcgau..... 1
Gi5_8412181_x11.....ggaacacggggAgccgaacu..... 1
Gi5_8414689_x11.....ggaacacggggugccgaUcu..... 1
Gi2_10375984_x11.....gugggCacacggggugccgaac..... 1
Gi3_27174082_x11.....aCgccccgccaguacugcga..... 1
Gi5_8430309_x11.....ggaacacggggugccgaaUu..... 1
Gi2_10396213_x11.....gucaggccNcgccaguacugc..... 1
Gi2_10395905_x11.....cgugggaaacacgUggugcc..... 1
Gi5_8413512_x11.....gugggaaacacggggugccCaacu..... 1
Gi2_10370924_x11.....gaucggagacgucgugggGacacggg..... 1
Gi3_27168593_x11.....gUagacgucgugggaaacacggggugccgaac..... 1

Gi3_27168285_x11.....gggaacCcggggugccgaac..... 1
Gi3_27140367_x11.....cCucguggaacacggggugcc..... 1
Gi2_10376908_x11.....aucggagacgucgugggaacGc..... 1
Gi3_27138882_x11.....cgucgugggaacCcggggugccga..... 1
Gi2_10373311_x11.....gaucggagacgucgugggGacacggggu..... 1
Gi3_27136484_x11.....acugcgaucggagGcgucgug..... 1
Gi5_8430694_x11.....ggaacCcggggugccgaacu..... 1
Gi3_27236192_x10.....gGcgucaggccccgccaguacugcg..... 1
Gi4_519349_x10.....Gguggaacacggggugccgaacu..... 1
Gi1a_5630147_x10.....aGcacggggugccgaacu..... 1
Gi3_27223552_x10.....cCugggaacacggggugc..... 1
Gi3_27240942_x10.....gggaacacggggugAcgaac..... 1
Gi5_8437056_x10.....cgugggaGcacggggugccgaac..... 1
Gi5_8450856_x10.....gCaacacggggugccgaac..... 1
Gi2_10416622_x10.....gggagacgucgugggaacacggggugccgaac..... 0
Gi3_27200492_x10.....uggUaacacggggugccgaacu..... 1
Gi1_3916694_x10.....Uaucggagacgucgugggaacacgg..... 1
Gi3_27214252_x10.....gugggaacUcggggugcc..... 1
Gi5_8436366_x10.....guggAaacacggggugccgaac..... 1
Gi5_8438476_x10.....cgucguAggaacacggggugccgaacu..... 1
Gi3_27209802_x10.....gcUgucaggccccgccaguac..... 1
Gi2_10426432_x10.....Uucaggccccgccaguacugcg..... 1
Gi2_10413712_x10.....ugcgaucggagacgucgugggaacacggggu..... 0
Gi3_27235102_x10.....aucggagacgucgugAgaacacggggu..... 1
Gi2_10403292_x10.....uGaggccccgccaguacugc..... 1
Gi5_8441186_x10.....Uucguggaacacggggugccgaa..... 1
Gi2_10416012_x10.....agAccccgccaguacugc..... 1
Gi3_27217012_x10.....Uaggccccgccaguacugc..... 1
Gi3_27211362_x10.....ugAgaacacggggugccga..... 1
Gi1_3927084_x10.....ucggagacgucguggaacacggggugccgaacu..... 0
Gi2_10407982_x10.....cgucgugggaacacggggCgcc..... 1
Gi3_27243092_x10.....aguaucgcgaucggagacgucguggaacacgg..... 0
Gi2_10405692_x10.....Ugccccgccaguacugcg..... 1
Gi3_27225142_x10.....aucggagacgucguggGacac..... 1
Gi3_27192382_x10.....ucguggaacacAgggugccgaac..... 1
Gi2_10406942_x10.....cggagacgucgugggaCcacggggugcc..... 1
Gi2_10398782_x10.....Ggucguggaacacggggugc..... 1
Gi3_27220322_x10.....gaucggagacgucgugggaGcacg..... 1
Gi3_27204982_x10.....cgugggaUcacggggugccgaac..... 1
Gi2_10403922_x10.....aucggagacgucgugggaacG..... 1
Gi3_27230512_x10.....gggaGcacggggugccgaa..... 1
Gi3_27226482_x10.....ggaacacggggGgccgaa..... 1
Gi1_3927044_x10.....aUcgccgucaggccccgccaguacugc..... 1
Gi5_8449506_x10.....ugggaacaAggggugccgaacu..... 1
Gi3_27205492_x10.....cguuccgaaauaggaagagaagcgccguc..... 0
Gi2_10427992_x10.....cgucUuggaacacggggugccg..... 1
Gi3_27210422_x10.....Uccaguacugcgaucggagacgucgu..... 1

Gi5_8437276_x10.....gggaGcacggggugccgaac..... 1
Gi5_8450406_x10.....gugggaacacggggugccAaac..... 1
Gi2_10405782_x10.....aucggagacgucgugggaGcacg..... 1
Gi2_10413112_x10.....cguAggaacacggggugccgaac..... 1
Gi2_10409832_x10.....aucggagacgCcgugggaacacggggugcc..... 1
Gi2_10418422_x10.....cGcgccaguacugcgaucgg..... 1
Gi2_10424272_x10.....cgCgggaacacggggugccgaa..... 1
Gi3_27220492_x10.....Ugagacgucgugggaacacggggugccga..... 1
Gi2_10402092_x10.....ucgugggaacacAgggugccgaac..... 1
Gi3_27229262_x10.....cgucaggcNccgccaguacugc..... 1
Gi3_27227032_x10.....aucAgagacgucgugggaacacgg..... 1
Gi3_27192632_x10.....gcUgucaggccccgccaguacugc..... 1
G1a_5628897_x10.....cUccgucaggccccgccaguacugc..... 1
Gi3_27220392_x10.....uGggagacgucgugggaacacggggugcc..... 1
Gi3_27208182_x10.....gggaacacgUggugccgaacu..... 1
Gi4_520529_x10.....ggaacacggggugccgaac..... 0
Gi5_8444216_x10.....ggaacacggAgugccgaacu..... 1
Gi3_27187772_x10.....aucggagaNgucguggga..... 1
Gi3_27216052_x10.....gaNcacggggugccgaacu..... 1
Gi2_10414102_x10.....ggaacacggAgugccgaac..... 1
Gi3_27189142_x10.....uGgugggaacacggggugccg..... 1
Gi3_27233262_x10.....aucggagacgucgugggaCcacggggugcc..... 1
G1a_5624977_x10.....Uccaguacugcgaucgga..... 1
G1a_5628187_x10.....ugggGacacggggugccgaacu..... 1
Gi1_3921984_x10.....ggaacacggggugccAaacu..... 1
Gi3_27200042_x10.....aucggagacgucguggAaacacggg..... 1
Gi3_27206612_x10.....ggaacacgUggugccgaac..... 1
Gi2_10423372_x10.....gugggaacUcggggugccgaac..... 1
Gi2_10400442_x10.....Cucgugggaacacggggugcc..... 1
Gi2_10420632_x10.....gucgugggaacacggAgugccgaacu..... 1
Gi5_8444776_x10.....caggccccgccaguacugcgaucggagacgu..... 0
Gi3_27215002_x10.....Cggccccgccaguacugc..... 1
Gi3_27197312_x10.....gUcguacaggccccgccaguacugc..... 1
Gi5_8443816_x10.....ggaacaAggggugccgaacu..... 1
Gi3_27233172_x10.....gacgucgugggaacacggggugccgCac..... 1
Gi2_10405582_x10.....gucgugggaacGcggggugccgaac..... 1
Gi2_10407872_x10.....cUgagacgucgugggaacacggggug..... 1
Gi3_27199492_x10.....cgucgugggaCcacggggugcc..... 1
Gi5_8435556_x10.....Ggcgaucggagacgucguggga..... 1
Gi3_27235862_x10.....ggaacacggUgugccgaac..... 1
Gi3_27225372_x10.....aggccccgccagCacugcg..... 1
Gi3_27215952_x10.....cgucgugggaacacggggGgccga..... 1
Gi1_3924384_x10.....gaaacacggggugcAgaacu..... 1
Gi2_10426542_x10.....ucgugggaacacggggugccgaUc..... 1
Gi1_3921164_x10.....cgugggaacacggggugccgUacu..... 1
Gi5_8443746_x10.....cgugggaaNacggggugccga..... 1
Gi1_3927864_x10.....aacacggggugcUgaacu..... 1

Gi5_8443976_x10.....Gucggagacgucgugggaacacgg..... 1
Gi2_10425852_x10.....cgugggaaNacggggugccg..... 1
Gi2_10406702_x10.....aagagaagcgccgCcaggccc..... 1
G1a_5633367_x10.....cgugggaacacAgggugccgaacu..... 1
Gi2_10419912_x10.....aucggagGcgucgugggaacacggggugcc..... 1
Gi5_8449426_x10.....ugggaacacggUgugccgaacu..... 1
Gi2_10399012_x10.....cguUgugggaacacggggugccgaacu..... 1
Gi2_10426672_x10.....cUccaguacugcgauccggagacg..... 1
Gi5_8437666_x10.....gAgaacacggggugccgaac..... 1
Gi1_3924304_x10.....acgucgugggaacacggggGgccgaacu..... 1
Gi3_27214102_x10.....Gccgccaguacugcgauccg..... 1
Gi3_27222202_x10.....gugggaacacggggugcc..... 1
Gi3_27208562_x10.....gGcgugggaacacggggugccgaa..... 1
Gi2_10418412_x10.....ggaaGacggggugccgaac..... 1
Gi2_10419492_x10.....ggGgacgucgugggaacacggggugccgaacu..... 1
Gi2_10417822_x10.....aucggagacgucgugggaacacAggugc..... 1
G1a_5622757_x10.....gaucggagacgucgugggaacacgggg..... 0
Gi3_27193052_x10.....gUgagacgucgugggaacacggg..... 1
Gi2_10398532_x10.....agUccccgccaguacugcga..... 1
Gi2_10405372_x10.....aucggagacgucgugggaacacggggAgc..... 1
Gi1_3919164_x10.....cgucgugggaacCcggggugccgaacu..... 1
Gi3_27229062_x10.....cgugggaacacggggugccAa..... 1
Gi2_10413772_x10.....aAgccccgccaguacugcga..... 1
Gi3_27190562_x10.....gugggaacacggggugGcga..... 1
Gi3_27241052_x10.....Ggaagcgccgucaggccc..... 1
Gi1_3923864_x10.....ggaacacggggugcUgaacu..... 1
Gi3_27211332_x10.....ugggaacUcggggugccgaac..... 1
Gi3_27216132_x10.....cgucgugggaacacggggAgcc..... 1
Gi2_10423722_x10.....Ugagcugcugggaacacggggugccgaacu..... 1
Gi3_27204542_x10.....cUaucggagacgucgugggaacacggg..... 1
Gi5_8448076_x10.....agccccgccaguacugcgauccggagacguc..... 0
Gi3_27214452_x10.....cgugggaacacggggugccgaC..... 1
Gi1_3917144_x10.....cgugggaacacggggugcAgaacu..... 1
Gi5_8432796_x10.....gaucggagacgucgugggaacacggggugcc..... 0
Gi5_8432136_x10.....Cgaacacggggugccgaac..... 1
Gi3_27192662_x10.....aucggagacguUgugggaacacgggg..... 1
Gi3_27195202_x10.....Acgugggaacacggggugccgaac..... 1
Gi2_10398432_x10.....ucgugggaacacggAgugccgaacu..... 1
Gi3_27216402_x10.....gUucggagacgucgugggaacacgggg..... 1
Gi2_10401962_x10.....cgAagacgucgugggaacacggggugc..... 1
Gi3_27188982_x10.....cUggccccgccaguacugcga..... 1
Gi3_27218592_x10.....ugggaacacgggUugccga..... 1
G1a_5620767_x10.....ggaacacAgggugccgaacu..... 1
Gi3_27229732_x10.....Ugagacgucgugggaacacgg..... 1
Gi1_3927204_x10.....cgugggaacacggggAgccgaacu..... 1
Gi3_27214852_x10.....cgCcaggccccgccaguacugc..... 1
Gi2_10421472_x10.....ugggaacacggggugccgC..... 1

Gi1_3923884_x10.....Gggccccccagucugcgau..... 1
Gi3_27224622_x10.....cgucgugggaaacacggggugccgaUc..... 1
Gi3_27237262_x10.....Uccccgccagucugcgau..... 1
Gi3_27228592_x10.....aggccccccagucugcgau..... 0
Gi3_27217742_x10.....aucggagacgucgugggaaAacg..... 1
Gi2_10408812_x10.....Uggagacgucgugggaaacacggggugcc..... 1
Gi3_27198422_x10.....cUgagacgucgugggaaacacggggugc..... 1
Gi2_10408942_x10.....Aacgucgugggaaacacggggugcc..... 1
Gi3_27222332_x10.....aggccccccagCacugc..... 1
Gi3_27230122_x10.....guacAgcgau..... 1
Gi1_3920144_x10.....aggccccAccaguc..... 1
Gi3_27208172_x10.....aggccccAccaguc..... 1
Gi2_10415442_x10.....ucggagacgucgugggaaacacggggugccgaacu..... 0
Gi3_27221502_x10.....Gggagacgucgugggaaacacggggg..... 1
Gi2_10402402_x10.....gucgugggaaacacggggAgccgaacu..... 1
Gi3_27201952_x10.....gugggaacaUggggugccg..... 1
Gi3_27199122_x10.....cgucguggNaacacggggugccga..... 1
Gi2_10414902_x10.....gGagcgccgucaggccccgc..... 1
Gi3_27233682_x10.....ugggaacacggggugccgGa..... 1
Gi3_27217892_x10.....cgAgggaacacggggugccgaa..... 1
Gi2_10425742_x10.....aUacgucgugggaaacacggggugccg..... 1
Gi2_10421362_x10.....aCcgagacgucgugggaaacacggggugc..... 1
G1a_5633237_x10.....cUgagacgucgugggaaacacggggg..... 1
Gi2_10414272_x10.....gggaacaAggggugccgaacu..... 1
Gi5_8432876_x10.....ggaacacggggugccgaCcu..... 1
Gi2_10416472_x10.....gggUacacggggugccgaacu..... 1
Gi3_27200462_x10.....ucgugggUacacggggugccgaacu..... 1
Gi3_27225582_x10.....aucggagacgucgugggaaacacAg..... 1
Gi3_27241342_x10.....gacgucgugggaaacacggggugccgaGcu..... 1
G1a_5634077_x10.....gaagcgccgucaggccccccagucugc..... 0
Gi3_27231222_x10.....uggCaacacggggugccgaacu..... 1
Gi3_27238342_x10.....gaCcgagacgucgugggaaacacggggg..... 1
Gi2_10403112_x10.....gacgucgugggGcacggggugccgaacu..... 1
Gi3_27238252_x10.....cgCcgugggaaacacggggugccg..... 1
Gi2_10403842_x10.....gugggaacaUggggugcc..... 1
Gi2_10404192_x10.....aucggagacgucguAggaacac..... 1
Gi3_27206892_x10.....cgucgugggaaUacggggugccgaacu..... 1
Gi2_10408962_x10.....ucguggaacGcggggugccgaac..... 1
Gi2_10412572_x10.....ugggaacacggggugccgaacG..... 1
Gi3_27232382_x10.....ccgaauuaNgaagagaagc..... 1
Gi5_8435916_x10.....Gucggagacgucgugggaaacacg..... 1
Gi2_10420582_x10.....gUucggagacgucgugggaaacacggggg..... 1
Gi3_27205172_x10.....aucggaAacgucgugggaaacacggggg..... 1
Gi2_10422112_x10.....gGacacggggugccgaac..... 1
Gi2_10406792_x10.....aGgagaagcgccgucaggccc..... 1
Gi3_27242532_x10.....gucgugggaaacacggggugcUgaac..... 1
Gi3_27209482_x10.....ggagacguNgugggaacacggggugcc..... 1

Gi2_10404452_x10.....cgGgggaacacggggugccgaa..... 1
Gi5_8446366_x10.....uAggaacacggggugccgaac..... 1
Gi3_27236482_x10.....cgucguggNaacacggggugc..... 1
Gi3_27190862_x10.....gugggaacacggggugccgU..... 1
Gi2_10422472_x10.....aggccccgccaguacugcAauc..... 1
Gi5_8436056_x10.....ugggaacacggggugcUgaac..... 1
Gi1_3921234_x10.....cgugggaacacgggguAccgaacu..... 1
Gi3_27234332_x10.....cgucgugggaGcacggggugccg..... 1
Gi3_27201972_x10.....cggagacgucgugggaacacggggGgcc..... 1
Gi5_8444506_x10.....ugggaGcacggggugccgaac..... 1
Gi3_27203892_x10.....cGguacugcgauccggagacguc..... 1
Gi2_10427762_x10.....cgGgggaacacggggugccg..... 1
Gi2_10410662_x10.....cggagacgucgugggaacGcggggugcc..... 1
Gi2_10417052_x10.....aggccccgccaguacugUgauc..... 1
Gi2_10421282_x10.....gCgggaacacggggugccgaa..... 1
Gi2_10428592_x10.....gugggaacacggggugccgaC..... 1
Gi2_10422302_x10.....cgugggGacacggggugccgaa..... 1
Gi1_3918424_x10.....ucgGgggaacacggggugccgaacu..... 1
G1a_5625677_x10.....gGcaggccccgccaguacu..... 1
Gi2_10399922_x10.....aucggagacgucgugggGacacggggugcc..... 1
Gi2_10417402_x10.....gucgugggNacacggggugcc..... 1
Gi2_10427352_x10.....ggaacacggggugccgaaA..... 1
Gi1_3919754_x10.....ggaacaUggggugccgaacu..... 1
Gi5_8450186_x10.....aUagaagcgccgucagggccccg..... 1
Gi2_10409722_x10.....Accccgccaguacugcgauccg..... 1
Gi2_10408722_x10.....aucggagacgucgugggaacGcg..... 1
Gi3_27199842_x10.....gucgugggaacacggggGgc..... 1
Gi2_10418932_x10.....auUggagacgucgugggaacacggg..... 1
Gi2_10398832_x10.....gcUccgccaguacugcgaucc..... 1
Gi3_27207082_x10.....gugggaacacggggAgccga..... 1
Gi3_27207532_x10.....cgGcugggaacacggggugccg..... 1
Gi5_8446136_x10.....uggNaacacggggugccgaacu..... 1
Gi3_27222472_x10.....cGccgccaguacugcgauccgga..... 1
Gi2_10416082_x10.....gaagagaagcgccgucagggccccccagua..... 0
Gi2_10427802_x10.....gccccgccaguacugcgGuc..... 1
Gi1_3926704_x10.....gaaUacggggugccgaacu..... 1
Gi2_10410932_x10.....gugggaacacgAggugcc..... 1
Gi3_27238822_x10.....uGcugcgauccggagacguc..... 1
Gi3_27189552_x10.....cgccaguacugcgauccggCgacguc..... 1
Gi3_27237382_x10.....gugggaacacggggugAcg..... 1
Gi2_10399542_x10.....ucgugggaacacUgggugccgaacu..... 1
Gi2_10408862_x10.....aggccccgccaguacCgcg..... 1
Gi2_10419312_x10.....caggccccNccaguacugc..... 1
Gi3_27232262_x10.....gccccgccaguacugcAauc..... 1
Gi3_27203522_x10.....cgucgugggGacacggggugc..... 1
Gi2_10421422_x10.....ggaacacgggAugccgaacu..... 1
Gi5_8435956_x10.....ggaacaUggggugccgaacu..... 1

Gi5_8451836_x10.....gaacacggggugAcgaacu..... 1
Gi3_27200352_x10.....gaucggagacgucgugggaaacCcggggu..... 1
Gi3_27202302_x10.....cUgagacgucgugggaaacacgg..... 1
Gi3_27203862_x10.....aucggagacgucguggAaacacgggggu..... 1
Gi2_10397872_x10.....aacacggggugUcgaacu..... 1
Gi2_10404752_x10.....gucgugggaaacacggggugccAaacu..... 1
Gi3_27234592_x10.....aucgUagacgucgugggaaacacgg..... 1
G1a_5630467_x10.....gUagacgucgugggaaacacggggugcc..... 1
Gi2_10407992_x10.....aucggagacgCcgugggaaac..... 1
G1a_5628517_x10.....gGcgugggaaacacggggugccgaacu..... 1
Gi2_10399102_x10.....cgCcgugggaaacacggggugccg..... 1
Gi3_27222082_x10.....aGcacggggugccgaacu..... 1
Gi3_27206182_x10.....aucUgagacgucgugggaaacacg..... 1
Gi3_27207892_x10.....gUagacgucgugggaaacacgg..... 1
Gi1_3928114_x10.....cgugggaaacacggggugUcgaacu..... 1
Gi3_27217912_x10.....cgucgugggaaacacggggugcAgaacu..... 1
Gi2_10423152_x10.....auUggagacgucgugggaaacacggggugcc..... 1
Gi2_10407392_x10.....ggagacgucgugggaaacacggggugcc..... 1
Gi5_8433976_x10.....cgucgugggaaacacggggugccgaaAu..... 1
Gi2_10403822_x10.....ggaacacggggugccgaaAu..... 1
Gi3_27205182_x10.....cgCgggaaacacggggugccg..... 1
Gi2_10400452_x10.....cgCgggaaacacggggugccg..... 1
Gi3_27197342_x10.....aucggagacgucgugggaaacacAggggu..... 1
Gi3_27239332_x10.....Uggccccgccaguacugcga..... 1
Gi1_3917364_x10.....ucgugggaaacacggAgugccgaacu..... 1
Gi3_27209062_x10.....cggagacgucgugggaaacacggggC..... 1
Gi3_27229972_x10.....gacgucgugggGaacacggggugccgaacu..... 1
Gi2_10415602_x10.....Gcgucgugggaaacacggggugccgaac..... 1
Gi3_27212712_x10.....gaucggagGcgucgugggaaacacgggg..... 1
Gi3_27214082_x10.....aucggagacgCcgugggaaacacggggugcc..... 1
Gi5_8436716_x10.....Cgggaaacacggggugccgaac..... 1
Gi3_27216792_x10.....gggaaacacggggCgccgaa..... 1
Gi3_27224642_x10.....cgugggaaacacggUgugccgaac..... 1
Gi2_10408712_x10.....cCucgugggaaacacggggugccg..... 1
Gi4_519379_x10.....gaucggagacgucgugggaaacacggg..... 0
Gi5_8433016_x10.....gugggaaacacgggCugccgaacu..... 1
Gi2_10426772_x10.....cggagacgucgugggGaacacggggugcc..... 1
Gi2_10423612_x10.....cgugggaaacacggggugccgaC..... 1
Gi2_10409392_x10.....aggcccAgccaguacugcgauc..... 1
Gi3_27240912_x10.....ucaggcccNgccaguacugcg..... 1
Gi1_3926034_x10.....gaacacggggugccgUacu..... 1
Gi3_27237422_x10.....aucAgagacgucgugggaaacacgggg..... 1
Gi5_8431476_x10.....gggaaUacggggugccgaacu..... 1
Gi2_10406832_x10.....gugggaaacUggggugccg..... 1
G1a_5630977_x10.....Gcugcgaucggagacgucgug..... 1
Gi3_27244252_x10.....caggccccgccaguGcugc..... 1
Gi3_27198852_x10.....gugggaaacacggggugccgaC..... 1

Gi2_10398542_x10.....Gcccgccaguacugcgauccg..... 1
 Gi3_27194412_x10.....ccccgccaguacugcgauccgagacgucgug..... 0
 Gi1_3919724_x10.....cgugAgaacacggggugccgaacu..... 1
 Gi5_8432666_x10.....cgugggaacaAggggugccgaacu..... 1
 Gi3_27212822_x10.....aggccccgccCguacugcgau..... 1
 Gi5_8449806_x10.....ggUaacacggggugccgaac..... 1
 Gi3_27192932_x10.....cAugggaacacggggugc..... 1
 Gi3_27223012_x10.....cUaucggagacgucgugg..... 1
 Gi1_3923914_x10.....cguggAaacacggggugccgaacu..... 1
 Gi3_27225702_x10.....ugggaacaCggAgugccgaa..... 1
 Gi3_27187952_x10.....aggcccUgccaguacugcg.....ugggaacaGggggugccgaacu..... 1
 Gi3_27204062_x10.....aggcccUgccaguacugcg..... 1
 Gi2_10414842_x10.....caggccccgccaguacugcgCuc..... 1
 Gi3_27195112_x10.....gggaacaCggggugccgaC..... 1
 Gi3_27197542_x10.....aggcccUgccaguacugc..... 1
 Gi2_10420422_x10.....gucgugggaacaCggggugccgaCc..... 1
 Gi3_27239432_x10.....cgCcaggccccgccaguacugcg..... 1
 Gi5_8448056_x10.....gucgugggaacacAgggugccgaacu..... 1
 Gi2_10457994_x9.....acgucgugggaacacCggAgugccgaacu..... 1
 Gi3_27260326_x9.....ucgugggaUcacggggugccgaacu..... 1
 Gi2_10453899_x9.....cggagacgucgugggaacCcggggugc..... 1
 Gi5_8463639_x9.....ggaacacgggAugccgaacu..... 1
 Gi5_8459526_x9.....uUcgauccggagacgucguggg..... 1
 Gi3_27304624_x9.....ugggaacacggggugGcgaacu..... 1
 Gi2_10454394_x9.....gGcgugggaacacggggugccg..... 1
 Gi1a_5637838_x9.....Ggucaggccccgccaguacugcg..... 1
 Gi2_10461189_x9.....Ugugggaacacggggugc..... 1
 Gi3_27246115_x9.....aucggagacgucgugggaacacggggCgc..... 1
 Gi3_27247816_x9.....acgucgugggaacacggggugccgaaUu..... 1
 Gi2_10446519_x9.....gacgucgugggaacacggggugccgaa..... 0
 Gi3_27252163_x9.....cgucgugggaaUacggggugccgaac..... 1
 Gi3_27246250_x9.....gggaacacggggugccgaUcu..... 1
 Gi2_10456950_x9.....Ucccgccaguacugcgaucc..... 1
 Gi2_10449354_x9.....aUgucgugggaacacggggugccgaacu..... 1
 Gi3_27291511_x9.....ucggagacgucgugggaacacggggugccgaac..... 0
 Gi2_10432209_x9.....cgucgCgggaacacggggugccgaacu..... 1
 Gi5_8475861_x9.....gaacCcggggugccgaacu..... 1
 Gi3_27303067_x9.....cgucUugggaacacggggugc..... 1
 Gi3_27272953_x9.....cgugggaacaGggggugccgaacu..... 1
 Gi3_27249121_x9.....ucgugggaacacCggAgugccgaa..... 1
 Gi3_27303958_x9.....ugggaacaCAgggugccgaa..... 1
 Gi2_10441893_x9.....Gucggagacgucgugggaac..... 1
 Gi2_10458579_x9.....ggaUcacggggugccgaacu..... 1
 Gi3_27280567_x9.....cgccGguacugcgauccggagacguc..... 1
 Gi3_27250408_x9.....gGagagaagcgcgucaggcc..... 1
 Gi2_10438923_x9.....ugggCacacggggugccgaacu..... 1
 Gi5_8473755_x9.....caggccccgccGguacugcgaucc..... 1

Gi5_8476464_x9.....cgugggaacacgCggugccgaacu..... 1
 Gi2_10449084_x9.....gaucggagacgucgugggaacacggggG..... 1
 Gi2_10437186_x9.....gGgacgucgugggaacacggggugccgaacu..... 1
 Gi2_10457220_x9.....gugggaaGacggggugccgaacu..... 1
 G1a_5638648_x9.....gaacacgNgugccgaacu..... 1
 Gi2_10436727_x9.....acgucgugggaacacggggGcgcgaac..... 1
 Gi3_27262342_x9.....caggcccUgccaguacugcgauc..... 1
 Gi1_3929014_x9.....aacacggggugccgaaUu..... 1
 Gi2_10454430_x9.....gaacacggggugccgaacG..... 1
 Gi2_10439463_x9.....cAugggaacacggggugcc..... 1
 Gi2_10455420_x9.....gucgugggaacacggggugccgaaAu..... 1
 Gi2_10433361_x9.....cgugggaacacggggGgcc..... 1
 Gi2_10437006_x9.....agccccgccagCacugc..... 1
 Gi1_3933478_x9.....agccccgccaguacugcgaucU..... 1
 Gi3_27246862_x9.....acgucgugggaacGcggggugccgaac..... 1
 Gi3_27298702_x9.....aucggaAacgucgugggaacacggg..... 1
 Gi2_10459425_x9.....gugAgaacacggggugccg..... 1
 Gi2_10451847_x9.....Gguacugcgaucggagacguc..... 1
 Gi5_8456376_x9.....cguNggaacacggggugccgaacu..... 1
 Gi5_8461506_x9.....ucgugggaacacggggugcAgaacu..... 1
 Gi3_27297208_x9.....cgccaguaNugcgaucggagacguc..... 1
 Gi3_27245854_x9.....ucaggccccgccGguacugcgauc..... 1
 Gi2_10452612_x9.....gucaggccccgccCguacugc..... 1
 Gi3_27283294_x9.....aGugcgaucggagacguc..... 1
 Gi1_3935872_x9.....cgucgugggaacGcggggugccgaacu..... 1
 Gi3_27305074_x9.....gaucggagacgucgugggaacaAggggu..... 1
 Gi3_27295102_x9.....cgggagacgucgugggaacacggggugccgaacA..... 1
 Gi2_10432254_x9.....cgugggaacacggggUccgaacu..... 1
 Gi3_27292978_x9.....gugggaaUacggggugccg..... 1
 Gi1_3929392_x9.....gugggaacacggggAgccgaacu..... 1
 Gi2_10433415_x9.....ggaacaAggggugccgaacu..... 1
 Gi5_8461488_x9.....ucggagacgucgugggaacacggggugccgaac..... 0
 Gi3_27299719_x9.....Uaagagaagcggcugcagggccccgccagu..... 1
 Gi3_27255727_x9.....gaucggagacgucgugggCacac..... 1
 Gi3_27248320_x9.....gggagacgucgugggaacaUggggugccg..... 1
 Gi3_27280909_x9.....gucgugggaacacggggGgcc..... 1
 Gi2_10454997_x9.....gucguggAaacacggggugccgaacu..... 1
 Gi2_10436304_x9.....caggccccgccaguacugcGuc..... 1
 Gi3_27304678_x9.....Ugccccgccaguacugcgaucgg..... 1
 Gi3_27255268_x9.....ggaacacggggugccgaaA..... 1
 Gi3_27258661_x9.....cgucaggccccgccagCacugc..... 1
 Gi1_3940453_x9.....ucgugggaaUacggggugccgaacu..... 1
 Gi1_3940669_x9.....gacgucgugggGacacggggugccgaacu..... 1
 Gi3_27302428_x9.....ugggaacacggggugccUaac..... 1
 Gi5_8473818_x9.....Augggaacacggggugcc..... 1
 Gi3_27248617_x9.....agccccgccaguacugcA..... 1
 Gi5_8464449_x9.....gggaacacggggugccgaUc..... 1

Gi2_10450785_x9.....cagggccccccagacuugcgauA..... 1
 Gi5_8467140_x9.....gucgugggaaacacggggugccgGacu..... 1
 Gi1_3932947_x9.....ugggaacacggggugccgaU..... 1
 Gi3_27273547_x9.....gaucggagGcgucugggaaacacggg..... 1
 Gi3_27301339_x9.....aucggagacAucgugggaaacacg..... 1
 Gi5_8473260_x9.....aUgccccgccagacuugc..... 1
 Gi3_27292798_x9.....ucUggccccccagacuugcgauC..... 1
 Gi3_27244648_x9.....gucgugggCacacggggugccgaac..... 1
 Gi5_8458833_x9.....acgucAugggaacacggggugccgaacu..... 1
 Gi2_10429167_x9.....gucgAugggaacacggggugccgaacu..... 1
 Gi5_8465961_x9.....ggaacUcggggugccgaacu..... 1
 Gl1_5641483_x9.....agagaagcgccgucaggccccccagu..... 0
 Gi2_10437573_x9.....ugggaGcacggggugccga..... 1
 Gi5_8471091_x9.....gggaacacNgggugccgaa..... 1
 Gi3_27270055_x9.....gGgacgucugggaaacacggggugccgaacu..... 1
 Gl1_5651248_x9.....Uagaagcgccgucaggccccgcca..... 1
 Gi2_10441767_x9.....agacgucugggGacacggggugcc..... 1
 Gi3_27296704_x9.....Uacgucugggaaacacggggugc..... 1
 Gi3_27302707_x9.....gucgugggaaacacggggCgcc..... 1
 Gi2_10459659_x9.....aggccccAccagacuugcgga..... 1
 Gi3_27294994_x9.....acgucugggaaacacgggguAccgaacu..... 1
 Gi3_27291799_x9.....gugggaaAacggggugccg..... 1
 Gi3_27281242_x9.....cAucgugggaaacacggggugccgaac..... 1
 Gi3_27280603_x9.....gaacacggggugccCaacu..... 1
 Gi2_10458480_x9.....gugggaaacacggggugGc..... 1
 Gi3_27285778_x9.....agaagcgcnGucagggccccgccc..... 1
 Gi3_27304849_x9.....acgucgCgggaaacacggggugccgaac..... 1
 Gi2_10436196_x9.....aucggagacgucguAggaaacacggggu..... 1
 Gi3_27256213_x9.....aggccccccagucgucg..... 1
 Gi3_27271729_x9.....cgugggaGcacggggugccgaa..... 1
 Gi4_523332_x9.....gUgaacacggggugccgaacu..... 1
 Gi3_27273997_x9.....cgucugggaaacacggggugccA..... 1
 Gi5_8460264_x9.....gggaacacggggugccgGac..... 1
 Gi2_10452594_x9.....cgucugggaaacacAgggugccgaacu..... 1
 Gi2_10438572_x9.....gugggaaacacgggguUccgaacu..... 1
 Gi5_8453352_x9.....cgugggaaacacgggguUccgaacu..... 1
 Gi2_10452198_x9.....aucggagaNucgugggaaacacg..... 1
 Gi3_27280117_x9.....agacgucugggaaacacggggugccgCacu..... 1
 Gi3_27294598_x9.....cgccaguaNugcgauaggagacg..... 1
 Gl1_5635489_x9.....gggaacacggggugccgaGcu..... 1
 Gi3_27299314_x9.....gggaacacgggAugccgaac..... 1
 Gi3_27296092_x9.....acgucugggaaacacggggugccgaGc..... 1
 Gi2_10449363_x9.....gUagacgucugggaaacacggggugccg..... 1
 Gi3_27266014_x9.....gacgCcgugggaaacacggggugccgaacu..... 1
 Gl1_5647270_x9.....gggaacacggggugccgCacu..... 1
 Gi3_27286867_x9.....aucggagacgucugggaaacacggA..... 1
 Gi2_10445178_x9.....ggagGcgucugggaaacacggggugcc..... 1

Gi4_521703_x9gugggaacacggggugccgaGcu..... 1
 Gi5_8466888_x9.....aucggagaNgucgugggaacacgg..... 1
 Gi3_27292501_x9.....aucgAgacgucgugggaacacg..... 1
 Gi3_27278812_x9.....aucggagacgucAugggaacacg..... 1
 Gi3_27277183_x9.....ugggGacacggggugccg..... 1
 Gi2_10438734_x9.....ggaacCcggggugccgaac..... 1
 Gi1_3931075_x9.....ucgAgggaacacggggugccgaacu..... 1
 Gi1_3933955_x9.....ucgugggaacacUgggugccgaacu..... 1
 Gi5_8459472_x9.....gugggaacacggggugcUgaac..... 1
 Gi3_27298648_x9.....cgAcgugggaacacggggugccg..... 1
 Gi2_10459119_x9.....guAgggaacacggggugccga..... 1
 Gi3_27300808_x9.....Aggagacgucgugggaacacggggugccg..... 1
 Gi3_27271360_x9.....gacgucgugggaacacggggAgccgaacu..... 1
 Gi1_3938995_x9.....Uacgucgugggaacacggggugccgaac..... 1
 Gi3_27298135_x9.....cgucagggccccgccUguacugcg..... 1
 Gi3_27282412_x9.....cgucagggccccgccaguacCgc..... 1
 Gi5_8465709_x9.....ggaacacggggugccgaacG..... 1
 Gi2_10461603_x9.....uUcgaucggagacgucgugggaacacg..... 1
 Gi3_27250147_x9.....Uccgucagggccccgccaguacugcgau..... 1
 Gi2_10442199_x9.....ccccgccGguacugcgau..... 1
 Gi3_27301249_x9.....Aacgucgugggaacacggggugccgaacu..... 1
 Gi4_522819_x9.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27285706_x9.....cagggccccgccaguacugcgCu..... 1
 Gi3_27285310_x9.....ucgugggaaUacggggugccgaac..... 1
 Gi5_8465772_x9.....aUuacugcgauccgagacguc..... 1
 Gi5_8465628_x9.....ucgugggaacacggggugccgaaAu..... 1
 Gi3_27253045_x9.....gacgucgugggaacacggggAgccgaac..... 1
 Gl1_5638531_x9.....cgugggaacacggggugcUgaacu..... 1
 Gl1_5653984_x9.....aCcgagacgucgugggaacacggg..... 1
 Gi1_3935224_x9.....gaaacacggggugccgaaUu..... 1
 Gi3_27276913_x9.....cGcgccaguacugcgauccgagacg..... 1
 Gi3_27298882_x9.....aacacgUggugccgaacu..... 1
 Gi5_8470047_x9.....Gacugcgauccgagacgu..... 1
 Gi5_8461992_x9.....gucgugAgaacacggggugccgaacu..... 1
 Gi2_10432065_x9.....ugggaacacgggUugccgaac..... 1
 Gi2_10444917_x9.....aucggagacgCcgugggaacacggggugc..... 1
 Gi2_10449471_x9.....gugggaacacggggUaccga..... 1
 Gi3_27259129_x9.....aggccccccagCacugcga..... 1
 Gi3_27301024_x9.....Gcgccaguacugcgauccgagacguc..... 1
 Gi3_27302221_x9.....gugggaacacggggugcAga..... 1
 Gi3_27261676_x9.....gaUgucgugggaacacggggugccgaacu..... 1
 Gi1_3934063_x9.....gucgugggaacacggggugccgGacu..... 1
 Gi2_10456896_x9.....aggccccgccCguacugcg..... 1
 Gi3_27263368_x9.....ggaacacggCgugccgaacu..... 1
 Gi3_27290836_x9.....Agugggaacacggggugccga..... 1
 Gi3_27291601_x9.....cUccaguacugcgauccgaga..... 1
 Gi5_8468013_x9.....cUucgugggaacacggggugccgaa..... 1

Gi5_8468391_x9.....acgucgugggaacacAgggugccgaacu..... 1
G1a_5647612_x9.....Ugccccgccaguacugcgauc..... 1
Gi2_10459893_x9.....Uccgucaggccccgccaguacu.....aucggagacgucgugggCaca..... 1
Gi1_3930931_x9.....Uccgucaggccccgccaguacu..... 1
Gi2_10450533_x9.....Uggccccgccaguacugc..... 1
Gi2_10446726_x9.....cUucgugggaacacggggug..... 1
Gi5_8460858_x9.....ggaUcacggggugccgaacu..... 1
Gi2_10459434_x9.....gucgugggaacacggggugUcgaacu..... 1
Gi2_10448247_x9.....guUggaacacggggugccgaa..... 1
Gi5_8474070_x9.....gggaacGcggggugccgaac..... 1
Gi5_8473242_x9.....cgugggaacacggggugGcgaacu..... 1
Gi2_10444836_x9.....aAcggagacgucgugggaacacgggg..... 1
G1a_5635732_x9.....aucggagacgucGgggaacacggg..... 1
Gi4_521595_x9.....cgugggaNacggggugccgaacu..... 1
Gi1_3936925_x9.....ugggaacacggggugccgaCcu..... 1
Gi3_27300439_x9.....aucggagacgucgugggaacacgA..... 1
Gi3_27278353_x9.....cguNggaacacggggugccgaac..... 1
Gi5_8459112_x9.....gugggaacacGcggugccgaacu..... 1
Gi2_10440642_x9.....acgucgugNgaacacggggugccgaac..... 1
Gi5_8467950_x9.....gugggaGcacggggugccgaac..... 1
Gi3_27246007_x9.....cgucgugggaacacAgggugccgaac..... 1
Gi3_27259525_x9.....cgugggaacacCgggugccgaacu..... 1
Gi2_10444233_x9.....aucggagacgucgugggaacCcgggg..... 1
Gi2_10430391_x9.....caggccccgcUaguacugcgauc..... 1
Gi2_10444701_x9.....guCggaacacggggugccgaacu..... 1
Gi2_10451118_x9.....Acgaucggagacgucgugggaacacggggugc..... 1
Gi2_10443279_x9.....aucggagacgucgugggaacaUggggg..... 1
Gi1_3935863_x9.....cUccaguacugcgaucggaga..... 1
Gi3_27289621_x9.....Aaucggagacgucgugggaacacgggg..... 1
Gi2_10444143_x9.....gaacacggggugcAgaacu..... 1
Gi2_10436430_x9.....cgGcuggggaacacggggugccg..... 1
Gi5_8465295_x9.....cgucgugAgaacacggggugccgaacu..... 1
Gi3_27298396_x9.....cUgggaacacggggugccg..... 1
G1a_5641393_x9.....Cgggaacacggggugccgaacu..... 1
Gi1_3930382_x9.....ucgugggaacaUggggugccgaacu..... 1
Gi2_10458120_x9.....ucaggccccgccaguacugUgauc..... 1
Gi3_27263971_x9.....Gguacugcgaucggagacgucgug..... 1
Gi1_3936007_x9.....cgucgugggaGcacggggugccgaacu..... 1
G1a_5640034_x9.....ggaacacggggugccgGacu..... 1
Gi5_8460237_x9.....acgucgugggaacacggggugcAgaacu..... 1
Gi5_8469093_x9.....auUggagacgucgugggaacacgg..... 1
Gi2_10453845_x9.....agccccgccaAuacugcgauc..... 1
Gi2_10453872_x9.....ucgugggaacacggggugcAgaacu..... 1
Gi2_10431660_x9.....aUgccccgccaguacugcgaucggagacguc..... 1
G1a_5649844_x9.....gGgggaacacggggugccg..... 1
Gi5_8464845_x9.....acgucgugggaacCcgggugccgaacu..... 1
Gi2_10460109_x9.....aUacgucgugggaacacggggugccgaac..... 1

Gi3_27271639_x9.....aucggagacgucUugggaacacggggu..... 1
 Gi2_10455987_x9.....Ugucaggccccgccaguacugc..... 1
 Gi3_27304561_x9.....cgAcgugggaacacggggugcc..... 1
 Gi5_8467725_x9.....acgucguAggaacacggggugccgaacu..... 1
 Gi2_10458219_x9.....Aucgugggaacacggggugc..... 1
 Gi2_10433532_x9.....aucggagacgucgugggaacacAgggugc..... 1
 Gi3_27269461_x9.....gUagacgucgugggaaca..... 1
 Gi2_10461765_x9.....ugggGacacggggugccg..... 1
 Gi3_27255277_x9.....aucgUagacgucgugggaacacgggg..... 1
 Gi5_8465844_x9.....ggaacacggggugccgaaAu..... 1
 Gi2_10442217_x9.....aacacgggAugccgaacu..... 1
 Gi2_10457445_x9.....ucgugggaacacggggAgccgaacu..... 1
 Gi5_8456079_x9.....cgugggaacacggggugcGgaacu..... 1
 Gi2_10449057_x9.....gugggaacacggggugccA..... 1
 Gi3_27259345_x9.....Uagaagcgccgucagggcccg..... 1
 Gi3_27265474_x9.....aggccAcgccaguacugcga..... 1
 Gi2_10443162_x9.....cgugggCacacggggugc..... 1
 Gi3_27299143_x9.....caggccccgccGguacugcg..... 1
 Gi3_27265501_x9.....cgugggGacacggggugccg..... 1
 Gi1_3939958_x9.....aacacggggugcAgaacu..... 1
 Gi2_10442775_x9.....cguggAaacacggggugccgaac..... 1
 Gi2_10432650_x9.....cgucgugggaacacggggugUcgaacu..... 1
 Gi3_27262630_x9.....gccccgccCguacugcgauc..... 1
 Gi2_10439265_x9.....cUccgucaggccccgccaguac..... 1
 Gi5_8468445_x9.....ugggCacacggggugccgaacu..... 1
 Gi3_27291565_x9.....cCugggaacacggggugccgaa..... 1
 Gi5_8453541_x9.....ugggaacacggggCgccgaac..... 1
 Gi2_10443153_x9.....gugggaaUacggggugccga..... 1
 Gi2_10458903_x9.....cgucgugggaacacggggugccgGacu..... 1
 Gi3_27256348_x9.....gugggaacaAgggggugccga..... 1
 Gi1_3933001_x9.....Ggugggaacacggggugccga..... 1
 Gi3_27292168_x9.....cgucgugggaacacggggugccgaacG..... 1
 Gi3_27248716_x9.....cgucAugggaacacggggugcc..... 1
 Gi5_8469120_x9.....cgucgugggaacacggggAgccgaacu..... 1
 Gi5_8473062_x9.....uGgugggaacacggggugccgaac..... 1
 Gi2_10452216_x9.....cgCgggaacacggggugccga..... 1
 Gl1_5653948_x9.....Uucaggccccgccaguacu..... 1
 Gi2_10435629_x9.....aucgUagacgucgugggaacacggggugcc..... 1
 Gi2_10431822_x9.....agacgucgugggaacGcggggugcc..... 1
 Gi3_27261505_x9.....aucggagaUgucgugggaacacggg..... 1
 Gi2_10461261_x9.....Uacgucgugggaacacggg..... 1
 Gi2_10432263_x9.....aUaagcgccgucagggccccgcc..... 1
 Gi3_27247753_x9.....ggaacacggUgugccgaacu..... 1
 Gi1_3941974_x9.....ucaggccccgccaguacugc..... 0
 Gi1_3928969_x9.....uUggaacacggggugccg..... 1
 Gi3_27247294_x9.....aggccccgccaguacugcC..... 1
 Gl1_5643364_x9.....agaagcgcNgucaggccccgc..... 1

Gi2_10458192_x9.....cCucgugggaacacggggugccgaacu..... 1
 Gi3_27302842_x9.....cgugggaaUacggggugc..... 1
 Gi5_8455953_x9.....Nugggaacacggggugccgaacu..... 1
 Gi2_10429428_x9.....ugggaacGcggggugccga..... 1
 Gi2_10460487_x9.....gaucggagacgucgugggaacGcggg..... 1
 Gi1_3936781_x9.....Gaggccccgccaguacugc..... 1
 Gi2_10456716_x9.....ugggaacacggggugccgaaUu..... 1
 Gi2_10437987_x9.....cgucguggNaacacggggugccgaac..... 1
 Gi2_10439418_x9.....gcgaucggagacgucgugggaacacggggugcc..... 0
 Gi1_3930589_x9.....aUgucgugggaacacggggugccgaacu..... 1
 Gi3_27262486_x9.....ggagacgucUugggaacacggggg..... 1
 Gi5_8458887_x9.....aaAacggggugccgaacu..... 1
 Gi3_27248338_x9.....Agccccgccaguacugcgau..... 1
 Gi3_27287182_x9.....cggagacgucgugggaGcacggggg..... 1
 Gi1_3937537_x9.....gCcgugggaacacggggugcc..... 1
 Gi2_10447455_x9.....gucgugggaaAacggggugcc..... 1
 Gi5_8474592_x9.....agUcucgugggaacacggggugccgaacu..... 1
 Gi2_10457616_x9.....cgugggaacacggggugccgaaGu..... 1
 Gi3_27259111_x9.....cgucgAggggaacacggggugccgaacu..... 1
 Gi2_10461090_x9.....gCcgugggaacacggggugcc..... 1
 Gi5_8471883_x9.....Uacgucgugggaacacggggugccgaac..... 1
 Gi3_27268633_x9.....gucgugggaacaGggggugccgaacu..... 1
 Gi3_27305506_x9.....aucggagacgucgugggGacacggggugcc..... 1
 Gi1_3930607_x9.....ucgugggaacacgAggugccgaacu..... 1
 G1a_5648206_x9.....aacacgggNugccgaacu..... 1
 Gi2_10436169_x9.....Gcggagacgucgugggaacacggggugcc..... 1
 Gi3_27296083_x9.....gugggaacacggggugGc..... 1
 Gi3_27255700_x9.....gaacacgAggugccgaac..... 1
 G1a_5643670_x9.....Uugggaacacggggugccgaa..... 1
 Gi2_10459371_x9.....ugggaacacggggugccgaCc..... 1
 Gi1_3940219_x9.....ucgugggaacacggggugUcgaacu..... 1
 Gi3_27258022_x9.....cUcgccaguacugcgauccgagacguc..... 1
 Gi3_27295624_x9.....gacgucgugggaacGcggggugccgaacu..... 1
 Gi2_10447419_x9.....Aaucggagacgucgugggaacacggg..... 1
 Gi1_3938167_x9.....acgucgugggaGcacggggugccg..... 1
 Gi2_10431849_x9.....caggccccgccGguacugcgau..... 1
 Gi1_3931516_x9.....aucggagacgucgugggaacacgU..... 1
 G1a_5635012_x9.....gCgaacacggggugccgaacu..... 1
 Gi3_27258787_x9.....gucgugggaacacggggugccgaaA..... 1
 Gi3_27245296_x9.....cgugAgaacacggggugcc..... 1
 Gi3_27280738_x9.....ugggaacacggggugccgaUcu..... 1
 Gi5_8462667_x9.....guNggaacacggggugccgaacu..... 1
 Gi2_10432785_x9.....aucggagacgCcgugggaacacgggg..... 1
 Gi3_27300574_x9.....cgucgugggaacacggggAgccgaacu..... 1
 Gi1_3941902_x9.....ucgugggaGcacggggugcc..... 1
 Gi3_27269407_x9.....Uaagcggcugacggccccccagua..... 1
 Gi2_10442928_x9.....gccccgccGguacugcgau..... 1

Gi1_3942172_x9.....ucgugggaacacggggCgcc..... 1
 Gi2_10443918_x9.....aucggagacgucgugggaacGcggggug..... 1
 Gi3_27280450_x9.....uCGgaacacggggugccg..... 1
 Gi3_27322537_x8.....cgugggaaAacggggugccgaac..... 1
 Gi3_27337577_x8.....gggaacacUgggugccgaacu..... 1
 Gi2_10468514_x8.....gugggaaUacggggugccgaa..... 1
 Gi5_8477193_x8.....aucggagacgCcgugggaacacg..... 1
 Gi3_27353481_x8.....ucaggcccNgccaguacugcgauC..... 1
 Gi2_10487546_x8.....gaucggagacgucgugggGacac..... 1
 Gi2_10481178_x8.....aucggagacgucgugggaacacAggggu..... 1
 Gi2_10496202_x8.....ucaggccccgccaguacugcgauCggagacg..... 0
 Gi3_27341753_x8.....aucggagacgucgugggaacacggc..... 1
 Gi2_10497050_x8.....ucggagacgucgugggaacacggggugccg..... 0
 Gi3_27339945_x8.....guggCaacacggggugcc..... 1
 Gi2_10494930_x8.....cugcgauCggagacgucgugggaacacgggggu..... 0
 Gi3_27375129_x8.....ucgugggaacacggggugccgaaU..... 1
 Gi5_8480225_x8.....acgucgugggaacacggggugccgGacu..... 1
 Gi3_27331849_x8.....cgGcaggccccgccaguacugcg..... 1
 Gi3_27311545_x8.....ggUgacgucgugggaacacgggggu..... 1
 Gi3_27347505_x8.....cgugggaGcacggggugccg..... 1
 Gi3_27335017_x8.....GccgccaguacugcgauCggagacg..... 1
 Gi2_10478682_x8.....gaacacggggCgccgaac..... 1
 Gi1a_5672737_x8.....cgauCggaNacgucgugg..... 1
 Gi2_10497354_x8.....aucGUagacgucgugggaacac..... 1
 Gi1_3947661_x8.....caggccccgccaguacugcgau..... 0
 Gi1_3942981_x8.....aUuacugcgauCggagacgucgug..... 1
 Gi5_8500633_x8.....gggaacacgggAugccgaacu..... 1
 Gi4_524288_x8.....guUggaacacggggugccgaacu..... 1
 Gi3_27327585_x8.....agacgucgugggaacacggggCgccgaac..... 1
 Gi5_8496801_x8.....gugggaacacggAgugccg..... 1
 Gi2_10479370_x8.....gaucggagacgucgugggaacacggggC..... 1
 Gi2_10479282_x8.....gaacacggggugccUaacu..... 1
 Gi5_8481753_x8.....gugggaacacggggugccgaaU..... 1
 Gi5_8502273_x8.....gugggaacacggggAgccgaac..... 1
 Gi1_3949877_x8.....Uagacgucgugggaacacggggugccg..... 1
 Gi5_8502265_x8.....gacgucgugggaacacggggGgccgaacu..... 1
 Gi2_10483730_x8.....Ugacgucgugggaacacg..... 1
 Gi1_3947581_x8.....Gcgucgugggaacacggggugcc..... 1
 Gi2_10496410_x8.....cgucgugggGacacggggugccga..... 1
 Gi5_8497001_x8.....gggaacacggggugccgaC..... 1
 Gi3_27310329_x8.....gugCgaacacggggugccgaac..... 1
 Gi5_8478465_x8.....auUggagacgucgugggaacacg..... 1
 Gi3_27354313_x8.....cgGcugggaacacggggugccga..... 1
 Gi2_10475002_x8.....ugCgaacacggggugccgaacu..... 1
 Gi3_27375601_x8.....cgugggaacacgAggugcc..... 1
 Gi2_10483682_x8.....cccgccagNacugcgauC..... 1
 Gi3_27308041_x8.....ugggaCcacggggugccgaa..... 1

Gi3_27362449_x8.....cgucgugggaacacggggugAcgaacu..... 1
 Gi3_27315377_x8.....Gccgccaguacugcgaucggag..... 1
 Gi3_27376993_x8.....Uucagggccccccaguacugcgaucgga..... 1
 Gi3_27321433_x8.....cGguacugcgaucggagacgu..... 1
 Gi5_8495393_x8.....gucgugggCacacggggugccgaacu..... 1
 Gi3_27309617_x8.....aucggagacgucgugggCacac..... 1
 Gi2_10483754_x8.....cgugggaacacggggUaccgaac..... 1
 Gi1_5658201_x8.....gGacacggggugccgaacu..... 1
 Gi2_10462866_x8.....ucagggcccNccaguacugc..... 1
 Gi3_27307905_x8.....aucggagacgucgGgggaacacg..... 1
 Gi2_10467378_x8.....Ggucgugggaacacggggugccgaac..... 1
 Gi3_27362761_x8.....gUcaguacugcgaucggagacguc..... 1
 Gi1_3947125_x8.....cgucgugAgaacacggggugccgaacu..... 1
 Gi3_27344201_x8.....aacacggggUccgaacu..... 1
 Gi3_27324201_x8.....aAcggagacgucgugggaacacggggU..... 1
 Gi1_3948205_x8.....cgugggaacacggggugccGacu..... 1
 Gi1_3947253_x8.....Gucggagacgucgugggaacacg..... 1
 Gi3_27308641_x8.....aggccccgccaguaUugcg..... 1
 Gi5_8480049_x8.....gggaacacggggugccgaaAu..... 1
 Gi3_27363057_x8.....cgugggaCcacggggugccga..... 1
 Gi2_10464698_x8.....gucgugggaacacggggGgc..... 1
 Gi2_10480818_x8.....gaUgucgugggaacacggggugcc..... 1
 Gi5_8501033_x8.....Gguacugcgaucggagacguc..... 1
 Gi3_27314793_x8.....ggaaAacggggugccgaac..... 1
 Gi1_3953205_x8.....gGacacggggugccgaac..... 1
 Gi2_10486658_x8.....gaucggagacgucgugggGacacg..... 1
 Gi2_10482610_x8.....aAcggagacgucgugggaacac..... 1
 Gi3_27373385_x8.....acgucgugggaacacggggugcAgaac..... 1
 Gi3_27329825_x8.....ggaGcacggggugccgaa..... 1
 Gi3_27347233_x8.....aggNccccccaguacugcgauc..... 1
 Gi3_27329009_x8.....cggagacgucgugggaacacggggG..... 1
 Gi1_5661625_x8.....aUgccccccaguacugc..... 1
 Gi3_27322801_x8.....cUccgccaguacugcgauc..... 1
 Gi2_10486338_x8.....cgaucggGgacgucgugggaacacggggugc..... 1
 Gi5_8496785_x8.....aucggagacgucgugggGacacg..... 1
 Gi2_10498290_x8.....Gcgugggaacacggggugcc..... 1
 Gi2_10490114_x8.....gGcgucgugggaacacggggU..... 1
 Gi2_10492786_x8.....aAcggagacgucgugggaacacggggugc..... 1
 Gi1_3949269_x8.....gaucggagacgucgugggaacacggggU..... 0
 Gi5_8497737_x8.....caggccccccaguacCgcg..... 1
 Gi2_10468738_x8.....ggaacacUgggugccgaacu..... 1
 Gi3_27365881_x8.....ugggaacacggggugUcga..... 1
 Gi2_10483658_x8.....acgucgugggaacacggggugUc..... 1
 Gi3_27370633_x8.....Gggccccccaguacugcgaucgg..... 1
 Gi3_27316417_x8.....cgucgugggUacacggggugccgaacu..... 1
 Gi3_27314817_x8.....cGguacugcgaucggagacgucgu..... 1
 Gi1_3945117_x8.....cgugggaacacggggGgcccgaacu..... 1

Gi2_10488482_x8.....caggccccgccGguacugcg..... 1
 Gi3_27327289_x8.....gUucggagacgucgugggaacacggg..... 1
 Gi2_10472250_x8.....gaucggagacgucgugggCaca..... 1
 Gi3_27358113_x8.....gAaacacggggugccgaa..... 1
 Gi1_3948365_x8.....ggaacCcggggugccgaacu..... 1
 Gi3_27336489_x8.....gggaacacggUgugccgaacu..... 1
 Gi2_10484842_x8.....agacgucgugggaacacggggCgcc..... 1
 Gi5_8502017_x8.....ugAgaacacggggugccgaac..... 1
 Gi2_10490802_x8.....gaucggagNcgucgugggaacacgggg..... 1
 Gi5_8479449_x8.....gggaacacggggugcAgaacu..... 1
 Gi5_8478417_x8.....aucggagacgucgugggaCcacgg..... 1
 Gi3_27313969_x8.....cgucgugggaaAacggggugcc..... 1
 Gi3_27372433_x8.....aucggaAacgucgugggaacacg..... 1
 Gi3_27311337_x8.....Gacacggggugccgaacuu..... 1
 Gi3_27365889_x8.....ucgugggaacacgggAugccgaac..... 1
 Gi2_10461922_x8.....gGucggagacgucgugggaacacgggg..... 1
 Gi5_8501561_x8.....gagaagcgccgucagggccccccaguacugc..... 0
 Gi5_8497697_x8.....ggaacGacggggugccgaacu..... 1
 Gi5_8498297_x8.....gaacacggggugGcgaacu..... 1
 Gi2_10492698_x8.....cgucgugggaacacggggUaccgaacu..... 1
 Gi2_10494626_x8.....gugggaacacggggugGcgaac..... 1
 Gi2_10461890_x8.....acgucgugggaGcacggggugccgaacu..... 1
 Gi2_10496970_x8.....gggaGcacggggugccgaa..... 1
 Gi3_27374761_x8.....cgCcgugggaacacggggugc..... 1
 Gi2_10474786_x8.....Ggaagcgccgucagggccccgcc..... 1
 Gi3_27370209_x8.....gAcgugggaacacggggugccgaac..... 1
 Gi3_27314993_x8.....gugggaacacggggugcAg..... 1
 Gi3_27332113_x8.....gccccgccaguGcugcgauc..... 1
 Gi2_10466634_x8.....ccccgccaguacugUgauc..... 1
 Gi1_3945525_x8.....gugggaacaAggggugccgaacu..... 1
 Gi3_27317713_x8.....ggaacacggggUcccgaacu..... 1
 Gi2_10464738_x8.....aUaagcgccgucagggccccccaguac..... 1
 Gi5_8485673_x8.....aacacggggugccUaacu..... 1
 Gi3_27308657_x8.....aucggagacguUgugggaacacggg..... 1
 Gi3_27376297_x8.....cgugggaacacggggugAcg..... 1
 Gi3_27332745_x8.....ggagacgucgugggaacacggggC..... 1
 Gi5_8493785_x8.....gugggaacacggggGgcc..... 1
 Gi3_27374545_x8.....Uaggccccccaguacugcg..... 1
 Gi2_10486954_x8.....ggaacacggggugcAgaac..... 1
 Gi3_27336529_x8.....gacgucgCgggaacacggggugccgaac..... 1
 Gi2_10474170_x8.....ugUgaacacggggugccga..... 1
 Gi5_8496929_x8.....cguggUaacacggggugccgaacu..... 1
 Gi2_10468026_x8.....gUagacgucgugggaacacg..... 1
 Gi2_10484218_x8.....aucggagacgucguggAaacacggggugc..... 1
 Gi2_10467218_x8.....guggAaacacggggugccg..... 1
 Gi1a_5659185_x8.....ugggaacacggggAgccgaacu..... 1
 Gi3_27365145_x8.....ugggaacCcggggugccgaa..... 1

Gi2_10474434_x8.....gaucggagacgucguggaacGcggggu..... 1
Gi3_27337489_x8.....gUcccgccaguacugcgau..... 1
Gi3_27362585_x8.....cgUcaguacugcgauccgagacg..... 1
Gi2_10498634_x8.....Ccagggccccccagucugcg..... 1
Gi3_27353241_x8.....agaagcgccgucagggccccGgu..... 1
Gi2_10492650_x8.....Ucgauccgagacgucguggaacacgg..... 1
Gi3_27349345_x8.....cgucgCgggaacacggggugccgaac..... 1
Gi3_27307721_x8.....gggaacacggUgugccgaac..... 1
Gi2_10481250_x8.....cguggaacacUgggugccg..... 1
Gi1_3952237_x8.....Ggucguggaacacggggugcc..... 1
Gi5_8488665_x8.....Gcugcgauccgagacgucgug..... 1
Gi3_27318729_x8.....gaacacggggGgccgaac..... 1
Gi2_10476242_x8.....cgucguggaacacggggugccgaCcu..... 1
Gi3_27329473_x8.....Aacgucguggaacacggg..... 1
Gi2_10481698_x8.....gaacacggggugccgaAu..... 1
Gi3_27350513_x8.....gaagGgaagcgccgucaggg..... 1
Gi2_10486090_x8.....acgucguggaacacggggugccgaGcu..... 1
Gi2_10493546_x8.....Uagaagcgccgucagggcc..... 1
Gi3_27344217_x8.....cguggaacacgCggugccgaac..... 1
Gi3_27375449_x8.....cCucguggaacacggggugccgaac..... 1
Gi5_8484137_x8.....cgucguggaacacAgggugccgaacu..... 1
Gi2_10462282_x8.....cgAgggaacacggggugc..... 1
Gi2_10488074_x8.....aucggagacgucguggaacacggggugccga..... 0
Gi2_10489586_x8.....Ugccccgccaguacugcgauccgagacgu..... 1
Gi2_10478858_x8.....aucggagacgucgCgggaacacggggugc..... 1
Gi2_10480170_x8.....Gcggagacgucguggaacacggggugc..... 1
Gi3_27310457_x8.....cgUcugcagggccccccagucugc..... 1
Gi3_27307737_x8.....aacacCgggugccgaacu..... 1
Gi2_10483698_x8.....aucgUagacgucguggaacacggggug..... 1
Gi3_27343761_x8.....gacgucguggaacacggggugccgaGc..... 1
Gi3_27316961_x8.....cguggaacacggggugcGgaac..... 1
Gi1_5661857_x8.....gGcaggccccccagucugc..... 1
Gi3_27350977_x8.....gUccccgccaguacugcgauccgagac..... 1
Gi1_3952973_x8.....aGcggagacgucguggaacacggggu..... 1
Gi2_10469354_x8.....cguggaacacggggCgc..... 1
Gi3_27370841_x8.....ggaNcacggggugccgaac..... 1
Gi5_8488841_x8.....gaacacggggugcAgaacu..... 1
Gi2_10470226_x8.....agUccccgccaguacugcgau..... 1
Gi5_8501737_x8.....gCgggaacacggggugccga..... 1
Gi5_8476889_x8.....guAggaacacggggugccgaac..... 1
Gi2_10488954_x8.....gGacugcgauccgagacguc..... 1
Gi2_10472194_x8.....acgucguggaacCcgggugccgaacu..... 1
Gi2_10485242_x8.....Cguggaacacggggugccgaac..... 1
Gi2_10480970_x8.....Aaucggagacgucguggaacacggggu..... 1
Gi3_27366881_x8.....ccgucagggccccccagucC..... 1
Gi1_3949909_x8.....gaacacggggugAcgaacu..... 1
Gi3_27340673_x8.....Gcagggccccccagucugcgauccg..... 1

Gi3_27355785_x8.....cgugggaacacggggugccgC..... 1
 Gi3_27312657_x8.....aUcgcgcucagggccccccagucucg..... 1
 Gi2_10469034_x8.....cgugggaacacggggugccgaaU..... 1
 Gl1a_5674769_x8.....cCugggaacacggggugccgaacu..... 1
 Gi2_10477666_x8.....uggUaacacggggugccgaacu..... 1
 Gl1a_5675177_x8.....ggaacacggggGgccgaacu..... 1
 Gi2_10494914_x8.....gacgucgugggaacGcggggugccgaacu..... 1
 Gi2_10487314_x8.....gaucggagacgucgugggaacCcg..... 1
 Gi3_27334689_x8.....cccgccagucgcaCcgagacguc..... 1
 Gi2_10470786_x8.....ugggaacacAgggugccgaac..... 1
 Gi3_27351065_x8.....aucgAagacgucgugggaacacggg..... 1
 Gl1a_5673425_x8.....Uacgucgugggaacacggggg..... 1
 Gi3_27368201_x8.....gUcgcgucgugggaacacggggugccgaacu..... 1
 Gi5_8491521_x8.....ucgugggaacacggggugccgaacG..... 1
 Gi2_10493074_x8.....gugggaacacAgggugccg..... 1
 Gi3_27309673_x8.....ucCugggaacacggggugccgaacu..... 1
 Gi3_27376617_x8.....caguacugcgaucggGgacgucgug..... 1
 Gi2_10490946_x8.....Gguacugcgaucggagacgu..... 1
 Gi2_10468346_x8.....gggaacacggggugccgaaA..... 1
 Gi2_10466090_x8.....cUaucggagacgucgugggaacacggggg..... 1
 Gi3_27374905_x8.....cgugggaacacggggUac..... 1
 Gi3_27333657_x8.....ggaacacggggugcGgaac..... 1
 Gl1a_5670689_x8.....agCacugcgaucggagacguc..... 1
 Gi2_10469050_x8.....Cgagacgucgugggaacacggggugcc..... 1
 Gi2_10471002_x8.....ccccgccUguacugcgauc..... 1
 Gi3_27342617_x8.....aggccccccagucagcgaC..... 1
 Gi3_27353473_x8.....gucgugggaaAacggggugccgaac..... 1
 Gi5_8486033_x8.....agacgucgugggaacGcggggugccgaacu..... 1
 Gi2_10497322_x8.....gggaacacggggAgccgaacu..... 1
 Gi1_3946325_x8.....gaucggagacgucgugggaacacggg..... 0
 Gi3_27309137_x8.....cggagacgCcgugggaacacggggg..... 1
 Gi2_10465450_x8.....gggaacacgAggugccgaac..... 1
 Gi2_10479002_x8.....gaacacggggugccgUac..... 1
 Gi3_27329913_x8.....cgucgugggaCcacggggugccgaac..... 1
 Gi3_27326161_x8.....Uagaagcgcgcucagggccccccagucucg..... 1
 Gi2_10497242_x8.....uUaggccccccagucagcgauc..... 1
 Gi5_8478761_x8.....cgucgugggaacGcggggugccgaacu..... 1
 Gi3_27322889_x8.....Gaguacugcgaucggagacgucgug..... 1
 Gi3_27344929_x8.....ugggaacGcggggugccg..... 1
 Gi1_3950357_x8.....cgugggaacacgAgugccgaacu..... 1
 Gi3_27320257_x8.....ugggaacacAgggugccg..... 1
 Gi3_27359169_x8.....cgugggaacacUgggugccgaac..... 1
 Gi1_3952373_x8.....Uacgucgugggaacacggggugccg..... 1
 Gi3_27349129_x8.....uUcgaucggagacgucgugggaaca..... 1
 Gi2_10490746_x8.....cgugAgaacacggggugcc..... 1
 Gi2_10497226_x8.....gCcaggccccccagucucg..... 1
 Gi3_27365289_x8.....cgugggaacacggggUaccga..... 1

Gi2_10495442_x8.....ggaacacggggugccgaCc..... 1
 Gi1_3953661_x8.....ugggaacacggggugUcgaacu..... 1
 Gi1_3945925_x8.....agacgucgugggaacacggggCgccgaacu..... 1
 Gi5_8497785_x8.....acgucgugggaGcacggggugccgaacu..... 1
 Gi2_10485882_x8.....ugggaacaNggggugccgaa..... 1
 Gi1_3942621_x8.....gcgaucggagacgucgCgggaacacggggugcc..... 1
 Gi3_27335441_x8.....aucggagacgucgugggaacacgggAu..... 1
 Gi5_8479993_x8.....ugggaacacggggugccUaacu..... 1
 Gi5_8494497_x8.....aacacgCgugccgaacu..... 1
 Gi3_27322577_x8.....gccaguacugcgauccgCgacguc..... 1
 Gi5_8480593_x8.....aucggagacgucgugggaacacggggugccgaacu..... 0
 Gi1_3944237_x8.....acgucgugggaacacggggugcAgaacu..... 1
 Gi2_10494474_x8.....aucAgagacgucgugggaacacgggg..... 1
 Gl1a_5655225_x8.....ugggaacacAgggugccgaacu..... 1
 Gi3_27348625_x8.....gucgugggaacacggggG..... 1
 Gi1_3956037_x8.....ggUacacggggugccgaac..... 1
 Gi3_27318377_x8.....ugNgaacacggggugccgaacu..... 1
 Gi5_8500353_x8.....Uaagcgccgucagggcccgcc..... 1
 Gi3_27315289_x8.....cgAgggaaacacggggugc..... 1
 Gi3_27337057_x8.....gugggaaAacggggugccgaa..... 1
 Gi4_525112_x8.....Uucgugggaacacggggugccgaacu..... 1
 Gi3_27376641_x8.....aggccccgccaAuacugc..... 1
 Gi5_8492865_x8.....gucgugggaaUacggggugccgaacu..... 1
 Gi2_10493682_x8.....ccUguacugcgauccgagacguc..... 1
 Gi5_8493801_x8.....cgugggaacacggCgugccgaacu..... 1
 Gi2_10478226_x8.....gaacacggggugccgaUc..... 1
 Gi2_10487690_x8.....ugcgauccgagacgucgug..... 0
 Gi3_27368313_x8.....aggccccgcUaguacugc..... 1
 Gi3_27325793_x8.....gucgugggaacacggggugccgaacG..... 1
 Gi3_27355545_x8.....gucguAggaacacggggugccgaac..... 1
 Gi2_10483090_x8.....cgugggaacacggggugccgaG..... 1
 Gi2_10493962_x8.....gugggaaacGcggggugccgaa..... 1
 Gi1_3946725_x8.....cgugggaacaUggggugccgaacu..... 1
 Gi3_27328273_x8.....aggccccgccCguacugcgauccg..... 1
 Gl1a_5669241_x8.....gugggaacacggggUaccgaacu..... 1
 Gi2_10467346_x8.....gucgugggGacacggggugccgaac..... 1
 Gi5_8478009_x8.....aacaAgggugccgaacu..... 1
 Gi2_10483338_x8.....ucgugggaacacggggugccgGacu..... 1
 Gi3_27375937_x8.....ugggaacacggggugccCaacu..... 1
 Gi3_27341457_x8.....aUaagcgccgucagggccccgc..... 1
 Gi3_27356241_x8.....agacgucguAggaacacggggugccgaacu..... 1
 Gi3_27350449_x8.....caggccccgccaguacAgcgauc..... 1
 Gi2_10482354_x8.....ugggaacacgggCugccgaacu..... 1
 Gi5_8498913_x8.....gggaacacggggugUcgaacu..... 1
 Gi3_27327265_x8.....Gguacugcgauccgagacg..... 1
 Gi2_10488026_x8.....ucgugggaacacggggugccgaaUu..... 1
 Gi2_10476114_x8.....gccccgccaguacugcgauccgagacgu..... 0

Gi5_8500817_x8.....	gGacacggggugccgaac.....	1
Gi3_27341961_x8.....	caggccccgccCguacugc.....	1
Gi2_10464474_x8.....	aggNccccccaguacugcgauc.....	1
Gi1_3956821_x8.....	aUacgucgugggaacacggg.....	1
Gi3_27316393_x8.....	cGgccagucugcgaucggagacgu.....	1
Gl1a_5656425_x8.....	gGgggaacacggggugccgaa.....	1
Gi3_27375849_x8.....	cccgccagNacugcgaucggagac.....	1
Gi2_10494330_x8.....	gaucggagNcgucgugggaacacggggugc.....	1
Gi1_3953669_x8.....	ggaacacggggGgccgaacu.....	1
Gi2_10496274_x8.....	Ggucaggccccccaguacugcgc.....	1
Gi5_8492633_x8.....	Augggaacacggggugccga.....	1
Gi3_27314185_x8.....	aggcUccgccaguacugcgc.....	1
Gi1_3956557_x8.....	aacacggggugUcgaacu.....	1
Gi3_27359889_x8.....	aggccccccaguacugA.....	1
Gi3_27352329_x8.....	aucgAagacgucgugggaacacggggg.....	1
Gi2_10489930_x8.....	cgCcgugggaacacggggugcc.....	1
Gi3_27330345_x8.....	caggccccNccaguacugcgau.....	1
Gi2_10486130_x8.....	cgugggaacacggCgugccgaacu.....	1
Gi2_10482482_x8.....	aucggagGcgucgugggaacacggg.....	1
Gi1_3947389_x8.....	gGgggaacacggggugccga.....	1
Gi2_10478602_x8.....	aucggagacgucgugggaacacggggGgcc.....	1
Gi3_27343145_x8.....	Gcgugggaacacggggugcc.....	1
Gi2_10480474_x8.....	gaucggagNcgucguggga.....	1
Gi2_10490850_x8.....	gaucggagacgucgugggCacac.....	1
Gi2_10474690_x8.....	aggccccccagCacugcg.....	1
Gi2_10487882_x8.....	gugggUacacggggugcc.....	1
Gi5_8487129_x8.....	Uagacgucgugggaacacggggugcc.....	1
Gi3_27364817_x8.....	cgucgugggaacGcggggugccg.....	1
Gi3_27340001_x8.....	acgucgugggaacacggggGgcc.....	1
Gi3_27332977_x8.....	guacugcgaucggagacgucgugggaacacgg.....	0
Gi3_27341185_x8.....	gagaagcgNcgucaggccccgc.....	1
Gi2_10496138_x8.....	Aaucggagacgucgugggaacac.....	1
Gi5_8480249_x8.....	cgugggaGacggggugccgaacu.....	1
Gi4_525168_x8.....	aggccccccaguacugcgauc.....	0
Gi3_27376321_x8.....	aucggagacgucgugggaGcac.....	1
Gi2_10494506_x8.....	gugggaacacggAgugccgaa.....	1
Gi2_10491338_x8.....	cUccgucaggccccccagu.....	1
Gi1_3943333_x8.....	cgucgGgggaacacggggugccgaacu.....	1
Gi3_27371225_x8.....	gagGcgucgugggaacacggggugccgaacu.....	1
Gi3_27337305_x8.....	ugCgaacacggggugccgaacu.....	1
Gi3_27361489_x8.....	gggaacUcggggugccgaacu.....	1
Gi2_10498562_x8.....	Aucgugggaacacggggugcc.....	1
Gi2_10470554_x8.....	ggaNcacggggugccgaacu.....	1
Gi1_3950485_x8.....	ugggaacacggggugcAgaacu.....	1
Gi5_8480481_x8.....	Aaacacggggugccgaac.....	1
Gi3_27349305_x8.....	cgCcgugggaacacggggugccga.....	1
Gl1a_5670041_x8.....	Uccgucaggccccccagua.....	1

Gi2_10488002_x8.....cCucugugggaacacggggugcc..... 1
Gi2_10482346_x8.....gGcaggccccgccaguacug..... 1
Gi3_27322569_x8.....Ggucugugggaacacggggugccgaa..... 1
Gi2_10493322_x8.....Cgggaacacggggugccgaac..... 1
Gi3_27313425_x8.....ucggagacgucugugggaacacggggCgcc..... 1
Gi3_27374049_x8.....gaucggagacgucugugggaacCcggg..... 1
Gi3_27308233_x8.....ucggagacgucugugggaacacggggugccga..... 0
Gi1_3951181_x8.....gugggaacacggggugccgU..... 1
Gi3_27359385_x8.....aucggagacgucUugggaacacggg..... 1
Gi3_27343889_x8.....ggagacgucugugggGacacggggu..... 1
Gi3_27328737_x8.....Cccccgccaguacugcgauc..... 1
Gi2_10475930_x8.....gucugugggUacacggggugccgaacu..... 1
Gi5_8498777_x8.....cgugggaacacggggugcUgaac..... 1
Gi1_3957181_x8.....ggagacgucugugggaGcacggggugccg..... 1
Gi3_27366785_x8.....gugggaacacgggAugccgaa..... 1
Gi3_27340729_x8.....aucggagacAucgugggaacacgg..... 1
Gi2_10496834_x8.....cgugggaacacggggugccgG..... 1
Gi3_27367033_x8.....aggcGccgccaguacugcga..... 1
Gi2_10490330_x8.....gaucggagacgucugugggC..... 1
Gi5_8491089_x8.....acAucgugggaacacggggugccgaacu..... 1
Gi1_3954277_x8.....ugggaacacggggugccgCac..... 1
Gi2_10488778_x8.....ggaacacgggAugccgaac..... 1
Gi2_10463642_x8.....cgucugugggaGcacggggugcc..... 1
Gi2_10485634_x8.....aucggagacgucugAgaacacggggugc..... 1
Gi3_27321161_x8.....cguAggaacacggggugc..... 1
Gi5_8496665_x8.....gugggaaAacggggugccgaac..... 1
Gi2_10492570_x8.....Uccgccaguacugcgaucgg..... 1
Gi2_10479786_x8.....cgugggaacCcgggugccgaac..... 1
Gi5_8496529_x8.....agacgucgCgggaacacggggugccgaacu..... 1
Gi5_8493257_x8.....aucggagacgucugugggGacacgg..... 1
Gi3_27315297_x8.....gucGggccccgccaguacugc..... 1
Gi2_10481154_x8.....aucggagacgucugugggaGcacggggugc..... 1
Gi5_8488417_x8.....gucgugggaacacgAgggugccgaacu..... 1
Gi2_10462858_x8.....gccaguacugcgaucggagacgCc..... 1
G1a_5662161_x8.....gugggUacacggggugccgaacu..... 1
Gi5_8490313_x8.....Gggccccgccaguacugcgauc..... 1
Gi3_27369337_x8.....caUgccccgccaguacugcga..... 1
Gi3_27309697_x8.....acgucgAgggaacacggggugccgaacu..... 1
Gi2_10478034_x8.....ccccgccaguacugcgaCc..... 1
Gi3_27365633_x8.....aaGacggggugccgaacu..... 1
Gi3_27320001_x8.....aucggagacgucugugggaacGc..... 1
Gi5_8485297_x8.....gaagcgcucagcagccccgccaguacug..... 0
Gi4_525544_x8.....Uuacugcgaucggagacgucgugg..... 1
Gi5_8485441_x8.....gaUgucgugggaacacggggugccgaacu..... 1
Gi3_27351513_x8.....aggccccgccaguacugUg..... 1
Gi3_27310753_x8.....Ggcgcgucagggccccgcc..... 1
Gi2_10490322_x8.....cGgucaggccccgccaguacugcg..... 1

Gi1_3950517_x8.....uUcgauccggagacgucguggga..... 1
 Gi3_27357017_x8.....Ucgauccggagacgucguggga..... 1
 Gi2_10463090_x8.....acgucgugggGacacggggugcc..... 1
 Gi3_27364001_x8.....cUucaggccccgccaguacu..... 1
 Gi3_27359897_x8.....cagggccccgccGguacugcgau..... 1
 Gi2_10495874_x8.....Uucgugggaacacggggugccgaa..... 1
 Gi2_10465298_x8.....cgugggaacacggggugUc..... 1
 Gi3_27325121_x8.....gucgugggaacacggAgugccgaa..... 1
 Gi5_8477089_x8.....gucgugggaacUcggggugccgaa..... 1
 Gi2_10475410_x8.....cgugggaacacggAgugccgaa..... 1
 G1a_5657641_x8.....Uucaggccccgccaguacugcga..... 1
 Gi2_10491178_x8.....uAggaacacggggugccg..... 1
 Gi5_8500569_x8.....Cugggaacacggggugccga..... 1
 Gi3_27372521_x8.....agacgucgugggaacacggggugccAaac..... 1
 Gi5_8484913_x8.....Uccccgccaguacugcgauccga..... 1
 Gi2_10492386_x8.....cgCcaggccccgccaguacugc..... 1
 Gi3_27355913_x8.....aucggagacgucgugggaacaUg..... 1
 Gi1_3951365_x8.....agacgucgUgggaacacggggugccgaa..... 1
 Gi3_27312201_x8.....cgucgugggaacacggggugUc..... 1
 Gi3_27363097_x8.....aucggagacgucgugggaUacggg..... 1
 Gi5_8500537_x8.....cUugggaacacggggugccg..... 1
 Gi3_27311593_x8.....gugggaacacggggugccgaaG..... 1
 Gi5_8484617_x8.....guUggaacacggggugccga..... 1
 Gi3_27358681_x8.....gaucggagacgucgugggaacacgggA..... 1
 G1a_5664785_x8.....aUuacugcgauccggagacgucg..... 1
 Gi1_3951821_x8.....gUccccgccaguacugcgauccggaga..... 1
 Gi3_27330817_x8.....cguggAaacacggggugccga..... 1
 Gi3_27318673_x8.....cgugggaacacgggAugcc..... 1
 Gi2_10481850_x8.....gggaacacggggugcGgaacu..... 1
 Gi3_27330209_x8.....ucguCggaacacggggugccgaa..... 1
 Gi1_3950693_x8.....cUugggaacacggggugccgaa..... 1
 G1a_5654697_x8.....gggaacacAgggugccgaa..... 1
 Gi2_10495074_x8.....acugcgauccggagacgucgugggaacacggg..... 0
 Gi1_3953149_x8.....ucgugggaacacgggAugccgaa..... 1
 Gi5_8477385_x8.....Uaucggagacgucgugggaacacggggu..... 1
 Gi3_27341249_x8.....cgugggaacacgggCugccgaa..... 1
 Gi2_10477778_x8.....ugggaacacggggugcAgaac..... 1
 Gi3_27377209_x8.....ugggaacacgggAugccgaa..... 1
 Gi2_10520705_x7.....Acgugggaacacggggugccgaa..... 1
 Gi2_10508119_x7.....aguacugcgauccggagGcgu..... 1
 Gi3_27385349_x7.....aggcGcccagauacugc..... 1
 Gi3_27390291_x7.....gacgucgugggaacacAgggugccgaa..... 1
 Gi3_27386161_x7.....cUccaguacugcgauccggagacgucgug..... 1
 Gi3_27431248_x7.....ucaggccccgccaguacugcgauccggagacgu..... 0
 Gi3_27425354_x7.....agacgucgCgggaacacggggugccgaa..... 1
 Gi1_3969442_x7.....cgugggCacacggggugccgaa..... 1
 Gi2_10517065_x7.....gCagacgucgugggaacacggggugcc..... 1

Gi2_10502316_x7.....gggaacacggggugcUgaac..... 1
 Gi3_27437436_x7.....caggccccccaUuacugc..... 1
 Gi2_10505403_x7.....aUgucgugggaacacggggugc..... 1
 Gi3_27448524_x7.....aucAgagacgucgugggaacacggggugc..... 1
 Gi3_27396710_x7.....Ggccaguacugcgauccgagacgu..... 1
 Gi1_3965207_x7.....uGgugggaacacggggugccgaac..... 1
 Gi1_3971234_x7.....cgugggaacacgggAugccga..... 1
 Gi3_27393728_x7.....gGcgucgugggaacacggggg..... 1
 Gi2_10500293_x7.....aucggagacgucgugggUa..... 1
 Gi3_27413391_x7.....cgucgugggaacacgggAugccgaacu..... 1
 Gi3_27409380_x7.....cCgagacgucgugggaacacggggugcc..... 1
 Gi2_10502981_x7.....Uagaagcgccgucagggccccgcagua..... 1
 Gi2_10514594_x7.....Uaggccccgcaguaucggauc..... 1
 Gi3_27408330_x7.....cgugggaacGcggggugccg..... 1
 G1a_5682870_x7.....aUgccccgccaguaucggauc..... 1
 Gi3_27391488_x7.....acgucgugggaacacggggugccgaCcu..... 1
 G1a_5695729_x7.....Agggaacacggggugccgaacu..... 1
 Gi3_27443484_x7.....gugggaacaAggggugccgaa..... 1
 Gi3_27381086_x7.....agacgucgugggaGcacggg..... 1
 Gi2_10499985_x7.....cgugUgaacacggggugccgaa..... 1
 Gi3_27393070_x7.....agacUucgugggaacacggggugccgaacu..... 1
 Gi3_27454572_x7.....caggccccgcaguaUugcgau..... 1
 Gi3_27424339_x7.....Gcgugggaacacggggugccga..... 1
 Gi2_10529224_x7.....caUgccccgcaguaucgcg..... 1
 Gi2_10538821_x7.....gaacUcggggugccgaacu..... 1
 Gi5_8521645_x7.....gucgugggaacacggggugccAaacu..... 1
 Gi1_3968112_x7.....aGugcgauccgagacgucg..... 1
 Gi5_8524466_x7.....Ggggaacacggggugccgaacu..... 1
 Gi3_27392188_x7.....ucgGgggaacacggggugccgaac..... 1
 Gi1_3964878_x7.....ucgugggaacacggggGccgaac..... 1
 Gi3_27448783_x7.....aucggagacgucgugggaacacggggGgcc..... 1
 Gi2_10508861_x7.....cggagacgucgugggaacacAgggugcc..... 1
 Gi3_27397697_x7.....aucAgagacgucgugggaacacggggugcc..... 1
 Gi3_27400021_x7.....aucggagacgucUugggaacag..... 1
 Gi3_27432858_x7.....cgugggaacacggggugUcga..... 1
 Gi3_27457183_x7.....cccgccaguaucgGucggagacguc..... 1
 Gi3_27395030_x7.....ucgugggaacacggggugcAgaac..... 1
 Gi2_10532948_x7.....Gcugcgauccgagacgucgugg..... 1
 Gi3_27431073_x7.....aucggagacgucgugAgaacacgg..... 1
 Gi5_8503095_x7.....cgucUugggaacacggggugccgaacu..... 1
 Gi3_27417584_x7.....cgucgCgggaacacggggugccg..... 1
 Gi1_3970835_x7.....Uucgugggaacacggggug..... 1
 Gi3_27396591_x7.....aggccccgcaguaacuAc..... 1
 Gi2_10541061_x7.....cUgagacgucgugggaaca..... 1
 Gi5_8526244_x7.....caggccccgcaguaucggaucggagacg..... 0
 Gi3_27446669_x7.....gggaGcacggggugccga..... 1
 Gi2_10520320_x7.....cUccgccaguaucggaucgg..... 1

Gi3_27395611_x7.....acgucgugggaaAacggggugccgaacu..... 1
 Gi3_27419117_x7.....gugNgaacacggggugccgaa..... 1
 Gi3_27383914_x7.....gGgacgucgugggaaacacggggugccgaac..... 1
 Gi3_27385979_x7.....Uccgucagggccccgccaguacugc..... 1
 Gi3_27454719_x7.....cguAggaacacggggugccga..... 1
 Gi3_27407357_x7.....gggaCcacggggugccgaac..... 1
 Gi3_27404844_x7.....gugggaaacacggggucCccgaac..... 1
 Gi3_27388828_x7.....Aaggccccgccaguacugcg..... 1
 Gi2_10537743_x7.....aucggagacgCcgugggaaacacg..... 1
 Gi2_10530890_x7.....gggaacUcggggugccgaacu..... 1
 Gi3_27454089_x7.....gggaacacgAgggugccgaa..... 1
 Gi2_10533333_x7.....Ggacgucgugggaaacacggggug..... 1
 Gi2_10529280_x7.....Ugucgugggaaacacggggugccg..... 1
 Gi5_8504530_x7.....acgucgugggaaacacggggucAccgaacu..... 1
 Gi2_10526865_x7.....uCGgaaacacggggugccg..... 1
 Gi2_10517114_x7.....AcccgccaguacugcgauC..... 1
 Gi3_27426215_x7.....cggagacgNcgugggaaacacggg..... 1
 Gi3_27432018_x7.....cgugggaaacacggggucAcc..... 1
 Gi3_27442945_x7.....gGcagggccccgccaguacugcgauCgg..... 1
 Gi1_3960083_x7.....ucgugggaaacacggggAgccgaacu..... 1
 Gi1_3969421_x7.....ugggaGcacggggugccgaac..... 1
 Gi3_27433628_x7.....aUacgucgugggaaacacgggguc..... 1
 Gi3_27378027_x7.....gaucggagacgucgugggaaAacg..... 1
 Gl1_5696324_x7.....gugggCacacggggugccgaacu..... 1
 Gi1_3962764_x7.....ugggaaacacgggAugccgaacu..... 1
 Gi2_10507020_x7.....Agugggaaacacggggugcc..... 1
 Gi3_27448013_x7.....ggccccgccaguacugcgCu..... 1
 Gi5_8526223_x7.....aacNcggggugccgaacu..... 1
 Gi1_3968560_x7.....gugggUacacggggugccgaacu..... 1
 Gi2_10533872_x7.....agGcGucgugggaaacacggggugcc..... 1
 Gi3_27393399_x7.....acgucgugAgaacacggggugccgaac..... 1
 Gl1_5683416_x7.....Gucggagacgucgugggaaacacgggguc..... 1
 Gi2_10537918_x7.....cgugggaaacacggggugccUaacu..... 1
 Gi2_10518164_x7.....gggaaAacggggugccgaacu..... 1
 Gi2_10536518_x7.....acgucgugggaaacacAgggugcc..... 1
 Gi3_27387631_x7.....acgucguAggaacacggggugccgaac..... 1
 Gi2_10521510_x7.....gUucggagacgucgugggaaacac..... 1
 Gi2_10516890_x7.....gugggaaacacggggucCccgaacu..... 1
 Gi2_10513747_x7.....aucggagacgucUugggaaacacggggugc..... 1
 Gi3_27396878_x7.....caguacugNgaucggagacgucgug..... 1
 Gi1_3962036_x7.....ccccgccaguacugcgauC..... 0
 Gi3_27429183_x7.....caggccccgccaguacugUg..... 1
 Gi2_10502757_x7.....ucgugggaaacacggggGgccgaac..... 1
 Gl1_5683899_x7.....gaagagaagcgccugcagc..... 0
 Gi2_10520488_x7.....ugggaaacacggggugcUga..... 1
 Gi2_10515063_x7.....ccaguacugcgauCggagacgucgugggaaaca..... 0
 Gi5_8508016_x7.....cUucaggccccgccaguacugcg..... 1

Gi2_10516491_x7	.....Agugggaacacggggugccgaac	1
Gi2_10518577_x7	.....uUgugggaacacggggugccg	1
Gi2_10539374_x7	.....aucggagacgucgugggCacac	1
Gi1_3958928_x7	.....ugggaacacggggGgccgaacu	1
Gi1_3972900_x7	.....cgugggaacCcgggugccgaacu	1
Gi3_27456777_x7	.....cgucagggcUccgccaguacugcg	1
Gi1_3973439_x7	.....gUaacacggggugccgaa	1
Gi3_27400791_x7	.....caggUcccgccaguacugc	1
Gi3_27381765_x7	.....cgugggaacacggggugcUgaa	1
Gi2_10531296_x7	.....gugAgaacacggggugccgaa	1
Gi2_10499747_x7	.....aucAgagacgucgugggaacacggggugcc	1
Gi1_3971920_x7	.....cgucgugggaacacggggugccgaacu	0
Gi2_10514314_x7	.....agacgCcgugggaacacggggugcc	1
Gi1_3965662_x7	.....gggaacaccgAgugccgaacu	1
Gi2_10538695_x7	.....ugggaacaNggggugccg	1
Gi2_10531170_x7	.....aacacggggugccgUacu	1
Gi5_8527119_x7	.....gugggaacacggggugUcgaac	1
Gi3_27425382_x7	.....agacgucgugggaacacggggUaccgaac	1
Gi3_27396780_x7	.....caggccccgccCguacugcg	1
Gi3_27399965_x7	.....agagaagcNccgucagggccccgcc	1
Gi2_10504073_x7	.....gucagggccccgccaguacugcggaucggagacg	0
Gi3_27454187_x7	.....gggaacacggggugccAaa	1
Gi3_27403864_x7	.....ugggaacacgCggugccgaacu	1
Gi2_10534502_x7	.....gucagggccccgccaguacCgc	1
Gi2_10536266_x7	.....gGcgucgugggaacacggggugccgaac	1
Gi3_27405110_x7	.....ugggaacacgUggugccga	1
Gi4_526830_x7	.....Augggaaacacggggugccgaacu	1
Gi3_27418669_x7	.....Uccaguacugcggaucggag	1
Gi2_10503926_x7	.....aCgccccgccaguacugcga	1
Gi2_10499761_x7	.....gugggaaUacggggugccg	1
Gi2_10504367_x7	.....aucggagaNgcugugggaacacggggug	1
Gi2_10524261_x7	.....gucgugggaaAacggggugc	1
Gi3_27408351_x7	.....gacgucgugggaacacggggGgccgaac	1
Gi2_10530918_x7	.....guUgugggaacacggggugcc	1
Gi3_27392293_x7	.....gaacacggggUccgaacu	1
Gi3_27410962_x7	.....gugggUacacggggugccg	1
Gi1a_5698571_x7	.....Gcggagacgucgugggaacacggg	1
Gi2_10528888_x7	.....ggaaacacggggUccgaac	1
Gi4_527677_x7	.....gugggaacacggggugccg	0
Gi1_3966390_x7	.....ucgugggaacacggggUaccgaac	1
Gi3_27394925_x7	.....Cucggagacgucgugggaacacggg	1
Gi5_8505762_x7	.....Ugugggaacacggggugccgaac	1
Gi5_8513462_x7	.....gggaacacggggGgccgaac	1
Gi3_27404305_x7	.....ggUgacgucgugggaacacggggugcc	1
Gi3_27447005_x7	.....cgucgugggGacacggggugccga	1
Gi3_27454999_x7	.....ggGacacggggugccgaa	1
Gi1_3965186_x7	.....Gaggccccgccaguacugcg	1

Gi3_27400007_x7.....Ugucagggccccgccaguacugcg..... 1
 Gi5_8517704_x7.....caggccccgccGguacugcg..... 1
 Gi3_27397298_x7.....acgucgugggaGcacggggugccgaac..... 1
 Gi2_10539171_x7.....cguggCaacacggggugccgaacu..... 1
 Gi2_10501546_x7.....aucggagaUgucgugggaacacggggugc..... 1
 Gi3_27457015_x7.....Ucgccgucagggccccgccaguacugcg..... 1
 Gi3_27455986_x7.....acgGcugugggaacacggggugccgaacu..... 1
 Gi2_10533130_x7.....Gaggccccgccaguacug..... 1
 Gi2_10540690_x7.....ggcUccgccaguacugcgau..... 1
 Gi2_10525507_x7.....aggccccgccaguaAugcgau..... 1
 Gi5_8503242_x7.....gGucggagacgucgugggaacacgg..... 1
 Gi2_10518850_x7.....agGcugcugugggaacacggggugc..... 1
 Gi3_27384950_x7.....cgucguAggaacacggggugc..... 1
 Gi3_27451618_x7.....cgugggaacacggggugccUaac..... 1
 Gi1_3965557_x7.....gugggaacacggggugccgaUc..... 1
 Gi3_27380666_x7.....gGcaguacugcgauccggagacg..... 1
 Gi1_3971794_x7.....cgucguggNaacacggggugcc..... 1
 Gi3_27439466_x7.....gucgugggaUcacggggugccgaacu..... 1
 Gi4_529119_x7.....Uugggaacacggggugccgaac..... 1
 Gi3_27429540_x7.....gacgucguggggGcacggggugccgaac..... 1
 Gi2_10506257_x7.....Uaagagaagcgccgucagggccccg..... 1
 Gi3_27443911_x7.....ugggaacacggggUaccga..... 1
 Gi2_10505676_x7.....cgugUgaacacggggugccga..... 1
 Gi1_3971010_x7.....aggccccgccaguacugcU..... 1
 Gi2_10530456_x7.....aucggagacgucgugggaacacggggG..... 1
 Gi2_10500482_x7.....cccgccaguacugcgauccggagacgucgug..... 0
 G1a_5678145_x7.....gggaacGcggggugccgaacu..... 1
 Gi5_8519174_x7.....aaNacggggugccgaacu..... 1
 Gi3_27421420_x7.....ucggagacgucgugggaGcacggggU..... 1
 Gi3_27393378_x7.....cgggagacgCcgugggaacacggggugcc..... 1
 Gi5_8510375_x7uccuuaacucguuccgaaauaAgaagagaagc..... 1
 Gi1_3960118_x7.....gucgugggaacCcgggugccgaacu..... 1
 G1a_5683619_x7.....aGcggagacgucguggga..... 1
 Gi3_27449868_x7.....cgucgugggaacacggggugccAaac..... 1
 Gi2_10510744_x7.....uUcgauccggagacgucguggga..... 1
 Gi3_27430387_x7.....Gaggccccgccaguacugcgau..... 1
 Gi1_3969722_x7.....cgugggaacacggggugccU..... 1
 Gi3_27449630_x7.....auUggagacgucgugggaacacggggugc..... 1
 Gi5_8514470_x7.....cgucgugggaAacggggugccgaacu..... 1
 Gi3_27429743_x7.....aucggagacgucgugggUacacg..... 1
 Gi2_10506719_x7.....ugggaacacggggugcGgaacu..... 1
 Gi2_10525815_x7.....cGgucagggccccgccaguacugc..... 1
 Gi2_10538352_x7.....caggccccgccGguacugc..... 1
 Gi2_10506523_x7.....cgucaggcNccgccaguacugc..... 1
 Gi3_27395177_x7.....acgucguggUaacacggggugccgaacu..... 1
 Gi2_10506481_x7.....aucAgagacgucgugggaacacggggugc..... 1
 Gi2_10507188_x7.....Aucagggccccgccaguacugcg..... 1

Gi1_3962309_x7.....gacgucgugggaacacggggCgccgaacu..... 1
 Gi2_10511206_x7.....aCgccccgccaguacugcg..... 1
 Gi1_3963961_x7.....caggccccgccaguacugcAauc.....ugggaacacgggguAccgaacu..... 1
 Gi3_27385132_x7.....caggccccgccaguacugcAauc..... 1
 Gi2_10527509_x7.....cgugggCacacggggugcc..... 1
 Gi3_27379910_x7.....ugggaacacggggugcUg..... 1
 Gi2_10516505_x7.....cgucAugggaacacggggugc..... 1
 Gi5_8530598_x7.....uggCaacacggggugccgaacu..... 1
 Gi1_3972032_x7.....gGcgugggaacacggggugccgaac..... 1
 Gi2_10526879_x7.....cgucgugggaacacggggugccgaUc..... 1
 Gi3_27439403_x7.....aAcggagacgucgugggaacacgggg..... 1
 Gi3_27447761_x7.....uUcgaucggagacgucguggga..... 1
 Gi5_8521099_x7.....ugggaUcacggggugccgaacu..... 1
 Gl1a_5677165_x7.....ugcgauccggagacgucgugggaac..... 0
 Gi2_10511920_x7.....gaCcgagacgucgugggaacacgggg..... 1
 Gi3_27456301_x7.....cgugggaacacgggguAccg..... 1
 Gi3_27437849_x7.....gccgucaggccccgccaguUcugcg..... 1
 Gi3_27437604_x7.....ggaacacggggugccUaacu..... 1
 Gi3_27383137_x7.....cggagacgucgugggaacacggggCgcc..... 1
 Gi3_27406748_x7.....Ggagaagcgccgucaggccccgcc..... 1
 Gi3_27380631_x7.....gCccccgccaguacugcgauc..... 1
 Gi3_27402093_x7.....Gagcgccgucaggccccgccaguacugc..... 1
 Gi5_8505230_x7.....gaUcacggggugccgaac..... 1
 Gi1_3957458_x7.....Ggucaggccccgccaguacugc..... 1
 Gi3_27440558_x7.....aucggagacgucgugggaacacggAg..... 1
 Gi2_10540872_x7.....cCugggaacacggggugc..... 1
 Gi2_10539549_x7.....cgucgugAgaacacggggugccg..... 1
 Gi3_27452395_x7.....ugggaacacggAgugccga..... 1
 Gi5_8521442_x7.....agGcgucgugggaacacggggugccgaacu..... 1
 Gi5_8518502_x7.....gugggaacacggggugccgaCc..... 1
 Gi3_27387092_x7.....caggccccgccaAuacugcgauc..... 1
 Gi3_27395023_x7.....gaucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27446382_x7.....gaucggGgacgucgugggaacac..... 1
 Gi5_8516402_x7.....aucAgagacgucgugggaacacgg..... 1
 Gi5_8522737_x7.....gggaacacAgggugccgaac..... 1
 Gi3_27408190_x7.....Gcaggccccgccaguacugcga..... 1
 Gi2_10516995_x7.....Gcggagacgucgugggaaca..... 1
 Gi2_10499796_x7.....cgAcgugggaacacggggugccga..... 1
 Gi2_10507391_x7.....aucggagacgucgugggaacacggggGg..... 1
 Gi3_27429085_x7.....gaucggagNcgucgugggaacacgggg..... 1
 Gi3_27379175_x7.....cgucgugggaacacggCgugcc..... 1
 Gi2_10527628_x7.....aAgccccgccaguacugcg..... 1
 Gi5_8512349_x7.....gGgggaacacggggugccgaacu..... 1
 Gi3_27436575_x7.....aggccccgNcaguacugcgaucgg..... 1
 Gi2_10526949_x7.....aucggagGcgucgugggaacacggggug..... 1
 Gi3_27393707_x7.....gcUaguacugcgaucggagacguc..... 1
 Gi3_27395688_x7.....gugNgaacacggggugcc..... 1

Gi3_27442357_x7.....ugggaacacgggguAccgaa..... 1
 Gi1_3966278_x7.....aguacugcgaucggagacgucgCgggaac..... 1
 G1a_5680959_x7.....gGucggagacgucguggga..... 1
 Gi2_10502925_x7.....ggagacgCcgugggaacacggggugcc..... 1
 Gi5_8510991_x7.....gucgugggUacacggggugccgaacu..... 1
 Gi1_3970450_x7.....ucgugggaacacgggguAccgaacu..... 1
 Gi3_27449161_x7.....gugggCacacggggugccga..... 1
 Gi2_10519774_x7.....ggGgacgucgugggaacacggggugccgaac..... 1
 Gi1_3966873_x7.....acgucgugggaacacggggugccgaGcu..... 1
 Gi5_8504845_x7.....aGcggagacgucgugggaacacggggu..... 1
 Gi2_10516351_x7.....ucgugggaacacggggugUcgaac..... 1
 Gi3_27384117_x7.....ucguUggaacacggggugc..... 1
 Gi4_527852_x7.....gugggaGcacggggugccgaacu..... 1
 Gi3_27410451_x7.....gaucggagacgucgugggCacacg..... 1
 Gi3_27441594_x7.....aggccAcgccaguacugc..... 1
 Gi2_10517562_x7.....gUagacgucgugggaacacggggu..... 1
 Gi2_10533165_x7.....cggagacgucgugggaacacggggugUc..... 1
 Gi3_27419565_x7.....agcgcgucagggccccgccagC..... 1
 Gi5_8528575_x7.....ucgugggaaAacggggugccgaacu..... 1
 Gi2_10524065_x7.....Uaagagaagcggcugcagg..... 1
 G1a_5695911_x7.....aguacugcNaucggagacguc..... 1
 Gi2_10504682_x7.....cUccgucagggccccgccaguacu..... 1
 Gi3_27378468_x7.....ucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27435511_x7.....ggaaAacggggugccgaacu..... 1
 Gi3_27394834_x7.....cUggccccgccaguacugcga..... 1
 Gi2_10519718_x7.....cgugggUacacggggugccgaac..... 1
 Gi1_3970863_x7.....gugggaacacgUggugccgaacu..... 1
 Gi3_27398068_x7.....gucaggccNcgccaguacug..... 1
 Gi5_8510921_x7.....ucgugggUacacggggugccgaacu..... 1
 Gi3_27420258_x7.....Gguacugcgaucggagacguc..... 1
 Gi2_10499817_x7.....cgAcgugggaacacggggugccg..... 1
 Gi3_27425781_x7.....aucggagacgucgugggaaUacggggu..... 1
 Gi2_10500881_x7.....Ugagacgucgugggaacacggggugccgaacu..... 1
 Gi3_27416289_x7.....gugggaaGacggggugccgaac..... 1
 Gi3_27412271_x7.....cgucgugggaaAacggggugccgaacu..... 1
 Gi3_27379420_x7.....aucggagacgucgugggUacacggggu..... 1
 Gi3_27435791_x7.....aggccccgccaguCcuac..... 1
 Gi3_27428189_x7.....cgugggaCcacggggugcc..... 1
 Gi2_10515707_x7.....gGucggagacgucgugggaacacggggug..... 1
 Gi1_3971045_x7.....gugggaacacggCgugccgaacu..... 1
 Gi5_8515611_x7.....gacgucgugggaGcacggggugccgaacu..... 1
 Gi2_10523722_x7.....uAggaacacggggugccga..... 1
 Gi3_27436953_x7.....caggccccgccGguacugc..... 1
 Gi1_3959327_x7.....gugggaacacggggugccgaacG..... 1
 Gi3_27403668_x7.....agcgcgcuNaggccccgcc..... 1
 Gi3_27420391_x7.....Ucgaucggagacgucgugggaaaca..... 1
 Gi5_8505076_x7.....ugggaacacggggugccgGac..... 1

Gi1_3958683_x7	.....Ggugggaacacggggugccg	1
Gi4_527103_x7	.....cgugggaacacggggugccgaac	0
Gi2_10534817_x7	.....cggagacgNcgugggaacacggggugc	1
Gi1a_5678460_x7	.....gugggaaAacggggugccgaacu	1
Gi3_27387057_x7	.....agacgCcgugggaacacggggugccgaacu	1
Gi3_27439389_x7	.....cgugggaaUacggggugccga	1
Gi1_3960804_x7	.....cgccgucagccccccagucggaucgga	0
Gi1_3964353_x7	.....Ggucaggccccccagucggaucg	1
Gi2_10511248_x7	.....ugggaacacggggugAcgaacu	1
Gi5_8515184_x7	.....Ugagacgucgugggaacacggggugccgaacu	1
Gi3_27384859_x7	.....ccccgccGguacugcgauc	1
Gi3_27415645_x7	.....gacgucguNggaacacggggugccgaacu	1
Gi2_10520698_x7	.....aacacggggugccgaaAu	1
Gi2_10520376_x7	.....gucgugggaacGcggggugc	1
Gi2_10532479_x7	.....agggccccccagucgucg	1
Gi3_27383942_x7	.....cgucgugggaacacggggugccgG	1
Gi1a_5695925_x7	.....gugggaacNcggggugcc	1
Gi2_10534600_x7	.....gugggaacacggUgugccga	1
Gi1a_5677319_x7	.....gugggaacacggggugccgaaUu	1
Gi2_10527257_x7	.....gUccccgccagucggaucg	1
Gi5_8522170_x7	.....Uucaggccccccaguc	1
Gi3_27429064_x7	.....aucggagacgucAugggaacacggggu	1
Gi4_527439_x7	.....cUucgugggaacacggggugccga	1
Gi3_27444079_x7	.....gucgugggaacacggggugccgaaUu	1
Gi3_27428196_x7	.....ggccccgccagucggaCc	1
Gi5_8523241_x7	.....aGcggagacgucgugggaacacggggugc	1
Gi3_27431955_x7	.....Nugggaacacggggugccgaac	1
Gi2_10525885_x7	.....guUggaacacggggugccga	1
Gi3_27384446_x7	.....cAucgugggaacacggggugccg	1
Gi2_10531646_x7	.....gugggaacacAggggugccgaa	1
Gi5_8510760_x7	.....acgucgugggaacacggggugccAaacu	1
Gi3_27404816_x7	.....gCaacacggggugccgaa	1
Gi3_27438304_x7	.....gagaagcgccgucagggccccccagucggaucg	0
Gi3_27388583_x7	.....Agagacgucgugggaacacggggugcc	1
Gi3_27383802_x7	.....gaucggagacgCcgugggaacacggg	1
Gi2_10512284_x7	.....cgucgugggaacacggggGccgaaC	1
Gi3_27441475_x7	.....cgucgugggaacacgggAugcc	1
Gi3_27425578_x7	.....aucggagacgAucgugggaacacgg	1
Gi3_27449301_x7	.....cgucgugggaacacggggugccgC	1
Gi2_10536182_x7	.....Gagagaagcgccgucagggccc	1
Gi2_10514041_x7	.....cgugggaacacgUgggugc	1
Gi2_10517597_x7	.....gugggaacacggggugAcg	1
Gi2_10523435_x7	.....aacaAggggugccgaacu	1
Gi2_10517464_x7	.....Cgccccgccagucggauc	1
Gi2_10518192_x7	.....cgucgugggaacacggAgugccgaacu	1
Gi3_27457295_x7	.....gggaacacggAgugccgaa	1
Gi5_8523521_x7	.....aacacggggugAcgaacu	1

Gi3_27390368_x7.....ggagacgucgugggaaAacggggu..... 1
Gi2_10537316_x7.....cgucGggccccgccaguacugc..... 1
G1a_5687245_x7.....gugNgaacacggggugccgaacu..... 1
Gi1_3959026_x7.....ugggaacacgggCugccgaacu..... 1
Gi1_3968847_x7.....ggUgacgucgugggaacacggggugcc..... 1
Gi5_8504187_x7.....caggccccNccaguacugc..... 1
Gi3_27394435_x7.....cguAggaacacggggugcc..... 1
Gi1_3958389_x7.....cCucgugggaacacggggugccgaacu..... 1
Gi2_10533564_x7.....cgugUgaacacggggugc..... 1
Gi3_27419271_x7.....Aaucggagacgucgugggaacac..... 1
Gi2_10528748_x7.....cgugggGacacggggugc..... 1
Gi1_3963737_x7.....Cucgugggaacacggggugccgaacu..... 1
Gi2_10519809_x7.....cUaucggagacgucgugggaaca..... 1
G1a_5691137_x7.....aUuacugcgauccggagacgucgug..... 1
Gi2_10534250_x7.....ugcgauccggagacgucgugggaacacggggugc..... 0
Gi3_27394890_x7.....gaucggagaUgucgugggaacacg..... 1
Gi3_27395744_x7.....ggagacgucgugggaacacggggG..... 1
Gi2_10535776_x7.....cUucaggccccgccaguacugcgau..... 1
Gi1_3965543_x7.....cgucAugggaacacggggugccgaacu..... 1
Gi5_8523080_x7.....aacacggggugccgaGu..... 1
Gi3_27431612_x7.....gggaacacAgggugccgaa..... 1
Gi2_10523932_x7.....ggaacacggggugccgaUcu..... 1
Gi3_27430149_x7.....cguUggaacacggggugccgaac..... 1
Gi3_27390242_x7.....gugggaacacCgggugccgaac..... 1
Gi2_10517954_x7.....ucaggccccgccaguacugcgCuc..... 1
G1a_5681176_x7.....gugggaacacggggugAcgaacu..... 1
G1a_5691830_x7.....cggagacgucgugggaacacggggugcc..... 0
Gi2_10513964_x7.....cGguacugcgauccggagacguc..... 1
Gi2_10519564_x7.....cgugggaaGacggggugccgaacu..... 1
Gi2_10532906_x7.....acgucgugggaacacggggugcAgaacu..... 1
Gi5_8528533_x7.....ggaacacggggUccgaacu..... 1
Gi3_27390235_x7.....gugggaacacggggugccUa..... 1
Gi2_10499880_x7.....cgucgCgggaacacggggugcc..... 1
Gi1_3959369_x7.....gCgggaacacggggugcc..... 1
Gi1_3958837_x7.....gcgacgugagacgucgugggaacacggggugcc..... 0
Gi2_10511304_x7.....gucgugggaaUacggggugccgaacu..... 1
Gi3_27452990_x7.....gucgugggaCcacggggugccgaacu..... 1
Gi1_3960020_x7.....gGgacgucgugggaacacggggugcc..... 1
Gi5_8524011_x7.....aacacgggUugccgaacu..... 1
Gi2_10523064_x7.....caggccccgccCguacugcgau..... 1
Gi2_10508931_x7.....gucgugggaacacgggAugccgaacu..... 1
Gi2_10520929_x7.....cgucaggccccgccagCacugc..... 1
Gi5_8506329_x7.....ucgGgggaacacggggugccgaacu..... 1
Gi2_10517933_x7.....Gcggagacgucgugggaacacgggg..... 1
Gi3_27377817_x7.....acgucgugggaacacggggugccAaacu..... 1
Gi1_3972116_x7.....aUacgucgugggaacacggggugcc..... 1
Gi3_27378545_x7.....acgucgugggaacCggggugccgaac..... 1

Gi3_27398551_x7.....ucagAccccgccaguacugcgau..... 1
 Gi2_10527810_x7.....Ngugggaacacggggugccgaacu..... 1
 Gi5_8512720_x7.....cgucguggggaacacggggugcUgaacu..... 1
 Gi2_10499887_x7.....gGagcgccgucagggccc..... 1
 Gi5_8514267_x7.....Ucgucguggggaacacggggugccgaacu..... 1
 G1a_5683395_x7.....aGcggagacgucguggggaacacggggugcc..... 1
 Gi3_27400826_x7.....gGcaguacugcgauccggagacgu..... 1
 Gi3_27380029_x7.....Gccgccaguacugcgauccgga..... 1
 Gi3_27443043_x7.....Gcgccaguacugcgauccggagac..... 1
 Gi2_10514055_x7.....cggGgacgucguggggaacacggggugccgaacu..... 1
 Gi2_10502162_x7.....ggUaacacggggugccgaa..... 1
 Gi2_10530610_x7.....gucgugggCacacggggugccgaacu..... 1
 Gi3_27430072_x7.....aggccccgcUaguacugcg..... 1
 Gi2_10539871_x7.....uggAaacacggggugccgaac..... 1
 Gi2_10519298_x7.....aucggagacgucAuggggaacacggggugcc..... 1
 Gi2_10503191_x7.....caggccccAccaguacugc..... 1
 G1a_5699117_x7.....ggagacgucguggggaacacggggugccgaacu..... 0
 Gi3_27392209_x7.....cGccgccaguacugcgau..... 1
 Gi2_10537190_x7.....uGuggggaacacggggugccg..... 1
 Gi5_8515023_x7.....cgucAuggggaacacggggugccgaacu..... 1
 Gi3_27396402_x7.....Ggacgucguggggaacacggggugcc..... 1
 Gi2_10506264_x7.....Gccgccaguacugcgauccggag..... 1
 Gi2_10540431_x7.....acgucguggggaacGcggggugccgaac..... 1
 Gi3_27449665_x7.....cgugggaacacggggGgcc..... 1
 G1a_5691361_x7.....Ucgauccggagacgucgug..... 1
 Gi3_27390298_x7.....aucggagacgAcguggggaacacggg..... 1
 Gi2_10512683_x7.....aucggUgacgucguggggaacacgggg..... 1
 Gi5_8518236_x7.....gucguggggaacacggggugccgaaAu..... 1
 Gi2_10513229_x7.....Accccgccaguacugcgau..... 1
 Gi3_27443379_x7.....gUgaagcgccgucagggccccgc..... 1
 Gi2_10530722_x7.....aGgucguggggaacacggggugc..... 1
 Gi3_27409590_x7.....cgugggaacacggAgugccgaa..... 1
 G1a_5700650_x7.....cgugggaacGcggggugccgaacu..... 1
 Gi5_8509857_x7.....Auggggaacacggggugccgaacu..... 1
 Gi5_8510431_x7.....aggccccgccCguacugcgau..... 1
 Gi2_10500685_x7.....ggaacacggggugAcgaa..... 1
 Gi3_27451576_x7.....Gagagaagcgccgucagggccccgc..... 1
 Gi3_27436050_x7.....gauccggagacgucgCgggaacacgggg..... 1
 Gi3_27449637_x7.....aucggagacAucguggggaacacggggugcc..... 1
 Gi2_10505228_x7.....aCgggagacgucguggggaaca..... 1
 Gi1_3963422_x7.....ugggaCcacggggugccgaacu..... 1
 Gi2_10499824_x7.....acgucguggggaacGcggggugccgaacu..... 1
 Gi3_27387834_x7.....acguUguggggaacacggggugccgaacu..... 1
 Gi3_27386770_x7.....ucggGgacgucguggggaacac..... 1
 Gi3_27395065_x7.....cgucgugggGacacggggugcc..... 1
 Gi5_8524473_x7.....Uagaagcgccgucagggccccgccaguacug..... 1
 Gi2_10538674_x7.....gugggaacacggggugccAaa..... 1

Gi5_8528022_x7.....ggaacacggggugUcgaacu..... 1
 Gi3_27378503_x7.....ugggaaAacggggugccgaac..... 1
 Gi5_8521302_x7.....gaaacacggggugccgaUc..... 1
 Gl1a_5701105_x7.....ucggagacgucgugggaaacacggggugcc..... 0
 Gi3_27440229_x7.....agggcccgccGguacugcga..... 1
 Gl1a_5696730_x7.....aucggagacgucgGgggaacacggg..... 1
 Gi3_27437142_x7.....cgucgugggaacacggggGgccgaa..... 1
 Gi2_10534992_x7.....cgugggaacaGggggugccgaacu..... 1
 Gi3_27399517_x7.....aucggagGcgucgugggaacac..... 1
 Gi5_8505440_x7.....aCacgucgugggaaacacggggugccgaacu..... 1
 Gi5_8505279_x7.....agagaagcgccgucagggcccgccaguacugc..... 0
 Gi1_3966040_x7.....gugggaacacggggGgccgaac..... 1
 Gi3_27445423_x7.....aucgAagacgucgugggaacacgg..... 1
 Gi3_27396871_x7.....cgucguggAaacacggggugccg..... 1
 Gi3_27411970_x7.....gCgaacacggggugccgaa..... 1
 Gi3_27403556_x7.....Gcggagacgucgugggaacacggg..... 1
 Gi3_27407112_x7.....gaucggGgacgucgugggaacacggg..... 1
 Gi2_10523330_x7.....ccccUccaguacugcgauc..... 1
 Gi1_3965795_x7.....ggaacacgAgggugccgaacu..... 1
 Gi3_27393371_x7.....aucggagacgucguggCaacacggg..... 1
 Gi2_10519914_x7.....gucgugggaGcacggggugccgaac..... 1
 Gi3_27441741_x7.....Ugugggaacacggggugccg..... 1
 Gi5_8524004_x7.....ugggaacacggggugccgaGc..... 1
 Gi2_10522560_x7.....cggagacgucgCgggaacacggggugcc..... 1
 Gi1_3973768_x7.....Gcugggaacacggggugc..... 1
 Gi2_10502323_x7.....cgugggaacacAgggugcc..... 1
 Gi3_27398187_x7.....ccccgccagCacugcgauc..... 1
 Gi5_8504880_x7.....GcgaucggGgacgucgugggaacacggggugc..... 1
 Gi2_10515490_x7.....gcaucggGgacgucgugggaacacggggugc..... 1
 Gi2_10534166_x7.....aggccUcggcaguacugcga..... 1
 Gi3_27395513_x7.....cggagacgucgCgggaacacggggugcc..... 1
 Gi3_27416121_x7.....gucgugggaacacggggugccgUacu..... 1
 Gi2_10509197_x7.....gugggaacaAggggugcc..... 1
 Gi5_8541745_x6.....cgugAgaacacggggugccgaac..... 1
 Gl1a_5711662_x6.....ugggaacCcggggugccgaacu..... 1
 Gi1_3976885_x6.....gaaCcggggugccgaacu..... 1
 Gi3_27547750_x6.....caggccccccaUuacugcgauc..... 1
 Gi3_27496432_x6.....gaucggagacgucAugggaacacggggu..... 1
 Gi3_27465184_x6.....aAacgucgugggaacacggggugccgaacu..... 1
 Gi2_10575983_x6.....ugggaacacggggugcUgaac..... 1
 Gi1_3985951_x6.....ggaacacgNgggugccgaac..... 1
 Gi1_3989227_x6.....gUagacgucgugggaacacggggugccgaacu..... 1
 Gi3_27477304_x6.....aucggagacgucgugggUacacggggugcc..... 1
 Gi2_10550141_x6.....cUaucggagacgucgugggaacacggggugc..... 1
 Gi5_8547301_x6.....acgucgugggaacacgAgggugccgaacu..... 1
 Gi1_3981643_x6.....cggagacgucgCgggaacacggggugccgaacu..... 1
 Gi3_27505126_x6.....cGcgccaguacugcgaucgg..... 1

Gi3_27522616_x6.....agggccccgUguacugc..... 1
Gi3_27493588_x6.....aucggagacgucgugggG..... 1
Gi3_27546808_x6.....aucggagacgCcgugggaacacgggg..... 1
Gi3_27526510_x6.....gGcgugggaacacggggugccg..... 1
Gi5_8534191_x6.....aucggagacgucgugggaGcacgg..... 1
Gi3_27487138_x6.....gaacacggggAgccgaac..... 1
Gi1_3974473_x6.....gugNgaacacggggugccgaacu..... 1
Gi2_10554899_x6.....ucgugggaaUacggggugccgaacu..... 1
Gi3_27511954_x6.....ugggUacacggggugccgaa..... 1
Gi2_10575809_x6.....gaucggagGcgucgugggaacacggg..... 1
Gi5_8542339_x6.....agacgAcgugggaacacggggugcc..... 1
Gi2_10562195_x6.....Ggucagggccccgccaguacug..... 1
Gi3_27528130_x6.....caggccccgUguacugcgau..... 1
Gi3_27501550_x6.....aGgagaagcgccgucaggcccc..... 1
Gi2_10554287_x6.....cUccaguacugcgauccggagacgu..... 1
Gi2_10590719_x6.....agggccccgccaguacugcAaucgga..... 1
G1a_5724268_x6.....gGagcgccgucaggccccgcca..... 1
Gi3_27468862_x6.....aggccccAccaguacugcg..... 1
Gi2_10564283_x6.....gaacacggggugccgaGc..... 1
Gi3_27542548_x6.....cagAccccgccaguacugcgau..... 1
Gi3_27497632_x6.....gUucggagacgucgugggaacacg..... 1
Gi3_27512296_x6.....cAugggaacacggggugccg..... 1
Gi2_10564637_x6.....ugggaaUacggggugccgaac..... 1
Gi5_8551477_x6.....gaacacggCgugccgaacu..... 1
Gi5_8531173_x6.....gugggaacacggAgugccgaac..... 1
Gi3_27523498_x6.....gacgucgugggaGcacgggu..... 1
Gi1_3981397_x6.....Ugucgugggaacacggggugccgaacu..... 1
G1a_5708002_x6.....aaUacggggugccgaacu..... 1
Gi3_27497932_x6.....aucggagacgucgugggaaUacgg..... 1
Gi3_27543592_x6.....ccaguacugcgauccggGgacguc..... 1
Gi3_27512932_x6.....gccccgccaguacugcgGuc..... 1
Gi3_27536296_x6.....aggAccccgccaguacugcgau..... 1
G1a_5722708_x6.....ugggaacacgAggugccgaacu..... 1
Gi2_10562627_x6.....uGggagacgucgugggaaca..... 1
Gi2_10551251_x6.....gaucggagacgucgugggaacaA..... 1
Gi5_8555041_x6.....gugggaacGcggggugccga..... 1
Gi3_27493432_x6.....gacguUgugggaacacggggugccgaacu..... 1
Gi3_27460522_x6.....aucggagacgucgugggaacacAggg..... 1
Gi1_3979159_x6.....ucgugggaacCcgggugcc..... 1
Gi3_27540322_x6.....ucgugggaacacggggGgc..... 1
Gi1_3990775_x6.....ucgugggaGcacggggugccgaac..... 1
Gi3_27526900_x6.....acgucuggAaacacggggugccgaac..... 1
Gi2_10578701_x6.....Agucgugggaacacggggugccgaacu..... 1
Gi2_10554323_x6.....cUgucagggccccgccaguacugcg..... 1
Gi3_27467758_x6.....gucgugggaacCcgggugccga..... 1
Gi2_10562999_x6.....cgucgugggaacacggAgugccg..... 1
Gi2_10585547_x6.....agacgucgugggaacacggggugAc..... 1

Gi2_10576853_x6.....gccccgccaguacugcgaCc..... 1
Gi3_27517228_x6.....cgagacgucgugggaaAacggggu..... 1
Gi4_532059_x6.....gugggaacacggggugccgCacu..... 1
Gi2_10569599_x6.....gGacugcgauccggagacgu..... 1
Gi3_27474820_x6.....ugggaaGacggggugccgaacu..... 1
Gi3_27493138_x6.....Cgggagacgucgugggaaacacggg..... 1
Gi2_10548629_x6.....ccccccagNacugcgauccggagac..... 1
Gi2_10574543_x6.....gugggaacaUggggugccgaa..... 1
Gi3_27547426_x6.....caggccccgAcaguacugcgaucc..... 1
Gi5_8533993_x6.....acgucgugggaaacacggggugccgaaUu..... 1
Gi2_10575245_x6.....caggccccgccaguacuAcgaucc..... 1
Gi2_10562321_x6.....ugggaaacacggggugccUaacu..... 1
Gi5_8540611_x6.....cUgagacgucgugggaaacacgg..... 1
Gi3_27483658_x6.....gUccccgccaguacugcgauccgga..... 1
Gi5_8557087_x6.....ggaGcacggggugccgaa..... 1
Gi3_27469402_x6.....cgccaguacugcgauccggagGcguc..... 1
Gi2_10578215_x6.....Aggagacgucgugggaaacacggggugcc..... 1
Gi3_27502330_x6.....agacgucgugggaaacacggggugccgaa..... 1
Gi3_27485302_x6.....cUccaguacugcgauccggagacgucgu..... 1
Gi5_8550457_x6.....aucggagacgucgugggaaacacggggC..... 1
Gi2_10566401_x6.....cgucgugggaaacacggggCgc..... 1
Gi1_3984439_x6.....ucguggAaacacggggugccgaa..... 1
Gi3_27511186_x6.....gccaguacNcgauccggagacguc..... 1
Gi3_27480340_x6.....cguggCaacacggggugccgaa..... 1
Gi1_3976117_x6.....ugggaaacacggggugccgUacu..... 1
Gi1_3977677_x6.....ugggaaacacAgggugccgaa..... 1
Gi3_27484702_x6.....Ucgccgucagggccccgccaguacug..... 1
Gi3_27535054_x6.....aCgccccgccaguacugcgau..... 1
Gi1_3982171_x6.....gugggGaacacggggugccg..... 1
Gi2_10565585_x6.....cgccaguaNugcgauccggagacguc..... 1
Gi3_27516532_x6.....agAccccgccaguacugcg..... 1
Gi2_10569497_x6.....Cccaguacugcgauccggagacguc..... 1
Gi3_27493522_x6.....agUcgcgugggaaacacggggugcc..... 1
Gi5_8539555_x6.....ggaacacggggGccgaa..... 1
G1a_5721892_x6.....cguggaaacacggggugUcgaacu..... 1
Gi1_3988375_x6.....ugggaaacacggggugcGgaacu..... 1
Gi2_10571207_x6.....agacUucgugggaaacacggggugcc..... 1
Gi2_10559363_x6.....gaucggagacgucgugggaaGcacggggu..... 1
Gi3_27464242_x6.....cgagacgucgugggaaacacggggugUc..... 1
Gi2_10541927_x6.....ucguAggaaacacggggugccgaa..... 1
Gi3_27523294_x6.....gaucggagacgucgugggaaacGcg..... 1
Gi5_8551723_x6.....gugggaaacacggggugccgaaGu..... 1
Gi2_10560269_x6.....aggccccgccaguacugUga..... 1
Gi3_27466288_x6.....gggaaGacggggugccgaa..... 1
Gi3_27490450_x6.....cgccaguacCgcaucggagacguc..... 1
Gi2_10579025_x6.....aucggagacgucgugggGac..... 1
Gi3_27503380_x6.....ugggaaUacggggugccgaa..... 1

Gi3_27479794_x6.....cgugggCacacggggugc..... 1
 Gi3_27538000_x6.....aucggagacgucgugggaacaUgg..... 1
 Gi5_8540359_x6.....cgucaggccccgccUguacugcg..... 1
 Gi5_8546665_x6.....Augggaaacacggggugccg..... 1
 Gi2_10588337_x6.....caggccccgAcaguacugcgauc..... 1
 Gi2_10588511_x6.....aGcggagacgucgugggaacacgg..... 1
 Gi3_27527968_x6.....cGccgccaguacugcgaucggagacgu..... 1
 Gi2_10549661_x6.....aacacggggugccgaacG..... 1
 G1a_5706724_x6.....aUagaagcgccgucaggccccgc..... 1
 Gi2_10577843_x6.....aUuacugcgaucggagacgucgug..... 1
 Gi3_27471202_x6.....cgucgugggUacacggggugccgaac..... 1
 Gi3_27511516_x6.....gaGcggagacgucgugggaacacggg..... 1
 Gi2_10570871_x6.....Aaucggagacgucgugggaacacggggugc..... 1
 Gi4_532527_x6.....caguacugcgaucggagacguc..... 0
 Gi2_10589231_x6.....gacgucgugggaacacggggGgcc..... 1
 Gi2_10553333_x6.....ggUgacgucgugggaacacggggug..... 1
 Gi5_8540473_x6.....ugcgaucgNagacgucgug..... 1
 Gi5_8541691_x6.....Agugggaacacggggugccgaac..... 1
 Gi2_10565039_x6.....aacUcggggugccgaacu..... 1
 Gi2_10580633_x6.....cGgccccgccaguacug..... 1
 Gi2_10580999_x6.....acgucgugggaacacggggugccgGacu..... 1
 Gi1_3993463_x6.....caggccccgccaAuacugcg..... 1
 Gi2_10558253_x6.....gaucggagacgCcgugggaacac..... 1
 G1a_5710792_x6.....guacugcgaucggagacgucgugggaaca..... 0
 Gi2_10557791_x6.....uUaggccccgccaguacugc..... 1
 G1a_5710138_x6.....cgugggaacacggggugccAaacu..... 1
 Gi1_3991477_x6.....ucgugggUacacggggugccgaacu..... 1
 Gi3_27531526_x6.....agUagcgccgucagggccc..... 1
 Gi2_10579931_x6.....aucggagacgucgugggaacCc..... 1
 G1a_5726194_x6.....cgccaguacugcgGucggagacguc..... 1
 Gi5_8535733_x6.....Gucggagacgucgugggaacacggg..... 1
 Gi3_27491830_x6.....acugcgauNggagacgucgug..... 1
 Gi2_10556561_x6.....ugggaGcacggggugccg..... 1
 Gi2_10556903_x6.....gggaacacNgggugccgaa..... 1
 Gi1_3983515_x6.....ggaacGcggggugccgaac..... 1
 Gi3_27502708_x6.....gucgugggaacaAggggugccgaacu..... 1
 Gi2_10571087_x6.....gugggaacacggggugcAg..... 1
 Gi5_8534755_x6.....gAaacacggggugccgaac..... 1
 Gi2_10547999_x6.....gaucggagacgCcgugggaacacggggu..... 1
 Gi3_27507958_x6.....ugggaacacgAggugccga..... 1
 Gi3_27515362_x6.....ucagUccccgccaguacugcgauc..... 1
 Gi2_10579721_x6.....cgucgugggaacacggggAgccgaacu..... 1
 Gi5_8552443_x6.....gugggaacacggggGgccgaa..... 1
 Gi2_10566179_x6.....gucaggccccgccaguacCgcg..... 1
 Gi5_8558617_x6.....uggUaacacggggugccgaacu..... 1
 Gi2_10550303_x6.....gGucggagacgucgugggaacacggggugc..... 1
 Gi3_27487522_x6.....ucaggccccgccCguacugcg..... 1

Gi5_8541655_x6.....gugggaacacggggugccgaaA..... 1
Gi2_10571309_x6.....gaucggagGcugcuggggaacacggggu..... 1
Gi3_27490378_x6.....Cccaguacugcgaucggagacguc..... 1
Gi2_10571579_x6.....caggcccUgccaguacugc..... 1
Gi1_3977089_x6.....acgucgugggaacCcggggugccgaacu..... 1
Gi3_27469666_x6.....gaagagaaNcgccgucaggccc..... 1
Gi2_10582457_x6.....gaucggagacgucgugggCacacggggugc..... 1
Gi3_27544666_x6.....gaucggGgacgucgugggaacacggggu..... 1
Gi2_10578095_x6.....cUaucggagacgucgugggaacacggggug..... 1
Gi3_27487342_x6.....aucggagacgucgugggaacacgC..... 1
Gi2_10546115_x6.....aagagGagcgccgucaggccc..... 1
Gi3_27488950_x6.....cGaguacugcgaucggagacgucgug..... 1
Gi2_10554005_x6.....aggccccgccaguGcugc..... 1
Gi5_8550733_x6.....cUugggaacacggggugccgaacu..... 1
Gi2_10575371_x6.....gacgucgugggaacacggggugccgCacu..... 1
Gi5_8547823_x6.....gugggaacacggggUAccgaac..... 1
Gi2_10582967_x6.....ggagacgucgugggaacacAgggugcc..... 1
Gi4_530985_x6.....gGaaagcgcgucaggcc..... 1
Gi2_10557551_x6.....gucgugggaacacggggUAccgaacu..... 1
Gi3_27544822_x6.....aucggagacgucgugggaacacgAggu..... 1
Gi5_8555653_x6.....cGggccccgccaguacugc..... 1
Gi2_10549181_x6.....caggccccNccaguacugcgau..... 1
Gi3_27480124_x6.....gagacgucgugggaacacggggGgccgaacu..... 1
Gi3_27475786_x6.....agUagcgccgucaggccccgcca..... 1
Gi3_27527686_x6.....gccaguGcugcgaucggagacguc..... 1
Gi2_10571351_x6.....ggaacacggggugccgaG..... 1
Gi3_27516724_x6.....ucaggccccgccaguacugcgCuc..... 1
Gi5_8556715_x6.....gaacacggggUcCgaacu..... 1
Gi2_10573589_x6.....aGcggagacgucgugggaacacgggg..... 1
Gi1a_5721412_x6.....cGcgccaguacugcgaucggagacguc..... 1
Gi3_27499600_x6.....gucguggAaacacggggugccgaac..... 1
Gi2_10585091_x6.....Ggacgucgugggaacacggggugccg..... 1
Gi2_10559723_x6.....ggagacgucguAggaacacggggugcc..... 1
Gi2_10543289_x6.....gggaUcacggggugccgaacu..... 1
Gi3_27531970_x6.....Cccccgccaguacugcgau..... 1
Gi2_10570403_x6.....agacgucgugggaacacggggGgccgaacu..... 1
Gi2_10580081_x6.....gucgugggaacacggggugcAgaacu..... 1
Gi2_10551683_x6.....cgucguggGacacggggugcc..... 1
Gi3_27542626_x6.....Ucgaucggagacgucgugggaacacggggugcc..... 1
Gi5_8549365_x6.....aGcggagacgucgugggaacacgggg..... 1
Gi3_27512758_x6.....cgucgugggaacCcggggugc..... 1
Gi2_10563827_x6.....caUgccccgccaguacugc..... 1
Gi2_10563983_x6.....aucggagacgucGgggaacac..... 1
Gi2_10582583_x6.....gaacCcggggugccgaacu..... 1
Gi3_27536602_x6.....ggccccgccaguacugcgGuc..... 1
Gi3_27478432_x6.....gaucggagacgucgugggaacCcg..... 1
Gi5_8546407_x6.....cgugggaacacggggugccgaaGu..... 1

Gi2_10584983_x6.....Gcgugggaacacggggugccgaa..... 1
 Gi5_8562745_x6.....uGggagacgucgugggaacacg..... 1
 Gi2_10572743_x6.....gugggaacacggAgugccga..... 1
 Gi5_8549617_x6.....gugCgaacacggggugccgaacu..... 1
 Gi2_10580105_x6.....Caucggagacgucgugggaacac..... 1
 Gi3_27491578_x6.....ucgugggaNcacggggugccgaa..... 1
 Gi5_8558239_x6.....aucggagacgucgugggaCcacg..... 1
 Gi3_27507244_x6.....Aaucggagacgucgugggaacacg..... 1
 Gi3_27494734_x6.....gGcgugggaacacggggg..... 1
 Gi3_27548944_x6.....ugggaacacgggUugccg..... 1
 Gi2_10546925_x6.....gGcgucgugggaacacggggugccg..... 1
 Gi3_27471448_x6.....gaucggagacgucgugggGacac..... 1
 Gi3_27494404_x6.....ggaCcacggggugccgaac..... 1
 Gi3_27522190_x6.....Gguacugcgauccggagacgucg..... 1
 Gi3_27499240_x6.....Uucggagacgucgugggaacacg..... 1
 Gl1_5721466_x6.....Gggccccgccaguacugc..... 1
 Gi3_27484510_x6.....gugggaacacggggugccgCa..... 1
 Gi3_27511768_x6.....aggccccgccaguacuCcgau..... 1
 Gi3_27534112_x6.....caggccccgcUaguacugc..... 1
 Gi3_27472708_x6.....caggccccgccaguacuAcgau..... 1
 Gi1_3974755_x6.....cUgagacgucgugggaacacggg..... 1
 Gi1_3986305_x6.....gugggaacacggggGgccgaacu..... 1
 Gi1_3976327_x6.....ggaaGacggggugccgaacu..... 1
 Gi2_10561379_x6.....cguCggaacacggggugccgaacu..... 1
 Gi2_10567859_x6.....Aaucggagacgucguggga..... 1
 Gi1_3992575_x6.....Cgaacacggggugccgaac..... 1
 Gi3_27458512_x6.....gcUccgccaguacugcga..... 1
 Gi2_10544789_x6.....guUaggccccgccaguacugc..... 1
 Gi2_10561955_x6.....gCccccgccaguacugcgauc..... 1
 Gi2_10574801_x6.....Gucggagacgucguggga..... 1
 Gi2_10580141_x6.....ggaacacggggugccgUac..... 1
 Gi3_27492718_x6.....aucggagacgucgugggaacacggggugcU..... 1
 Gl1_5721430_x6.....gaagagaagcgccgucaggccccgccagu..... 0
 Gi5_8561431_x6.....acguUgugggaacacggggugccgaacu..... 1
 Gl1_5715958_x6.....cgucGggccccgccaguacugc..... 1
 Gi3_27547618_x6.....caggccccAccaguacugc..... 1
 Gi3_27517822_x6.....ucgugggaacacUgggugccgaac..... 1
 Gi3_27458284_x6.....ucaggccccgccGguacugc..... 1
 Gi1_3979669_x6.....gucgugggaacacAgggugccgaacu..... 1
 Gi1_3988213_x6.....Ggugggaacacggggugccgaac..... 1
 Gi1_3984631_x6.....ggAaacacggggugccgaacu..... 1
 Gi5_8543407_x6.....gAgggaacacggggugccgaa..... 1
 Gi3_27521188_x6.....agacgucgNgggaacacggggugcc..... 1
 Gi2_10569095_x6.....gucgugggGacacggggugcc..... 1
 Gi2_10557629_x6.....Uggccccgccaguacugc..... 1
 Gi3_27548320_x6.....ggaacaAggggugccgaac..... 1
 Gi2_10561415_x6.....gacgucgugggaGcacggggugcc..... 1

Gi3_27485512_x6.....ucgugggaacacggggGgc..... 1
 Gi3_27490684_x6.....gccccgccaguacugcgGu..... 1
 Gi2_10576733_x6.....cggagacgucgugggaacacggggAcc..... 1
 Gi2_10569065_x6.....aucggagacgucguAggaacacggggugc..... 1
 Gi2_10571513_x6.....ccgucaggNccccgccaguacugcg..... 1
 Gi3_27533218_x6.....cgucgugAgaacacggggugc..... 1
 Gi3_27542440_x6.....aucggagacgucgCgggaacacgg..... 1
 Gi1_3990199_x6.....acgucgugggaCcacggggugccgaacu..... 1
 Gi5_8535337_x6.....ggaacacggggugccgCac..... 1
 Gl1_5723602_x6.....gugggaGcacggggugccgaac..... 1
 Gi2_10563743_x6.....gaucUgagacgucgugggaacacgggg..... 1
 Gi3_27513154_x6.....gccgucagNccccgccaguacugcg..... 1
 Gl1_5723032_x6.....gugggaacacgUggugccgaacu..... 1
 Gi3_27487378_x6.....acgucgugggaacacggggugUcgaacu..... 1
 Gi3_27462742_x6.....gaucggagacgucgugggaGcacgggg..... 1
 Gi5_8533471_x6.....gggaacacUgggugccgaacu..... 1
 Gi5_8548681_x6.....cgugggaacacggggugccgaa..... 0
 Gi1_3991861_x6.....aUgccccgccaguacugcgauccg..... 1
 Gi2_10561931_x6.....aucggagacgucgugggaacCcggggugcc..... 1
 Gi3_27507490_x6.....aucggagUcgucgugggaacacg..... 1
 Gi2_10576529_x6.....aucggagacgucgugggaacGcggg..... 1
 Gi2_10579637_x6.....gaUcacggggugccgaac..... 1
 Gi2_10573097_x6.....ucUggccccgccaguacugc..... 1
 Gi2_10571057_x6.....gugggaacacggggugUcg..... 1
 Gl1_5711182_x6.....gaucggagacgucgugggaacacgggAugcc..... 1
 Gi3_27498388_x6.....gUagacgucgugggaacacgggg..... 1
 Gi2_10569881_x6.....cgugggaCcacggggugcc..... 1
 Gi2_10545527_x6.....aucggagacgucgugggGacacggggug..... 1
 Gi2_10586219_x6.....Ggagaagcgccgucagggccccgc..... 1
 Gi5_8550385_x6.....gggaacacggggugccgUacu..... 1
 Gi3_27471274_x6.....cgucaggcccUgccaguacugc..... 1
 Gi3_27462730_x6.....ggagacgucgugggaacacggggugccA..... 1
 Gi3_27466138_x6.....aUaagcgccgucagggccccgccaguacu..... 1
 Gi5_8560801_x6.....Gcgucgugggaacacggggugccgaac..... 1
 Gi3_27487468_x6.....aacacgCggugccgaacu..... 1
 Gi3_27485446_x6.....cguAggaacacggggugccg..... 1
 Gi1_3989155_x6.....ucguUggaacacggggugccgaac..... 1
 Gi2_10577405_x6.....ggUacacggggugccgaa..... 1
 Gi5_8562079_x6.....acgucgugAgaacacggggugccgaacu..... 1
 Gi3_27491686_x6.....cucguuccgaauuaggaagagaagcgccgu..... 0
 Gi2_10560017_x6.....ucgugggaacacggggugccAaac..... 1
 Gi3_27538042_x6.....gGagagaagcgccgucagggccccgcc..... 1
 Gi3_27510220_x6.....aucggagacgucgugggaaAacgg..... 1
 Gi5_8545657_x6.....ucgugggaacacggggugccgUacu..... 1
 Gi2_10553609_x6.....aggccccAccaguacugc..... 1
 Gi2_10566221_x6.....acgucgCgggaacacggggugccgaacu..... 1
 Gi2_10577465_x6.....aUaagcgccgucagggccccgccagu..... 1

Gi1_3991903_x6.....Gucggagacgucgugggaacacggggu..... 1
 Gi3_27527092_x6.....aucggUgacgucgugggaacacg..... 1
 G1a_5707936_x6.....Aagaagcgcgcgucaggccc.....agacgucgugggaacacggggugccgaacu..... 0
 Gi3_27508012_x6.....Aagaagcgcgcgucaggccc..... 1
 Gi3_27458458_x6.....aucAgagacgucgugggaacac..... 1
 Gi3_27470668_x6.....cccgccaguacCgcgaucggagacguc..... 1
 Gi2_10570781_x6.....ucUugggaacacggggugccgaac..... 1
 Gi5_8545945_x6.....ugggaacaNggggugccgaa..... 1
 Gi2_10541315_x6.....Auacugcgaucggagacguc..... 1
 Gi2_10579325_x6.....gggaacacgggguAccgaac..... 1
 Gi3_27544960_x6.....gucagggcccgcagucCugc.....cgucgugggaacacggggugccgaCc..... 1
 Gi3_27479290_x6.....gucagggcccgcagucCugc..... 1
 Gi3_27523858_x6.....Aaggccccgcagucggauc..... 1
 Gi5_8537095_x6.....aUacgucgugggaacacggggugcc..... 1
 Gi4_530697_x6.....gugggaacacggggugccga..... 0
 Gi1_3985537_x6.....ucgugggaacacggggugccgaaAu..... 1
 Gi2_10552991_x6.....cgucgugggaCcacggggugccgaacu..... 1
 Gi2_10569377_x6.....cgucgugggaAacggggugccgaacu..... 1
 Gi3_27481510_x6.....ggCacacggggugccgaacu..... 1
 G1a_5713036_x6.....gugggaacacggggugCggaacu..... 1
 Gi3_27545260_x6.....Gcgccaguacugcgaucgg..... 1
 Gi2_10560203_x6.....ccccgcagucgucggaucgg..... 1
 G1a_5706094_x6.....ugggaacacgggUugccgaacu..... 1
 Gi2_10588295_x6.....gucgugggNacacggggugccga..... 1
 Gi5_8548825_x6.....gggaacacCgggugccgaacu..... 1
 Gi3_27499204_x6.....caggccccgUcaguacugc..... 1
 G1a_5715988_x6.....Uaagcgcgcgucaggccccgcaguc..... 1
 Gi3_27514996_x6.....aggGcccgcagucggaucg..... 1
 Gi5_8559457_x6.....cgucgugggaacacgggAugccgaacu..... 1
 Gi3_27549022_x6.....gggaacacggggugcUgaa..... 1
 Gi3_27506236_x6.....aUgccccgcagucggaucggagac..... 1
 Gi2_10590419_x6.....aCgccccgcagucggaucgga..... 1
 Gi3_27470818_x6.....ucagggcccgcagucCgcgauc..... 1
 Gi2_10574621_x6.....caggccccgcagucggaucggaU..... 1
 Gi5_8559145_x6.....cUucgugggaacacggggugcc..... 1
 Gi3_27479890_x6.....gccagucggaucggaucggaGcuc..... 1
 Gi2_10546451_x6.....cAucgugggaacacggggugcc..... 1
 Gi2_10560929_x6.....caggccccgcagucggaucggaucgga..... 0
 Gi2_10567565_x6.....ugggaGcacggggugccgaa..... 1
 Gi3_27544720_x6.....aggccUcgcagucggaucg..... 1
 Gi3_27471334_x6.....gggaacacgUggugccgaac..... 1
 Gi3_27472924_x6.....ugggaCcacggggugccga..... 1
 Gi2_10561175_x6.....aacacggggugccgaaGu..... 1
 Gi2_10564715_x6.....aucgUagacgucgugggaaca..... 1
 Gi3_27466534_x6.....Ugucgugggaacacggggugccga..... 1
 Gi5_8534647_x6.....gUccccgcagucggaucgga..... 1
 Gi3_27517702_x6.....Gcgucagggcccgcagucggaucg..... 1

Gi3_27471124_x6.....aucggagacgucguAggaaacacggggugcc..... 1
Gi1_3992011_x6.....cUgagacgucgugggaacacggggu..... 1
Gi5_8538787_x6.....aUacgucgugggaacacggggugc..... 1
Gi3_27537988_x6.....Ugccccgccaguacugcgauccgagac..... 1
Gi1_3992929_x6.....gucgugggGacacggggugccgaacu..... 1
Gi3_27491392_x6.....ugggaacaAggggugccgaac..... 1
Gi2_10557239_x6.....ucgugggaaAacggggugccgaacu..... 1
Gi3_27464098_x6.....uGaggccccgccaguacugcgauccg..... 1
Gi3_27546226_x6.....gaucggagacgucgugggCacacgg..... 1
Gi2_10544261_x6.....cUggccccgccaguacugc..... 1
Gi3_27473710_x6.....Ggacgucgugggaacacggg..... 1
Gi3_27475672_x6.....agacgucgNgggaacacggggugccgaac..... 1
Gi2_10576025_x6.....aucggagacAucgugggaacac..... 1
Gi3_27479734_x6.....cccgccUguacugcgauccgagacguc..... 1
Gi2_10564235_x6.....aAcggagacgucgugggaacacggg..... 1
Gi2_10544357_x6.....gaucggagacgucgugggaGcac..... 1
Gi1_3991435_x6.....ucgugggaacacggUgugccgaacu..... 1
Gi5_8548369_x6.....cgugggaacacUgggugccgaacu..... 1
Gi2_10584323_x6.....gaucggagNcgucgugggaacacggg..... 1
Gi2_10586807_x6.....gucgugggaacacggggCgccgaac..... 1
Gi3_27498754_x6.....agGcgucgugggaacacggggugccgaac..... 1
Gi3_27547912_x6.....gaacacggggugcAgaac..... 1
Gi3_27461548_x6.....gcgccgucagggccccgccCgu..... 1
Gi5_8552209_x6.....Gucggagacgucgugggaacacgggg..... 1
Gi1_3977047_x6.....ggaacacggggugccgaacAu..... 1
Gi3_27499330_x6.....cgucgugggaCcacggggugccg..... 1
Gi3_27479254_x6.....aGggccgucagggccccgccaguacugc..... 1
Gi3_27524794_x6.....cUgagacgucgugggaacacggggug..... 1
Gi3_27539656_x6.....Gggccgucagggccccgccaguac..... 1
G1a_5711500_x6.....aGugcgauccgagacgucgug..... 1
Gi3_27487762_x6.....gaucggagacgucgugggaaAacggggu..... 1
Gi1_3983965_x6.....caggccccgccaguacugcU..... 1
Gi5_8537767_x6.....cgCgggaacacggggugccgaac..... 1
Gi2_10561181_x6.....Cggccccgccaguacugc..... 1
Gi3_27481024_x6.....ggaacacgggCugccgaacu..... 1
Gi3_27484966_x6.....Uaagagaagcgccgucaggg..... 1
Gi2_10553639_x6.....cggagacAucgugggaacacggggugcc..... 1
Gi1_3983221_x6.....ucgugggaCcacggggugccgaacu..... 1
Gi2_10558859_x6.....aggcccUgccaguacugc..... 1
Gi3_27495172_x6.....uacugcgauccgagGcguc..... 1
Gi3_27538636_x6.....cgugggaacacggggugcA..... 1
Gi5_8534803_x6.....ugggaacacggggugccgaUc..... 1
Gi5_8555197_x6.....Gggccccgccaguacugcga..... 1
Gi3_27477928_x6.....cgugggaacacggggugGcgaac..... 1
G1a_5721676_x6.....cgucagggccccgccagCacugcg..... 1
Gi2_10566743_x6.....ggagGcgucgugggaacacggggugc..... 1
Gi3_27491014_x6.....cggagacgucgugggGacacg..... 1

Gi3_27540184_x6.....	cgugAgaacacggggugccga.....	1
Gi3_27507004_x6.....	caUgccccgccaguacugcgau.....	1
Gi2_10583351_x6.....	gucgugggaacacgAggugccgaacu.....	1
Gi2_10582385_x6.....	.Ggggaacacggggugccgaacuu.....	1
Gi2_10563761_x6.....	cgucgugggaacGcggggugccga.....	1
Gi3_27500578_x6.....	.ugggaacCcggggugccga.....	1
Gi2_10541627_x6.....	gggNacacggggugccgaacu.....	1
Gi3_27542920_x6.....	gaucggagNcgucgugggaacacg.....	1
Gi5_8532505_x6.....	guCggaacacggggugccgaacu.....	1
G1a_5707444_x6.....	.Cggaacacggggugccga.....	1
Gi3_27535420_x6.....	.cggGgacgucgugggaacacggggugcc.....	1
Gi1_3985315_x6.....	gaacUcggggugccgaacu.....	1
Gi3_27500056_x6.....	ucUgccccgccaguacugcg.....	1
Gi2_10570421_x6.....	.guggAaacacggggugccga.....	1
Gi2_10578527_x6.....	Uucggagacgucgugggaacacggggugc.....	1
Gi5_8553313_x6.....	.gugggaacCcggggugccga.....	1
Gi1_3981103_x6.....	cgugggaacacggggugccgaAu.....	1
Gi3_27544942_x6.....	gaagagaaNcgccgucagg.....	1
G1a_5722474_x6.....	.gugggaacacgggAugccgaacu.....	1
Gi2_10568813_x6.....	aucggaAacgucgugggaaca.....	1
Gi3_27543226_x6.....	.cgugggaacacgUggugccg.....	1
Gi5_8554033_x6.....	Ggucgugggaacacggggugccgaac.....	1
Gi2_10574519_x6.....	gucgugggaacCcggggugcc.....	1
Gi5_8558005_x6.....	gucgugggaacacggAgugccgaacu.....	1
Gi5_8532733_x6.....	.ugggaacacggggCgccga.....	1
Gi3_27477076_x6.....	.Agucgugggaacacggggugcc.....	1
Gi2_10576919_x6.....	.gugUgaacacggggugccgaac.....	1
Gi3_27495946_x6.....	.ugggUacacggggugccga.....	1
Gi3_27481096_x6.....	.guCggaacacggggugccgaac.....	1
G1a_5731456_x6.....	.gugggaacacggggugccgaGc.....	1
Gi3_27462850_x6.....	cccgccaguacugcgauccgCgacguc.....	1
Gi2_10549859_x6.....	.gugggUacacggggugccga.....	1
Gi4_529941_x6.....	.gugggaacNcggggugccgaacu.....	1
Gi1_3978679_x6.....	.gucagcccccgccaguacugcg.....	0
Gi2_10552091_x6.....	gaucggagNcgucgugggaaca.....	1
Gi2_10561121_x6.....	.ugggaacacggggugcAga.....	1
Gi2_10574009_x6.....	.caggGccccgccaguacugcgau.....	1
G1a_5725462_x6.....	.gggaacacgAggugccgaacu.....	1
G1a_5704018_x6.....	.ggGacacggggugccgaacu.....	1
Gi3_27525928_x6.....	.cAucaggccccgccaguacugcg.....	1
Gi2_10553717_x6.....	.aggccccgccaguacugAgauc.....	1
Gi3_27542158_x6.....	.uGggagacgucgugggaacacgggu.....	1
G1a_5725492_x6.....	Gagagaagcggcugcagggcc.....	1
Gi5_8547457_x6.....	cugcgauccggagacgucgugggaacacgggg.....	0
G1a_5712406_x6.....	.ugggaacacggggugccgGacu.....	1
Gi3_27506260_x6.....	cgucgGgggaacacggggugccgaacu.....	1
Gi3_27490438_x6.....	.ugggaacacggggAgccga.....	1

Gi5_8532787_x6.....acgucguggggaacaUggggugccgaacu..... 1
 Gi5_8553199_x6.....cgucguggggaacacggggGgc..... 1
 Gl1a_5712124_x6.....Uucaggccccgccaguacug..... 1
 Gi3_27523426_x6.....cgggagacgNcguggggaacacg..... 1
 Gi5_8535871_x6.....gugggaacacCgggugccgaacu..... 1
 Gi2_10579163_x6.....Ugugggaacacggggugccga..... 1
 Gi3_27462334_x6.....cgAcguggggaacacggggugc..... 1
 Gi5_8549215_x6.....acgucguggggaacacggggugccgaaAu..... 1
 Gi2_10572647_x6.....Ggcgaucgggagacgucguggggaaca..... 1
 Gi3_27472750_x6.....guUaggccccgccaguacugcg..... 1
 Gi3_27527578_x6.....ucguggggaacacggggugccA..... 1
 Gi5_8562625_x6.....cgugUgaacacggggugccgaac..... 1
 Gi5_8555209_x6.....aucgggagacgucguggggaacacggggG..... 1
 Gi1_3989461_x6.....acgucguggggaacacAggggugccgaacu..... 1
 Gi4_531369_x6.....cguggggaacacggggugccgaaAu..... 1
 Gi4_530301_x6.....aucgggagacgucguggggaacacggg..... 0
 Gi3_27480568_x6.....ggagacgucguggggaacacggggCgcc..... 1
 Gi2_10567985_x6.....gaucgggagacgucAuggggaacacggg..... 1
 Gl1a_5729320_x6.....Uggaacacggggugccgaac..... 1
 Gi3_27472900_x6.....agacgucguggggaacacggggugccgaUc..... 1
 Gi3_27537508_x6.....cguggggaacacgggAugccga..... 1
 Gi2_10553915_x6.....cgucguggggaGcacggggugccga..... 1
 Gi5_8545693_x6.....Cuggggaacacggggugccgaa..... 1
 Gi3_27495550_x6.....caggccccUgccaguacugcga..... 1
 Gi3_27527860_x6.....ggaacacgCggugccgaacu..... 1
 Gi3_27499444_x6.....agacgucgCgggaacacggggugccgaacu..... 1
 Gi2_10541705_x6.....agccccgcUaguacugc..... 1
 Gi5_8549029_x6.....gucaggccccgccCguacugcg..... 1
 Gi2_10544807_x6.....ggccccgccagCacugcgauc..... 1
 Gi5_8552347_x6.....cguAggaacacggggugccgaac..... 1
 Gi3_27535750_x6.....ugggaacacggggugUcg..... 1
 Gi1_3990535_x6.....gucgugggaaAacggggugccgaacu..... 1
 Gi3_27494800_x6.....ucaggccccgccaguacCgcg..... 1
 Gl1a_5727262_x6.....uUcgaucgggagacgucgug..... 1
 Gi5_8550493_x6.....Aacgucguggggaacacggggugccgaacu..... 1
 Gi2_10554305_x6.....Uagacgucguggggaacacggggugccgaac..... 1
 Gi3_27500524_x6.....ugggaacacgggguCccgaacu..... 1
 Gi3_27518074_x6.....acgucgGgggaacacggggugccgaacu..... 1
 Gi3_27520438_x6.....aucgggagacgucgugAgaacac..... 1
 Gi2_10559249_x6.....agccccgccaguacugUg..... 1
 Gi3_27493072_x6.....Agagacgucguggggaacacgggg..... 1
 Gi3_27499300_x6.....aAcgggagacgucguggggaacacggggugcc..... 1
 Gi3_27461278_x6.....gugNgaacacggggugccga..... 1
 Gi2_10567139_x6.....gugAgaacacggggugccga..... 1
 Gi3_27468658_x6.....cguggggaacacggggAgcc..... 1
 Gi3_27503182_x6.....cgccgucaNccccgccaguacugc..... 1
 Gi3_27547012_x6.....caggccccUgccaguacugc..... 1

Gi2_10584155_x6.....agGacugcgauccggagacgu..... 1
 Gi2_10550789_x6.....cGgcccagucugcgaucc..... 1
 Gi3_27465472_x6.....aucggagCcgucuggggaacacggggugcc..... 1
 Gi3_27522604_x6.....ugggaacacUggggugccgaac..... 1
 Gi3_27514318_x6.....guUgugggaacacggggugccga..... 1
 Gi2_10559639_x6.....acgucuggggaacCcgggugcc..... 1
 Gi3_27544312_x6.....Accaguacugcgauccggagacg..... 1
 Gi2_10563833_x6.....agggcccggccaguaUugcgga..... 1
 Gi2_10545911_x6.....ugggGacacggggugccgaa..... 1
 Gi2_10571615_x6.....ucguCggaacacggggugccgaacu..... 1
 Gi5_8558023_x6.....agacgucuggggaGcacggggugccgaacu..... 1
 Gi5_8547415_x6.....acgucuggggaacacggAgugccgaacu..... 1
 G1a_5719312_x6.....cgugggaaNacggggugcc..... 1
 Gi3_27527416_x6.....ucguggAaacacggggugccgaac..... 1
 Gi3_27534934_x6.....cgucuggggaacCcgggugccgaac..... 1
 Gi3_27524446_x6.....ggcccUgcccagucugcgaucc..... 1
 Gi2_10565819_x6.....ugggaacaUggggugccgaac..... 1
 G1a_5727964_x6.....aacacggggugccgaGcu..... 1
 Gi2_10563659_x6.....ggcccggccagucugcgauccggagacgucgu..... 0
 Gi3_27518986_x6.....cgggagacgucuggggaacCcg..... 1
 Gi3_27530728_x6.....uAgugggaacacggggugccgaacu..... 1
 G1a_5727166_x6.....cgauccggagacgucuggggaacacggggugcc..... 0
 Gi3_27503422_x6.....aacacggggugGcgaacu..... 1
 Gi3_27478654_x6.....caguacugcgauccggGgacgucgu..... 1
 Gi3_27542164_x6.....aggccUgcccagucugcgga..... 1
 Gi2_10554503_x6.....ugggaacacggggugUcga..... 1
 Gi3_27504250_x6.....ugggaacCcgggugccg..... 1
 Gi2_10559513_x6.....aucgggagacgucuggggaacacggggUacc..... 1
 Gi5_8554939_x6.....gAcgugggaacacggggugccgaacu..... 1
 Gi3_27493678_x6.....Gcccagucugcgauccggagacgu..... 1
 Gi5_8540803_x6.....caUgcccggccagucugcg..... 1
 Gi3_27459772_x6.....aucgggagacAucgugggaacacggg..... 1
 Gi2_10573655_x6.....cgugggaacacggAgugcc..... 1
 Gi2_10584671_x6.....ggaacacggggugAcgaacu..... 1
 Gi2_10555181_x6.....ggaacacggggugccgaacG..... 1
 Gi3_27510364_x6.....cgucuggggaacacggggG..... 1
 Gi4_533289_x6.....ugggaacacggggugccgaacA..... 1
 Gi2_10568093_x6.....cgucgCgggaacacggggugc..... 1
 Gi2_10546391_x6.....gugggaacaAggggugccgaac..... 1
 Gi5_8559787_x6.....acgucuggggaacacggggugcUgaacu..... 1
 Gi3_27532846_x6.....Aucgugggaacacggggugccga..... 1
 Gi3_27529570_x6.....cgucugAgaacacggggugcc..... 1
 Gi2_10571339_x6.....aucggGgacgucuggggaacacggggugccga..... 1
 G11_3980233_x6.....ggGacacggggugccgaac..... 1
 Gi3_27465340_x6.....cgucuggggaacacggggUaccg..... 1
 G11_3986707_x6.....ucgugggaacacggggugccgCac..... 1
 Gi2_10568453_x6.....cgucUugggaacacggggugccgaacu..... 1

Gi2_10553837_x6.....	gucgugggaacaUggggugccgaacu.....	1
Gi1_3990133_x6.....	ccgccaguacugcgauccg.....	0
Gi5_8556115_x6.....	gaacacgUggugccgaacu.....	1
Gi5_8560105_x6.....	ggaacGcggggugccgaac.....	1
Gi2_10577039_x6.....	Aucaggccccgccaguacugc.....	1
Gi1_3990385_x6.....	ucaggccccgccaguacAgcgauc.....	1
Gi3_27470710_x6.....	agacgucguggaacGcggggugccgaac.....	1
Gi2_10573391_x6.....	aucggagacgucgugggGacacgg.....	1
Gi2_10564613_x6.....	Gcggagacgucguggaacacggggu.....	1
Gi3_27496828_x6.....	ugggaacacgggAugccga.....	1
Gi1_3975655_x6.....	aucggGgacgucgugggaaca.....	1
Gi2_10561979_x6.....	Ggggagacgucguggaacacggggu.....	1
Gi3_27487738_x6.....	ugggaacacgggCugccgaac.....	1
Gi3_27528220_x6.....	ggagacgucguggaacGcaccggggu.....	1
Gi2_10576883_x6.....	Ucgcgugggaacacggggugccgaacu.....	1
Gi2_10564181_x6.....	cgucgCgggaacacggggugccg.....	1
Gi1_3974401_x6.....	gacgCcgugggaacacggggugccgaac.....	1
Gi5_8546353_x6.....	Caacacggggugccgaac.....	1
Gi2_10583591_x6.....	Aacgucguggaacacggggugccgaacu.....	1
G1a_5724346_x6.....	aucggagacgucguggaacGcggg.....	1
Gi5_8538421_x6.....	ugggaaUacggggugccgaac.....	1
Gi3_27473122_x6.....	aucggagacgucgCgggaacacgggg.....	1
Gi3_27520012_x6.....	gggaacacgggguAccgaa.....	1
Gi2_10545449_x6.....	Uaggccccgccaguacugcgau.....	1
Gi2_10578125_x6.....	Gaguacugcgauccggagacguc.....	1
G1a_5717860_x6.....	cguggAaacacggggugccgaacu.....	1
G1a_5731636_x6.....	gaagcgccgucaggccccgccaguacugcg.....	0
Gi2_10580135_x6.....	cgggagacgucguggaacacggggAgcc.....	1
Gi3_27542656_x6.....	ucgggagacgucguggaacCcg.....	1
Gi4_530199_x6.....	ugggaacacggggugccgCacu.....	1
Gi2_10563215_x6.....	ugggaacacggggGgccga.....	1
Gi1_3976129_x6.....	Accaguacugcgauccggagacg.....	1
Gi3_27480814_x6.....	gugggCacacggggugccgaa.....	1
Gi5_8534389_x6.....	Uagacgucguggaacacacggggugccgaac.....	1
Gi2_10577987_x6.....	ugggaacacggAgugccga.....	1
Gi3_27458524_x6.....	ccUgccaguacugcgau.....	1
Gi2_10579841_x6.....	aucAgagacgucguggaacac.....	1
Gi2_10581263_x6.....	ucguggaacacacggggGcaccg.....	1
Gi5_8553649_x6.....	acgucgugNgaacacggggugccgaac.....	1
Gi2_10570103_x6.....	gccauuacugcgauccggagacguc.....	1
Gi1_3987793_x6.....	aucggagacgucguggaacacgggU.....	1
Gi2_10568429_x6.....	agGcgcgucgggaacacggggugccgaacu.....	1
Gi2_10590413_x6.....	cgucguggaacacggggGgccga.....	1
Gi2_10558073_x6.....	gugggaacacggggugcAga.....	1
Gi2_10566023_x6.....	aGgagaagcgccgucaggcc.....	1
Gi1_3977773_x6.....	gggaacacggggugccgaaAu.....	1
Gi2_10572023_x6.....	caguacugNgaucggagacguc.....	1

Gi3_27486640_x6.....ucgugggaacacggggugUcgaac..... 1
Gi2_10545173_x6.....cAucgugggaacacggggugccg..... 1
Gi3_27531334_x6.....ucgugggaacacgAggugccgaac..... 1
Gi3_27490324_x6.....Aucgugggaacacggggugcc..... 1
Gi3_27517918_x6.....gacgucgCgggaacacggggugccgaacu..... 1
G1a_5731882_x6.....ggccccgccaguacugcgauccgagacguc..... 0
Gi2_10567667_x6.....Ugccccgccaguacugcgauccgagacg..... 1
Gi3_27459520_x6.....Ggaucggagacgucgugggaacacg..... 1
Gi2_10554539_x6.....Cucgugggaacacggggugccgaac..... 1
Gi2_10582049_x6.....ucgugggaacacggggugccgaacG..... 1
Gi3_27517396_x6.....gaucggagacgucgugggaacGcggg..... 1
Gi1_3980623_x6.....cgugggaacacgAggugccgaacu..... 1
Gi3_27496444_x6.....gaucUgagacgucgugggaacacggg..... 1
Gi3_27542104_x6.....cgugggaacacggggGgccga..... 1
Gi2_10561811_x6.....aucggagacgucgCgggaacacggggugcc..... 1
Gi3_27481264_x6.....caggccccgccaguacugcgaC..... 1
Gi1_3980587_x6.....guacugcgauccgagacguc..... 0
Gi2_10572653_x6.....cgugggaacCcgggugcc..... 1
Gi1_3975115_x6.....cGggccccgccaguacugcg..... 1
Gi5_8569687_x5.....acguGuggggaacacggggugccgaacu..... 1
Gi3_27636117_x5.....gUagacgucgugggaacacggggugccga..... 1
Gi2_10599450_x5.....ucaggcccNgccaguacugcg..... 1
Gi2_10611045_x5.....acgucgugggaacacggAgugcc..... 1
Gi2_10644310_x5.....aggAcccgccaguacugcgauc..... 1
Gi2_10645570_x5.....gccccgccagCacugcgauc..... 1
Gi3_27619237_x5.....ucggagacNucgugggaacacg..... 1
Gi2_10617790_x5.....cGccgccaguacugcgaucgg..... 1
Gi4_537203_x5.....ugggaacacggggugccgaGcu..... 1
Gi2_10625595_x5.....Ugugggaacacggggugccgaa..... 1
Gi5_8576787_x5.....ccccgccaguacugcgauc..... 0
Gi2_10635955_x5.....gUcaguacugcgaucggagacguc..... 1
Gi2_10618775_x5.....aggccccAccaguacugcg..... 1
G1a_5763747_x5.....ggaacacgggguUccgaacu..... 1
Gi2_10638185_x5.....aUcggcgucaggccccgccaguacugc..... 1
Gi3_27637977_x5.....aggccccgccaguacAgcg..... 1
Gi2_10591300_x5.....ucgugggaCcacggggugccgaacu..... 1
Gi2_10612745_x5.....agacgucgugggaacacggggAgcc..... 1
G1a_5748842_x5.....gAgaacacggggugccgaacu..... 1
Gi5_8579062_x5.....cgugggaacacgUggugccgaac..... 1
G1a_5739392_x5.....Agagacgucgugggaacacg..... 1
Gi2_10640795_x5.....aggccccgccagGacugc..... 1
Gi5_8578257_x5.....ugUgaucggagacgucgug..... 1
Gi3_27602687_x5.....gaGgagaagcgccgucaggccc..... 1
Gi3_27586987_x5.....cgucaggccccgccaguacCg..... 1
G1a_5746157_x5.....ugggaacacggggugUcgaacu..... 1
Gi5_8593867_x5.....Ugagacgucgugggaacacggggugcc..... 1
Gi2_10650305_x5.....ucgugggaacacgggAugccgaac..... 1

Gi1_4015060_x5.....aGgucgugggaacacggggugcc..... 1
 Gi3_27655857_x5.....aAgccccgccaguacugcga..... 1
 Gi3_27570392_x5.....gaacaUggggugccgaac..... 1
 Gi3_27565172_x5.....aggGccccgccaguacugcgauc..... 1
 G1a_5757942_x5.....cgccaguacugcgaucggCgacguc..... 1
 Gi3_27650897_x5.....aucggagacgucUugggaacacgggg..... 1
 Gi2_10616670_x5.....aucggagacgucAugggaacacggggg..... 1
 Gi2_10601305_x5.....acAucgugggaacacggggugcc..... 1
 Gi2_10591130_x5.....aUacgucgugggaacacggggug..... 1
 Gi1_3998300_x5.....gucAugggaacacggggugccgaacu..... 1
 Gi3_27565012_x5.....gacgucguNggaacacggggugccgaac..... 1
 Gi2_10620970_x5.....gugggaacacgggggUaccg..... 1
 Gi3_27624122_x5.....cgugggaCcacggggugccgaa..... 1
 Gi2_10605310_x5.....cgCgaggccccgccaguacugcg..... 1
 Gi5_8576997_x5.....Naacacggggugccgaacu..... 1
 Gi3_27553002_x5.....gaucggagacgucgugggaacacggAgu..... 1
 Gi1_4004275_x5.....acgucgugggaGcacggggugccgaacu..... 1
 Gi2_10643380_x5.....gaucggagNcgucgugggaacacggggugcc..... 1
 Gi3_27604817_x5.....caggccUcgccaguacugcgauc..... 1
 Gi2_10599855_x5.....cgucguggNaacacgggg..... 1
 Gi3_27610897_x5.....aucggagacguGgugggaacacggggg..... 1
 Gi2_10610430_x5.....acgucgugggaacacAgggugccgaacu..... 1
 Gi2_10626745_x5.....cgugggaacacggAgugccgaa..... 1
 Gi2_10627205_x5.....ggccccgccaguacugcgaCc..... 1
 Gi5_8600702_x5.....gaacacgggCugccgaacu..... 1
 G1a_5765337_x5.....cgugggaacaUggggugccgaacu..... 1
 Gi2_10630670_x5.....aucggagacgucgugggaacacgAggugcc..... 1
 Gi5_8581477_x5.....ggaacacggUgugccgaacu..... 1
 Gi5_8570757_x5.....ucggagacgucgugggGacacg..... 1
 Gi3_27602312_x5.....gGucggagacgucgugggaacacggggugc..... 1
 Gi3_27606737_x5.....cgucgugggaacacggAgugc..... 1
 Gi2_10621805_x5.....gaGcggagacgucgugggaacacggggg..... 1
 Gi2_10649530_x5.....cgucgugggaacaUggggugccgaacu..... 1
 Gi5_8585717_x5.....acgucgugggCaacacggggugccgaacu..... 1
 Gi3_27552607_x5.....gGcaguacugcgaucgga..... 1
 Gi3_27572762_x5.....Accgucaggccccgccaguac..... 1
 Gi5_8566107_x5.....ugggaacacggggAgccgaac..... 1
 Gi2_10600840_x5.....aucggagacguUgugggaacacggggugc..... 1
 Gi2_10634175_x5.....aggccAcgccaguacugcga..... 1
 Gi3_27561047_x5.....aUagaagcgccgucagggccc..... 1
 Gi3_27609892_x5.....acugcgaucggagacgAcgug..... 1
 Gi1_4016075_x5.....Ugagacgucgugggaacacggggg..... 1
 Gi2_10649455_x5.....aucggCgacgucgugggaacacggggugcc..... 1
 Gi3_27655467_x5.....gaaUacggggugccgaac..... 1
 Gi5_8571142_x5.....cgugggaacGcggggugccga..... 1
 Gi3_27593387_x5.....caggcUccgccaguacugc..... 1
 Gi3_27563487_x5.....ggagacgucgugggaGcacggggugccg..... 1

Gi3_27572862_x5.....cgucgugggCacacggggugcc..... 1
 Gi3_27613682_x5.....cUcugugggaacacggggug..... 1
 Gi5_8568832_x5.....Ugagacgucgugggaaca..... 1
 Gi2_10608205_x5.....cgccgucaNgccccgccaguacugc..... 1
 Gi3_27651132_x5.....gaucggagacgucgugggaacacggggugccga..... 0
 Gi3_27622342_x5.....agUccccgccaguacugcgau..... 1
 Gi2_10646590_x5.....aGgagaagcgccgucaggcccc..... 1
 Gi5_8563927_x5.....gugggaacaUggggugccgaac..... 1
 Gi5_8590872_x5.....gugggaacacAgggugcc..... 1
 Gi3_27590137_x5.....agacgucgugggaacacgAggugccgaacu..... 1
 Gi3_27559272_x5.....Gggagacgucgugggaacacggg..... 1
 Gi3_27605407_x5.....cguAggaacacggggugccgaa..... 1
 Gi5_8566967_x5.....cgucgugggaacacggggugUcgaacu..... 1
 Gl1_5748337_x5.....gugggaGcacggggugcc..... 1
 Gl1_5743502_x5.....aUagaagcgccgucaggccccgc..... 1
 Gi2_10599810_x5.....aucggagacgucgugggaacacgAg..... 1
 Gi2_10607130_x5.....gugggaacacggCgugccgaac..... 1
 Gi3_27564522_x5.....cgugggaacaAgggugccgaac..... 1
 Gi5_8576267_x5.....guUgugggaacacggggugccgaac..... 1
 Gi3_27568247_x5.....gaUgagaagcgccgucaggccccgc..... 1
 Gl1_5753562_x5.....Ugagacgucgugggaacacggggugc..... 1
 Gl1_5738917_x5.....Ggaagcgccgucaggccccgc..... 1
 Gi2_10628195_x5.....Ucugcugugggaacacggggugc..... 1
 Gi5_8590027_x5.....cgAgggaacacggggugccga..... 1
 Gi1_3996840_x5.....gggaacacggggAgccgaacu..... 1
 Gi3_27638262_x5.....ccccUccaguacugcgauc..... 1
 Gl1_5752897_x5.....aUaagcgccgucaggccccgcca..... 1
 Gi2_10593460_x5.....agacgucgugggaacacggggugccgaCcu..... 1
 Gi3_27616912_x5.....aggccccgccaguacAgc..... 1
 Gi3_27567812_x5.....aUagaagcgccgucaggccccgccaguacu..... 1
 Gi2_10615775_x5.....aucggagacgucgugggaCcacg..... 1
 Gi1_3999990_x5.....Gcggagacgucgugggaacacggggugcc..... 1
 Gi2_10641105_x5.....ugggaacacggggugUcgaac..... 1
 Gi5_8601857_x5.....gggaCcacggggugccgaacu..... 1
 Gi5_8563977_x5.....acgucgugggaCcacggggugccgaacu..... 1
 Gi3_27574812_x5.....aggccccgccagAacugcgauc..... 1
 Gi2_10612915_x5.....ucgugggaacacggggugAcgaacu..... 1
 Gi2_10647105_x5.....ucgugggaacacggggugccgaaAu..... 1
 Gi3_27642377_x5.....Cacgucgugggaacacggggugccgaac..... 1
 Gi2_10630710_x5.....aguacugcNaucggagacguc..... 1
 Gi2_10623780_x5.....ucgugggCacacggggugccgaacu..... 1
 Gi3_27646937_x5.....gccgucaggccccgccagCac..... 1
 Gi3_27624332_x5.....ccccgcUaguacugcgauc..... 1
 Gi3_27621852_x5.....ggaacaAgggugccgaacu..... 1
 Gi3_27632672_x5.....Gcugcugugggaacacggggugccg..... 1
 Gi2_10627300_x5.....cgugggaacacggggugAc..... 1
 Gi2_10631780_x5.....Gagagaagcgccgucaggcccc..... 1

Gi5_8595952_x5.....ggaacacggggugccgaUc..... 1
Gi2_10595715_x5.....cccgccagNacugcgauccgagacguc..... 1
Gi1_3996665_x5.....ucguggAaacacggggugcc..... 1
Gi5_8578357_x5.....gugggaaGacggggugccgaacu..... 1
Gi2_10629335_x5.....gaucggagacgucgugggaaacGcggggug..... 1
Gi3_27617722_x5.....ugggaaacacggggugAcga..... 1
Gi2_10609040_x5.....cgucguggAaacacggggugccgaacu..... 1
Gi3_27590072_x5.....caggccccgccaguacuAcg..... 1
Gi3_27595087_x5.....gGcgucgugggaaacacggggugccg..... 1
Gi3_27581497_x5.....ucgugggaaacacggCgugccgaacu..... 1
Gi3_27632347_x5.....Gccccccaguacugcgau..... 1
Gi2_10592815_x5.....aggccccgccaguacugcgauccgagGc..... 1
Gi2_10615510_x5.....aagagUagcgccgucagggcc..... 1
Gi2_10622605_x5.....cgccaguacugcgauccgCgac..... 1
Gi2_10624295_x5.....ggaacUcggggugccgaacu..... 1
Gi3_27589047_x5.....acgAcgugggaaacacggggugccgaacu..... 1
Gi3_27653902_x5.....gcgaucggGgacgucgug..... 1
Gi1a_5760732_x5.....gGacugcgauccgagacgucg..... 1
Gi2_10644910_x5.....cgucagggccccgcUaguacugc..... 1
Gi1_3999295_x5.....gaucggagacgucguggga..... 0
Gi1_4002000_x5.....gugggaGcacggggugccga..... 1
Gi3_27606397_x5.....gugggaaacGggggugccgaac..... 1
Gi3_27560932_x5.....cgAcaggccccgccaguacug..... 1
Gi2_10600275_x5.....aggccccgccaguacugU..... 1
Gi2_10643485_x5.....ucggagacNucgugggaaacacggggugcc..... 1
Gi1_4011250_x5.....aucggagacgucgugggaCcacg..... 1
Gi3_27584857_x5.....ggGgacgucgugggaaacacggggugccgaacu..... 1
Gi2_10648145_x5.....aUagaagcgccgucagggccccgccag..... 1
Gi3_27647537_x5.....gggCacacggggugccgaacu..... 1
Gi1_3995105_x5.....acCcgauccgagacgucg..... 1
Gi3_27577582_x5.....aCcgagacgucgugggaaacacggggugc..... 1
Gi3_27573317_x5.....gucagggccccgccaguGcug..... 1
Gi3_27641612_x5.....aggccccgcAaguacugc..... 1
Gi3_27577322_x5.....aguacugcgauccgagacgucgugggaaacac..... 0
Gi1_3994075_x5.....ugggaaacacggggugAcgaacu..... 1
Gi2_10606810_x5.....aAcggagacgucgugggaaacacggggug..... 1
Gi3_27598632_x5.....aggccccgGcaguacugcgau..... 1
Gi5_8594202_x5.....gugggaaacacggggGgccgaacuu..... 1
Gi3_27558787_x5.....ggccccgcNaguacugcgau..... 1
Gi3_27598457_x5.....aggccccCccaguacugcgau..... 1
Gi5_8589577_x5.....aucggagacgucgugggCacacgg..... 1
Gi2_10615165_x5.....gaucggagacgucgugggaaacacAg..... 1
Gi3_27603657_x5.....cgucgugggaaacUggggugcc..... 1
Gi2_10594755_x5.....uGgugggaaacacggggugc..... 1
Gi3_27626242_x5.....aggccccgccaguacuAcg..... 1
Gi3_27608547_x5.....gucgugggaaacUggggugccgaac..... 1
Gi3_27631387_x5.....agacgucgugggaaacacAgggugccgaacu..... 1

Gi3_27647462_x5.....aggcUccgccaguacugcgau..... 1
Gi1_3994480_x5.....cgucgugggaCcacggggugccgaacu..... 1
Gi5_8579367_x5.....ggNacacggggugccgaacu..... 1
Gi3_27602452_x5.....gacgucgugggaGcacggggugccgaac..... 1
Gi3_27597577_x5.....gugggaacacggggugccgUa..... 1
Gi3_27650622_x5.....caggccccgccaguacugcgauU..... 1
Gi3_27649667_x5.....gauUggagacgucgugggaacacgggggu..... 1
Gi2_10649895_x5.....gaucggagacgCgugggaacacggggug..... 1
G1a_5750237_x5.....cgugggaaUacggggugccgaacu..... 1
Gi3_2755517_x5.....ggccccgccGguacugcgauC..... 1
Gi3_27568352_x5.....aucggagacgucgugAgaacacggggugcc..... 1
Gi3_27558222_x5.....gagacgucgugggaacGcggggugccgaacu..... 1
Gi3_27567497_x5.....gggaaUacggggugccgaac..... 1
Gi2_10632510_x5.....aucggagacgucgCgggaacacggg..... 1
G1a_5753477_x5.....cUucaggccccgccagua..... 1
Gi3_27597437_x5.....Agugggaacacggggugcc..... 1
Gi3_27623542_x5.....cUccguacaggccccgccagua..... 1
Gi3_27606362_x5.....gaucggagacgucgCgggaacacg..... 1
Gi3_27552822_x5.....gccGguacugcgauCggagacguc..... 1
Gi1_4003525_x5.....cgugggaacacggggugccgaaUu..... 1
Gi1_3993885_x5.....gucgugggaaAacggggugcc..... 1
G1a_5759912_x5.....gugggaacacggggCgccgaac..... 1
G1a_5763782_x5.....ugggaGcacggggugccgaacu..... 1
Gi3_27649792_x5.....ccUgccaguacugcgauCggagac..... 1
Gi3_27630032_x5.....agCacugcgauCggagacg..... 1
Gi3_27592277_x5.....uacugcgauCggagacguU..... 1
Gi2_10629620_x5.....agacgucgugggaacacggggCgc..... 1
Gi2_10593240_x5.....ucgNgggaacacggggugccgaacu..... 1
Gi3_27595642_x5.....cgucgugggaGcacgggggu..... 1
Gi3_27640462_x5.....cgucgugggaacacggggugccgaaUu..... 1
Gi5_8599957_x5.....gaacacggggugccgaaAu..... 1
Gi3_27552732_x5.....aucggagacgucgugggaacUcggg..... 1
Gi2_10629535_x5.....gucaggccccgccaguCcugcg..... 1
Gi2_10595395_x5.....ugggaacacUgggugccgaacu..... 1
Gi3_27633682_x5.....ggaacacggggugUcgaac..... 1
Gi2_10619630_x5.....aguacugcNaucggagacgu..... 1
Gi2_10591060_x5.....cgugggaacacggggGgccgaac..... 1
Gi3_27605507_x5.....gGgggaacacggggugccgaacuu..... 1
Gi2_10634600_x5.....Cucaggccccgccaguacugcg..... 1
Gi5_8592347_x5.....ugggaaCcgggugccgaac..... 1
Gi3_27558112_x5.....ggccccgccaguaUugcgauC..... 1
Gi3_27625402_x5.....ccccgccaguGcugcgauC..... 1
Gi5_8589652_x5.....ugggaaCcgggugccgaac..... 1
Gi4_535233_x5.....cgAgggaaacacggggugccgaacu..... 1
Gi3_27621702_x5.....gugggaacacggggugccCa..... 1
Gi2_10607155_x5.....cGguacugcgauCggagacgucg..... 1
Gi3_27592862_x5.....gaacacggggugccgUac..... 1

Gi3_27606472_x5.....gucguggUaacacggggugccgaacu..... 1
 Gi3_27600987_x5.....ggaacacggggUAccgaa..... 1
 Gi1_4014325_x5.....cgGgggaacacggggugccgaac..... 1
 Gi1_4008640_x5.....cgccaguacugcgauccgagacgucguggg..... 0
 Gi3_27626812_x5.....cgAcgugggaacacggggugccga..... 1
 Gi3_27552992_x5.....aucggagacgucguggCaacacg..... 1
 Gi3_27615887_x5.....cggagacgNcgugggaacac..... 1
 G1a_5746132_x5.....aucggagaNgucgugggaacacggggg..... 1
 Gi2_10612940_x5.....cgucagggccccgcccagCacugcg..... 1
 Gi3_27552022_x5.....ucggGgacgucgugggaacacggggugcc..... 1
 Gi3_27570477_x5.....aggccccgNcaguacugcgauccgaga..... 1
 Gi2_10636265_x5.....ggagacgCcgugggaacacggggugc..... 1
 Gi2_10615960_x5.....acUucgugggaacacggggugccgaacu..... 1
 Gi3_27561222_x5.....ugggaUcacggggugccgaac..... 1
 G1a_5746057_x5.....Gaguacugcgauccgagacgu..... 1
 Gi3_27559442_x5.....ucgugggaNcacggggugccg..... 1
 G1a_5739957_x5.....Uucgugggaacacggggugccgaac..... 1
 Gi3_27575152_x5.....Agccccgcccaguacugcga..... 1
 Gi2_10608700_x5.....cgugggaacacgUggugccga..... 1
 Gi3_27593882_x5.....uggNaacacggggugccgaac..... 1
 Gi3_27550217_x5.....cagggccccgcccaguacugcC..... 1
 Gi1_4016375_x5.....Gaggccccgcccaguacugcgauc..... 1
 G1a_5751252_x5.....aguaUugcgauccgagacgucg..... 1
 Gi5_8586247_x5.....Uaucggagacgucgugggaaca..... 1
 Gi3_27616272_x5.....cgucgugggaacacggggugcU..... 1
 Gi3_27567047_x5.....aggccccgUaguacugcga..... 1
 Gi1_3997795_x5.....ccaguacugcgauccgagacguc..... 0
 Gi2_10641895_x5.....aggccAcgccaguacugc..... 1
 Gi3_27622197_x5.....ugggaaUacggggugccg..... 1
 Gi5_8586912_x5.....gCacacggggugccgaacu..... 1
 Gi3_27594142_x5.....gUccccgcccaguacugcgaucg..... 1
 Gi1_3996550_x5.....aacaAggggugccgaacu..... 1
 Gi2_10622090_x5.....gaagcgccNucaggccccgc..... 1
 G1a_5750647_x5.....gugggaacGcggggugcc..... 1
 Gi2_10645475_x5.....cgAgggaacacggggugccga..... 1
 Gi5_8579752_x5.....ugggaacGcggggugccgaa..... 1
 Gi3_27615947_x5.....gacgucgugggaacacggggugccgGac..... 1
 Gi2_10593250_x5.....cggagacgNcgugggaacacggggg..... 1
 Gi5_8582522_x5.....gggaacCcggggugccgaacu..... 1
 Gi2_10592350_x5.....ggUgacgucgugggaacacggggg..... 1
 Gi2_10608165_x5.....agacgucgugggaacacggggugccgCacu..... 1
 Gi2_10596250_x5.....cgugggaacacggggugccgUac..... 1
 Gi2_10628425_x5.....aCcgagacgucgugggaacacggggugcc..... 1
 Gi5_8592562_x5.....cgugggaacacAgggugccgaac..... 1
 Gi2_10650040_x5.....gucgugggaacGcggggugcc..... 1
 Gi2_10596605_x5.....ggccccgUaguacugcgauc..... 1
 Gi3_27549682_x5.....gugggaCcacggggugccgaa..... 1

Gi1_4013190_x5.....acgucgugggaaacacggggugccgaaAu..... 1
 Gi3_27568507_x5.....gaucggagacgucgugggCacacggg..... 1
 Gi3_27558127_x5.....gucGggccccgccaguacugcg..... 1
 Gi2_10596950_x5.....agCcgucgugggaaacacggggugccgaacu..... 1
 Gi5_8584422_x5.....ugggaaAacggggugccgaacu..... 1
 Gi2_10613575_x5.....ggagacguUgugggaaacacggggugc..... 1
 Gi1_3995625_x5.....gUgaacacggggugccgaac..... 1
 Gi3_27558357_x5.....aucggagacgucgugggaaacacgAgg..... 1
 Gi2_10633350_x5.....ccUgccaguacugcgauc..... 1
 Gi3_27612627_x5.....gaucggagGcgucgugggaaacacggggu..... 1
 G1a_5756177_x5.....aucAgagacgucgugggaaacacggggu..... 1
 Gi3_27609197_x5.....cCucaggccccgccaguacugc..... 1
 Gi3_27631797_x5.....cggagGcgucgugggaaacacggggugcc..... 1
 Gi3_27573232_x5.....aucggagacgucgugggaaacaU..... 1
 Gi3_27585392_x5.....aucggagacgucgugggUacacgg..... 1
 Gi3_27590467_x5.....gugggaaacacggggAgccg..... 1
 Gi3_27586902_x5.....caggccUcgccaguacugcg..... 1
 G1a_5761277_x5.....cgugggaaNacggggugc..... 1
 Gi3_27600732_x5.....gucNugggaaacacggggugccgaacu..... 1
 Gi2_10601240_x5.....cGaguacugcgauccggagacguc..... 1
 Gi1_4004080_x5.....ggUgacgucgugggaaacacggggugccg..... 1
 Gi1_3997990_x5.....aacacggggugccgaUcu..... 1
 Gi2_10608815_x5.....ggUgacgucgugggaaacacg..... 1
 Gi3_27550282_x5.....cgucgugggaaacaUggggugccgaac..... 1
 Gi3_27656292_x5.....Gacucggaucggagacgu..... 1
 Gi3_27643857_x5.....gucgugggaaacacggggugcGgaacu..... 1
 Gi3_27577487_x5.....aggccccGAcaguacugcg..... 1
 Gi3_27595192_x5.....Ucgauccggagacgucgugggaaacacg..... 1
 Gi2_10637655_x5.....cgucaggcNccgccaguacugcg..... 1
 Gi5_8581517_x5.....gCgggaaacacggggugccgaa..... 1
 Gi1_4004095_x5.....Gcugcgauccggagacguc..... 1
 Gi1_3997580_x5.....gggaaacaUggggugccgaacu..... 1
 Gi3_27642542_x5.....gGagagaagcggccgucaggccccgc..... 1
 Gi2_10639475_x5.....gacgucgCgggaaacacggggugccgaacu..... 1
 Gi5_8591707_x5.....aggccccgccaguacugcg..... 0
 Gi1_4017620_x5.....acgCcgugggaaacacggggugccgaacu..... 1
 Gi2_10608310_x5.....cgucgugAgaacacggggugccgaacu..... 1
 Gi3_27570557_x5.....cgugggaaacacggggUaccgaa..... 1
 Gi2_10645235_x5.....gUucggagacgucgugggaaacacggg..... 1
 Gi3_27579932_x5.....gucgugggaaacacggggugcAgaac..... 1
 Gi3_27635562_x5.....ggCaacacggggugccgaac..... 1
 Gi2_10606500_x5.....agacgucgugggGacacggggugccgaacu..... 1
 Gi2_10627210_x5.....Ugacgucgugggaaacacggggugc..... 1
 Gi3_27551352_x5.....aucggagacgucguggAaacacggggugcc..... 1
 Gi2_10614065_x5.....cgCcgugggaaacacggggugccgaac..... 1
 Gi2_10645510_x5.....cgugggaaacacggggugccUaac..... 1
 Gi3_27557732_x5.....agAccccgccaguacugc..... 1

Gi5_8577432_x5	cgugggaacacggggugccgCac	1
Gi2_10641160_x5	cgugggaaAacggggugccgaac	1
Gi5_8595072_x5	ggccccgccaguacugcg	0
Gl1a_5734542_x5	ugggaacacggggugccAaacu	1
Gi2_10641750_x5	caggccccgccaguacGcgauc	1
Gi3_27584847_x5	ccccgccaguacugcgCuc	1
Gi3_27645302_x5	cgccaguacugcgauccggagacgC	1
Gi3_27617292_x5	aucggGgacgucgugggaacacgggg	1
Gi1_4016450_x5	ggagacgucgugggaacacggggugccga	0
Gi2_10639620_x5	aucggagacgucgugggaacacggaAgu	1
Gi3_27603992_x5	Uaagcgccgucagggccccgccaguacugc	1
Gi3_27632152_x5	gucAugggaacacggggugccgaac	1
Gi3_27638797_x5	Accgucagggccccgccaguacugcg	1
Gi3_27623942_x5	gaacCcggggugccgaac	1
Gi1_4001440_x5	ucgugggaacacggggugccgUacu	1
Gi1_4005585_x5	Aucaggccccgccaguacugc	1
Gi3_27564422_x5	cgugggaaUacggggugcc	1
Gi3_27551162_x5	cgugggaacacAggggugccga	1
Gi3_27651042_x5	gugNgaacacggggugccg	1
Gi3_27613337_x5	acgucgugggaacacgguUgugccgaacu	1
Gi2_10616845_x5	aucggagGcgcgucgugggaacacg	1
Gi3_27592447_x5	caggccccUgccaguacugcg	1
Gi3_27624847_x5	Aaucggagacgucgugggaacacg	1
Gi2_10638760_x5	caggccccgccaguacugcgUuc	1
Gi2_10601530_x5	gugggaacacggggugAcga	1
Gi3_27575027_x5	acgucgugggaaUacggggugccgaacu	1
Gi1_4002545_x5	ggaacacggggugUcgaacu	1
Gi2_10635730_x5	gucgugggaacGcggggugccga	1
Gl1a_5749012_x5	gugggaacacggggugccgaaAu	1
Gi3_27627277_x5	gaAcggagacgucgugggaacacggggu	1
Gl1a_5749992_x5	gugggaacacggggGgccgaac	1
Gi3_27613152_x5	Aaggccccgccaguacugc	1
Gi3_27627512_x5	Ggccaguacugcgauccggagacg	1
Gi5_8586002_x5	cgucgugggaaUacggggugccgaacu	1
Gi3_27577552_x5	cgugggaacacggggugAc	1
Gi3_27567257_x5	aggccccgccaguGcugcga	1
Gi2_10601575_x5	ccccgccaNuacugcgauccgg	1
Gi3_27624432_x5	aggccccgccUguacugcg	1
Gi3_27552647_x5	gauUggagacgucgugggaacacggg	1
Gi3_27601432_x5	gggaacacggggugcGgaac	1
Gl1a_5745152_x5	aguacugcgauccggagGcgcuc	1
Gi3_27647917_x5	ccUgccaguacugcgauccgg	1
Gi3_27552832_x5	Agucgugggaacacggggugccg	1
Gi1_4004185_x5	ugggaacacggggugccgaaU	1
Gi2_10619500_x5	gugggUacacggggugccg	1
Gi2_10639670_x5	gggUacacggggugccgaac	1
Gi3_27563302_x5	ccccgccaguacugcgGucggagacgu	1

Gi2_10623490_x5.....cggagacgucgugggaaacCcggggu..... 1
 Gi1_4016370_x5.....cgCgggaacacggggugccgaac..... 1
 G1a_5751912_x5.....Auacugcgauccggagacguc..... 1
 Gi3_27647112_x5.....cgucagggccccgccaguacAgc..... 1
 Gi2_10620865_x5.....Ucugcugggaaacacggggugcc..... 1
 Gi5_8588782_x5.....Gaggccccgccaguacugcga..... 1
 Gi3_27556037_x5.....caggccccgccaguacugcgG..... 1
 Gi3_27629492_x5.....ucggagacgucgugggGacacggggg..... 1
 Gi2_10636875_x5.....Uuacugcgauccggagacgucgugggaaca..... 1
 Gi3_27641302_x5.ccuuaacucguuccgaGu..... 1
 Gi3_27650202_x5.....aggaagagaagcgccgucag..... 0
 Gi2_10603635_x5.....cgugggaacacggggugccgGac..... 1
 Gi3_27560007_x5.....caggccccgccaAuacugc..... 1
 Gi3_27619322_x5.....cggagacgNcgugggaacacggggugccga..... 1
 Gi2_10619975_x5.....gaucggagacgucgugggaGcacggggugcc..... 1
 Gi3_27560897_x5.....ccccgccaguacugcgauccggagGcgu..... 1
 Gi1_4012200_x5.....gaacacggUgugccgaacu..... 1
 Gi2_10615690_x5.....caUgccccgccaguacugcgaucc..... 1
 Gi2_10599745_x5.....acgucgugggaacacggggGgc..... 1
 G1a_5742372_x5.....cgucgugggaacacggggugccgCacu..... 1
 Gi3_27583762_x5.....gucgugggaacacgggAugccgaac..... 1
 Gi3_27611887_x5.....gugggaacacggggugAcgaa..... 1
 Gi3_27615937_x5.....aacacggggGgccgaacuu..... 1
 Gi2_10631300_x5.....aggccccgccaguCcuyc..... 1
 Gi3_27631162_x5.....cgucguAggaacacggggugccgaac..... 1
 Gi2_10643165_x5.....acgucgugggaacacgggguAccgaacu..... 1
 Gi3_27630017_x5.....guUaggccccgccaguacugc..... 1
 Gi3_27556102_x5.....aucggagacgucgugggaacCcggggugc..... 1
 Gi1_4002060_x5.....uGgugggaacacggggugccg..... 1
 Gi2_10641110_x5.....aucggagCcgucgugggaaca..... 1
 Gi2_10634825_x5.....gaucggagacgucgugggGacacggggugc..... 1
 Gi2_10634520_x5.....cgugggaacGcggggugc..... 1
 Gi1_3994090_x5.....cgucgugggaacacggggugccgaGcu..... 1
 Gi1_3995040_x5.....ggaacacggggAgccgaacu..... 1
 Gi2_10630270_x5.....Uucgugggaacacggggg..... 1
 Gi3_27640372_x5.....cguggUaacacggggugccgaac..... 1
 Gi5_8594347_x5.....ccUccaguacugcgauccggagacg..... 1
 Gi3_27636997_x5.....ucgugggaacacggggugAcgaacu..... 1
 Gi2_10606790_x5.....gugggaacacggggAgccgaa..... 1
 Gi3_27573472_x5.....cggagacgucgugggaacacAgggugcc..... 1
 Gi2_10594930_x5.....ggccUcgccaguacugcgaucc..... 1
 Gi2_10626485_x5.....ggagacgucguggAaacacggggugcc..... 1
 Gi3_27635517_x5.....cccgccagNacugcgauccggagacg..... 1
 Gi3_27638977_x5.....acugcgauNggagacguc..... 1
 Gi2_10617200_x5.....ucgugggaacUcggggugccgaacu..... 1
 Gi1_4000820_x5.....ucgugggaacacggggugccgaGc..... 1
 Gi1_3995525_x5.....cAucgugggaacacggggugccgaacu..... 1

Gi2_10618165_x5.....ggaacacgUgugccgaacu..... 1
 Gi2_10621845_x5.....gaucggagacgucgugggCacacgggu..... 1
 Gi2_10612860_x5.....aucggagacgCcgugggaaca..... 1
 Gi2_10636520_x5.....Cgggaacacggggugccg..... 1
 Gi1_4008600_x5.....ucgugggaacacggggugcAgaacu..... 1
 Gi2_10632070_x5.....gaucggagacgucgugggaacCcggggu..... 1
 Gi3_27627697_x5.....Cagaagcgccgucagggcccg..... 1
 Gi3_27586437_x5.....aggccccgccaguacuAcga..... 1
 Gi3_27582067_x5.....cgugggaacacgAggugc..... 1
 Gi2_10649355_x5.....aacacgUggugccgaacu..... 1
 Gi3_27552087_x5.....aAcggagacgucgugggaacacg..... 1
 Gi1_4009465_x5.....gugggaacacggggugccgaaAu..... 1
 Gi3_27623267_x5.....Cucggagacgucgugggaacacg..... 1
 Gi2_10640900_x5.....gugggaUcacggggugccgaac..... 1
 Gi2_10614910_x5.....cgucgugggaCcacggggugccga..... 1
 Gi3_27648432_x5.....gaCcgagacgucgugggaacacg..... 1
 Gi1_4016090_x5.....Gucggagacgucgugggaacacggggugc..... 1
 Gi1_4004390_x5.....cgucgugggaacacggggGgcc..... 1
 Gi1_4007150_x5.....aucggGgacgucgugggaacacg..... 1
 Gi1_3998955_x5.....aAgccccgccaguacugcgauc..... 1
 Gi2_10621425_x5.....cgugggaacacggggCgccgaa..... 1
 Gi3_27613932_x5.....ucggagacgucgugggCacacg..... 1
 Gi2_10602085_x5.....agaagcgcNgcagggccc..... 1
 Gi2_10614895_x5.....Ugccccgccaguacugcgaucg..... 1
 Gi3_27658322_x5.....ucagggccccgUaguacugcg..... 1
 G1a_5739467_x5.....Ucgaucggagacgucgugggaacacggg..... 1
 Gi2_10610965_x5.....agUagcgccgucagggccc..... 1
 Gi3_27633832_x5.....ggGgacgucgugggaacacggggu..... 1
 Gi2_10639010_x5.....gagaagcgccgucGggccccgacg..... 1
 Gi3_27652857_x5.....ggccccgccaguacugcgaU..... 1
 Gi3_27597692_x5.....gagaGgcgccgucagggccccg..... 1
 Gi2_10600580_x5.....aucggagacAucgugggaacacggggugcc..... 1
 Gi3_27621307_x5.....cgccaguacugcgaCcgagacgu..... 1
 Gi2_10602650_x5.....Agugggaacacggggugc..... 1
 G1a_5742917_x5.....ggaacacggggugcUgaacu..... 1
 Gi1_4013680_x5.....Ccgugggaacacggggugcc..... 1
 Gi3_27654457_x5.....gucgugggaacacgAggugccgaac..... 1
 Gi2_10643415_x5.....gccccgccaguacugcgCuc..... 1
 Gi1_4011395_x5.....Ggacgucgugggaacacgggg..... 1
 Gi2_10642335_x5.....guacugcgNucggagacguc..... 1
 Gi3_27630877_x5.....cGgccaguacugcgaucggagacguc..... 1
 Gi5_8598902_x5.....Ggugggaacacggggugc..... 1
 Gi3_27656107_x5.....ccccgUaguacugcgaucggagacguc..... 1
 Gi2_10622490_x5.....ucggagacNucgugggaacacg..... 1
 Gi1_4003720_x5.....Ggggaacacggggugccga..... 1
 Gi2_10634700_x5.....gucgugggaacacggggugccgUacu..... 1
 Gi5_8578042_x5.....aGcacggggugccgaacuuu..... 1

Gi3_27568697_x5.....caggccccgccaguacCgcgau..... 1
 Gi1_4004175_x5.....acAucguggggaacacggggugccgaacu..... 1
 Gi5_8575192_x5.....gucgAggggaacacggggugccgaacu..... 1
 Gi2_10613490_x5.....agacgucgugggaacCcggggugcc..... 1
 Gi3_27580032_x5.....acgucgugggUacacggggugccgaacu..... 1
 Gi3_27593747_x5.....aUuacugcgauccggagacgucguggg..... 1
 Gi3_27595397_x5.....agUgcccugcaggccccgcc..... 1
 Gi3_27622402_x5.....aggccccgccaguacugcgUuc..... 1
 Gi1a_5758102_x5.....aucggagacgucgugggCacacggg..... 1
 Gi1_3998700_x5.....gCgggaacacggggugccgaac..... 1
 Gi2_10607560_x5.....cgGcgugggaacacggggugccga..... 1
 Gi3_27577687_x5.....aAcggagacgucgugggaacacggggugc..... 1
 Gi2_10640140_x5.....cgugggaacCcggggugc..... 1
 Gi5_8574002_x5.....gugggaGcacggggugcc..... 1
 Gi3_27610292_x5.....guAgugggaacacggggugccgaacu..... 1
 Gi2_10592985_x5.....ggaacacgUggugccgaac..... 1
 Gi3_27641417_x5.....Uccgccaguacugcgauccg..... 1
 Gi1_4010305_x5.....aggccccgccaguacugcgauU..... 1
 Gi1_4016875_x5.....cguNggaacacggggugccgaacu..... 1
 Gi3_27587497_x5.....cgugggaacacggggugUcg..... 1
 Gi2_10593430_x5.....aggccccgccaguGcugcga..... 1
 Gi2_10618675_x5.....cUcgccaguacugcgauccg..... 1
 Gi3_27614037_x5.....caguacugcgauccggagacgCc..... 1
 Gi5_8564497_x5.....gucgugggaacacgggAugccgaacu..... 1
 Gi2_10600680_x5.....gugggaacacggggugUcgaa..... 1
 Gi3_27609202_x5.....caAgccccgccaguacugcgau..... 1
 Gi3_27635782_x5.....cgugggaaUacggggugccg..... 1
 Gi3_27584132_x5.....cgggagacgucgugggaGcacgggg..... 1
 Gi5_8585482_x5.....gugggCacacggggugccgaac..... 1
 Gi4_534893_x5.....aUacgucgugggaacacggggugcc..... 1
 Gi3_27562412_x5.....agUgaagcgccgucaggccccgc..... 1
 Gi3_27584302_x5.....ugggaacUcggggugccgaa..... 1
 Gi3_27591057_x5.....cccUgcccaguacugcgau..... 1
 Gi5_8570842_x5.....cgucgugggaacaUggggugccgaacu..... 1
 Gi3_27639007_x5.....gucgugggaacacggggAgccgaac..... 1
 Gi3_27565932_x5.....gGgacgucgugggaacacgggg..... 1
 Gi2_10626295_x5.....cgggagacgucgugAgaacacggggugcc..... 1
 Gi5_8569842_x5.....cgucgugggaacacggggUaccgaacu..... 1
 Gi3_27583742_x5.....ucgugggGcacggggugccgaa..... 1
 Gi2_10601805_x5.....ucgugggaacacggggugccgGac..... 1
 Gi3_27554957_x5.....ggaacacggggugccgGa..... 1
 Gi3_27623507_x5.....gggagacgCcguggggaacacgggg..... 1
 Gi3_27600597_x5.....gaacacgggAugccgaac..... 1
 Gi3_27642367_x5.....aucggGgacgucguggga..... 1
 Gi2_10609505_x5.....aucggagacgucgugggCac..... 1
 Gi3_27644042_x5.....ccUgcccaguacugcgauccggagacg..... 1
 Gi3_27649887_x5.....aucggCgacgucgugggaacacgggg..... 1

Gi3_27575072_x5.....Ccgcugugggaacacggggugccgaacu..... 1
 Gi3_27580537_x5.....cgucugugggaacacggggUAcc..... 1
 Gi3_27632507_x5.....gaUgagaagcgccgcucagggccc..... 1
 Gi2_10632125_x5.....cgucugugggUacacggggugccgaacu..... 1
 Gi2_10604175_x5.....aucggagacgucgugggaacGcggggugcc..... 1
 Gi3_27643827_x5.....gaucggagacgucgugggaacGcgggg..... 1
 Gi1a_5764787_x5.....Gucggagacgucgugggaacacgg..... 1
 Gi2_10602725_x5.....acgucugugggaacacggggCgc..... 1
 Gi2_10622640_x5.....Gucggagacgucgugggaacacgggg..... 1
 Gi3_27626237_x5.....cgugggaacacggggugUcgaa..... 1
 Gi2_10618290_x5.....agCacugcgauccggagacgu..... 1
 Gi1a_5755092_x5.....cgAcaggccccccagucugc..... 1
 Gi3_27578362_x5.....ucgAgggaacacggggugccgaac..... 1
 Gi2_10625770_x5.....cUucaggccccccagucugcgauccg..... 1
 Gi1_4012650_x5.....Ugccccccagucugcgauccgaga..... 1
 Gi3_27609352_x5.....agacgucgugggaacacggggugccgCac..... 1
 Gi1_4009605_x5.....gugggaacacggggugcU..... 1
 Gi2_10595450_x5.....gugggaacacggggAugccgaa..... 1
 Gi3_27658747_x5.....Ucgauccggagacgucgugggaac..... 1
 Gi3_27602442_x5.....agacgucgugAgaacacggggugccgaacu..... 1
 Gi2_10617175_x5.....aucggagacgucgugggCacacgggg..... 1
 Gi3_27648152_x5.....uaUugcgauccggagacguc..... 1
 Gi5_8601102_x5.....cguUgugggaacacggggugccgaacu..... 1
 Gi3_27585562_x5.....ggccccccagucugUgauc..... 1
 Gi2_10635485_x5.....aggccccccagucugcgUuc..... 1
 Gi2_10628935_x5.....Caucggagacgucgugggaaca..... 1
 Gi3_27653787_x5.....caggcAccgccagucugcg..... 1
 Gi5_8569047_x5.....Gacacggggugccgaacu..... 1
 Gi3_27633542_x5.....ucgugggaacaAggggugccgaacu..... 1
 Gi3_27591052_x5.....gaagagaaNcgccgucagggccc..... 1
 Gi3_27578737_x5.....Ggagaagcgccgcucagggccc..... 1
 Gi3_27550917_x5.....Cucgugggaacacggggugccga..... 1
 Gi2_10591415_x5.....gggaaUacggggugccgaac..... 1
 Gi3_27621377_x5.....cgAcaggccccccagucugcg..... 1
 Gi2_10635645_x5.....aaAacggggugccgaacu..... 1
 Gi2_10625370_x5.....ggaacacggCgugccgaacu..... 1
 Gi3_27650557_x5.....aucggUgacgucgugggaacacggg..... 1
 Gi3_27570952_x5.....acUucgugggaacacggggugccgaac..... 1
 Gi2_10608230_x5.....gaUgucgugggaacacggggugccgaacu..... 1
 Gi2_10630105_x5.....gAccccgcccagucugcgaucc..... 1
 Gi3_27619167_x5.....ucaggccccccagucugcC..... 1
 Gi3_27549627_x5.....aGgucgugggaacacggg..... 1
 Gi5_8586072_x5.....Ggggaacacggggugccgaacu..... 1
 Gi2_10633305_x5.....aucgAagacgucgugggaacacggggugcc..... 1
 Gi5_8583082_x5.....gugggaacacggggugccgaG..... 1
 Gi3_27583897_x5.....Uucaggccccccagucugcgauccg..... 1
 Gi3_27570417_x5.....ggaacacAggggugccgaa..... 1

Gi3_27617377_x5.....agUgaagcgccgucagggc..... 1
Gi5_8569037_x5.....cgucguggNaacacggggugccgaac..... 1
Gi3_27588092_x5.....acgucgugggaGacggggugccgaacu..... 1
Gi3_27579327_x5.....ggcUccgccaguaucugcgau..... 1
Gi5_8588257_x5.....ugcgauccggagacgucGgg..... 1
Gi2_10650345_x5.....aCacgucgugggaacacggggugccgaacu..... 1
Gi1_3995050_x5.....Ugagacgucgugggaacacggggugccgaacu..... 1
Gi3_27645622_x5.....aggccccgccaguaucugGgau..... 1
Gi3_27620782_x5.....Ugucgugggaacacggggugc..... 1
Gi2_10649795_x5.....cgugggaacacggggugccgC..... 1
Gi3_27593597_x5.....ucaggccccgccaguaucugcgauccggagacguc..... 0
Gi3_27628487_x5.....aucggCgacgucgugggaacacggggugcc..... 1
Gi3_27555172_x5.....ucggGgacgucgugggaacacggggug..... 1
Gi3_27572722_x5.....cgugggaacacggggugUc..... 1
Gi1_4014080_x5.....acgucgugggaacGcggggugcc..... 1
Gi1_4015705_x5.....Gggagacgucgugggaacacggggugcc..... 1
G1a_5748287_x5.....aggccccgccCguacugcg..... 1
Gi3_27574177_x5.....caggccccgccaguaUugc..... 1
Gi5_8601012_x5.....aucggagacgucgugggaacacggggugccgaac..... 0
Gi2_10630065_x5.....cgggagacgucgugggaacacggggGgc..... 1
G1a_5748522_x5.....aUaagcgccgucagggcc..... 1
Gi1_3997000_x5.....cggGgacgucgugggaacacggggugc..... 1
Gi5_8581212_x5.....gggaacacggggAgccgaacu..... 1
Gi1_4011345_x5.....agacgCcgugggaacacggggugccgaac..... 1
Gi2_10636195_x5.....aguacugcgauccggagCcguc..... 1
Gi3_27587322_x5.....caggccccgccGguacugcgau..... 1
Gi3_27644252_x5.....aggccccgccaguaUugc..... 1
Gi3_27631722_x5.....Ugagacgucgugggaacacgggg..... 1
Gi3_27614827_x5.....uGaggccccgccaguaucg..... 1
Gi3_27552547_x5.....uacugcgGucggagacguc..... 1
Gi2_10621680_x5.....Uccaguaucgcgauccggaga..... 1
Gi3_27614722_x5.....gugggaacUcggggugccga..... 1
Gi5_8567242_x5.....cgugggaacGcggggugccgaac..... 1
Gi5_8570187_x5.....gucgugggaacacggggugUcgaacu..... 1
Gi2_10594750_x5.....aucggagacgucgugggaacacAgggugcc..... 1
Gi2_10594030_x5.....gugggaacacggCgugcc..... 1
Gi3_27594992_x5.....aggccAcgccaguaucugcg..... 1
Gi2_10592920_x5.....ggaacacgUggugccgaacu..... 1
Gi5_8599942_x5.....cgugggaaNacggggugc..... 1
Gi3_27627192_x5.....Uucggagacgucgugggaacacggggugcc..... 1
Gi5_8569287_x5.....cgugggaaNacggggugcc..... 1
Gi3_27601372_x5.....aAgccccgccaguaucugcgau..... 1
Gi3_27570772_x5.....cCggccccgccaguaucugcgau..... 1
Gi1_3994265_x5.....aacacggggugccgaaAu..... 1
Gi2_10607685_x5.....gacAucgugggaacacggggugcc..... 1
Gi5_8588502_x5.....aucggagacgucgugggaGcac..... 1
Gi2_10622955_x5.....aggccccgccaguaucugcgauccggagacgucg..... 0

Gi3_27575907_x5.....Uccgccaguacugcgauccggagacguc..... 1
Gi2_10591100_x5.....cgucgCgggaacacggggugccgaac..... 1
Gi2_10632805_x5.....gggaacacggggugccgaC..... 1
Gi3_27642262_x5.....ggagacgucgugggaCcacggggugcc..... 1
Gi2_10620905_x5.....ugggaacacggggugGcgaacu..... 1
Gi3_27556757_x5.....aucggagacgucgugggaacacggAgugcc..... 1
Gi2_10632920_x5.....aucggagacgucgugggaacacggggAg..... 1
Gi3_27645062_x5.....Agugggaacacggggugccgaa..... 1
Gi1_4003655_x5.....cgucgugggaacacggggAgccgaacu..... 1
Gi3_27585872_x5.....ugggaacacggggAgccg..... 1
Gi5_8578622_x5.....gucgugggaacacggggugcUgaacu..... 1
Gi2_10620730_x5.....ugggaacacggggugccgaUcu..... 1
G1a_5761722_x5.....gggaacacggggugccAaacu..... 1
Gi2_10618705_x5.....gaucggagacgucgugggaAacggg..... 1
Gi1_3997165_x5.....gaacaAggggugccgaacu..... 1
Gi2_10631680_x5.....acgucguAggaacacggggugccgaacu..... 1
Gi2_10648390_x5.....gUcccgccaguacugcgau..... 1
Gi1_4006315_x5.....gugggaacacggggugAcgaacu..... 1
Gi2_10614775_x5.....cgucagggccccgccGguacugcg..... 1
Gi3_27576387_x5.....gGucggagacgucgugggaacacggggugcc..... 1
Gi1_4002605_x5.....aucggagacgucgugggaGcacggggg..... 1
Gi2_10625535_x5.....aUgccccgccaguacugcgauccggagacgu..... 1
Gi3_27584267_x5.....ggccccgccagCacugcgau..... 1
Gi5_8582597_x5.....Gaggccccgccaguacugcgau..... 1
Gi2_10609805_x5.....caggccccgccagCacugcgau..... 1
G1a_5765417_x5.....Agugggaacacggggugccgaacu..... 1
Gi2_10600080_x5.....ucgugggUacacggggugccgaacu..... 1
Gi1_4006235_x5.....gggaacacggggugcUgaacu..... 1
Gi1_3996070_x5.....gugggaacacggggugGcgaacu..... 1
Gi2_10597775_x5.....gucgugggaacacCggggugccgaacu..... 1
Gi5_8589802_x5.....agacgucgugggaCcacggggugccgaacu..... 1
Gi3_27653562_x5.....gagaGgcccgcgucagggcc..... 1
Gi2_10595835_x5.....Agaacacggggugccgaa..... 1
Gi2_10641855_x5.....cgugggaacacggggCgccga..... 1
Gi2_10624945_x5.....cgugggaacacAgggugc..... 1
Gi3_27649222_x5.....aucggagacgucgugggaCcacggggugc..... 1
Gi5_8585592_x5.....agacgucgugggaacacAgggugccgaacu..... 1
Gi2_10598230_x5.....cgucgugggaacacggggugccgCac..... 1
Gi2_10647300_x5.....aggccccgccaguacCgcca..... 1
Gi3_27612817_x5.....gucgugggaaUacggggugccgaac..... 1
Gi5_8590827_x5.....gggaacacggggugccAaac..... 1
Gi2_10617380_x5.....aucggagaNgucgugggaac..... 1
Gi3_27650822_x5.....cAucaggccccgccaguacugc..... 1
Gi2_10608370_x5.....gacgucgugggaacacggggAgccgaacu..... 1
Gi5_8580852_x5.....Ggacgucgugggaacacggggugcc..... 1
Gi1_4012665_x5.....gggaacacAgggugccgaacu..... 1
Gi2_10640365_x5.....ucgugggaacacggggugccgaaU..... 1

Gi3_27593767_x5.....cUaucggagacgucgugggaacacggggugc..... 1
Gi3_27622302_x5.....caggccccgccaguacugcA..... 1
Gi3_27563007_x5.....aucggagacgucgugggaUcacg..... 1
Gi5_8586292_x5.....cGguacugcgauccggagacgucgug..... 1
Gi2_10639380_x5.....gacgucgugggaGcacggggugccg..... 1
Gi3_27552552_x5.....ugggaacacgAggugccgaa..... 1
Gi2_10622420_x5.....guggAaacacggggugccga..... 1
Gi2_10593060_x5.....ggagacgucgugggaacaUggggugcc..... 1
Gi3_27556437_x5.....caggccccgccaguGcugcg..... 1
Gi3_27598937_x5.....aucggagacgucguAggaacacgg..... 1
Gi3_27568112_x5.....caguacugcgCucggagacguc..... 1
Gi1_3999855_x5.....ugggGacacggggugccgaac..... 1
Gi1_4004350_x5.....aacacgCggugccgaacu..... 1
Gi3_27581637_x5.....gcccUgccaguacugcgau..... 1
Gi5_8586837_x5.....ggaNcacggggugccgaacu..... 1
Gi2_10650100_x5.....aucggaAacgucgugggaacac..... 1
Gi3_27621247_x5.....aucggagacgucgugggaacacgAggugcc..... 1
Gi3_27564817_x5.....gaucggGgacgucgugggaacacgg..... 1
Gi3_27561137_x5.....Ucgccgucaggccccgccaguacug..... 1
Gi2_10605930_x5.....aUaagcgccgucaggccccgccagua..... 1
Gi3_27647442_x5.....acgucgugggaacaUggggugccgaac..... 1
Gi3_27560987_x5.....gacgucgugggaacacggggugccgaGcu..... 1
Gi2_10612595_x5.....cUcgccaguacugcgau..... 1
Gi3_27650417_x5.....acugcgGucggagacgucgug..... 1
G1a_5765257_x5.....cgugggGacacggggugccgaac..... 1
Gi5_8587942_x5.....Gaggccccgccaguacugcgau..... 1
G1a_5737587_x5.....cgucGggccccgccaguacugcg..... 1
G1a_5745157_x5.....agacgucgugggaaUacggggugccgaacu..... 1
Gi5_8601362_x5.....aCcgagacgucgugggaacacggggug..... 1
Gi2_10595445_x5.....gccGguacugcgauccggagacguc..... 1
Gi4_535258_x5.....cgAcgugggaacacggggugc..... 1
Gi2_10620930_x5.....gggaacacggggugcUgaac..... 1
Gi5_8582687_x5.....ggaaacacggggugccgUacu..... 1
G1a_5735152_x5.....gggaacacggggugcUgaacu..... 1
G1a_5737687_x5.....gugggCacacggggugccg..... 1
Gi3_27620122_x5.....cgucgugggaacacggggGgccgaa..... 1
Gi3_27629802_x5.....agacgucgugggaCcacggggugcc..... 1
Gi2_10604745_x5.....Ggacgucgugggaacacggggugccgaac..... 1
Gi5_8592657_x5.....gggaacacCgggugccgaacu..... 1
Gi3_27626712_x5.....Ggaucggagacgucgugg..... 1
Gi2_10648625_x5.....cgaucggaNacgucgugg..... 1
Gi3_27594457_x5.....cgugggaacacggggugccAaa..... 1
Gi3_27658552_x5.....cUgagacgucgugggaacac..... 1
Gi2_10647065_x5.....agacUucgugggaacacggggugccgaacu..... 1
Gi5_8592217_x5.....gaacacggggugccAaac..... 1
Gi3_27578607_x5.....cgugggaacacggggugccgG..... 1
Gi3_27562212_x5.....

Gi3_27558552_x5.....cgucguggNaacacgggg..... 1
 Gi1_4008925_x5.....cggagacgucgCgggaacacggggugccga..... 1
 Gl1a_5733697_x5.....Ugugggaacacggggugcc..... 1
 Gi3_27557632_x5.....ccUccaguacugcgauccggagac..... 1
 Gi3_27565292_x5.....Aagaagcgccgucagggccc..... 1
 Gl1a_5739052_x5.....aucggagacgucgugggGacacggggg..... 1
 Gi3_27572387_x5.....cGcgccaguacugcgauccggagac..... 1
 Gi3_27596297_x5.....uUaggccccgccaguacugcgaucc..... 1
 Gi5_8579957_x5.....gaacacggggugccgaacG..... 1
 Gi1_4016225_x5.....gugggaacacggggugccgaGc..... 1
 Gi3_27555772_x5.....cgugggaacacggggugccgaG..... 1
 Gi5_8595182_x5.....gugggaacNcggggugccg..... 1
 Gi2_10646870_x5.....Cucggagacgucgugggaacacggggugcc..... 1
 Gi1_4011665_x5.....Uagacgucgugggaacacggggugccgaac..... 1
 Gi5_8570322_x5.....aacacggggugccgaacG..... 1
 Gi2_10625075_x5.....cgucgugggaacacggggugccgaaAu..... 1
 Gi3_27617847_x5.....cgauccggagacgucgugggaCcacg..... 1
 Gi2_10606585_x5.....ucAugggaacacggggugccgaac..... 1
 Gi3_27643547_x5.....gGgaagcgccgucagggccccgag..... 1
 Gi1_4015640_x5.....gggaacacgggAugccgaacu..... 1
 Gi2_10596795_x5.....aggccccgccaAuacugc..... 1
 Gi3_27600617_x5.....Gccccgaguacugcgauccggaga..... 1
 Gi3_27652377_x5.....Cagaagcgccgucagggccc..... 1
 Gi2_10609180_x5.....ucgCgggaacacggggugccgaac..... 1
 Gi3_27551577_x5.....gaucggagacgucgugggaCcac..... 1
 Gi1_4000235_x5.....ugggUacacggggugccgaacu..... 1
 Gi2_10612375_x5.....cgugggaacacggggugccAa..... 1
 Gi5_8580582_x5.....aucggagacgucgugggaacacggggCgc..... 1
 Gi1_4011735_x5.....ugggaacaNggggugccga..... 1
 Gi3_27560157_x5.....ugggaacaUggggugccgaa..... 1
 Gl1a_5741272_x5.....gggaacacggggCgccgaacu..... 1
 Gi3_27619937_x5.....gacgucgugggaGcacggg..... 1
 Gi2_10595960_x5.....ugggaacCggggugccgaac..... 1
 Gl1a_5741382_x5.....Gacugcgauccggagacguc..... 1
 Gi3_27646647_x5.....cgugggaacCggggugccga..... 1
 Gi3_27610662_x5.....Ggaagcgccgucagggccccgcca..... 1
 Gi3_27564852_x5.....uUcugcgauccggagacguc..... 1
 Gi3_27558742_x5.....agagaagcgUgucagggccccgccc..... 1
 Gi2_10645030_x5.....ugAgaacacggggugccgaac..... 1
 Gi3_27631187_x5.....cgucgugggaGcacggggugccga..... 1
 Gi2_10649850_x5.....gggaacacggggugccAgaac..... 1
 Gi2_10591670_x5.....acgucgugggaGcacggggugcc..... 1
 Gi3_27653967_x5.....gacgucgugggaacacggggugccgaUc..... 1
 Gi2_10625435_x5.....aucggagacgucgugggaUac..... 1
 Gi4_537243_x5.....Gcuggggaacacggggugccgaacu..... 1
 Gi3_27638512_x5.....aucNgagacgucgugggaacacg..... 1
 Gi5_8595167_x5.....cggagacgucgugggaacacggggugccgaa..... 0

Gi5_8589502_x5.....uggaacacggggugccgCa..... 1
 Gl1a_5735972_x5.....cgugAgaacacggggugccgaacu..... 1
 Gi3_27627217_x5.Gcuuaacucguuccgaau..... 1
 Gi2_10649885_x5.....gggaacacggggugAcgaacu..... 1
 Gi2_10644095_x5.....Ucgaucggagacgucgugggaacacggggugc..... 1
 Gi2_10622155_x5.....cgucgugggaacGcggggugc..... 1
 Gi3_27649982_x5.....gaucAgagacgucgugggaacacggggug..... 1
 Gi2_10649510_x5.....cgugggaaUacggggugccgaac..... 1
 Gi5_8568412_x5.....ucgugggaacacggggugccUaacu..... 1
 Gi3_27596417_x5.....ucgugggaNcacggggugc..... 1
 Gi3_27578847_x5.....aguacugcNaucggagacgucgug..... 1
 Gl1a_5745757_x5.....Gaguacugcgaucggagacguc..... 1
 Gi3_27632632_x5.....Ugccaguacugcgaucggagacguc..... 1
 Gi2_10621045_x5.....cgucgugggGacacggggugc..... 1
 Gi2_10633715_x5.....gacgucgugggaacacggggGcgggaacu..... 1
 Gi3_27633727_x5.....ugggaacaUggggugccga..... 1
 Gi2_10628660_x5.....gaucggagacguUgugggaacacggggug..... 1
 Gi3_27639827_x5.....aucUgagacgucgugggaacacgggg..... 1
 Gi5_8594957_x5.....uggaacacAaggggugccgaa..... 1
 Gi3_27650072_x5.....ccccgccaguacugcGuc..... 1
 Gi2_10609305_x5.....gugggaaAacggggugccg..... 1
 Gi3_27560132_x5.....gaagagaagcggccGcagg..... 1
 Gi3_27616277_x5.....gucgugggaacUcggggugccgaacu..... 1
 Gi2_10619910_x5.....Caucggagacgucgugggaacacggggugcc..... 1
 Gi3_27636637_x5.....cgucAugggaacacggggugccg..... 1
 Gi3_27613947_x5.....gaucggagacgCcgugggaacacg..... 1
 Gi2_10642475_x5.....Gacugcgaucggagacgucgug..... 1
 Gi2_10606490_x5.....gucgugggaacacggggugccgaGc..... 1
 Gi3_27559902_x5.....cgaucggaNacgucgugggaacacg..... 1
 Gi1_4015885_x5.....cgucgugggaacCcggggugcc..... 1
 Gi2_10602200_x5.....gaucggagCcgucgugggaacacggggug..... 1
 Gi3_27572327_x5.....gGgacgucgugggaacacg..... 1
 Gi3_27613372_x5.....aAcgccgucagggccccgcc..... 1
 Gi2_10631380_x5.....cgUagacgucgugggaacacggggugc..... 1
 Gi2_10622360_x5.....Gcggaucggagacgucgugggaacacg..... 1
 Gi3_27568737_x5.....gaagagaagcggccGcaggcccc..... 1
 Gi3_27658127_x5.....aucggGgacgucgugggaacacggggugc..... 1
 Gl1a_5732142_x5.....uggaacacacggggugAcgaacu..... 1
 Gi3_27642907_x5.....ucgugggaacGcggggugc..... 1
 Gi1_4005680_x5.....cgugggaacacacggggugccgaaU..... 1
 Gi2_10593860_x5.....aucggagacgucgugggCacacggg..... 1
 Gi2_10626965_x5.....gucgugggaaAacggggugccgaac..... 1
 Gi1_3994290_x5.....ggaacacggggugccgaCcu..... 1
 Gi2_10648365_x5.....aagGgaagcggccgucagggcc..... 1
 Gi3_27566312_x5.....gCcgugggaacacggggugcc..... 1
 Gi2_10642885_x5.....cgucgugggaacCcggggugccg..... 1
 Gi3_27589932_x5.....cggaUacgucgugggaacacggggug..... 1

Gi3_27651497_x5.....cagggcccAccaguacugcgau.....1
 Gi2_10640475_x5.....guUgugggaacacggggugc.....1
 Gi2_10608630_x5.....cgccgucagggcccGgu.....1
 Gi3_27597267_x5.....aucggagacgucgCggga.....1
 Gi2_10601500_x5.....gGcccgccaguacugcgau.....1
 Gi2_10644450_x5.....gcgaucggGgacgucgugggaacacggggugcc.....1
 Gi2_10633510_x5.....aucggagacgucgugggaCca.....1
 Gi2_10608595_x5.....cgggagacgucgugggaacacggggugAc.....1
 G1a_5747237_x5.....gugggaacacggggugcAgaacu.....1
 Gi1_4013205_x5.....aacacggggugccgaacG.....1
 Gi2_10624460_x5.....gugggaacacgAggugccg.....1
 Gi2_10641485_x5.....gucGggccccgccaguacugc.....1
 Gi3_27631947_x5.....gugggaacacgCgugccga.....1
 Gi3_27565552_x5.....Ucgaucggagacgucgugggaacacggg.....1
 Gi2_10644955_x5.....gugNgaacacggggugccgaac.....1
 Gi5_8569227_x5.....gacgucgugAgaacacggggugccgaacu.....1
 Gi2_10609830_x5.....ggcccUgccaguacugcgau.....1
 Gi3_27561062_x5.....ucgugggaacacggggCgccga.....1
 Gi3_27566632_x5.....ugggaacacggggugcGgaac.....1
 G1a_5732667_x5.....agagaagcgccgucaggc.....0
 Gi2_10642765_x5.....Aaacacggggugccgaac.....1
 Gi2_10644635_x5.....ggaNcacggggugccgaac.....1
 Gi2_10622470_x5.....ggaCcacggggugccgaacu.....1
 Gi3_27606072_x5.....agcgccguNaggccccgccagu.....1
 Gi1_3996775_x5.....aucggagacgucgugggaacacggU.....1
 Gi3_27608952_x5.....agUgaagcgccgucagggcccgc.....1
 Gi3_27640987_x5.....cgucagggcccAccaguacugcg.....1
 Gi2_10597460_x5.....ugggaacacggggCgccg.....1
 Gi1_4016735_x5.....gucgugggaacacggggugccgaGcu.....1
 Gi2_10598245_x5.....cgucAugggaacacggggugccgaacu.....1
 Gi5_8578217_x5.....agacgucgugggaacacggggugccgCacu.....1
 Gi3_27606307_x5.....agaagcgcNguhagggcccgcga.....1
 Gi5_8596497_x5.....GucggagacgucgugggaacacggggU.....1
 G1a_5746677_x5.....auUggagacgucgugggaacacggg.....1
 Gi3_27645367_x5.....cNugggaacacggggugccgaacu.....1
 Gi2_10634400_x5.....aggccccgccaguacugcgC.....1
 G1a_5763037_x5.....aucggagacgucgugggaGcacggg.....1
 Gi3_27656372_x5.....gacgucgugggaacacggggugUcgaacu.....1
 Gi3_27553877_x5.....uGggagacgucgugggaacacggg.....1
 Gi1_3999865_x5.....ggGgacgucgugggaaca.....1
 G1a_5758467_x5.....Gcaguacugcgauaggagacguc.....1
 Gi2_10631180_x5.....cagggcAcgccaguacugcgau.....1
 Gi3_27654152_x5.....gccCcagggccccgccaguacugcg.....1
 Gi2_10603395_x5.....ugggaacacggggUAccgaac.....1
 Gi2_10618185_x5.....aUcgccgucagggccccccagua.....1
 Gi5_8576517_x5.....ucagggccccgccaguacugcA.....1
 Gi3_27657422_x5.....cgucgugggaacacggAgugcc.....1

Gi2_10602425_x5.....aUuacugcgauccggagacg..... 1
 Gi2_10639275_x5.....aucggUgacgucgugggaacacggggugc..... 1
 Gi5_8564632_x5.....aGcggagacgucgugggaacacggggugcc..... 1
 Gi4_535428_x5.....ugggaacaNggggugccgaacu..... 1
 Gi5_8590832_x5.....gugggaacacggggugccA..... 1
 Gi2_10592945_x5.....uGggagacgucgugggaacacggggugcc..... 1
 Gi3_27599372_x5.....gcgaucggagacgucgugggaacacggggugc..... 0
 Gi2_10613945_x5.....ugggaCcacggggugccgaac..... 1
 Gi2_10592100_x5.....aggcAccgccaguacugc..... 1
 Gi3_27692357_x4.....cgAcaggccccccagacuacugc..... 1
 Gi2_10696751_x4.....cgAcgugggaacacggggugcc..... 1
 Gi3_27709313_x4.....gcUaguacugcgauccggagacgu..... 1
 Gi2_10715159_x4.....gGagagaagcgccgucagggccc..... 1
 Gi3_27756253_x4.....cgucaggccccAccagacuacugc..... 1
 Gi1_4040560_x4.....gCaacacggggugccgaac..... 1
 Gi3_27666501_x4.....ggagacgucgugggaacacggggGgcc..... 1
 Gi5_8623699_x4.....gaacacggggugccgaCc..... 1
 Gi2_10689999_x4.....cAugggaacacggggugccgaa..... 1
 Gi3_27672397_x4.....ugggaacacggggUaccg..... 1
 Gl1_5804558_x4.....gugggaacGcggggugccgaac..... 1
 Gi5_8643479_x4.....ggaacacgCggugccgaacu..... 1
 Gi3_27789073_x4.....agUagcgccgucagggccccgccc..... 1
 Gi2_10719643_x4.....aggccccgccGguacugcga..... 1
 Gi3_27782029_x4.....uUggagacgucgugggaacacggggugcc..... 1
 Gi4_542842_x4.....acgucgugNgaacacggggugccgaacu..... 1
 Gi3_27786917_x4.....cgccagacuacugcgauccggCgac..... 1
 Gi3_27734657_x4.....cgugggaacacgAgugccga..... 1
 Gi3_27762549_x4.....acgNcgugggaacacggggugccgaacu..... 1
 Gi3_27781733_x4.....cGcgccagacuacugcgauccggaga..... 1
 Gi2_10657403_x4.....gacgucgugggaacacggggugcAgaacu..... 1
 Gi3_27788337_x4.....ggaacacggggugcGgaacu..... 1
 Gi3_27768609_x4.....cguggAaacacggggugcc..... 1
 Gi2_10691119_x4.....Gccgccagacuacugcgauccggagacguc..... 1
 Gi3_27681077_x4.....caggccccccagacuCugc..... 1
 Gi3_27665969_x4.....cgucgugggaaAacggggugc..... 1
 Gi2_10697295_x4.....acgucgugggCacacggggugccgaacu..... 1
 Gi3_27752033_x4.....caggGccccccagacuacugcg..... 1
 Gi5_8647267_x4.....Agggaacacggggugccgaac..... 1
 Gi1_4028704_x4.....gggaacacggggugccgUacu..... 1
 Gi3_27680529_x4.....acgucgugggCacacggggugcc..... 1
 Gi5_8604675_x4.....aggccccAccagacuacugcgauc..... 1
 Gi2_10713683_x4.....ugggaGcacggggugccgaacuu..... 1
 Gi3_27721649_x4.....Accagacuacugcgauccggagacgu..... 1
 Gi5_8644647_x4.....ucgugggaNcacggggugccgaac..... 1
 Gi5_8618879_x4.....gugggaacacggggugccgCacuu..... 1
 Gi3_27718313_x4.....gagaagcgccgCcaggccccgc..... 1
 Gi3_27790693_x4.....caggcUccgccagacuacugcg..... 1

Gi2_10658167_x4.....Uagacgucgugggaacacggg..... 1
 Gi2_10669555_x4.....aucggagacgucgCgggaacacg..... 1
 Gi5_8614939_x4.....aucggagaNgcugcugggaacacg..... 1
 Gi5_8620015_x4.....gucgugggaacacggggugAcggaacu..... 1
 Gi2_10717167_x4.....acgucugNgaacacggggugccg..... 1
 Gi2_10696691_x4.....ccgccaguacugcgGucggag..... 1
 Gi2_10664867_x4.....gagGagcgccgucagggcccgcc..... 1
 Gi2_10711947_x4.....cguAggaacacggggugccgaa..... 1
 Gi2_10684231_x4.....gugggaacaAggggugccgaa..... 1
 Gi3_27705109_x4.....gucaggccNcgccaguacugc..... 1
 Gi3_27729773_x4.....acgCcgugggaacacggggugccgaa..... 1
 Gi5_8611951_x4.....ugggaacacUgggugccgaaacu..... 1
 G1a_5793330_x4.....aucggagaNgcugcuggga..... 1
 Gi2_10672811_x4.....cAucaggccccgccaguacugc..... 1
 Gi2_10704951_x4.....ggccAcgccaguacugcgauc..... 1
 Gi1_4029492_x4.....Ugagacgucgugggaacacggggug..... 1
 Gi2_10718943_x4.....guggCaacacggggugccg..... 1
 Gi3_27761993_x4.....caggccccgccaguacuAcgau..... 1
 Gi2_10693675_x4.....uGggaacacggggugccgaa..... 1
 Gi1_4034972_x4.....gaagcgccgucagggccc..... 0
 Gi2_10694623_x4.....caggGccccgccaguacugcg..... 1
 Gi5_8608931_x4.....Ugacgucgugggaacacggggugccgaaacu..... 1
 Gi2_10675939_x4.....ggccccgccaguacugcgCu..... 1
 Gi2_10715031_x4.....cgugggaacacgAggugc..... 1
 Gi1_4036300_x4.....Uaucggagacgucgugggaacacggggg..... 1
 G1a_5776970_x4.....gUagacgucgugggaaca..... 1
 Gi2_10687167_x4.....gccgucagggccccgccCguacugcg..... 1
 Gi3_27794453_x4.....ggaUcacggggugccgaa..... 1
 Gi3_27723293_x4.....acgucAugggaacacggggugccgaa..... 1
 Gi3_27687029_x4.....cgugggaacacggggGgc..... 1
 Gi1_4047116_x4.....Ncgugggaacacggggugccgaaacu..... 1
 Gi3_27753817_x4.....cgucguggAaacacggggugcc..... 1
 Gi1_4020904_x4.....Gucggagacgucgugggaacacggggugcc..... 1
 Gi2_10697815_x4.....cgucgugggaacacggggugccAaacu..... 1
 Gi1_4024780_x4.....cgucaggcNccgccaguacugc..... 1
 Gi5_8647387_x4.....aggccccgccaguacugcgaCc..... 1
 Gi1_4024348_x4.....gacgucgugggaacacggggGgccgaaacu..... 1
 Gi3_27663973_x4.ccuuaacCcgguccgaa..... 1
 Gi4_543830_x4.....Uaacacggggugccgaaacu..... 1
 Gi3_27788965_x4.....gacgucgugggaacGcggg..... 1
 G1a_5787506_x4.....cUugggaacacggggugccg..... 1
 Gi2_10675807_x4.....gaucggagacgucgugggaacacggggAgc..... 1
 Gi2_10700259_x4.....Ugacgucgugggaacacggggugccgaa..... 1
 Gi2_10655259_x4.....Cgagacgucgugggaacacggggugccg..... 1
 Gi2_10706099_x4.....gaucggagacgucgugggCacacg..... 1
 Gi2_10681247_x4.....cggagacgucgugggaacacggggugccgaa..... 0
 Gi3_27679521_x4.....gaucggagacgucgugggGacacg..... 1

Gi2_10709723_x4.....gaucggagacgucguggGaca..... 1
 Gi3_27787533_x4.....aggccccgccaguCucgcaucgg..... 1
 Gi2_10676187_x4.....cggagacgucgugggaGcacggggugc..... 1
 Gi4_540638_x4.....cAugggaacacggggugccgaacu..... 1
 Gi3_27732497_x4.....ucgugggUacacggggugccgaac..... 1
 Gi5_8603663_x4.....ucgugggaacacggggugccgaGc..... 1
 Gi2_10722959_x4.....gaucggagGcgucgugggaacacggggugcc..... 1
 Gi2_10719719_x4.....cguggAaacacggggugcc..... 1
 Gi1_4042960_x4.....cccgccaguacugcgauccgagacguc..... 0
 Gi3_27726897_x4.....cgccaguacugcgauccgagacgCc..... 1
 Gi3_27687089_x4.....cgucgugggaacacgAggugccgaac..... 1
 Gi2_10653143_x4.....ccUgccaguacugcgauccgagac..... 1
 Gi5_8615267_x4.....agacgucgugggaacacggggugccGacu..... 1
 Gi2_10689119_x4.....ucgugggaacacggggugcAgaac..... 1
 Gi3_27666533_x4.....cucguuccgaauuaCgaaga..... 1
 Gi2_10681079_x4.....cgucgugggaacacAggugcccg..... 1
 Gi2_10655183_x4.....agagaagcgccgucagggccccgccaguacugc..... 0
 Gi1_4019672_x4.....gGucggagacgucgugggaacac..... 1
 Gi3_27746973_x4.....cggagacgucgugggaGcacggggugcc..... 1
 Gi2_10706939_x4.....aacNcggggugccgaacu..... 1
 Gi2_10693239_x4.....ugggUacacggggugccgaac..... 1
 Gi3_27772873_x4.....Aagaagcgccgucagggccccgc..... 1
 Gi3_27784565_x4.....gacgucgugggaacGcggggugccgaac..... 1
 Gi2_10702115_x4.....agagaGgcgccgucagggcccc..... 1
 Gi3_27705521_x4.....aucggagaUgucgugggaacac..... 1
 Gi1_4039652_x4.....aucggGgacgucgugggaacac..... 1
 G1a_5773834_x4.....cgugggaCcacggggugccgaacu..... 1
 Gi1_4025724_x4.....aCcacggggugccgaacu..... 1
 Gi2_10665487_x4.....cCugggaacacggggugccga..... 1
 Gi2_10664167_x4.....aggccccgcUaguacugcga..... 1
 Gi5_8605335_x4.....gGccccccaguacugcgaucc..... 1
 Gi2_10717987_x4.....gaGcggagacgucgugggaacac..... 1
 Gi5_8614831_x4.....Augggaacacggggugccgaa..... 1
 Gi2_10716187_x4.....ggagacgucgugggaGcacggggugc..... 1
 Gi3_27674629_x4.....caggccccccaUuacugcg..... 1
 Gi3_27728941_x4.....aucggagacgucgugggaacacAggugc..... 1
 G1a_5789090_x4.....cgugggaacacggggGgcccgaacu..... 1
 Gi3_27691761_x4.....gaUaagcgccgucagggccccgc..... 1
 Gi2_10686251_x4.....ucggagacgucgugggCacacg..... 1
 Gi2_10662999_x4.....cccgccaguacugcgauccUg..... 1
 Gi3_27740505_x4.....agGacugcgauccgagacgucgug..... 1
 Gi3_27776897_x4.....cgucguAgggaacacggggugccg..... 1
 Gi2_10713623_x4.....aucggCgacgucgugggaacac..... 1
 Gi3_27779857_x4.....agUgccgucagggccccccagu..... 1
 Gi5_8627263_x4.....gugggaacacggggugcUga..... 1
 Gi3_27670941_x4.....gUcaguacugcgauccga..... 1
 Gi5_8619859_x4.....ucgugggaacacgggUgugccgaacu..... 1

Gi3_27719861_x4.....ugggaacaAggggugccgaa..... 1
Gi5_8622431_x4.....guggUaacacggggugccga..... 1
Gi3_27721625_x4.....Gcggagacgucgugggaacac..... 1
Gi1_4020556_x4.....aggccccgccaguacugcgau..... 0
Gi3_27781765_x4.....aggccccgUcaguacugc..... 1
Gi1_4039552_x4.....cgugggaacacggggCgccgaacu..... 1
Gi2_10712563_x4.....ggagacgucgugggaacacggggAgcc..... 1
Gi3_27670713_x4.....ugggaacacggggGgccgaa..... 1
Gi2_10664875_x4.ccuuaacuNquuccgaau..... 1
Gi3_27789473_x4.....ucgNgggaacacggggugccgaacu..... 1
Gi5_8609507_x4.....ugggaacacAggugccgaac..... 1
Gi3_27661253_x4.....gaUgucgugggaacacggg..... 1
Gi3_27791701_x4.....gAgaacacggggugccgaa..... 1
Gi3_27693133_x4.....gaacacggggugUcgaac..... 1
Gi5_8624055_x4.....ugggaacacggggugccgaG..... 1
Gi2_10711519_x4.....aucggagaNgcugugggaacacgg..... 1
Gi2_10691099_x4.....gucguAggaacacggggugcc..... 1
Gi2_10694747_x4.....cgugggGacacggggugccg..... 1
Gi2_10706903_x4.....gccccgccaguacugcgauA..... 1
Gi4_539354_x4.....aUacgucgugggaacacggggugccgaacu..... 1
Gi1_4027564_x4.....agagaagcgcgucagggccccccaguacugcg..... 0
Gi2_10673219_x4.....ccccgccaguacuAcgauc..... 1
Gi3_27749145_x4.....cCccgucagggccccccag..... 1
Gi3_27782921_x4.....cggagacgucguAggaacacggggugcc..... 1
Gi3_27756937_x4.....aucggagacgucguggAaacacggggugccga..... 1
Gi2_10655803_x4.....ucaggccccgccaguacCgc..... 1
Gi5_8604615_x4.....aggccccgccaguacugcgGuc..... 1
Gi2_10715359_x4.....aggccccgccaguacAgcgau..... 1
Gi2_10664671_x4.....ucUggccccgccaguacugcgauC..... 1
Gi3_27717045_x4.....gaAcggagacgucgugggaacacggg..... 1
Gi3_27669845_x4.....cgucgugggaacacggggugccgaaU..... 1
Gi3_27770669_x4.....cUucagggccccgccaguacugcgauC..... 1
Gi3_27659433_x4.....aUcacggggugccgaacu..... 1
Gi3_27703777_x4.....Uacgucgugggaacacggggugccgaa..... 1
Gi2_10669831_x4.....gugggaacacgUggugcc..... 1
Gi3_27702589_x4.....gccccgccCguacugcgau..... 1
Gi2_10683255_x4.....ggaacacggggugccAaa..... 1
Gi1_4019432_x4.....cGggccccgccaguacugc..... 1
Gi1_4035496_x4.....gggaacacggggugAcgaacu..... 1
Gi2_10722015_x4.....gugggaacacgggAugccg..... 1
Gi3_27792073_x4.....acgucgugggaacacggggugcAga..... 1
Gi3_27793193_x4.....Gggagacgucgugggaacac..... 1
Gi1_4040668_x4.....cgucgugggaacacggggAccgaacu..... 1
Gi3_27729553_x4.....cgucgugggaacacggggAgccg..... 1
Gi1_4043696_x4.....cgucgugggaacacggggugccgGacu..... 1
Gi3_27689141_x4.....aggcccGgccaguacugcgauC..... 1
Gi3_27754637_x4.....aggccccgCaguacugcgauC..... 1

Gi5_8641743_x4.....guggaacCcggggugcc..... 1
 Gi3_27768413_x4.....aAcggagacgucgugggaacac..... 1
 Gi2_10713743_x4.....gacgucgugggaacacggggGgccg..... 1
 Gl1_5775066_x4.....ugggaacacggggugccgaac..... 0
 Gi1_4039392_x4.....auUggagacgucgugggaacacggggugcc..... 1
 Gi3_27759553_x4.....cgugggCacacggggugccga..... 1
 Gi1_4036936_x4.....gacgucgugggaacacggggGgccg..... 1
 Gi1_4031496_x4.....ugggaacacggggugccgaacAu..... 1
 Gi3_27716637_x4.....cucguuccgaauaggaagagaagcgccguc..... 0
 Gi5_8604455_x4.....gucaggccNcgccaguacugcg..... 1
 Gi2_10665879_x4.....Gccgccaguacugcgauccggagac..... 1
 Gi3_27787865_x4.....guacugcgNucgggagacg..... 1
 Gi1_4032420_x4.....gcgaucggagacgucgugggaacacggggugc..... 0
 Gi1_4028944_x4.....ggagacgucgugggaUacggggug..... 1
 Gi2_10679827_x4.....gaacacggggugGcgaacu..... 1
 Gi3_27763745_x4.....cgucaAgccccgccaguacugcg..... 1
 Gi4_543106_x4.....Cugggaacacggggugccgaacu..... 1
 Gi3_27696929_x4.....cgucGggccccgccaguacugc..... 1
 Gi3_27752757_x4.....ggccccgccaguacugcgaC..... 1
 Gi3_27695501_x4.....ggAaacacggggugccga..... 1
 Gi3_27711601_x4.....cCccaguacugcgauccggagac..... 1
 Gi3_27796145_x4.....ucgugggaGcacggggugccgaa..... 1
 Gi5_8625051_x4.....Ggacgucgugggaacacggggugc..... 1
 Gi3_27756501_x4.....aucggagacgucgugggCacacggggugcc..... 1
 Gi1_4031264_x4.....aacacggggugAcgaacu..... 1
 Gi5_8638359_x4.....cgucguggAaacacggggugccgaacu..... 1
 Gi3_27683105_x4.....aggccccgccagGacugcg..... 1
 Gi3_27735993_x4.....ucgugggaGcacggggugccg..... 1
 Gi3_27706697_x4.....Agagacgucgugggaacacg..... 1
 Gi2_10651315_x4.....gggaacacggggugccgaG..... 1
 Gi5_8621015_x4.....Gaguacugcgauccggagacgucgug..... 1
 Gi5_8627695_x4.....cCugggaacacggggugccgaac..... 1
 Gi3_27752597_x4.....ucggagacgucgugggaGcacg..... 1
 Gi3_27712817_x4.....aucgCagacgucgugggaacacggg..... 1
 Gi2_10685459_x4.....aucggagacgucgugggaacacgggAu..... 1
 Gi5_8607371_x4.....cgugggaacacgggUugccgaacu..... 1
 Gi3_27722713_x4.....cgugAgaacacggggugccg..... 1
 Gl1_5776298_x4.....aacacggggugccAaacu..... 1
 Gi2_10720291_x4.....Ucgauccggagacgucgugggaaca..... 1
 Gi2_10663359_x4.....Uggccccgccaguacugcga..... 1
 Gi3_27685129_x4.....Ugacgucgugggaacacggggugccgaacu..... 1
 Gi3_27702717_x4.....ucgugggaacacggggugccgUac..... 1
 Gi5_8618463_x4.....gugggaCcacggggugccgaac..... 1
 Gi5_8608747_x4.....acgucgugggaacacggggugAcgaacu..... 1
 Gi2_10665791_x4.....acgucgugggaaAacggggugcc..... 1
 Gi3_27725993_x4.....cccgccagNacugcgauccggagacgu..... 1
 Gi1_4028512_x4.....aGgucgugggaacacggggugccg..... 1

Gi2_10687595_x4.....aggccccgccUguacugcga..... 1
 Gi2_10710131_x4.....Gguacugcgauccggagacgucg..... 1
 Gi2_10710311_x4.....ucgugggGacacggggugcc..... 1
 Gi1_4040048_x4.....acgucgugggaacacggggugccGacu..... 1
 Gi2_10687451_x4.....gAgaacacggggugccgaa..... 1
 Gi3_27736177_x4.....ccccgccaguacugcgauccggagacgC..... 1
 Gi2_10652635_x4.....aggcAccgccaguacugcgaucc..... 1
 Gi2_10689771_x4.....aggccccgccaguacugcgauccggagacgucgu..... 0
 Gi1_4038772_x4.....gucgugggaacacgAggugccgaacu..... 1
 Gi3_27723725_x4.....cccgccaguacugcgauccggCgac..... 1
 Gi3_27669941_x4.....gccgucagggccccgccagCacugcg..... 1
 Gi5_8617675_x4.....cgugggaacacggggCgccgaac..... 1
 Gi3_27753805_x4.....cggagacgucgugggaacGcgggu..... 1
 Gi2_10688615_x4.....ucgugggaacacggggugccgaCc..... 1
 Gi3_27695717_x4.....agacgucgugggaacacggggugccgaGc..... 1
 Gi5_8643723_x4.....acgucgAgggaacacggggugccgaacu..... 1
 Gi2_10691539_x4.....ugggaUcacggggugccgaacu..... 1
 Gi3_27717561_x4.....cgccaguacugcgGucggagacguc..... 1
 Gi2_10678207_x4.....cgugggaacUcggggugcc..... 1
 Gi4_541546_x4.....gugggaacacggggugccgaUc..... 1
 Gi3_27661861_x4.....aucggagCcgucgugggaacacgg..... 1
 Gi3_27683429_x4.....gggaacacggggAgccgaa..... 1
 Gi3_27723457_x4.....ucagggcccAccaguacugcg..... 1
 Gi3_27663073_x4.....aUgagaagcgccgucagggccccgccagua..... 1
 Gi3_27692733_x4.....gacgucgAgggaacacggggugccgaacu..... 1
 Gi3_27753081_x4.....Aaagagaagcgccgucagggccccgcc..... 1
 Gi3_27756549_x4.....ggccccgccaguacugcgauccggagacguc..... 0
 Gi1_4024168_x4.....gugggaacNcggggugccg..... 1
 Gi3_27790589_x4.....cgucgGgggaacacggggugcc..... 1
 Gi2_10682839_x4.....caggccccgUcaguacugcgaucc..... 1
 Gi2_10686743_x4.ccuuaacucguuccgaaC..... 1
 Gi2_10660043_x4.....ucggagacNucgugggaacacgggg..... 1
 Gi1_4042752_x4.....ucguCggaacacggggugccgaacu..... 1
 Gi2_10700615_x4.....agacgucgugggaacacggggugcUgaacu..... 1
 Gi2_10666627_x4.....cgugggCacacggggugccgaac..... 1
 Gi3_27717401_x4.....cgugggaacaUggggugccga..... 1
 Gi3_27707389_x4.....gaucggagacgCcgugggaacacgggg..... 1
 Gi3_27788957_x4.....ggccccgUcaguacugcgaucc..... 1
 Gi3_27745049_x4.....cgugggaacaUggggugccg..... 1
 Gi3_27740641_x4.....cgucgugggaGcacggggugcc..... 1
 Gi3_27788733_x4.....gaucggagacgucgugggaaAacggg..... 1
 Gi5_8620307_x4.....acugcgauNggagacgucgug..... 1
 Gl1_5802902_x4.....uggAaacacggggugccgaacu..... 1
 Gi3_27681205_x4.....gGucggagacgucguggg..... 1
 Gi3_27700957_x4.....cgucgugggaacaUggggugc..... 1
 Gi3_27719301_x4.....aggccccAccaguacugcga..... 1
 Gl1_5792706_x4.....Aaacacggggugccgaac..... 1

Gi2_10704723_x4.....caggccccgccaguGcugcg..... 1
 Gi2_10702375_x4.....uggAaacacggggugccga..... 1
 Gi2_10692675_x4.....acgucgugggaacacggggugcUgaacu..... 1
 Gi2_10722983_x4.....ugggaacacgggAugccgaac..... 1
 Gi2_10700343_x4.....aacacgggCugccgaacu..... 1
 Gi2_10688351_x4.....caggccccgcUaguacugcg..... 1
 Gi1_4030328_x4.....Ggugggaacacggggugccgaacu..... 1
 Gi2_10654279_x4.....ggaacacgCggugccgaacu..... 1
 G1a_5812278_x4.....gugggaacGcggggugccga..... 1
 Gi1_4045568_x4.....ggagacgucgugggGacacggggugcc..... 1
 Gi3_27783429_x4.....cguUgugggaacacggggugc..... 1
 Gi1_4034184_x4.....ucgugggaacacggggugccgaaA..... 1
 Gi3_27738965_x4.....ucgNgggaacacggggugccgaac..... 1
 Gi3_27785533_x4.....cucguuccgaauuaggaaga..... 0
 Gi3_27698253_x4.....caggccccgccaguacCgcga..... 1
 Gi5_8631955_x4.....caggccccgccaguGcugcg..... 1
 Gi2_10661295_x4.....gugggaacacggggugccU..... 1
 Gi1_4040776_x4.....gGcuggggaacacggggug..... 1
 Gi2_10682075_x4.....gaAcggagacgucguggga..... 1
 Gi2_10664755_x4.....Gucggagacgucgugggaa..... 1
 Gi2_10718483_x4.....gugggaacacggggugcUgaa..... 1
 Gi3_27714501_x4.....cgugggaacacgggCugccga..... 1
 Gi2_10709127_x4.....aggccccgccaguacugAg..... 1
 Gi2_10666823_x4.....ggagacgucgugggaacacggggCgc..... 1
 Gi2_10676687_x4.....gugggaacacggggugcGgaac..... 1
 Gi5_8641303_x4.....cUggccccgccaguacugcgauc..... 1
 Gi3_27794833_x4.....aucggagacgucAugggaaacacgg..... 1
 Gi5_8606687_x4.....cgugggaacaUggggugccgaac..... 1
 Gi2_10695463_x4.....aggccccgccaguacugAga..... 1
 Gi3_27785317_x4.....gaacacggggugccgGac..... 1
 Gi3_27660885_x4.....ugggUacacggggugccg..... 1
 Gi2_10712363_x4.....cgucgugggaacacggggugccgaaUu..... 1
 Gi3_27747221_x4.....Ggacgucgugggaacacgggg..... 1
 Gi5_8617983_x4.....gugAgaacacggggugccga..... 1
 Gi1_4036552_x4.....cggagacgucgugggGacacggggugcc..... 1
 Gi5_8624931_x4.....gugggaacacggggCgcc..... 1
 Gi3_27699357_x4.....caggAcccgccaguacugcgauc..... 1
 Gi5_8621383_x4.....gacgucgugggaacacggggCgcgaacu..... 1
 Gi1_4041360_x4.....gaaNacggggugccgaacu..... 1
 Gi1_4039560_x4.....aacacgCgugccgaacu..... 1
 Gi3_27689197_x4.....Gggagacgucgugggaacacgggg..... 1
 Gi3_27726041_x4.....cUgagacgucgugggaacacggggugccg..... 1
 Gi2_10658979_x4.....aggccccgccaguacuAc..... 1
 Gi3_27705985_x4.....gccccgagCacugcgauc..... 1
 Gi3_27794513_x4.....Aaucggagacgucgugggaac..... 1
 Gi3_27710817_x4.....aCacgucgugggaacacggggugccgaacu..... 1
 Gi3_27793241_x4.....gugggaUcacggggugccga..... 1

Gi1_4025908_x4	cguggaaNacggggugccgaac	1
Gi1_4031100_x4	aGcggagacgucguggaacacgg	1
Gi3_27702173_x4	gucguggaacacggggugccgUac	1
Gi3_27763037_x4	cgUcaguacugcgauccggagac	1
Gi2_10714919_x4	aucggagacgucguggaacCcgggug	1
Gi1_4033604_x4	guggaacNcggggugccgaac	1
Gi1_4044024_x4	cgauccggagacgucgugg	0
Gi1_4034680_x4	Gcguggaacacggggugccg	1
Gi1a_5810490_x4	Gguggaacacggggugc	1
Gi2_10688631_x4	gUucggagacgucguggaacacg	1
Gi2_10703519_x4	Agucguggaacacggggugcc	1
Gi2_10664399_x4	ucguggaacacggggUaccg	1
Gi2_10660951_x4	aucggagacgucguggaacCcgggugc	1
Gi3_27704337_x4	gGaaagcgcgcgucagggccc	1
Gi1_4035276_x4	uggaacacggAgugccgaacu	1
Gi1_4043352_x4	acgucguggaacacggggugccAaacu	1
Gi5_8638243_x4	cGggccccgccaguacugcgau	1
Gi3_27700981_x4	ggCacacggggugccgaac	1
Gi1_4033888_x4	uggaacacUggggugccgaacu	1
Gi2_10667995_x4	gaagcgcgcgucagggcccgc	0
Gi3_27721025_x4	gggaacacggggugccUaac	1
Gi3_27677221_x4	ucaggcUccgccaguacugc	1
Gi2_10671311_x4	gGcaguacugcgauccgga	1
Gi3_27661701_x4	cguggaacacAgggugccgaa	1
Gi2_10655663_x4	gggaacacggggugccgaaU	1
Gi3_27717021_x4	agacUucguggaacacggggugccgaac	1
Gi3_27733805_x4	cgucguggaacCcgggugccg	1
Gi3_27692461_x4	aucggagacgucguggaacacgggU	1
Gi1_4020488_x4	agggccccgccaguacugcgauccggagacg	0
Gi3_27701273_x4	ucggagacNucguggaacacgg	1
Gi5_8641103_x4	cGcggggugccgaacu	1
Gi2_10704323_x4	acgucguggaacacggggugccgaUc	1
Gi3_27674045_x4	Aucaggccccgccaguacugcg	1
Gi3_27743773_x4	acguAguggaacacggggugccgaacu	1
Gi2_10679871_x4	uggaacacAgggugccgaacu	1
Gi5_8611779_x4	guggaacacggggGccga	1
Gi2_10688163_x4	gaucggagacgucgCgggaacacggggug	1
Gi1a_5803606_x4	ggaaUacggggugccgaacu	1
Gi5_8641007_x4	gucguggaacacggggUaccgaacu	1
Gi4_539670_x4	cUccaguacugcgauccggagacgucgug	1
Gi3_27712373_x4	cgucguggaacacggggugccgaG	1
Gi2_10666675_x4	guggaCcacggggugccgaa	1
Gi2_10655843_x4	guggaacacggggugccUaac	1
Gi3_27696765_x4	cgUucggagacgucguggg	1
Gi2_10678979_x4	gggaacacCggggugccgaacu	1
Gi2_10658199_x4	cggagacgucguggAaacacggggugcc	1
Gi2_10667583_x4	gGucggagacgucguggaac	1

Gi3_27693937_x4.....cccgccagCacugcgauC.....1
 Gi3_27687213_x4.....gagGcgucgugggaaacacggggugccgaac.....1
 Gi2_10706683_x4.....ucgAgggaaacacggggugccgaac.....1
 Gi3_27748285_x4.....cgucgugggaaacacggggugccGac.....1
 Gi2_10668207_x4.....ucgugggaaacacggAgugccgaac.....1
 Gi3_27796081_x4.....gccccgccaguacugcgCuc.....1
 Gi1_4023168_x4.....gucgugggaaacacggggugccAaacu.....1
 Gi3_27795245_x4.....aagGgaagcgccgucagggc.....1
 Gi3_27787737_x4.....gagacgucgugggaaacacggggC.....1
 Gi3_27776525_x4.....gaagagGagcgccgucagggccc.....1
 Gi2_10661215_x4.....cccgccaguacugcgauCggGgac.....1
 Gi1_4038824_x4.....acgucgugggaaacGcggggugccgaacu.....1
 Gi2_10678671_x4.....ucaggccccgccaguacugcgGuc.....1
 Gi2_10663879_x4.....gaucggagacgCcgugggaaacacggggugc.....1
 Gi5_8603943_x4.....Aucaggccccgccaguacugcg.....1
 Gi2_10697951_x4.....ucgugCgaacacggggugccgaacu.....1
 Gi3_27682801_x4.....acugcgauNggagacgucgu.....1
 Gi5_8605147_x4.....uAggaacacggggugccgaa.....1
 Gi3_27769929_x4.....cgucgugggaaacacgAgggugcc.....1
 Gi3_27778257_x4.....gUagagaagcgccgucagggccc.....1
 Gi3_27683977_x4.....ccUgccaguacugcgauCggag.....1
 Gi2_10711879_x4.....ccaguacugcgauCggGgacguc.....1
 G1a_5796122_x4.....ggaacaUggggugccgaacu.....1
 Gi3_27710389_x4.....gaucggagacgucgugggaaacacggggGgc.....1
 G1a_5807098_x4.....cgucaggcNccgccaguacugcg.....1
 Gi2_10723243_x4.....gaacGcggggugccgaac.....1
 Gi2_10658387_x4.....cgugggaaacacggggugcUgaa.....1
 Gi3_27668329_x4.....Agggaaacacggggugccg.....1
 Gi3_27794509_x4.....ucaggccUcgccaguacugc.....1
 Gi1_4038064_x4.....uAggaacacggggugccgaac.....1
 Gi3_27742317_x4.....gaCcgagacgucgugggaaaca.....1
 Gi5_8647759_x4.....ucgCgggaacacggggugccgaac.....1
 Gi3_27790425_x4.....cgugggaaacCcggggugccgaa.....1
 Gi2_10705439_x4.....gUacacggggugccgaac.....1
 G1a_5782854_x4.....aucggagacgucgugggGacacggg.....1
 Gi2_10682659_x4.....Cgggaacacggggugccga.....1
 Gi2_10676559_x4.....gacgucgugggaaacacggggugccgaacu.....1
 G1a_5797370_x4.....gugggaaacacggggugccgaacu.....1
 Gi1_4018052_x4.....cggagacgNcgugggaaacacggggugc.....1
 Gi2_10716535_x4.....cggagacguUgugggaaacacggggugcc.....1
 Gi3_27764245_x4.....ccccgccaNuacugcgauCgga.....1
 Gi3_27749517_x4.....acguUgugggaaacacggggugccgaac.....1
 G1a_5796114_x4.....acucguuccgaauuaggaaga.....0
 Gi2_10676867_x4.....aucggagUcgucgugggaaacacggggg.....1
 Gi3_27697785_x4.....gacgucguAggaacacggggugccgaacu.....1
 Gi1_4020944_x4.....gggaacacggggugUcgaacu.....1
 Gi2_10710563_x4.....ugggaacCcggggugccga.....1

Gi3_27666805_x4.....gugggaacacggggugccUaa..... 1
Gi2_10686083_x4.....cCugggaacacggggugccgaa..... 1
Gi3_27669081_x4.....cgugggaacaUggggugc..... 1
Gi3_27718989_x4.....aucgUagacgucgugggaacac..... 1
Gi1_4031116_x4.....gGacugcgauccggagacgucg..... 1
Gi3_27685481_x4.....ucaggccccgccaguacugcA..... 1
Gi2_10688691_x4.....Caucggagacgucgugggaacacggggu..... 1
Gi2_10708799_x4.....aucggagaUgucgugggaacac..... 1
Gi3_27747393_x4.....cgccaguaNugcgauccggagac..... 1
Gi5_8649291_x4.....aaGacggggugccgaacu..... 1
Gi2_10715947_x4.....aucggagacAucgugggaacacggggugc..... 1
Gi5_8617403_x4.....gUagacgucgugggaaca..... 1
Gi3_27707665_x4.....cgucUugggaacacggggugccga..... 1
Gi3_27708965_x4.....gucaggccNcgccaguacugcg..... 1
Gi5_8625791_x4.....cgugggaacacggggugccAaac..... 1
Gi2_10702467_x4.....caggccccUgccaguacugcgaucc..... 1
Gi1_4037992_x4.....ugggaacacggggugccgaUc..... 1
G1a_5792962_x4.....aCaagcgccgucaggccccgc..... 1
Gi3_27663717_x4.....gaucggagacgucgugggaacacA..... 1
Gi3_27760837_x4.....aggccccgccaguCcuugcg..... 1
Gi3_27792861_x4.....agUcugcugugggaacacggggugccgaac..... 1
Gi3_27678173_x4.....acgucAugggaacacggg..... 1
Gi2_10717723_x4.....cggagacgucguUggaacacggggugc..... 1
Gi2_10702903_x4.....caggccccAccaguacugcg..... 1
G1a_5799366_x4.....gggaacacggggGgccgaacu..... 1
Gi2_10674383_x4.....ggccccgccagCacugcgau..... 1
Gi2_10717627_x4.....ucaggccccgccaguacuAcgauc..... 1
Gi1_4022212_x4.....caggccccgccaguacugcgaCc..... 1
Gi2_10702883_x4.....gaucggagacgucgugggaacacgggAu..... 1
Gi1_4027332_x4.....uGugggaacacggggugc..... 1
Gi3_27664593_x4.....caggccccCccaguacugcg..... 1
Gi3_27722881_x4.....gucaggccccgccagCacugc..... 1
Gi1_4023196_x4.....gucgugggaacGcggggugccgaacu..... 1
Gi3_27698145_x4.....agaagcgcNgcagccccgccagu..... 1
Gi2_10713151_x4.....cGgccaguacugcgauccggag..... 1
Gi3_27757849_x4.....cgucgugggaacacggggugcUg..... 1
Gi1_4034264_x4.....aGgcgcccugcaggccccgccaguacug..... 1
Gi3_27664669_x4.....cgugggaacacgggAugccgaa..... 1
Gi2_10650619_x4.....aCacgucgugggaacacggggugcc..... 1
G1a_5800046_x4.....aucggagGcgucgugggaacacggg..... 1
Gi2_10652755_x4.....gGgaagcgcgucaggccccgc..... 1
Gi2_10684399_x4.....ggaacacgNggugccgaa..... 1
Gi5_8607575_x4.....gucgugggNacacggggugccgaac..... 1
G1a_5797090_x4.....guUggaacacggggugccgaac..... 1
Gi3_27737241_x4.....Cccaguacugcgauccggagacgu..... 1
Gi5_8609639_x4.....Agggaacacggggugccgaa..... 1
Gi3_27733185_x4.....cgucaggcUccgccaguacug..... 1

Gi2_10676839_x4.....ucaggccccgccUguacugcgauC.....1
 Gi2_10668115_x4.....gaucAgagacgucgugggaaacacggg.....1
 Gi5_8641975_x4.....ugUgaucggagacgucgugggga.....1
 Gi2_10714687_x4.....cgCcaggccccgccaguacugcg.....1
 Gi2_10651807_x4.....ugggaacaGggggugccgaacu.....1
 Gi5_8649595_x4.....aucggagacgucguggggaGcacg.....1
 Gi3_27725537_x4.....gagaagcgccgucagggcUcgc.....1
 Gi5_8631847_x4.....ggcUccgccaguacugcgauC.....1
 Gi3_27795073_x4.....aucggagacgucgugAgaacacggg.....1
 Gi3_27699033_x4.....gaagagaagcgccgucCgg.....1
 Gi3_27763609_x4.....gccaguacCgcaucggagacgu.....1
 Gi5_8617719_x4.....agacgucgugggaaacacggggugccgaGcu.....1
 Gi2_10668551_x4.....ugggaacacgggCugccgaac.....1
 Gi3_27739329_x4.....cAccaguacugcgauCggagacguc.....1
 Gi1_4040956_x4.....caguacugcgauCggagacgucU.....1
 Gi3_27700353_x4.....gacgucguggggaCcacggggugccgaacu.....1
 G1a_5794974_x4.....UaggccccgccaguacugC.....1
 Gi2_10675075_x4.....aUgucgugggaaacacggggugccgaac.....1
 Gi5_8616231_x4.....gugggaacNcggggugcc.....1
 Gi1_4025240_x4.....Uugggaacacggggugccgaa.....1
 Gi2_10718559_x4.....gggGacacggggugccgaa.....1
 Gi2_10677415_x4.....aacacggggugccgaUcu.....1
 G1a_5792278_x4.....Ggaucggagacgucgugg.....1
 Gi3_27756629_x4.....aucggagacgAcgugggaaacacggggg.....1
 Gi2_10690667_x4.....aucggagacgucgugggaaacacggggugU.....1
 Gi1_4027792_x4.....gucguAggaacacggggugccgaacu.....1
 Gi2_10718983_x4.....gaucggagacgucgugggaaUacggg.....1
 Gi3_27788673_x4.....gUcugcugggaaacacggggugccgaac.....1
 Gi3_27730501_x4.....caggccccCccaguacugcgauC.....1
 Gi3_27754909_x4.....UccccgccaguacugcgauCggagac.....1
 Gi5_8608435_x4.....aucggagacgucguggggaCcacggggg.....1
 Gi2_10704715_x4.....ucagAccccgccaguacugcgauC.....1
 G1a_5774446_x4.....gucgugggNacacggggugccgaacu.....1
 Gi2_10703771_x4.....gGcugcugggaaacacggggugc.....1
 Gi2_10698011_x4.....gugggaacUcggggugccg.....1
 Gi3_27670061_x4.....gNgggaacacggggugccgaacu.....1
 Gi3_27768725_x4.....cgccaguaNugcgauCggagacgucgug.....1
 G1a_5786810_x4.....cgugggaacacggggugccgaCc.....1
 Gi2_10718815_x4.....GccgccaguacugcgauCggaga.....1
 G1a_5807754_x4.....gugggaacacggggGgcc.....1
 G1a_5775102_x4.....aucggagaNgcugggaaacacggg.....1
 Gi3_27698697_x4.....cccgccaguacugcgauCggagCcguc.....1
 Gi3_27715981_x4.....caggccccgccUguacugcg.....1
 Gi2_10720983_x4.....auUggagacgucgugggaaacacg.....1
 Gi5_8603019_x4.....cgugggaacacCgggugccgaacu.....1
 Gi3_27770877_x4.....agUgaagcgccgucagggccccgca.....1
 Gi3_27777973_x4.....ucggagacNucgugggaaac.....1

Gi3_27723117_x4.....gagaagcgccgAcaggccccgc..... 1
 Gi3_27790765_x4.....cccgccaguacugcgaucaAga..... 1
 Gi2_10668663_x4.....caggccccgccGguacug..... 1
 Gi3_27706781_x4.....gugggaacacgCggugccga..... 1
 Gi5_8627283_x4.....gggaacacgUgugccgaacu..... 1
 Gi2_10720059_x4.....aggccccgccGguacugcgauccgga..... 1
 Gi3_27741437_x4.....cugcgauccggagacgucgugggaacacggggug..... 0
 Gi2_10659311_x4.....Uaagcgccgucaggccccgccaguacug..... 1
 Gi2_10675799_x4.....gucgugggaacacggggugccgaUc..... 1
 Gi2_10661719_x4.....cgucgCgggaacacggggugccga..... 1
 Gi2_10689395_x4.....cGguacugcgauccggagacgucgu..... 1
 G1a_5795834_x4.....aucggagacgucgugggaCcacggg..... 1
 Gi2_10666131_x4.....gggaaAacggggugccgaac..... 1
 Gi3_27681521_x4.....ucgugggGacacggggugccg..... 1
 G1a_5771386_x4.....cgUucggagacgucgugg..... 1
 Gi1_4018832_x4.....acUucgugggaacacggggugccgaacu..... 1
 Gi3_27670673_x4.....Ccugcugugggaacacggggugccgaac..... 1
 Gi2_10708987_x4.....ggagacgucgugggaCcacggggugcc..... 1
 Gi2_10704887_x4.....aggccccgGcaguacugcgauca..... 1
 Gi3_27736169_x4.....ucgugCgaacacggggugccgaacu..... 1
 Gi2_10699187_x4.....aggcUccgccaguacugcg..... 1
 Gi3_27780521_x4.....aucggagacgucgugggaaAacggg..... 1
 Gi3_27682281_x4.....aucggagacgucgGgggaacacggggu..... 1
 Gi2_10671831_x4.....gaagcgccgucaggccccgccCgu..... 1
 Gi2_10657831_x4.....aucggagacgucgugggCacacggggug..... 1
 Gi2_10673451_x4.....gugggaacUcggggugcc..... 1
 Gi2_10686079_x4.....gaUgcgccgucaggccccgc..... 1
 Gi3_27757393_x4.....gucaggccccgccaguCcug..... 1
 Gi2_10712459_x4.....gaucggagacgucgugggaacacggggGgcc..... 1
 Gi2_10693955_x4.....gaAcggagacgucgugggaacacggggg..... 1
 Gi3_27703125_x4.....gucgugggaacGcggggugc..... 1
 Gi1_4022344_x4.....aucggagacgucgugggaU..... 1
 Gi2_10680863_x4.....gagacgucgugggaacGcggggug..... 1
 Gi3_27695413_x4.....Uucgugggaacacggggugccgaacu..... 1
 Gi2_10654759_x4.....caggccccgccaguacugcgac..... 1
 Gi2_10651723_x4.....ucgugUgaacacggggugccgaacu..... 1
 Gi3_27756909_x4.....ggaacacggggugcUgaa..... 1
 Gi3_27782153_x4.....acacggggugccAaacuu..... 1
 Gi3_27742841_x4.....gccaguacugcgauccggGgacgu..... 1
 Gi1_4029584_x4.....gccgucagggccccgccCguacu..... 1
 Gi5_8622043_x4.....gggaacacgUggugccgaacu..... 1
 Gi1_4042580_x4.....aacNcggggugccgaacu..... 1
 Gi2_10652087_x4.....cUggccccgccaguacugcgau..... 1
 Gi1_4018700_x4.....guggUaacacggggugcc..... 1
 Gi2_10715863_x4.....gGacugcgauccggagacgucg..... 1
 Gi2_10657759_x4.....acgucgugggaCcacggggugccgaacu..... 1
 Gi2_10653491_x4.....cgugggaacacgAgugccga..... 1

Gi2_10656843_x4.....Cucagggccccgccaguacug..... 1
 Gi3_27775337_x4.....ucUggccccgccaguacugc..... 1
 Gi2_10702943_x4.....aucggagacgucgugAgaacac..... 1
 Gl1_5771014_x4.....Aaucggagacgucguggg..... 1
 Gi2_10688423_x4.....acgucgugggaacGcggggugcc..... 1
 Gi2_10708519_x4.....aggccccgcAaguacugcgau..... 1
 Gi2_10655223_x4.....aucAgagacgucgugggaacacggg..... 1
 Gl1_5773222_x4.....aucggagacgucgugggaacacggggugccgaacu..... 0
 Gi5_8639555_x4.....cgucgugggaacacggggGgcc..... 1
 Gi3_27690821_x4.....ucggagacgucgugggaacacggggC..... 1
 Gi2_10673467_x4.....agacAucgugggaacacggggugcc..... 1
 Gi5_8627811_x4.....ugggaacacgggCugccgaac..... 1
 Gi2_10655827_x4.....agUcgcgugggaacacggggugc..... 1
 Gi4_544682_x4.....gugggaacacggggugcc..... 0
 Gi3_27788373_x4.....ugggCacacggggugccga..... 1
 Gi3_27694661_x4.....ggagacgucgugggGacacg..... 1
 Gi3_27723277_x4.....ucagggccccgccaguGcugcg..... 1
 Gi3_27685641_x4.....Ccgagacgucgugggaacacggggugcc..... 1
 Gi2_10706547_x4.....gggaacacgUggugccgaacu..... 1
 Gi3_27733157_x4.....cgucguUggaacacggggugccgaacu..... 1
 Gi3_27687049_x4.....acguGgugggaacacggggugccgaacu..... 1
 Gi2_10725383_x4.....aggccccgccaguCcugcg..... 1
 Gl1_4034648_x4.....aggccccgccaguGcugcgau..... 1
 Gl1_5771934_x4.....ugcgauccggagacgucgugggaacacggggg..... 0
 Gi3_27733717_x4.....gucagggccccgccGguacugc..... 1
 Gi3_27763373_x4.....gucgugggaacacggggugUcgaac..... 1
 Gi3_27714377_x4.....aucggagacgucgugggaacacggggGacg..... 1
 Gi2_10715431_x4.....gUcgcgugggaacacggggugccgaacu..... 1
 Gi3_27664317_x4.....caggccAcgccaguacugcgau..... 1
 Gi5_8604019_x4.....ugggaacacggggugccAaa..... 1
 Gi5_8639299_x4.....gGgacgucgugggaacacggggugccgaacu..... 1
 Gl1_4033860_x4.....guggCaacacggggugccgaacu..... 1
 Gl1_4028996_x4.....gAgggaacacggggugccgaac..... 1
 Gi3_27679689_x4.....ggagacgucgugggaacacgggggUaccg..... 1
 Gi3_27730721_x4.....guUgugggaacacggggugc..... 1
 Gi2_10653975_x4.....gacgucgugggaacacggggugccAaacu..... 1
 Gi3_27690457_x4.....gaucggagacAucgugggaacacg..... 1
 Gi4_543190_x4.....caggccccgccaguacugcg..... 0
 Gi3_27743201_x4.....cgucgugggaacacgggAugc..... 1
 Gi2_10685323_x4.....caggccccgUcaguacug..... 1
 Gl1_4035880_x4.....Gcggagacgucgugggaacacg..... 1
 Gi2_10682851_x4.....ccgucaggNcccgccaguacugc..... 1
 Gi2_10716435_x4.....Agccccgccaguacugcgauccg..... 1
 Gi3_27727421_x4.....Ggccgucaggccccgccaguacu..... 1
 Gi3_27781861_x4.....aucggagacgucgugggaacacggggugAc..... 1
 Gi3_27676801_x4.....gucgugggaacacAgggugcc..... 1
 Gi3_27736513_x4.....cgucUggccccgccaguacugc..... 1

Gi2_10698795_x4.....cCucagggccccgcaguacugc..... 1
 Gi3_27752801_x4.....gGgacgucgugggaacac..... 1
 Gi2_10691295_x4.....Uaagcgccgucagggccccccagu..... 1
 Gi1_4035844_x4.....acgucgugggaacacgAggugccgaacu..... 1
 Gi2_107117871_x4.....agggcccCccaguacugcgau..... 1
 Gi2_10663267_x4.....gugggaacacggggugccC..... 1
 Gi3_27671713_x4.....ugggaacacggggGgccga..... 1
 Gi2_10700367_x4.....gagGcgucgugggaacacggggugc..... 1
 Gi3_27665753_x4.....gagacgucgCgggaacacgggg..... 1
 Gi2_10707427_x4.....agggcccgcaguacugGgau..... 1
 Gi2_10714491_x4.....guNggaacacggggugccgaac..... 1
 Gi5_8604567_x4.....gucgugggaacacggggugccgaaUu..... 1
 Gi1_4037592_x4.....aucggagaNgcgucgugggaacacgggg..... 1
 Gi2_10665855_x4.....Caucggagacgucgugggaacacggg..... 1
 Gi3_27700041_x4.....cgucgugggaaUacggggugcc..... 1
 Gi5_8625411_x4.....aucggagacgucgugggaCcacggg..... 1
 Gi4_538718_x4.....gacgucgugggaacacggggugccgaacuu..... 0
 Gi3_27779685_x4.....agggcccgcaguacuAcgau..... 1
 Gi3_27686069_x4.....gGgccgucagggccccccagu..... 1
 Gi3_27667849_x4.....aGgagaagcgccgucagggccccccagu..... 1
 Gi2_10714459_x4.....aucggCgacgucgugggaacacggggugc..... 1
 Gi3_27739449_x4.....cgucgugggaacacggUgugccgaacu..... 1
 Gi2_10712171_x4.....Gagcgccgucagggccccccaguacugc..... 1
 Gi1_4021380_x4.....Ucgucgugggaacacggggugccgaacu..... 1
 Gi2_10667823_x4.....cccgccagNacugcgauccggag..... 1
 Gi1_4032344_x4.....ucgugggaacacAgggugccgaac..... 1
 Gi3_27795205_x4.....cgugggaacacggggGgccgaa..... 1
 Gl1_5775334_x4.....aguacugcgaCcgagacguc..... 1
 Gi2_10674407_x4.....cgugggaacacgggAugcc..... 1
 Gi3_27725405_x4.....gccgucagggccccccCguacugcg..... 1
 Gi1_4038304_x4.....uAgugggaacacggggugccgaacu..... 1
 Gi3_27781701_x4.....cGccgccaguacugcgauccggagacguc..... 1
 Gi2_10681047_x4.....ucUugggaacacggggugccg..... 1
 Gi1_4036500_x4.....cgccaguacugcgauccggagacg..... 0
 Gi3_27770577_x4.....gagacgucgugggaacacggggugccgaCcu..... 1
 Gl1_5805126_x4.....Uaagcgccgucagggcccccc..... 1
 Gi3_27766353_x4.....gucAuggggaacacgggg..... 1
 Gi3_27717629_x4.....agagGagcgccgucagggcccccc..... 1
 Gi5_8624767_x4.....aucggagaNgcgucgugggaacacgggg..... 1
 Gl1_5807370_x4.....gcUaguacugcgauccggagacguc..... 1
 Gi2_10716295_x4.....agggcccgcaguacugcgauA..... 1
 Gi2_10691219_x4.....gaucggagacgucgugggaacacAggg..... 1
 Gi3_27703261_x4.....cgNggggaacacggggugccgaac..... 1
 Gi2_10656451_x4.....ccccAccaguacugcgau..... 1
 Gi3_27741353_x4.....cccgccaguGcugcgauccggag..... 1
 Gi5_8631799_x4.....auUggagacgucgugggaacacgggg..... 1
 Gi4_543594_x4.....gaacacggggugccgaac..... 0

Gi5_8647967_x4.....gugggaaUacggggugccgaac..... 1
 Gi2_10713587_x4.....gucgugggaacaUggggugccgaac..... 1
 Gi3_27699773_x4.....cgucaggccccccaAuacugc..... 1
 Gi3_27670309_x4.....cgccaguNcugcgauccggagacg..... 1
 Gi4_539622_x4.....cgGgggaacacggggugccgaacu..... 1
 Gi5_8635359_x4.....gCgaacacggggugccgaac..... 1
 Gi2_10693271_x4.....ugggaacacgggAugccgaa..... 1
 Gi3_27766429_x4.....agacgucgugggGacacggggugccgaacu..... 1
 Gi3_27726705_x4.....gucgugggaacacggggugccgaaU..... 1
 Gi2_10673959_x4.....aAcgggagacgucgugggaacacg..... 1
 Gi3_27771821_x4.....Ggaucggagacgucguggg..... 1
 Gi2_10701339_x4.....Aggaacacggggugccgaa..... 1
 Gi3_27794437_x4.....cgccaguacugcgauccggCgacg..... 1
 Gi2_10653319_x4.....acgucgugggCacacggggugc..... 1
 Gi3_27666957_x4.....ggaaUacggggugccgaa..... 1
 Gi3_27670549_x4.....cgucaggccccAccaguacug..... 1
 Gl1a_5790038_x4.....agagaagcggcugacggccccgccaguacugc..... 0
 Gi3_27667609_x4.....uggAaacacggggugccga..... 1
 Gi2_10707471_x4.....gaucggagacgucgugggaacGc..... 1
 Gi2_10665959_x4.....ugggaacacggAgugccg..... 1
 Gi3_27714717_x4.....Gguacugcgauccggagacgu..... 1
 Gi2_10694191_x4.....aAacgucgugggaacacggggugccgaacu..... 1
 Gi2_10721699_x4.....Ugagacgucgugggaacacggggugccgaa..... 1
 Gi3_27694593_x4.....cgugAgaacacggggugc..... 1
 Gi1_4025284_x4.....ucgugggaUacggggugccgaacu..... 1
 Gi3_27686881_x4.....uGgugggaacacggggugccgaa..... 1
 Gi3_27708985_x4.....gggagacgucgCgggaacacggggugcc..... 1
 Gi2_10678563_x4.....cgggagacgucgugggaacacggggugcU..... 1
 Gi2_10653691_x4.....Cgagacgucgugggaacacggggug..... 1
 Gi3_27659337_x4.....gGagcggcugacggccccgccc..... 1
 Gi1_4025856_x4.....Ugaacacggggugccgaacuu..... 1
 Gi3_27785525_x4.....gucgugggGacacggggugcc..... 1
 Gi3_27777817_x4.....cAgagacgucgugggaacacggggugcc..... 1
 Gi2_10666899_x4.....gacgCcgugggaacacggggugcc..... 1
 Gi5_8610871_x4.....gugggGacacggggugccga..... 1
 Gi3_27707877_x4.....cgccgucaNgccccgccagu..... 1
 Gi2_10653591_x4.....gggCacacggggugccgaacu..... 1
 Gi1_4021340_x4.....cgugggaacacgggCugccgaacu..... 1
 Gi2_10711211_x4.....aggccccgccaguCcugcga..... 1
 Gi4_538762_x4.....ggaaacacggggugccgaaA..... 1
 Gi3_27790997_x4.....gagacgucNugggaacacggggugccgaacu..... 1
 Gi2_10711451_x4.....cgucaggccccgccGguacugc..... 1
 Gi3_27787969_x4.....cgccgucaggccccAccaguacugc..... 1
 Gi2_10690275_x4.....cgugggaacacggggugccgaacuu..... 0
 Gi3_27745005_x4.....ucGggccccgccaguacugcg..... 1
 Gi2_10704039_x4.....acugcgauccggagacgucgug..... 0
 Gi2_10691855_x4.....aucggagacgucgugggaCcacgg..... 1

Gi3_27662149_x4.....cgugggaacacggggugccCaacu..... 1
Gi1_4044232_x4.....acgucgugggaacacggggugUcgaacu..... 1
Gi2_10697039_x4.....acAucgugggaacacggggugccgaacu..... 1
Gi5_8604307_x4.....Cugggaacacggggugcc..... 1
Gi2_10708443_x4.....cgucgugggaacacAgggugccga..... 1
Gi1_4042292_x4.....cgugggaacacggggugccgC..... 1
Gi3_27733677_x4.....cgugggUacacggggugcc..... 1
Gi3_27705125_x4.....gggaacacggggugGcgaacu..... 1
Gi1_4026088_x4.....ugggaacacggggugccgGac..... 1
Gi3_27691169_x4.....cgucaggccccgccagCacugcg..... 1
Gi2_10694179_x4.....cgucgugggaacacggggugccA..... 1
Gi4_539850_x4.....gucgGgggaacacggggugccgaacu..... 1
Gi2_10659323_x4.....aucggagCcgucgugggaacacggggugcc..... 1
Gi3_27723269_x4.....cUgagacgucgugggaacacggggugccgaacu..... 1
Gi1_4041324_x4.....Ggggaacacggggugccg..... 1
G1a_5775038_x4.....Uacgucgugggaacacggggugccgaacu..... 1
Gi2_10702979_x4.....cguuccgaauuaggaagagaagcgccgc..... 0
Gi3_27732241_x4.....ucaggccccUgccaguacugcgauC..... 1
Gi3_27794153_x4.....aucggagacgucgugggGacacgggg..... 1
Gi2_10725371_x4.....gucgugggaacacggggCgc..... 1
Gi2_10657643_x4.....gacguUgugggaacacgggg..... 1
Gi3_27697101_x4.....gggaacacggggugccgaCcuu..... 1
Gi1_4023156_x4.....agacgucgugggaacacggggugcUgaacu..... 1
Gi3_27725885_x4.....UccgccaguacugcgauC..... 1
Gi2_10699671_x4.....cGgccaguacugcgauCggagacg..... 1
Gi2_10684891_x4.....ggagacgucgugggaaca..... 0
Gi3_27736561_x4.....AuacugcgauCggagacgucgug..... 1
Gi2_10657707_x4.....agacgucgugggaacacggggugccgGacu..... 1
Gi2_10700199_x4.....gauCgagacgucguggga..... 1
Gi1_4038800_x4.....ucgCgggaacacggggugccg..... 1
Gi3_27791489_x4.....ccccgccaguacugcgCu..... 1
Gi3_27713085_x4.....cCccaguacugcgauCggagacgu..... 1
G1a_5787258_x4.....cAugggaacacggggugccgaacu..... 1
Gi1_4031712_x4.....ucguUggaacacggggugcc..... 1
Gi2_10684815_x4.....aucggagacguUgugggaacac..... 1
Gi3_27780785_x4.....gauCgagacgucgugggaacacg..... 1
Gi3_27785953_x4.....cgucgugAgaacacggggugccg..... 1
Gi3_27684109_x4.....cggagGcgucgugggaacacgggg..... 1
Gi2_10720747_x4.....gucgugggGacacggggugc..... 1
Gi3_27708737_x4.....ugAgaacacggggugccg..... 1
Gi3_27788077_x4.....ucgGgggaacacggggugccg..... 1
Gi2_10676327_x4.....gccccgccGguacugcgauC..... 1
Gi3_27705485_x4.....guggCaacacggggugccg..... 1
G1a_5805342_x4.....GguacugcgauCggagac..... 1
Gi1_4031656_x4.....aUacgucgugggaacacggggugccgaac..... 1
Gi2_10708887_x4.....agacgucgugggaacacggggugccgaGcu..... 1
Gi5_8649447_x4.....acgucgugggaAacggggugccgaacu..... 1

Gi3_27783793_x4.....gggaacaAggggugccgaac..... 1
 Gi4_538806_x4.....gugggaacacggggGgccgaacu..... 1
 Gi5_8618343_x4.....cgucgugggaacacggggugccgaacG..... 1
 Gi2_10661371_x4.....gaacacggggugccAaac..... 1
 Gi3_27780277_x4.....gUcgcugugggaacacggg..... 1
 Gi1_4039732_x4.....ugggaacacggAgugccgaac..... 1
 Gi3_27684157_x4.....gucguUggaacacggggugccgaacu..... 1
 Gi3_27718185_x4.....gGacacggggugccgaacuu..... 1
 Gi3_27771361_x4.....gucgugggaacacggggugAcgaac..... 1
 Gi3_27784989_x4.....cgucgugggaacacggggugccgUacu..... 1
 Gi3_27669029_x4.....gggaUcacggggugccgaac..... 1
 Gi2_10683087_x4.....gggaacacgggUugccgaacu..... 1
 Gi2_10665843_x4.....uGgugggaacacggggugcc..... 1
 Gl1a_5804430_x4.....cgucaggcNccgccaguacugc..... 1
 Gi3_27784761_x4.....aucggagacgucgGgggaacacggg..... 1
 Gi3_27736237_x4.....caggGcccgccaguacugcgauC..... 1
 Gi3_27701277_x4.....GggccccgccaguacugcgauCggagacg..... 1
 Gi5_8624251_x4.....gacgucgCgggaacacggggugccgaacu..... 1
 Gi1_4020072_x4.....cgucgugggaacacggggugcUgaacu..... 1
 Gi5_8649775_x4.....aucgUagacgucgugggaacacg..... 1
 Gl1a_5811330_x4.....cUucgugggaacacggggugccgaacu..... 1
 Gi3_27792749_x4.....GggccccgccaguacugcgauCg..... 1
 Gi2_10718055_x4.....cccgccaguacugcgGucggagac..... 1
 Gi3_27750213_x4.....aUacgucgugggaacacggggugccgaa..... 1
 Gi3_27736213_x4.....aguacugcNaucggagacguc..... 1
 Gi5_8645363_x4.....aGgagaagcgccgucagcggccg..... 1
 Gi2_10655647_x4.....aucggagacgucgugggaCc..... 1
 Gi5_8622655_x4.....gugggaacacggggugAcgaac..... 1
 Gl1a_5769298_x4.....aagagaagcgccgucaggc..... 0
 Gi1_4032256_x4.....cUugggaacacggggugcc..... 1
 Gi1_4042664_x4.....Ggcgaucggagacgucguggga..... 1
 Gi3_27773521_x4.....agaagcgccgucagAcccc..... 1
 Gi3_27661909_x4.....ucgugggaacCcggggugc..... 1
 Gi3_27686601_x4.....cccgccaguacugcgCucgg..... 1
 Gi2_10680839_x4.....acgucgugggGacacggggugc..... 1
 Gi5_8637743_x4.....gaucggagacgucgugggaacacggggugc..... 0
 Gi3_27698393_x4.....aUgucgugggaacacggggugcc..... 1
 Gi3_27729933_x4.....cgucgugggaacacggAgugccgaac..... 1
 Gi3_27699597_x4.....acgucgugUgaacacggggugccgaac..... 1
 Gi2_10723551_x4.....agagaagcNccgucagggccc..... 1
 Gi2_10701051_x4.....cgUagacgucgugggaacacggggugcc..... 1
 Gl1a_5782586_x4.....aGugcgaucggagacguc..... 1
 Gi3_27744901_x4.....GaguacugcgauCggagacguc..... 1
 Gi1_4037488_x4.....ggagacgucgugggaacacggggugccgaac..... 0
 Gi3_27719197_x4.....gccAUuacugcgauCggagacguc..... 1
 Gi2_10692987_x4.....aggcUccgccaguacugc..... 1
 Gi3_27733253_x4.....cggagacgucgugAgaacacggggugcc..... 1

Gi2_10650715_x4.....gucgugggaacCcggggugc..... 1
 Gi1_4031884_x4.....auUggagacgucgugggaacacg..... 1
 Gi1_4028344_x4.....cgCcgugggaacacggggugcc..... 1
 Gi1_4047268_x4.....ggagacgCcgugggaacacggggugcc..... 1
 Gi3_27747437_x4.....ugggaacacggCgugccgaac..... 1
 Gl1a_5797466_x4.....guNggaaacacggggugccgaacu..... 1
 Gi2_10722551_x4.....cguAggaaacacggggugcc..... 1
 Gi5_8605439_x4.....gucguggAaacacggggugccgaacu..... 1
 Gi2_10658047_x4.....cgugggaacacgggAugc..... 1
 Gi3_27713849_x4.....Ggaucggagacgucgugggaacacggggugcc..... 1
 Gi1_4019344_x4.....aucggagacgucgugggaaca..... 0
 Gi1_4040904_x4.....aUacgucgugggaacacgggg..... 1
 Gi3_27705081_x4.....cGgucagggccccccagucg..... 1
 Gi1_4047696_x4.....ggaacacggguUccgaacu..... 1
 Gi1_4028444_x4.....Ugugggaacacggggugccgaac..... 1
 Gi3_27707805_x4.....aucggagacgucgGgggaacacgggg..... 1
 Gi2_10686883_x4.....gugggaacacggggugccgGa..... 1
 Gi3_27727281_x4.....Caagagaagcgccgucagggccc..... 1
 Gi1_4046432_x4.....ucgugggaacacggggGgccgaac..... 1
 Gi3_27678489_x4.....gccgucagAccccgccagucg..... 1
 Gl1a_5808614_x4.....cUucagggccccccaguc..... 1
 Gl1a_5794482_x4.....cGaguacugcgaucggagacguc..... 1
 Gi2_10654827_x4.....cgucgugggaacacggggAgcc..... 1
 Gi3_27735437_x4.....Ccaggccccgccagucg..... 1
 Gi3_27694533_x4.....agacgucgugggaGcacgggugccgaac..... 1
 Gi3_27718065_x4.....acGgcgaucggagacgucg..... 1
 Gi2_10660479_x4.....aucggagacgucgugggCacacgg..... 1
 Gi3_27716605_x4.....ugggaacacgggguCccgaac..... 1
 Gi3_27720757_x4.....cgUucggagacgucgugggaacacg..... 1
 Gi2_10708615_x4.....cgccaguaUugcgaucggagac..... 1
 Gi2_10718503_x4.....aacacggUgugccgaacu..... 1
 Gi3_27775585_x4.....gGacugcgaucggagacgu..... 1
 Gi3_27763209_x4.....cagggAccgccagucg..... 1
 Gi2_10720603_x4.....cgugggaGcacgggugccgaa..... 1
 Gl1a_5770242_x4.....cGguacugcgaucggagacgu..... 1
 Gi1_4025196_x4.....ggaacacggggCgccgaac..... 1
 Gi5_8648679_x4.....gaaAacgggugccgaacu..... 1
 Gi5_8604559_x4.....agacgucguAggaaacacggggugccgaacu..... 1
 Gi2_10697299_x4.....aucggagCcgucgugggaacacggg..... 1
 Gi2_10712395_x4.....gacgCcgugggaacacggggugccgaacu..... 1
 Gi3_27757225_x4.....ucggagacgucgugggaacacggggAgcc..... 1
 Gi3_27792301_x4.....cgugggaacacAgggugcc..... 1
 Gi3_27741125_x4.....cgucguggNaacacgggugccgaa..... 1
 Gi2_10653783_x4.....gAgggaacacggggugccgaa..... 1
 Gl1a_5809158_x4.....cagggccccccagucgGg..... 1
 Gi2_10665167_x4.....cgucgugAgaacacgggugccga..... 1
 Gi2_10678487_x4.....ucggagacgucgugggaacacggggC..... 1

Gi3_27768137_x4.....aucggUgacgucgugggaacacggggu..... 1
 Gi2_10687223_x4.....ugggaacacggggAgccgaac..... 1
 Gi2_10652547_x4.....cgucAugggaacacggggugccga..... 1
 Gi3_27750069_x4.....agacgucgugggaacGcggggugccga..... 1
 Gi3_27754081_x4.....guUgugggaacacggggu..... 1
 Gi2_10683771_x4.....aucggagacgucgugAgaacacggg..... 1
 Gi3_27775837_x4.....gugggaacacggCgugcc..... 1
 Gi1_4017984_x4.....gggaacacggggugccgaa..... 0
 Gi3_27685233_x4.....cgccGguacugcgauccgagacgu..... 1
 Gi5_8630143_x4.....ucgNgggaacacggggugccgaacu..... 1
 G1a_5788794_x4.....aucggagacgucgAgggaacacggggu..... 1
 Gi3_27781837_x4.....acAucgugggaacacggggugccgaac..... 1
 Gi2_10660671_x4.....gaucUgagacgucgugggaacacggggug..... 1
 Gi3_27783237_x4.....aucggagacgucgugggaacaUggggu..... 1
 Gi3_27763577_x4.....Uccgucagggccccgccaguacug..... 1
 Gi3_27714145_x4.....cUgucagggccccgccaguacugc..... 1
 Gi2_10667991_x4.....uGggaacacggggugccga..... 1
 Gi2_10664275_x4.....gGagagaagcgccgucagggccccg..... 1
 Gi2_10670675_x4.....gaucggagNcgucgugggaacac..... 1
 Gi1_4027268_x4.....gugggaacGcggggugccgaac..... 1
 Gi2_10702675_x4.....ccccgccagAacugccgauc..... 1
 Gi2_10696771_x4.....gCacacggggugccgaacu..... 1
 Gi2_10708903_x4.....gugggaacacgggguUccgaac..... 1
 Gi3_27692653_x4.....cgucgugggCacacggggugccgaacu..... 1
 Gi3_27670469_x4.....ggccccgcNaguacugcga..... 1
 Gi3_27669709_x4.....aucggagacgucgugggaacacgCg..... 1
 Gi2_10682535_x4.....ucgugggaNcacggggugccgaa..... 1
 Gi3_27675697_x4.....auUgggagacgucguggga..... 1
 Gi1_4039688_x4.....cgugggaaNacggggugccga..... 1
 Gi1_4040100_x4.....Uaagagaagcgccgucagggccccccagu..... 1
 Gi3_27681253_x4.....Nacacggggugccgaacu..... 1
 Gi3_27739721_x4.....cccgccagNacugcgauccggag..... 1
 Gi3_27717033_x4.....gccgucagggccccgccCguac..... 1
 Gi3_27783021_x4.....Cggaacacggggugccga..... 1
 Gi5_8633391_x4.....agacgucgugggaacacggggGgccgaacu..... 1
 Gi2_10660843_x4.....ggaacacgggguCccgaacu..... 1
 Gi3_27778497_x4.....aucggagacgucgugUgaacacg..... 1
 Gi3_27714361_x4.....gaucggagacgucAugggaacacggg..... 1
 Gi3_27699993_x4.....Ggagaagcgccgucagggc..... 1
 Gi1_4019952_x4.....cgccgucagggccccgccaguacugc..... 0
 Gi3_27742953_x4.....aUgagaagcgccgucagggcccc..... 1
 Gi2_10691983_x4.....ugAgaacacggggugccga..... 1
 Gi3_27671825_x4.....Gcgucagggccccgccaguacugcg..... 1
 Gi5_8622475_x4.....cgugggaacacgAggugccgaac..... 1
 Gi2_10679019_x4.....ucgugggaacacUgggugccgaac..... 1
 Gi5_8623515_x4.....gggaacacggggGgccgaa..... 1
 Gi3_27674801_x4.....ugggaacacgUggugccgaac..... 1

Gi3_27770733_x4.....ccccgccaguaUugcgauC.....1
Gi4_539982_x4.....cUucaggccccgccaguacugC.....1
Gi3_27780773_x4.....aucggagaGgucgugggaaacacggg.....1
Gi3_27761589_x4.....aucggagacgucguAggaacac.....1
Gi5_8629723_x4.....cguggaaacacgggguCccgaacu.....1
Gi3_27691109_x4.....gAagacgucgugggaaacacggggugcc.....1
Gi3_27698093_x4.....cgucaggccccgccaguacCgcg.....1
Gi3_27755005_x4.....aggccccgccaguacugAga.....1
Gi2_10654287_x4.....caggccUcgccaguacugcgauC.....1
Gi1_4037868_x4.....aCggagacgucgugggaaacacg.....1
Gi3_27692645_x4.....gaucggagCcgucgugggaaacacggggu.....1
Gi3_27760833_x4.....uggaaacacgAggugccg.....1
Gi3_27697221_x4.....cguUguggaaacacgggugccgaac.....1
Gi3_27768489_x4.....cgUcaguacugcgauCggaga.....1
Gi1a_5787546_x4.....uggaaacacgggguAccgaacu.....1
Gi2_10680463_x4.....Ggagaagcgccgucagggccccgcc.....1
Gi3_27749609_x4.....UguacugcgauCggagacg.....1
Gi3_27791829_x4.....agacgucgugggaaacacggggugcAgaacu.....1
Gi2_10669615_x4.....guggaaacacggUgugccgaa.....1
Gi5_8614675_x4.....gaacacCgggugccgaacu.....1
Gi3_27659185_x4.....gCacacggggugccgaac.....1
Gi3_27734585_x4.....aGacggggugccgaacuu.....1
Gi1_4040760_x4.....gggaacUcggggugccgaacu.....1
Gi1_4019580_x4.....guggaaacacggggCgcc.....1
Gi2_10683511_x4.....aagagaagNgccgucagggccccgcc.....1
Gi3_27724069_x4.....ggagGcgucgugggaaacacggggu.....1
Gi2_10666047_x4.....aucggagacgucgugAgaacacggggugcc.....1
Gi3_27730009_x4.....gGgacgucgugggaaacacggggugccg.....1
Gi2_10699115_x4.....ucUggccccgccaguacugcg.....1
Gi5_8608743_x4.....aucggagacgucgugggaaacCcggggu.....1
Gi2_10715967_x4.....aucggagacgucgugggaaacacgAggu.....1
Gi2_10666875_x4.....GcaguacugcgauCggag.....1
Gi3_27726709_x4.....gacgucgugggaaacacggggugccgGacu.....1
Gi2_10689127_x4.....gauUggagacgucgugggaaacacggggugc.....1
Gi3_27770241_x4.....gggaacacgggAugccgaa.....1
Gi3_27671177_x4.....aUagaagcgccgucaggg.....1
Gi3_27734901_x4.....gggaacacggggugccgGa.....1
Gi3_27744237_x4.....acgucgugggaaacacggggugccgGac.....1
Gi3_27720253_x4.....agUagcgccgucagggcc.....1
Gi2_10690583_x4.....guggaaacacgggAugccga.....1
Gi2_10653139_x4.....aCgggagacgucgugggaaacacggg.....1
Gi1_4019368_x4.....aguacugcgauCggagacgu.....0
Gi2_10693883_x4.....gucgugggaaacacggAgugccgaac.....1
Gi3_27733249_x4.....uggaaacacgggguUccgaacu.....1
Gi3_27760709_x4.....aucggagacgucgugggaaacCcgggugcc.....1
Gi3_27777289_x4.....uacugcgauCggagacgCc.....1
Gi5_8606787_x4.....gugAgaacacggggugccgaac.....1

Gi1_4044872_x4.....gugUgaacacggggugccgaacu..... 1
 Gi3_27771653_x4.....gggGacacggggugccga..... 1
 Gi3_27741129_x4.....aacacgggguCccgaacu..... 1
 Gi2_10667115_x4.....Gcaguacugcgauccggagacguc..... 1
 G1a_5804378_x4.....Uaucggagacgucgugggaaacacgg..... 1
 Gi2_10678711_x4.....gUgacgucgugggaaacacg..... 1
 Gi3_27688785_x4.....cccAccaguacugcgauccggagacgu..... 1
 Gi5_8634123_x4.....cgucguggNaacacggggugc..... 1
 Gi2_10659387_x4.....ucaggccccgccaguacugcgaCc..... 1
 G1a_5805802_x4.....caguacugcgGucggagacguc..... 1
 G1a_5783022_x4.....gugggaacacggggCgcc..... 1
 G1a_5786962_x4.....aucggagacgucgugggaaacGcggggu..... 1
 Gi2_10715419_x4.....aucgUagacgucgugggaaacacggg..... 1
 Gi5_8644947_x4.....agUccccgccaguacugcgauc..... 1
 Gi5_8634323_x4.....Cacgucgugggaacacggggugccgaacu..... 1
 Gi2_10668175_x4.....ucggagacgucgugggGaca..... 1
 Gi5_8604743_x4.....ccgaauuaNgaagagaagc..... 1
 Gi5_8605867_x4.....ggaaAacggggugccgaacu..... 1
 G1a_5769026_x4.....cUucaggccccgccaguacu..... 1
 Gi2_10714363_x4.....gggaacaAggggugccgaac..... 1
 Gi2_10668371_x4.....gGcaguacugcgauccggagacguc..... 1
 Gi2_10663883_x4.....acgucgugggaacacggggGccgaac..... 1
 Gi2_10697007_x4.....ugggaacacggggugccAa..... 1
 Gi2_10675959_x4.....cgucUugggaacacggggugcc..... 1
 Gi3_27782337_x4.....cgucGcgggaacacggggugccga..... 1
 Gi2_10686635_x4.....gggaacacUgggugccgaacu..... 1
 Gi1_4033264_x4.....cgucgugggaacacggggugc..... 0
 Gi1_4036740_x4.....gGcugcugugggaacacggggugccg..... 1
 Gi4_541970_x4.....Ugaacacggggugccgaacu..... 1
 Gi3_27724549_x4.....aucggagacgucgugggaaacacggggugUc..... 1
 Gi5_8631911_x4.....agacgucgugggaacacggggugccAaacu..... 1
 Gi3_27673049_x4.....uacugcgauccggGgacguc..... 1
 Gi2_10719751_x4.....caggccccgccaUuacugcgauc..... 1
 G1a_5792154_x4.....Ugagacgucgugggaaacacg..... 1
 Gi3_27758077_x4.....gucgugggGacacggggugccga..... 1
 Gi2_10663627_x4.....cgggagacgucgugggaaUacgggugcc..... 1
 Gi4_544010_x4.....acAucgugggaacacggggugccgaacu..... 1
 Gi5_8614175_x4.....aacacgUgggugccgaacu..... 1
 Gi1_4038836_x4.....Aggaacacggggugccgaac..... 1
 Gi3_27666057_x4.....aucggCgacgucgugggaaacacgg..... 1
 Gi5_8608115_x4.....uGcugcgaucggagacgu..... 1
 Gi2_10686939_x4.....acgucgugggaGcacggggugccgaac..... 1
 Gi2_10715627_x4.....aucggagacgucgugggaaacacAgg..... 1
 Gi2_10678603_x4.....aucggagacgucgugggaaGcacggggug..... 1
 Gi1_4045188_x4.....cgccaguacugcgauccggagacguc..... 0
 Gi3_27737865_x4.....ucggagacNucgugggaaacacggg..... 1
 Gi3_27659837_x4.....Gcggagacgucgugggaaaca..... 1

Gi4_541694_x4cgucgugggaaacacggggGgccga..... 1
Gi2_10689619_x4.....ucgugggUacacggggugccgaac..... 1
Gi3_27715809_x4.....aucNgagacgucgugggaaacacggggu..... 1
Gi3_27662081_x4.....ggagGcgucgugggaaacacg..... 1
Gi3_27700709_x4.....gggaacacggggugccgaGu..... 1
Gi5_8606735_x4.....Gcgucaggccccgccaguacugcg..... 1
Gi5_8603055_x4.....caggccccAccaguacugcg..... 1
Gi3_27760317_x4.....cgucgugggaaacacggggugcA..... 1
Gi2_10683851_x4.....cgucgugggaaacacggggGg..... 1
Gi3_27768601_x4.....ggccccgccaguGcugcgauC..... 1
Gi2_10722283_x4.....ucggagacgucAugggaaacacggggugc..... 1
Gi5_8650423_x4.....guUggaacacggggugcc..... 1
Gi3_27792325_x4.....GccccccaguacugcgauCggagacguc..... 1
Gi3_27712101_x4.....ucggGgacgucgugggaaaca..... 1
Gi2_10652931_x4.....Uccgucaggccccgccaguacugcgau..... 1
Gi2_10680359_x4.....acgucAugggaaacacggggugccgaacu..... 1
Gi3_27726945_x4.....gGcgucgugggaaacacg..... 1
Gi1_4027448_x4.....ggaacaUggggugccgaac..... 1
Gi2_10677191_x4.....gaucggagacgucgugggaaacacAgg..... 1
Gi2_10701731_x4.....cgugggaaacacggggugccAaa..... 1
Gi2_10656443_x4.....ucgGgggaacacggggugccgaac..... 1
Gi2_10677851_x4.....ucgugggaaacacggggGgccga..... 1
Gi5_8647307_x4.ccuuaacucguuccgaauuaAgaagagaagcg..... 1
Gi3_27751613_x4.....aUgagaagcgccgucagggccccgcca..... 1
Gi3_27778029_x4.....ggagacguNgugggaaacacggggu..... 1
Gi5_8606935_x4.....gGgacgucgugggaaacacg..... 1
Gi3_27711857_x4.....ccccgccaguacugcgCucgga..... 1
Gi2_10713967_x4.....agacgucgNgggaaacacggggugccg..... 1
Gi1_4025728_x4.....ucgCgggaacacggggugccgaac..... 1
Gi2_10722395_x4.....ugNgaacacggggugccgaacu..... 1
Gi2_10701931_x4.....agCacugcgauCggagacgucg..... 1
Gi2_10679043_x4.....aucggagacgucgCgggaacacggggug..... 1
Gi3_27782161_x4.....caggccccAccaguacugcg..... 1
Gi3_27786137_x4.....Gggagacgucgugggaaacacg..... 1
Gi3_27677557_x4.....gaucggagacgucgugggaaacacAgg..... 1
Gi2_10672323_x4.....gGcgucaggccccgccaguacugcg..... 1
Gi3_27776133_x4.....ucguUggaacacggggugccg..... 1
Gi2_10678051_x4.....ccccccaguacugcgauCggGgacguc..... 1
Gi3_27767317_x4.....gaucggagacgucgugggaaacacAggg..... 1
G1a_5806098_x4.....aAaagcgccgucagggccccgc..... 1
Gi3_27704581_x4.....agaagcgcNgcagggccc..... 1
Gi2_10664347_x4.....ccccgccGguacugcgauCgg..... 1
Gi5_8640219_x4.....ucguCggaacacggggugccgaacu..... 1
Gi2_10669435_x4.....gaagagGagcgccgucagggccc..... 1
Gi2_10664675_x4.....Gucggagacgucgugggaaacacg..... 1
Gi3_27752789_x4.....cgUcggagacgucgugggaaacacggggu..... 1
Gi2_10717831_x4.....gUccccgccaguacugcgauCggagacg..... 1

Gi2_10680127_x4.....gcUgucagggccccgccaguacugcg..... 1
 Gi3_27681801_x4.....agaagcgcNgucagggcccc..... 1
 Gi2_10700139_x4.....acgucuggggaacacggggugccgaaAu..... 1
 Gi3_27752181_x4.....gugggaacacgggCugccgaac..... 1
 Gi3_27781173_x4.....ucgugggaacacggggGgccg..... 1
 Gi3_27733209_x4.....cgccaguacugcgauccggCgacgu..... 1
 Gi2_10662707_x4.....Uuacugcgauccggagacgucguggg..... 1
 Gi2_10679671_x4.....gaGcgggagacgucgugggaacacg..... 1
 Gi3_27662145_x4.....cgucAugggaacacggggugccgaac..... 1
 Gi1_4020016_x4.....gggaacaAggggugccgaacu..... 1
 Gi1_4041996_x4.....ucaggcccNgccaguacugcg..... 1
 Gi3_27763197_x4.....aacGcggggugccgaacuu..... 1
 Gi3_27724617_x4.....gaucgggagacgucguAgggaacacg..... 1
 Gi3_27681621_x4.....aucgggagacgCcgugggaacac..... 1
 Gi3_27716829_x4.....cgucgugAgaacacggggugccgaac..... 1
 Gi2_10651487_x4.....cgucgugggaacacgAggugccgaacu..... 1
 Gi2_10685331_x4.....caggcUccgccaguacugc..... 1
 Gi4_544670_x4.....gggaacacggggugccgaacA..... 1
 Gi2_10656135_x4.....gaucgggagacgucgCgggaacacg..... 1
 Gi1_4045516_x4.....aaAacggggugccgaacu..... 1
 Gi2_10663799_x4.....cgAgggaacacggggugccgaa..... 1
 Gi1_4036040_x4.....gaucgggagacgucgugggaacacggggugccgaacu..... 0
 Gi2_10652883_x4.....aucgggagacgucgugggaacGcgggg..... 1
 Gi2_10669819_x4.....gaucggGgacgucgugggaacacggggg..... 1
 Gi2_10701151_x4.....gaucgggagacgucgugggaacacggggGgc..... 1
 Gi2_10708919_x4.....ggCacacggggugccgaacu..... 1
 Gi2_10696715_x4.....uggNaacacggggugccgaacu..... 1
 Gi5_8640451_x4.....agacgCcgugggaacacggggugccgaacu..... 1
 Gi2_10679351_x4.....Uaggccccgccaguacugcg..... 1
 Gi3_27778977_x4.....cgugggaacacggAgugcc..... 1
 Gi2_10690871_x4.....gucagggccccgccaguacugcgauccgggagacgu..... 0
 Gi4_542922_x4.....cgugggaacacggggugccgaGcu..... 1
 Gi3_27691521_x4.....cgucgugggaaGacggggugccgaacu..... 1
 Gi2_10654507_x4.....gagacgucgugggaacacggggg..... 0
 Gi2_10719919_x4.....cucguuccgaauuaggaagagaagcgccguc..... 0
 Gi3_27696297_x4.....gaucgggagacgucgCgggaacacgggg..... 1
 Gi3_27671577_x4.....aUaagcgccgucagggccccgccaguacug..... 1
 Gi5_8609343_x4.....gGcugcugugggaacacggggugccg..... 1
 Gl1_5772950_x4.....cgugUgaacacggggugcc..... 1
 Gi3_27670889_x4.....gcccgcucagggccccgccagC..... 1
 Gi4_542342_x4.....gugggaacGcggggugccgaacu..... 1
 Gi1_4023716_x4.....Gcuggggaacacggggugccga..... 1
 Gi2_10671239_x4.....gaucgggagacgucgugggaacG..... 1
 Gi3_27791789_x4.....gucagggccccgccCguacugcg..... 1
 Gi1_4034220_x4.....guUgugggaacacggggugcc..... 1
 Gi2_10686547_x4.....ucgugggaGcacggggugccg..... 1
 Gi3_27770185_x4.....ugggaacacggggugGcga..... 1

Gi2_10663963_x4.....gaucggagacgucgugggUacac..... 1
Gi2_10688771_x4.....cCucgugggaacacggggugccgaac..... 1
Gi4_539458_x4.....cgugggaacacggggugccgaCcu..... 1
Gi3_27737753_x4.....gccccgccaguacCgcgauc..... 1
Gi5_8624831_x4.....uggAaacacggggugccgaa..... 1
G1a_5790514_x4.....aggccccgccaguacuAcg..... 1
Gi5_8646047_x4.....gugggaacacUggggugccgaacu..... 1
Gi2_10670235_x4.....Ccaggccccgccaguacugcgauc..... 1
Gi2_10684011_x4.....caggccccgccaguacugcgCu..... 1
Gi5_8621247_x4.....uAuggggaacacggggugccgaacu..... 1
Gi3_27704857_x4.....gacgucgugggaacacggggUaccgaacu..... 1
Gi2_10702351_x4.....gucgCgggaacacggggugcc..... 1
Gi1_4032672_x4.....gaacacggggugGcgaacu..... 1
Gi2_10695887_x4.....aggccccgAcaguacugcga..... 1
Gi3_27791561_x4.....cgucgugggaacacgAggugccg..... 1
Gi3_27664013_x4.....aUgccccgccaguacugcgaucggagacgu..... 1
Gi3_27680781_x4.....Cucggagacgucgugggaacacgg..... 1
Gi2_10684263_x4.....cGggccccgccaguacugcgaucgga..... 1
Gi5_8629475_x4.....gugggaacacggggugcAgaac..... 1
Gi3_27716841_x4.....cgugggaacacggggAugc..... 1
Gi5_8617687_x4.....ggaacacggggugccgaGc..... 1
Gi1_4036808_x4.....aggccccgccaguacugcgaucggagac..... 0
Gi2_10677459_x4.....ggagacgucguAgggaacacggggugc..... 1
G1a_5801690_x4.....cgugggaacacgggAugccgaacu..... 1
Gi3_27777337_x4.....aggccccgccGguacugcgau..... 1
G1a_5767646_x4.....cgugggaacacggggUaccgaacu..... 1
Gi2_10681195_x4.....cgucgugggaaUaccgggugccgaa..... 1
Gi5_8608663_x4.....ugggaGcacggggugccgaa..... 1
Gi3_27672461_x4.....gccaguacNgcgaucgga..... 1
Gi3_27698385_x4.....Gcggagacgucgugggaacacggggugc..... 1
Gi2_10722871_x4.....gugggaacaUggggugccga..... 1
Gi5_8624335_x4.....agacAucgugggaacacggggugccgaacu..... 1
G1a_5801170_x4.....gGucggagacgucgugggaacacggg..... 1
Gi2_10682939_x4.....ucggagacgucgugggaacGcggggugc..... 1
Gi2_10678655_x4.....cgucgugggaacacggggugccgC..... 1
Gi2_10665147_x4.....aggccccgccaguacugcgaAc..... 1
Gi3_27756609_x4.....gggaacaUggggugccgaa..... 1
G1a_5772646_x4.....cUgagacgucgugggaacaccg..... 1
Gi1_4030608_x4.....ucgugggaacacggggugccUaacu..... 1
Gi2_10710547_x4.....ucgugggaNcacggggugccg..... 1
Gi2_10678215_x4.....gCcaggccccgccaguacugcg..... 1
Gi1_4030548_x4.....Ccaggccccgccaguacugcgaucgga..... 1
Gi3_27717725_x4.....cgucgugggaaAacggggu..... 1
G1a_5769530_x4.....cgCgggaacacggggugcc..... 1
Gi2_10677619_x4.....aggccccgccagAacugcgauc..... 1
Gi3_27770549_x4.....caggccccgccaguacugcgC..... 1
Gi2_10712855_x4.....cAgagacgucgugggaacacggggugc..... 1

Gi2_10653815_x4.....cgucgugggaacacggggGgccga..... 1
Gi3_27720185_x4.....cgugggaacacggggugccgU..... 1
Gi3_27726681_x4.....ucgugggaacCcggggugccg..... 1
G1a_5810754_x4.....ugggaacacggggugccgaCcu..... 1
Gi3_27683321_x4.....aNcacggggugccgaacu..... 1
Gi3_27665341_x4.....gGucggagacgucguggga..... 1
Gi2_10655283_x4.....cAugggaacacggggugc..... 1
Gi2_10663239_x4.....Agagacgucgugggaacacggggugc..... 1
Gi3_27698709_x4.....acgucgugggaacacggggugcUgaac..... 1
Gi2_10687799_x4.....caggccccgccaguacCgc..... 1
Gi3_27715405_x4.....acgucgugggaacacAgggugccgaac..... 1
Gi5_8638159_x4.....ucguUgaacacggggugccgaacu..... 1
G1l_4036720_x4.....ugggaacacggggugccAaac..... 1
Gi3_27715657_x4.....gugggaacacggggugcGga..... 1
Gi3_27776741_x4.....cGccgccaguacugcgauccgagacg..... 1
Gi3_27737625_x4.....caggccccgccaguacugcgGu..... 1
G1a_5788706_x4.....Augggaacacggggugcc..... 1
Gi3_27666293_x4.....cgugggaacacgUggugccgaa..... 1
Gi3_27670845_x4.....cggagacgucgugggaGcacggg..... 1
G1a_5786478_x4.....caguacugcgauccgGgacguc..... 1
Gi5_8635335_x4.....Ngugggaacacggggugccgaacu..... 1
Gi2_10674003_x4.....aggccccgNcaguacugcgauccgagac..... 1
Gi5_8647279_x4.....Aggaacacggggugccgaa..... 1
Gi2_10723587_x4.....cccgccaguCgucggaucggagacguc..... 1
Gi5_8623475_x4.....gaacaGggggugccgaacu..... 1
Gi3_27761625_x4.....cgGcaggccccgccaguacug..... 1
Gi3_27724525_x4.....cggagacgNcgugggaacacggggugc..... 1
Gi2_10674867_x4.....aucggagacgucgugggaacacggAgugcc..... 1
Gi3_27710345_x4.....guacugcgauccgagacgucgCg..... 1
Gi2_10655055_x4.....cggaUacgucgugggaacacggggugc..... 1
G1l_4020984_x4.....acgucgugggaacacggggugcAg..... 1
Gi3_27705049_x4.....gaCcgagacgucgugggaacac..... 1
Gi3_27768165_x4.....Uucaggccccgccaguacugcgauccgaga..... 1
Gi5_8636703_x4.....gacgucgugggaacacggggAgccgaacu..... 1
Gi3_27660413_x4.....gccccgcGguacugcgaucc..... 1
Gi2_10702711_x4.....Ggccaguacugcgauccg..... 1
Gi3_27774305_x4.....Gcgucgugggaacacggg..... 1
G1l_4041168_x4.....agacgucgugggaacacggggugccgCacu..... 1
Gi3_27716633_x4.....ggccccAccaguacugcgau..... 1
Gi3_27714693_x4.....cgugggaaAacggggugcc..... 1
Gi2_10706567_x4.....cgucgugggaacacAgggugc..... 1
Gi5_8622631_x4.....cgucgugggaacacgAgggugccgaacu..... 1
Gi3_27724201_x4.....aagagaagcgccgucagccccgccaguacugc..... 0
Gi2_10669911_x4.....agacgucAugggaacacggggugcc..... 1
Gi5_8646351_x4.....ucaggcccNgccaguacugcg..... 1
G1a_5811798_x4.....gaucggagacgucgugggaacacggggugc..... 0
Gi2_10723079_x4.....Uccaguacugcgauccgagacg..... 1

Gi3_27777709_x4.....ugggaacacggggugcAga..... 1
 Gi5_8638459_x4.....gggaaAacggggugccgaacu..... 1
 Gi3_27731393_x4.....cgugggaacacAgggugccg..... 1
 Gi2_10691887_x4.....aggcGccgccaguacugcg..... 1
 Gi2_10691555_x4.....cggagacgucgugggaacaUggggugcc..... 1
 Gi3_27674365_x4.....gaacacggggugccgaaA..... 1
 Gi2_10686719_x4.....aucggagacgucgugggaacaUggg..... 1
 Gi3_27675701_x4.....aucggagacgucgugggaGcacggggugcc..... 1
 Gi3_27771669_x4.....ggaacacggggugGcgaac..... 1
 Gi2_10658539_x4.....ugggaacacggggGgccgaac..... 1
 Gi1_4037020_x4.....ggaacacggggugccgCac..... 1
 Gi2_10705595_x4.....gucaggccccgccaguacugcgaucggagac..... 0
 Gi5_8639815_x4.....gggaacacggggugccgCac..... 1
 Gi2_10716419_x4.....cgucgugggaacacggggAgccg..... 1
 Gi2_10710191_x4.....gggaacacggggugGcgaacu..... 1
 Gi2_10683543_x4.....agacgucgCgggaacacggggugccgaacu..... 1
 Gi2_10654643_x4.....ugggaacacggggugccA..... 1
 Gi3_27729245_x4.....gaucggagacgucgugggaaAacgg..... 1
 Gi1_4041564_x4.....cgucgugggaacacAgggugccgaacu..... 1
 Gi3_27727617_x4.....cgucgugggaacacggggugAc..... 1
 Gi2_10654579_x4.....aggaagagaagcggcguc..... 0
 Gi3_27688325_x4.....Gugcgaucggagacgucg..... 1
 Gi3_27669909_x4.....aucggagacgucAugggaacacgggg..... 1
 Gi3_27704213_x4.....aggccccgccaguacugcgaucggagGcg..... 1
 Gi3_27751249_x4.....agacgucgugggaacacggggugccgGacu..... 1
 Gi3_27700721_x4.....caAgccccgccaguacugc..... 1
 Gi3_27721385_x4.....gucgugggaacacggUgugccgaacu..... 1
 Gi3_27752997_x4.....Ggccaguacugcgaucggagac..... 1
 Gi2_10678687_x4.....gugggaUcacggggugcc..... 1
 Gl1_5807726_x4.....ccgccaguacugcgaucggagaUguc..... 1
 Gi1_4029108_x4.....Aaacacggggugccgaac..... 1
 Gi2_10656971_x4.ccuuaacucguuccgaCu..... 1
 Gi5_8625903_x4.....Gcgugggaacacggggugcc..... 1
 Gi5_8604779_x4.....uUgugggaacacggggugccgaac..... 1
 Gi3_27729209_x4.....caggGccccgccaguacugc..... 1
 Gi2_10682655_x4.....aucggagacgucUugggaaca..... 1
 Gi3_27722745_x4.....cGgccaguacugcgaucggagacg..... 1
 Gi3_27769557_x4.....cgucgugggaacacggggugccgUac..... 1
 Gi2_10691303_x4.....cgugggaGcacggggugc..... 1
 Gi1_4034068_x4.....gggaacacggggugccgaacAu..... 1
 Gi1_4024244_x4.....gucgGgggaacacggggugccgaacu..... 1
 Gi2_10657287_x4.....Aaggccccgccaguacugcg..... 1
 Gi3_27753881_x4.....caggccccgAcaguacugcg..... 1
 Gi5_8648859_x4.....cgugggaacacggggugccgaaU..... 1
 Gi1_4043712_x4.....cgucgugggaacacggggugccgaaUu..... 1
 Gi3_27674341_x4.....cgUcaguacugcgaucggagacguc..... 1
 Gi3_27767441_x4.....uUgugggaacacggggugc..... 1

Gi3_27716193_x4.....aucggagacgucgugggaacCc..... 1
 Gi1_4025900_x4.....cggagacgucgugggaacacggggugccgaacA..... 1
 Gi5_8646727_x4.....uacugcgaucggGgacgu..... 1
 Gi3_27719953_x4.....agagaagcNccgucagggccccgc..... 1
 Gi2_10664023_x4.....aUacgucgugggaacacggggugccga..... 1
 Gi3_27737053_x4.....Uacgucgugggaacacggggugcc..... 1
 Gi3_27701465_x4.....gucgugggNacacggggugccga..... 1
 Gi2_10696631_x4.....gaacacggggugcGgaacu..... 1
 Gi3_27706641_x4.....ugggaacacggggugccgaaGu..... 1
 Gi3_27765097_x4.....ggUcccgccaguacugcga..... 1
 Gi3_27772421_x4.....ggNaacacggggugccgaacu..... 1
 Gi3_27672041_x4.....uggAaacacggggugccgaa..... 1
 Gi3_27749925_x4.....aucggagacgucgugggaacacggggugcA..... 1
 Gi3_27779025_x4.....cggagacgNcguggggaacacgggg..... 1
 Gi3_27671633_x4.....gggaacacggggugAcgaa..... 1
 Gl1_5771198_x4.....aGcggagacgucgugggaacacggggugc..... 1
 Gi3_27696041_x4.....cgugggaacacggggAgccga..... 1
 Gi1_4043060_x4.....aucggagacgucgugggaacacggggug..... 0
 Gi2_10652051_x4.....cgugggaCcacggggugccgaac..... 1
 Gi1_4039724_x4.....Nacacggggugccgaacu..... 1
 Gi3_27708269_x4.....gaucggagGcugcugggaacacg..... 1
 Gi2_10666631_x4.....cgucgugggaacCcggggugcc..... 1
 Gi3_27753153_x4.....ccccgccaguacugcgauccgagagaUgu..... 1
 Gi3_27701429_x4.....cAcgccaguacugcgauccgagacguc..... 1
 Gi4_543682_x4.....gugggaacacggggugccgaacA..... 1
 Gi3_27775985_x4.....gacgucgugggaacacggggGgccg..... 1
 Gi2_10657419_x4.....gacgucgugggaacGcggggugccg..... 1
 Gi1_4047472_x4.....gucgugggaacacggggugccga..... 0
 Gi2_10695351_x4.....uggAaacacggggugccg..... 1
 Gl1_5771882_x4.....guUaggccccgccaguacugc..... 1
 Gi2_10687287_x4.....gaucggagacgucgugggG..... 1
 Gi1_4025912_x4.....cgucgugggaacacggggugUcgaacu..... 1
 Gi2_10712927_x4.....cgucgugggaacacggggUaccg..... 1
 Gi3_27791761_x4.....gccccgccNguacugcgau..... 1
 Gi5_8691200_x3.....Cgacgucgugggaacacggggugccgaacu..... 1
 Gi2_10782271_x3.....cggagacgucgCgggaacacgggg..... 1
 Gi4_545151_x3.....gUaacacggggugccgaac..... 1
 Gi2_10797103_x3.....gaCcggagacgucgugggaaca..... 1
 Gi3_27875804_x3.....Ggaucggagacgucgugggaacacgg..... 1
 Gi3_27875294_x3.....ugggaacaGggggugccgaac..... 1
 Gi1_4088517_x3.....acUucgugggaacacggggugccg..... 1
 Gi2_10749811_x3.....cgucgugggaCcacggggugc..... 1
 Gi3_27859361_x3.....ccgccaguacugcgauccgagacgAg..... 1
 Gi1_4074492_x3.....ugggaaAacggggugccgaacu..... 1
 Gi2_10796344_x3.....aucggagacgucgugggaaAacggggugc..... 1
 Gi2_10791268_x3.....aNggagacgucgugggaacacggggug..... 1
 Gi5_8703542_x3.....gugggaacacggggUccgaacu..... 1

Gi3_27847664_x3.....aggccccgccaguGcugcgau..... 1
Gi2_10787248_x3.....aGgagaagcgccgucagggccccgccagu..... 1
Gi1_4070685_x3.....uGggagacgucgugggaaacacggggugc..... 1
Gi5_8679866_x3.....cgugggUacacggggugccgaac..... 1
Gi2_10774129_x3.....Caagcgccgucagggccccgc..... 1
Gi1_4083792_x3.....cgGcagggccccgccaguacugcg..... 1
Gi5_8698481_x3.....ucgugggaacacgggUugccgaacu..... 1
Gi3_27957194_x3.....gUagacgucgugggaacacggggugc..... 1
Gi3_27854006_x3.....agUgaagcgccgucagggccc..... 1
Gi2_10775545_x3.....gaucggagGcgucgugggaacacg..... 1
Gi1_5824732_x3.....Gccgccaguacugcgauccgaga..... 1
Gi5_8679107_x3.....Ugccccgccaguacugcgauccgga..... 1
Gi2_10729927_x3.....gggaacacggggugccgGa..... 1
Gi2_10812571_x3.....aucggagacguUgugggaacacggggg..... 1
Gi5_8668616_x3.....gugggaaAacggggugccgaa..... 1
Gi3_27949331_x3.....Agucagggccccgccaguacugc..... 1
Gi3_27802364_x3.....agggccccgccaguaGugcg..... 1
Gi2_10810147_x3.....aucggagacAucgugggaaca..... 1
Gi3_27906728_x3.....cgucguggAaacacggggugc..... 1
Gi5_8702303_x3.....gggaacacggggugccgaaU..... 1
Gi5_8702669_x3.....gugggaacacggggugccgCcuu..... 1
Gi3_27945785_x3.....Ugagaagcgccgucagggccccgcc..... 1
Gi3_27950411_x3.....gagaagcgccgucCggccc..... 1
Gi5_8656670_x3.....gugggaaUacggggugccg..... 1
Gi3_27922535_x3.....cgucgugggaacaAggggugccgaacu..... 1
Gi2_10784848_x3.....ggaacacggggugccgCa..... 1
Gi2_10767685_x3.....cccgccaguacugcgGucgg..... 1
Gi3_27856808_x3.....gucagggccccgccaguacugcgCc..... 1
Gi2_10743982_x3.....ggaacacggggugccUaacu..... 1
Gi5_8686013_x3.....aGcggagacgucgugggaacac..... 1
Gi2_10812211_x3.....gucagggccccgcUaguacugc..... 1
Gi5_8667176_x3.....cccgccagNacugcgauccgagacgu..... 1
Gi3_27815786_x3.....ccgucagggccccgccaguCcugc..... 1
Gi3_27862109_x3.....Ucgauccgagacgucgugggaacacggggg..... 1
Gi2_10813540_x3.....caggAcccgccaguacugcgau..... 1
Gi1_4060836_x3.....aacacggUgugccgaacu..... 1
Gi2_10737010_x3.....cAaucggagacgucgugggaacacggggugc..... 1
Gi5_8689976_x3.....Gagagaagcgccgucagggccc..... 1
Gi2_10812367_x3.....agggccccgcUaguacugcg..... 1
Gi3_27924209_x3.....ucgCgggaacacggggugc..... 1
Gi2_10779121_x3.....Gcaguacugcgauccgagacg..... 1
Gi3_27859775_x3.....cguNugggaacacggggugccgaacu..... 1
Gi3_27920204_x3.....agggccccgccagCacugcgau..... 1
Gi5_8673287_x3.....cagggccccgccaguacugcgauA..... 1
Gi1_4062000_x3.....agUgccgucagggccccgccaguacugc..... 1
Gi3_27879770_x3.....Ggccaguacugcgauccg..... 1
Gi3_27803915_x3.....acgucgugggaacacggggAgccgaac..... 1

Gi3_27817805_x3.....cagggcUcgccaguacugcgau..... 1
 Gl1a_5826538_x3.....cgugggaacacggAgugcc..... 1
 Gi2_10736158_x3.....cgugggaCcacggggugc..... 1
 Gi5_8684675_x3.....ucgugggaacacggggugAcgaacu..... 1
 Gi3_27831314_x3.....gccaguacugcgauAggagacguc..... 1
 Gi3_27923399_x3.....gaucggagaUgucgugggaacacgggg..... 1
 Gi2_10769605_x3.....gucagggcUcgccaguacugcg..... 1
 Gl1a_5840086_x3.....Ggucgugggaacacggggugccgaacu..... 1
 Gi3_27841475_x3.....gugggaacacggggguCcc..... 1
 Gi2_10789837_x3.....ggUgacgucgugggaacacggggugccgaa..... 1
 Gi3_27942782_x3.....cagggcccgcaguacAgcgau..... 1
 Gi5_8687504_x3.....cgugggaacacgUggugcc..... 1
 Gi2_10738600_x3.....cgucgugggaCcacggggugcc..... 1
 Gi2_10791352_x3.....ccccgAcaguacugcgau..... 1
 Gi2_10826026_x3.....gaagagaaNcgccgucagggccc..... 1
 Gi2_10751578_x3.....agggcccgcaguacCgcgucgggagac..... 1
 Gi2_10768549_x3.....acucguuccgaauuaggaag..... 0
 Gi5_8662922_x3.....Uucgugggaacacggggugc..... 1
 Gi2_10750255_x3.....gggaacacggAgugccgaac..... 1
 Gi2_10735615_x3.....cagggcccgcaguacugUgau..... 1
 Gi1_4075935_x3.....gggaacacggggGgcccgaacu..... 1
 Gi2_10822783_x3.....uUggagacgucgugggaaca..... 1
 Gi3_27850370_x3.....ccccgccaguacugcgauaggagCcguc..... 1
 Gi5_8716886_x3.....agacguUgugggaacacggggugccgaacu..... 1
 Gi1_4084500_x3.....cgucgugggaacacggggugccU..... 1
 Gi2_10804405_x3.....aucggagacgucgugggaacacggggAug..... 1
 Gi3_27953096_x3.....cgugggUacacggggugccga..... 1
 Gi5_8697584_x3.....ugggaacacggggugccgaaU..... 1
 Gi5_8709788_x3.....cgugggaacaGggggugccgaacu..... 1
 Gl1a_5825074_x3.....cgugggaacCggggugccgaacu..... 1
 Gi3_27894605_x3.....gggaacacggggugcAga..... 1
 Gi3_27973862_x3.....aggAcccgccaguacugcg..... 1
 Gi2_10795309_x3.....cgucgugggaaUacggggugccgaacu..... 1
 Gi3_27815954_x3.....gaucggagGcugcugggaacac..... 1
 Gi2_10826707_x3.....ucguggCaacacggggugccgaacu..... 1
 Gl1a_5832079_x3.....gaucggagacgCcgugggaacacggg..... 1
 Gi3_27946097_x3.....cagggAcccgccaguacugcgau..... 1
 Gi1_4088238_x3.....acgucgugggaacacggggugAcgaacu..... 1
 Gi4_552684_x3.....gGacugcgauccggagacgucgugg..... 1
 Gi2_10738186_x3.....Ggccaguacugcgauccggagac..... 1
 Gi3_27828461_x3.....Gggagacgucgugggaacacggggugccga..... 1
 Gi3_27974228_x3.....cgccaguacugcgauccggagGcg..... 1
 Gi3_27935048_x3.....aucggagacgucgugggaacaAggggu..... 1
 Gi2_10784044_x3.....ucguggCaacacggggugccgaac..... 1
 Gl1a_5861191_x3.....aGgagaagcgccgucagggccc..... 1
 Gi3_27948104_x3.....acucguuccgaauuagga..... 0
 Gi2_10743364_x3.....acgucgugggaacacggggugcU..... 1

Gi2_10740193_x3.....agggcccgccagucugcAa..... 1
 Gi5_8696801_x3.....cgugggaacCcggggugccgaac..... 1
 Gi3_27882431_x3.....cgccagucugcgauccggagUcgu..... 1
 Gi3_27800447_x3.....cgccUguacugcgauccgg..... 1
 Gi3_27941927_x3.....gacgucgugggaacacggggugcAgaacu..... 1
 Gi2_10745245_x3.....aucggagCcgucgugggaacacggggg..... 1
 Gi3_27968591_x3.....Ggaagcgccgucagggccc..... 1
 Gi3_27861347_x3.....acgucgugCgaacacggggugccgaacu..... 1
 Gi3_27920540_x3.....auNggagacgucgugggaacacggggg..... 1
 Gi3_27966665_x3.....cgccgucaNgccccgccagucacu..... 1
 Gi1_4060938_x3.....gggNacacggggugccgaacu..... 1
 Gi2_10783036_x3.....Ggucgugggaacacggggugccgaa..... 1
 Gi1_4068378_x3.....uGggagacgucgugggaacacggg..... 1
 Gi5_8663726_x3.....cgugggaacacggggugAcgaac..... 1
 Gi3_27942146_x3.....cgugggaaGacggggugccgaac..... 1
 Gi5_8651468_x3.....guAggaacacggggugccga..... 1
 Gl1a_5840566_x3.....Uccccgccagucugcgauccggagacg..... 1
 Gi2_10726195_x3.....ucgugAgaacacggggugccgaac..... 1
 Gi1_4079394_x3.....ggagacgucgugUgaacacggggugccg..... 1
 Gi5_8659412_x3.....cguuccgaauuaggaagagaagc..... 0
 Gi3_27811670_x3.....ccAcgccagucugcgaucc..... 1
 Gi2_10730071_x3.....cgUcgucagggccccgccagucugc..... 1
 Gi2_10766044_x3.....uggCaacacggggugccgaacu..... 1
 Gi3_27881657_x3.....cgugggaacaGggggugccgaac..... 1
 Gi3_27871544_x3.....ucggagacgucgugggaGcacggg..... 1
 Gi2_10727827_x3.....gggaacacggUgugccgaacu..... 1
 Gi2_10800586_x3.....gaUgcgccgucagggccccgccagucugc..... 1
 Gi3_27894065_x3.....aCgccccgccagucugcgauccggg..... 1
 Gi3_27842525_x3.....gaucggagacgucgUAggaacac..... 1
 Gi2_10825870_x3.....cguNgugggaacacggggugccgaacu..... 1
 Gi3_27929879_x3.....cggagacgucgugggaacacgAggu..... 1
 Gi4_545679_x3.....cgugggaacacggggugcc..... 0
 Gi1_4071018_x3.....ggagacgucgugggaacacggggugcAg..... 1
 Gi3_27905519_x3.....agaGgcgccgucagggccc..... 1
 Gi5_8715755_x3.....gugggaacaGggggugccgaacu..... 1
 Gi2_10758421_x3.....cgugggaacacggggugUcga..... 1
 Gi1_4062069_x3.....gGgacgucgugggaacacggggugc..... 1
 Gi3_27802835_x3.....gugggaacacUggggugccgaa..... 1
 Gl1a_5855146_x3.....cgugggUacacggggugccgaacu..... 1
 Gi3_27949664_x3.....ucggagacgCcgugggaacacg..... 1
 Gi2_10799812_x3.....gacgucguNggaacacggggg..... 1
 Gi2_10758673_x3.....aAgccccgccagucugcgauccgggaga..... 1
 Gi3_27921569_x3.....gacgucgugggaacCcggggugccgaac..... 1
 Gi5_8659703_x3.....gGagcgccgucagggccccgccc..... 1
 Gi1_4049751_x3.....gucgugggaacacggggGgccc..... 1
 Gi3_27915215_x3.....gccUcgccagucugcgaucc..... 1
 Gi2_10727533_x3.....agggcccgccagucAgc..... 1

Gi3_27816974_x3.....gagaagcgUcgucagggccc..... 1
 Gi2_10740481_x3.....ggAaacacggggugccgaac..... 1
 Gi3_27834800_x3.....gucagggccccgccaguacCgc..... 1
 Gi2_10824589_x3.....aUgagaagcgcccgucagggccc..... 1
 Gi3_27887453_x3.....acgucgugggaacacggggugcGgaacu..... 1
 Gi3_27901463_x3.....agacgucgugggaacGcggggugccgaacu..... 1
 Gl1a_5849782_x3.....gaucggagacgucgugggaGcacggg..... 1
 Gi3_27964163_x3.....ggaacacgAggugccgaa..... 1
 Gi3_27910703_x3.....cAgagacgucgugggaacacg..... 1
 Gl1a_5868439_x3.....ggaacacggggCgccgaac..... 1
 Gi2_10729516_x3.....agacgucgugggaacacgggAugcc..... 1
 Gi3_27870731_x3.....cggagacgucgugggaacUcggggugcc..... 1
 Gi1_4074924_x3.....ucgugggaacacggggugccgaUcu..... 1
 Gi2_10772365_x3.....gUgacgucgugggaacacggggugccgaac..... 1
 Gi2_10772920_x3.....agagGagcgcccgucagggccc..... 1
 Gi3_27958757_x3.....Uggccccgccaguacugcgauccg..... 1
 Gi3_27846500_x3.....ccAccaguacugcgauccggagac..... 1
 Gi3_27823505_x3.....ccUccaguacugcgauccggagacgucgug..... 1
 Gi1_4069206_x3.....uGaggccccgccaguacugcg..... 1
 Gi2_10745842_x3.....aucggCgacgucgugggaacacggggg..... 1
 Gi1_4059369_x3.....cgauccggGgacgucgugggaaca..... 1
 Gi5_8688971_x3.....aagagaagNgccgucagggccccg..... 1
 Gi3_27954884_x3.....Ggccaguacugcgauccggagacgucgug..... 1
 Gi1_4052940_x3.....cUugggaacacggggugc..... 1
 Gi1_4084722_x3.....gaucggagacgucgugggaacacg..... 0
 Gi2_10803742_x3.....gacgucgugggGacacggggugcc..... 1
 Gi3_27870818_x3.....gacgucgugggaacacggUgugccgaac..... 1
 Gi3_27833312_x3.....aucggagacgucgugggaUcacggggg..... 1
 Gi1_4078098_x3.....gugggaacacggggugcUgaacuu..... 1
 Gi3_27919172_x3.....agGagcgcccgucagggccccgcau..... 1
 Gi2_10805560_x3.....gccaguacugcgauccggagacguU..... 1
 Gi1_4052958_x3.....ucgugggaacacggggugAcgaacu..... 1
 Gi2_10742341_x3.....cgugggaacacggggugcAgaac..... 1
 Gi2_10734061_x3.....aucggagacguUgugggaacacg..... 1
 Gi3_27822065_x3.....agacAucgugggaacacggggugccgaacu..... 1
 Gi1_4065732_x3.....ggaCcacggggugccgaacu..... 1
 Gi2_10729651_x3.....Gccccgccaguacugcgauccgga..... 1
 Gi3_27936044_x3.....caAgccccgccaguacugcg..... 1
 Gl1a_5831287_x3.....ccgccGguacugcgauccggagacguc..... 1
 Gi2_10740886_x3.....aucggagacgucgugggaacaUgg..... 1
 Gi5_8717567_x3.....ugggaacacggggugccgCacuuu..... 1
 Gi4_552456_x3.....ugggaacacggggugccgaaAu..... 1
 Gi2_10735675_x3.....Ggaagcgcccgucagggccccgcauac..... 1
 Gi5_8681321_x3.....cUaucggagacgucgugggaacacggg..... 1
 Gi2_10804882_x3.....cgucgugggaacacggggugccgUacu..... 1
 Gi3_27973244_x3.....cggagacgucgugggGacacggggg..... 1
 Gi2_10826827_x3.....ucgCgggaacacggggugc..... 1

Gi3_27860228_x3.....gacgucgugggaacacAgggugccgaac..... 1
Gi3_27866261_x3.....ucgugggaaAacggggugccgaac..... 1
Gi2_10759915_x3.....gaucggagacgucgugggaaAac..... 1
Gi5_8683100_x3.....Gcgccaguacugcgauccgagacguc..... 1
G1a_5844055_x3.....gaacacggggugccAaacu..... 1
Gi2_10727941_x3.....agacgucgugggaaacacAgggugcc..... 1
G1a_5831893_x3.....gugggaaacacGcgugccgaacu..... 1
Gi3_27798965_x3.....agAacugcgauccgagacgucg..... 1
Gi2_10744231_x3.....ggccccgccaguaUugcgau..... 1
Gi2_10750945_x3.....caggccccgccCguacugc..... 1
G1l_4055457_x3.....aacUcggggugccgaacu..... 1
Gi2_10739578_x3.....caAgccccgccaguacugc..... 1
Gi5_8674967_x3.....Cugggaaacacggggugccgaacuu..... 1
Gi2_10816447_x3.....Ngaacacggggugccgaacu..... 1
G1l_4084443_x3.....agacgucgugggaGcacggggugccgaacu..... 1
Gi2_10826632_x3.....cgAcgugggaaacacgggg..... 1
Gi3_27973067_x3.....gaucggagacgucgugggaaGcacgg..... 1
Gi3_27911456_x3.....aguacugcgauccgagacgucgCg..... 1
G1l_4066107_x3.....caguacugcgauccgGgacguc..... 1
Gi5_8670902_x3.....aucggagGcgucgugggaaacacggggu..... 1
Gi4_551727_x3.....cgugggaaacacggggugccgCacu..... 1
Gi3_27921188_x3.....gacgCcgugggaaacacggggugccgaac..... 1
Gi3_27948608_x3.....uAgugggaaacacggggugccgaac..... 1
Gi5_8677871_x3.....uacugcAaucggagacgu..... 1
Gi3_27854276_x3.....cgucaggccccgccUguacugc..... 1
Gi5_8690648_x3.....acgNcgugggaaacacggggugccgaacu..... 1
Gi3_27880706_x3.....Ucugcugugggaaacacggggugcc..... 1
Gi2_10767721_x3.....acucguuccgaauuaggaaga..... 0
Gi5_8707976_x3.....ugggaaacacggggugccCaacu..... 1
Gi5_8697707_x3.....Cucgugggaaacacggggugccgaac..... 1
Gi2_10765498_x3.....caguacCgcgauccgagacguc..... 1
Gi2_10771915_x3.....gccccgccaguacugcgauA..... 1
Gi3_27796562_x3.....gaucggUgacgucgugggaaacacggggu..... 1
Gi3_27830504_x3.....ccccAccaguacugcgau..... 1
Gi4_550002_x3.....Ggacgucgugggaaacacggggugcc..... 1
Gi2_10818886_x3.....ggaaUacggggugccgaac..... 1
Gi2_10766305_x3.....aggccccgccaguacugcgG..... 1
Gi3_27854240_x3.....caggccccgccaUuacugcgau..... 1
Gi2_10811731_x3.....cgugggaCcacggggugccga..... 1
Gi3_27821141_x3.....gugggaaacacggCgugccg..... 1
Gi2_10770793_x3.....ucgugggaaacacggAgugc..... 1
Gi3_27919037_x3.....gaucggagacgucguAggaaacacgggg..... 1
Gi2_10731217_x3.....cgucgugggaaacacggggugcUga..... 1
Gi3_27820901_x3.....acacggggugccgCacuu..... 1
Gi5_8679824_x3.....ucagUccccgccaguacugc..... 1
Gi3_27883913_x3.....ugggCacacggggugccg..... 1
Gi2_10815640_x3.....cgAcaggccccgccaguacugc..... 1

Gi5_8688389_x3.....gCgggaacacggggugccg..... 1
 Gi5_8712203_x3.....caggccccccaguaUugcg..... 1
 Gi1_4071504_x3.....auUggagacgucgugggaacacggggugc..... 1
 Gi3_27882140_x3.....gccgCcaggccccccagua..... 1
 Gi2_10734811_x3.....gaucggagacgCcgugggaacacggg..... 1
 Gi3_27888302_x3.....Ucgauccggagacgucgugggaacacgggg..... 1
 Gi1_4064406_x3.....ugggaacacggggugccUaacu..... 1
 Gi3_27935435_x3.....gUagacgucgugggaacacggggugccgaa..... 1
 Gi3_27939923_x3.....gaagcgccgCcaggccccccaguac..... 1
 Gi3_27918530_x3.....aucggagacgucgugggaaAac..... 1
 Gi5_8680430_x3.....gggaacaAggggugccgaacu..... 1
 Gi2_10759966_x3.....aucggagacgucgugggCacacg..... 1
 Gi5_8664650_x3.....gaacacgCggugccgaacu..... 1
 Gi3_27954656_x3.....agacgucAugggaacacggggugccgaac..... 1
 Gi5_8715548_x3.....gugAgaacacggggugccgaacuu..... 1
 Gi3_27931577_x3.....ggaacacgggUugccgaacu..... 1
 G1a_5871889_x3.....gccaUuacugcgauccggagacguc..... 1
 Gi5_8692847_x3.....Gagagaagcgccgucaggcccc..... 1
 Gi2_10801255_x3.....ugggCacacggggugccg..... 1
 Gi3_27862628_x3.....cgCcgugggaacacggggugccgaa..... 1
 Gi3_27807887_x3.....gUcccgccaguacugcgau..... 1
 G1a_5874634_x3.....Uaagagaagcgccgucaggcccc..... 1
 Gi5_8691932_x3.....Ggugggaacacggggugcc..... 1
 Gi3_27817271_x3.....ucaggccccccagGacugcgau..... 1
 Gi1_4050819_x3.....ucggCgacgucgugggaacacg..... 1
 Gi3_27930425_x3.....gaucggagacgucgugggaacaUggggugc..... 1
 Gi4_545274_x3.....gugggaacacggggugccgGacu..... 1
 Gi2_10809070_x3.....aguacugcgauccggagGcg..... 1
 Gi2_10791397_x3.....ucgugggaacacggUgugccgaacu..... 1
 Gi3_27860576_x3.....gugggaacacgggCugccga..... 1
 Gi2_10726483_x3.....cCucaggccccccaguac..... 1
 Gi2_10783267_x3.....caggAcccgccaguacug..... 1
 Gi3_27953486_x3.....gggaacacgggguUccgaac..... 1
 Gi4_550170_x3.....cgucgugggaacacggggugccgaac..... 0
 Gi1_4048449_x3.....cUgagacgucgugggaacacggggugccgaacu..... 1
 Gi5_8706362_x3.....gggaacaUggggugccgaac..... 1
 G1a_5822872_x3.....gAaacacggggugccgaac..... 1
 Gi1_4074723_x3.....guNggaacacggggugccgaacu..... 1
 Gi3_27800747_x3.....acgucgugUgaacacggggugccgaacu..... 1
 Gi3_27918344_x3.....aucggCgacgucgugggaacac..... 1
 Gi5_8673848_x3.....Cugggaacacggggugccg..... 1
 Gi1_4076070_x3.....gGcgucgugggaacacggggugcc..... 1
 Gi3_27871088_x3.....gucagggcUgccaguacugc..... 1
 Gi5_8709728_x3.....cgucUugggaacacggggugccga..... 1
 Gi3_27833135_x3.....ggccccgCaguacugcgau..... 1
 Gi3_27976151_x3.....gcUaguacugcgauccggagac..... 1
 Gi1_4071768_x3.....acgucAugggaacacggggugccgaacu..... 1

Gi3_27950759_x3.....Cgaagcgccgucagggccc.....agacgucgugggaacacggggugUcgaacu..... 1
 Gi2_10801654_x3.....agacgucgugggaacacggggugUcgaacu..... 1
 Gi2_10826332_x3.....Gccgccaguacugcgau..... 1
 Gi3_27948506_x3.....ccccgccaNuacugcgau..... 1
 Gi3_27958685_x3.....cUaucggagacgucgugggaacacggggugcc..... 1
 Gi3_27859262_x3.....gagaagcgccgucaAgccc..... 1
 Gi2_10784011_x3.....Ugacgucgugggaacacgggggu..... 1
 Gi3_27852497_x3.....gAccccgccaguacugcgau..... 1
 Gi1_4050477_x3.....Ggugggaacacggggugccgaa..... 1
 Gi3_27856013_x3.....acgucgugAgaacacggggugccgaa..... 1
 Gi2_10749838_x3.....cgUcaguacugcgauccgagac..... 1
 Gi3_27871139_x3.....caggcAccgccaguacugcga..... 1
 Gi2_10756315_x3.....cgucgugggaacacgAggugccg..... 1
 Gi2_10744417_x3.....gaucggagacAucgugggaacacgggggu..... 1
 Gl1a_5872135_x3.....cgucagggccccgccGguacugcg..... 1
 Gi3_27929255_x3.....aggccccgccaguacugcAa..... 1
 Gi5_8711654_x3.....cggagacgucgugggaacacggggugccgaa..... 0
 Gi3_27907553_x3.....agacgucgugggaacacggggugUcgaacu..... 1
 Gi3_27798299_x3.....ucgugggaacacggggugccgGac..... 1
 Gi1_4088766_x3.....ggaGcacggggugccgaa..... 1
 Gi5_8652494_x3.....Uaggccccgccaguacugcg..... 1
 Gi2_10797907_x3.....aucggagacgCcgugggaacacggggug..... 1
 Gi1_4052616_x3.....Augggaacacggggugccg..... 1
 Gi2_10728640_x3.....aucAgagacgucgugggaacacgggg..... 1
 Gl1a_5851702_x3.....gugggaacaAggggugccgaa..... 1
 Gi2_10759648_x3.....cgucagggccccgccaguGcugcg..... 1
 Gi2_10783798_x3.....aucggagGcugcugggaacacgg..... 1
 Gi3_27963542_x3.....gaagagaagcgccgucGggcccc..... 1
 Gl1a_5831371_x3.....gugggaacNcggggugccg..... 1
 Gi1_4053558_x3.....guggggGacacggggugcc..... 1
 Gl1a_5854384_x3.....cgugggaacaAggggugccgaa..... 1
 Gi2_10771786_x3.....gugggaacacggggCugccg..... 1
 Gi3_27846467_x3.....gugggaacacggggugGcgaa..... 1
 Gi3_27897926_x3.....ccccgccaguacuUcgauccgagacguc..... 1
 Gi4_550197_x3.....cgugggaacacAggggugccgaa..... 1
 Gi3_27924971_x3.....ggagacgucgugggaacGcgggggu..... 1
 Gi3_27958514_x3.....gucgCgggaacacggggugccga..... 1
 Gi3_27839732_x3.....gaucggagaUgucgugggaacacgggggu..... 1
 Gi2_10806004_x3.....gugggaacaAggggugccga..... 1
 Gi1_4074774_x3.....aAacgucgugggaacacggggugccgaa..... 1
 Gi2_10816849_x3.....Ggccgucagggccccgccagu..... 1
 Gi3_27805589_x3.....gaagagaCgcccgucagggccc..... 1
 Gl1a_5817355_x3.....gggaaAacggggugccgaa..... 1
 Gi3_27815198_x3.....cGgccaguacugcgauccg..... 1
 Gl1a_5874613_x3.....Gcgugggaacacggggugccgaa..... 1
 Gi3_27872915_x3.....cagggccccgccGguacugcgau..... 1
 Gi2_10751740_x3.....aggUcccgccaguacugcg..... 1

Gi3_27925163_x3.....gcgccgucagccccgccCguacug..... 1
 Gi3_27882287_x3.....aGgagaagcgccgucagggccc..... 1
 Gi1_4059837_x3.....cgugggaacacgCggugccgaacu..... 1
 Gi1_4088841_x3.....gugggaacGcggggugcc..... 1
 Gi2_10823692_x3.....Uggagacgucgugggaacacggggu..... 1
 Gi3_27899126_x3.....Nggaacacggggugccgaac..... 1
 Gi3_27852401_x3.....gacgucgugggaacacggAgugccgaacu..... 1
 Gi2_10729165_x3.....acugcgGucggagacgucgugg..... 1
 Gi5_8702969_x3.....Ugugggaacacggggugccga..... 1
 Gl1a_5871514_x3.....gugggaacacggggCgccga..... 1
 Gi3_27814181_x3.....aucggagacgucgCgggaacacggggugc..... 1
 Gi3_27932222_x3.....Gagagaagcgccgucagggccccgccagu..... 1
 Gi1_4059210_x3.....acgucgugNgaacacggggugccgaac..... 1
 Gi3_27924860_x3.....guacugcgaucggGgacgucgug..... 1
 Gi2_10816507_x3.....aggccccgccagAacugc..... 1
 Gi3_27816101_x3.....ccgucaggNccccgccaguac..... 1
 Gi2_10740382_x3.....agacUucgugggaacacggggugccgaacu..... 1
 Gl1a_5835670_x3.....caguacugcgaucggagGcguc..... 1
 Gi2_10822813_x3.....gaucggagacgucguAgga..... 1
 Gi2_10759594_x3.....cgugggaacacUgggugcc..... 1
 Gi2_10729405_x3.....gaUaagcgccgucagggccccgcc..... 1
 Gi2_10764997_x3.....auUggagacgucgugggaacacgg..... 1
 Gi3_27884267_x3.....cAucgugggaacacggggugc..... 1
 Gi3_27844754_x3.....agUcgucgugggaacacggggugccga..... 1
 Gi3_27906920_x3.....cgucaggcNccgccaguacugcgauccg..... 1
 Gi1_4079583_x3.....cCucagggccccgccaguacugc..... 1
 Gl1a_5833633_x3.....gugggaGcacggggugccga..... 1
 Gi5_8717189_x3.....caggccccUgccaguacugcg..... 1
 Gi2_10754992_x3.....gaucggagacgucgCgggaacacggggu..... 1
 Gi3_27875990_x3.....ggccccgccGguacugcgau..... 1
 Gi3_27920378_x3.....gaagagGagcgccgucagggc..... 1
 Gi3_27846416_x3.....cgauUggagacgucgugggaacacggg..... 1
 Gi3_27913892_x3.....cgucagggccccgUcaguacugcg..... 1
 Gi2_10772344_x3.....gucgugggaacacggggugAcgaacu..... 1
 Gi2_10814653_x3.....gaucggagGcgucguggga..... 1
 Gi2_10738150_x3.....ugcgaucggCgacgucgugggaaca..... 1
 Gi2_10798681_x3.....ggaacacggggugccgaacuu..... 0
 Gi3_27903707_x3.....gaagagGagcgccgucagg..... 1
 Gl1a_5845792_x3.....ugggaUcacggggugccgaacu..... 1
 Gi3_27870863_x3.....gucgugggaacGcggggugccga..... 1
 Gi3_27972911_x3.....aucggagaUgucgugggaacacgg..... 1
 Gi5_8702666_x3.....gacgucgugggaacacggggugccgGacu..... 1
 Gi2_10734343_x3.....gGagcgccgucagggccccgccag..... 1
 Gi3_27966812_x3.....ucguggUaacacggggugccgaacu..... 1
 Gi3_27923294_x3.....ggAaacacggggugccgaa..... 1
 Gi3_27909398_x3.....aggccccgccagGacugcgauccg..... 1
 Gi2_10759048_x3.....ggagacgucgAgggaacacggggugcc..... 1

Gi2_10749448_x3.....gucagggccccgccaguUcug..... 1
 Gi2_10736995_x3.....gaucggagacgucgugggaacCc..... 1
 Gi3_27917717_x3.....ccgUcaguacugcgauccggagac..... 1
 Gi2_10800697_x3.....cgugggaacacgggUugccgaacu..... 1
 Gi3_27832670_x3.....ggccccgccaguacCgcgaucgg..... 1
 Gi5_8674031_x3.....ucCugggaacacggggugccgaacu..... 1
 Gi1_4076373_x3.....gacgucgugggaacacAgggugccgaacu..... 1
 G1a_5848129_x3.....guUaggccccgccaguacugcg..... 1
 Gi5_8683043_x3.....agUcgcugugggaacacggggugccgaac..... 1
 Gi5_8653586_x3.....gggGacacggggugccga..... 1
 Gi3_27969059_x3.....aggccccgNcaguacugcgauccgga..... 1
 Gi2_10803199_x3.....ggccccgccCguacugcgau..... 1
 Gi3_27840677_x3.....gcccUgccaguacugcgau..... 1
 Gi2_10800826_x3.....gcUaguacugcgauccggagacguc..... 1
 Gi1_4053615_x3.....cgccaguacugcgauccggagacgucgu..... 0
 Gi5_8670410_x3.....auUggagacgucgugggaaca..... 1
 Gi2_10783987_x3.....gacgucgugggaacacggUgugcc..... 1
 Gi1_4050567_x3.....cgGgggaacacggggugccga..... 1
 Gi2_10807603_x3.....gGgaagcgccgucagggccccccag..... 1
 Gi3_27820862_x3.....aucggagacAucgugggaacac..... 1
 Gi2_10770001_x3.....ucgugggaacacggggugcUgaac..... 1
 Gi1_4082853_x3.....cgugggaacacggggCgccg..... 1
 Gi3_27890897_x3.....cgauccggagacgucgugggaacacggggG..... 1
 Gi3_27924605_x3.....Aucagggccccgccaguacugc..... 1
 Gi3_27903215_x3.....Aucgugggaacacggggugc..... 1
 G1a_5856088_x3.....cUaucggagacgucguggga..... 1
 Gi2_10759663_x3.....aagcgccgucagggccccgccaguGcugc..... 1
 Gi5_8663657_x3.....gggaacacggggugcGgaacu..... 1
 Gi3_27932672_x3.....gauUggagacgucgugggaacac..... 1
 G1a_5850379_x3.....ugggaacacggggugcUgaacu..... 1
 Gi3_27944294_x3.....gggCacacggggugccgaac..... 1
 Gi1_4062036_x3.....ggagacguNuggggaacacggggugcc..... 1
 Gi2_10818823_x3.....ucguuccgaauaggaagagaagcggcugc..... 0
 Gi3_27925919_x3.....aggccccgNcaguacugcgauccggagacg..... 1
 Gi3_27953948_x3.....ugggaacacggAgugccg..... 1
 Gi2_10780222_x3.....gaCcgagacgucgugggaacacg..... 1
 Gi1_4084035_x3.....uUcgaucggagacgucgugggaacacg..... 1
 Gi2_10733119_x3.....ucUggccccgccaguacug..... 1
 Gi2_10794130_x3.....cgugggaacacggggCgccg..... 1
 Gi5_8702921_x3.....gggaacacggCgugccgaacu..... 1
 Gi3_27960848_x3.....Gcgauccggagacgucgugggaaca..... 1
 Gi3_27846413_x3.....cgucgugggaacaAgggugcc..... 1
 Gi3_27921779_x3.....cgucagggccccccagGacugcg..... 1
 Gi2_10796488_x3.....ggagacguNuggggaacac..... 1
 Gi5_8651198_x3.....ucgugggaacacgCggugccgaacu..... 1
 Gi2_10729555_x3.....caggcAccgccaguacugcgau..... 1
 Gi5_8653559_x3.....aggccccgccGguacugcgau..... 1

Gi2_10771657_x3.....cguggAaacacggggugc..... 1
Gi2_10787191_x3.....ccUcgccaguacugcgauccgagac..... 1
Gi5_8677232_x3.....ccaguacuNcgauccgagacgu..... 1
Gi3_27884045_x3.....guUaggccccgccaguacugcgau..... 1
Gi3_27806531_x3.....guNggaacacggggugcc..... 1
G1a_5864764_x3.....cUccgccaguacugcgauccgagacguc..... 1
Gi3_27944438_x3.....Ccgagacgucgugggaacacggggg..... 1
Gi3_27878522_x3.....cgugggaacacggggCugccgaa..... 1
Gi3_27912089_x3.....gugggaacacCgggugccga..... 1
Gi3_27968057_x3.....gaucggCgacgucgugggaacacggg..... 1
G1a_5834365_x3.....Caacacggggugccgaacu..... 1
Gi4_548118_x3.....guacugcgNucggagacgucgugg..... 1
Gi3_27904043_x3.....aucggagGcgucguggga..... 1
Gi3_27851339_x3.....aucNgagacgucgugggaacacggg..... 1
Gi3_27969368_x3.....gccccgccaguacugcgacC..... 1
G1a_5842435_x3.....Uagacgucgugggaacacg..... 1
Gi2_10792555_x3.....gucgugggaacacgggguAccgaac..... 1
Gi2_10764967_x3.....cGcgccaguacugcgauccgagacguc..... 1
Gi2_10768798_x3.....gucagggccccgccagCacugc..... 1
Gi2_10771819_x3.....aUcgccgucagggccccgccaguacugcgau..... 1
Gi5_8678357_x3.....ucUugggaacacggggugccgaac..... 1
Gi3_27979649_x3.....aggUcccgccaguacugcgau..... 1
Gi3_27908333_x3.....cgauccgagacgucgugggaCcacggg..... 1
G1a_5857144_x3.....cgucagggccccgccaguGcugcg..... 1
Gi1_4084479_x3.....ucagggccccgccaguacugcgauCaga..... 1
Gi2_10736659_x3.....acgucgugggaacCcggggugccgaac..... 1
Gi2_10793788_x3.....aUuacugcgauccgagacgucgu..... 1
Gi1_4054935_x3.....ugggaacacggggugccgaacG..... 1
Gi2_10786129_x3.....Ggccgucagggccccgccaguacugc..... 1
Gi5_8688542_x3.....uUcgauccgagacgucgugggaacacg..... 1
Gi2_10808542_x3.....gacgucguNggaacacggggugcc..... 1
Gi3_27979802_x3.....cguuccgaauaCgaagagaagcgccguc..... 1
G1a_5821882_x3.....gUgaacacggggugccgaac..... 1
Gi2_10821991_x3.....gugNgaacacggggugccg..... 1
Gi3_27835445_x3.....gucgAggggaacacggggugccgaac..... 1
G1a_5849527_x3.....ucggagacgucgugggGacacggg..... 1
Gi2_10828168_x3.....aucggagGcgucgugggaacacgggg..... 1
G1a_5820790_x3.....aucggagacgucguAggaacacggg..... 1
Gi3_27903698_x3.....agacgucgugggaacacggggugccgaCcu..... 1
Gi5_8683115_x3.....ggaacacggggAgccgaac..... 1
Gi3_27929564_x3.....ggNacacggggugccgaacu..... 1
Gi3_27920174_x3.....agagUagcgccgucagggccccg..... 1
Gi3_27816251_x3.....acugcgauccgCgacgucgu..... 1
Gi3_27965708_x3.....Agagacgucgugggaacacggggugccgaa..... 1
Gi3_27884099_x3.....ccccgccaguacugUgau..... 1
Gi3_27963212_x3.....aacacgggguAccgaacu..... 1
Gi3_27805952_x3.....gugggaacacgggguUccg..... 1

Gi5_8671646_x3.....aucggagacgucgCgggaacacgg..... 1
 Gi3_27877985_x3.....caggccccgccagCacugcga..... 1
 Gi2_10826314_x3.....aucggaAacgucgugggaacacggggug..... 1
 Gi3_27851591_x3.....aucggagacgucgugggGacacggggugc..... 1
 Gi3_27836228_x3.....uccgaauuaggaagagaagc..... 0
 Gi3_27962873_x3.....Agagacgucgugggaacacggggugccg..... 1
 Gi3_27832094_x3.....cgucgugggaacacggggugccAa..... 1
 G1a_5859607_x3.....gaucggagacgucgugggCacacggg..... 1
 Gi2_10817107_x3.....aCgggagacgucguggga..... 1
 Gi5_8660984_x3.....aacacggggUccgaacu..... 1
 Gi3_27864794_x3.....cccgccaguGcugcgauccgagacguc..... 1
 Gi3_27811586_x3.Gcuuaacucguuccgaau..... 1
 G1l_4086336_x3.....cgucaggccccgccaguacCgcg..... 1
 Gi3_27871664_x3.....cccgccaguacugcgauccAgagacg..... 1
 G1l_4077654_x3.....gugggaacacggggugUc..... 1
 Gi2_10763680_x3.....gaucUgagacgucgugggaaca..... 1
 Gi3_27812168_x3.....gggaacaGggggugccgaac..... 1
 G1l_4052571_x3.....ggccccgccaguacugcgauccg..... 0
 Gi3_27875126_x3.....aggcAccgccaguacugc..... 1
 Gi3_27970433_x3.....gucguggCaacacggggugccgaacu..... 1
 Gi2_10802128_x3.....cgccaguacugcgauccgCgacg..... 1
 Gi2_10816027_x3.....cUcgccaguacugcgauccgagac..... 1
 Gi2_10807438_x3.....ggaCcacggggugccgaac..... 1
 Gi2_10809481_x3.....gaGgcgccgucagggccccgc..... 1
 Gi3_27890750_x3.....agaUgucgugggaacacggggugccgaacu..... 1
 Gi2_10777291_x3.....cccUgccaguacugcgaucc..... 1
 Gi5_8660855_x3.....agacgucgugggaacacggggugcUgaacu..... 1
 Gi5_8665718_x3.....gacgucgugggGacacggggugccgaacu..... 1
 Gi5_8654792_x3.....cgucgugggaacacggggugcAgaacu..... 1
 Gi2_10763785_x3.....acgucgugggaacacggggugcA..... 1
 Gi3_27856406_x3.....ucgugggaacacggAgugccg..... 1
 Gi2_10726510_x3.....gaucggagacgucgugggaacaAggggu..... 1
 Gi2_10739275_x3.....Uccgccaguacugcgaucc..... 1
 G1a_5859235_x3.....caguacugcgCucggagacguc..... 1
 Gi3_27918440_x3.....aggaagagaagcgccgucagggccc..... 0
 Gi3_27944237_x3.....gCcaggccccgccaguacug..... 1
 Gi3_27938246_x3.....ucggagacgucguAggaacacggggugcc..... 1
 G1l_4071903_x3.....ucgugggaacacAgggugcc..... 1
 Gi3_27959078_x3.....gccccgccaguacugcgauA..... 1
 G1l_4084524_x3.....cUggccccgccaguacugc..... 1
 Gi3_27863696_x3.....gaagagaagcgccgucAaAg..... 1
 Gi2_10743385_x3.....gaucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27821687_x3.....ggaacacggggugGcgaacu..... 1
 Gi2_10825678_x3.....gacgucguNggaacacggggugccgaacu..... 1
 Gi3_27878891_x3.....cugcgauccNgagacgucg..... 1
 Gi3_27883004_x3.....cgugggaacCcgggugccg..... 1
 G1a_5856013_x3.....cUucaggccccgccaguacug..... 1

Gi3_27942383_x3.....gauUggagacgucgugggaacacg..... 1
 Gi5_8666564_x3.....Aacgucgugggaacacggggugccgaac..... 1
 Gi3_27959663_x3.....Gcaggccccgccaguacugcgauccgga..... 1
 Gi3_27872324_x3.....gucaggccccgccaguacugcgga..... 0
 Gi2_10776319_x3.....cggGgacgucgugggaacacggggugccgaa..... 1
 Gi1_4074405_x3.....ggaacacAgggugccgaac..... 1
 Gi2_10814467_x3.....ggNgacgucgugggaacacggggugcc..... 1
 Gi3_27804476_x3.....cgccgucaNgccccgccaguac..... 1
 Gi3_27866378_x3.....cgugggaacGcggggugccgaa..... 1
 Gi2_10777894_x3.....gagaagcgccgCcaggccccgccag..... 1
 Gi3_27850634_x3.....cggagacgucgugggaacGcgg..... 1
 Gi2_10759630_x3.....ccccgccaguacugcgauccgagGc..... 1
 Gi2_10774135_x3.....acgucAugggaacacggggugccgaac..... 1
 Gi2_10803274_x3.....aucggUgacgucgugggaacacg..... 1
 Gi5_8694500_x3.....aacacggggugGcgaacu..... 1
 Gi4_545877_x3.....gugggaacacggggugcUgaacu..... 1
 Gi3_27800921_x3.....ucgugggaNcacgggug..... 1
 Gi1a_5857492_x3.....aguacugcgauccgagacgCcg..... 1
 Gi2_10734031_x3.....gUucggagacgucguggga..... 1
 Gi1_4061400_x3.....ucgugggaacacggggGcg..... 1
 Gi2_10787143_x3.....gaucggagacgucAugggaacacggggugc..... 1
 Gi1a_5837830_x3.....aUuacugcgauccgagac..... 1
 Gi1a_5817382_x3.....agaaUcggccgucaggccccgc..... 1
 Gi3_27808211_x3.....cgucaggccccgccaguacuA..... 1
 Gi3_27948998_x3.....Aucgugggaacacggggug..... 1
 Gi1_4054662_x3.....aucggagaNgucgugggaacacggggugcc..... 1
 Gi1_4055004_x3.....ucgugggGacacggggugccg..... 1
 Gi5_8699030_x3.....cgugggaacGcgggugcc..... 1
 Gi3_27816263_x3.....cgucgugggUacacggggugccga..... 1
 Gi2_10812994_x3.....agacgucgugggaacacAggggugccgaacu..... 1
 Gi3_27906536_x3.....cgugggaacacCgggugccgaac..... 1
 Gi3_27959921_x3.....Cggccccgccaguacugcgauccg..... 1
 Gi5_8679500_x3.....uacugcgauccgagacgC..... 1
 Gi3_27797090_x3.....cugcgauccgagGcugc..... 1
 Gi5_8663168_x3.....gGcaggccccgccaguac..... 1
 Gi1_4053834_x3.....aucggagacgCcgugggaacacg..... 1
 Gi5_8699957_x3.....gugggaacacAggggugccga..... 1
 Gi3_27815993_x3.....agccccgccaguacAgcga..... 1
 Gi3_27936638_x3.....gGacgucgugggaacacggggugcc..... 1
 Gi3_27869987_x3.....ggagacgucgugggaacGcg..... 1
 Gi1_4077108_x3.....ucgugggaacacggggugccAaac..... 1
 Gi5_8714897_x3.....gacgucgugggGacacggggugccg..... 1
 Gi1_4078362_x3.....Cacgucgugggaacacggggugccg..... 1
 Gi5_8686553_x3.....gugggaGcacggggugccga..... 1
 Gi3_27889250_x3.....aggUcccgccaguacugcg..... 1
 Gi3_27948131_x3.....uGuguggaacacggggugcc..... 1
 Gi1a_5840341_x3.....cgccaguacugcgauUggagacguc..... 1

Gi3_27824561_x3.....ucgugggaacacggggugccUaacu..... 1
 Gi3_27807257_x3.....Cagacgucgugggaacacggggugccg..... 1
 Gi5_8684549_x3.....ugggaacacgggAugccgaac..... 1
 Gi3_27891413_x3.....caggUcccgccaguacugcgau..... 1
 Gi1a_5864272_x3.....gugggaacacggggugccgaacG..... 1
 Gi5_8685278_x3.....ugggaacacggggUccgaacu..... 1
 Gi1_4054014_x3.....aucggagaNgucgugggaacacg..... 1
 Gi2_10813732_x3.....cgugggaacacggggGgc..... 1
 Gi2_10766509_x3.....ccgccaguacugcgau..... 0
 Gi2_10760674_x3.....gaaNacggggugccgaacu..... 1
 Gi2_10750396_x3.....Cagaagcgccgucagccccgcc..... 1
 Gi3_27887930_x3.....aucggagacgucgugggaacacAgggugcc..... 1
 Gi3_27929816_x3.....acugcgauccggagacgucG..... 1
 Gi1_4051761_x3.....gaUgucgugggaacacacggggugccgaacu..... 1
 Gi2_10728835_x3.....gaucggagacgucgugggaacacggggGgcc..... 1
 Gi2_10806874_x3.....gggaacaUggggugccgaac..... 1
 Gi5_8683868_x3.....agacgucGAgggaacacggggugccgaacu..... 1
 Gi5_8692445_x3.....auUggagacgucgugggaacacacgggg..... 1
 Gi2_10803469_x3.....gaucAgagacgucgugggaacacggggug..... 1
 Gi3_27888605_x3.....gacgucgugggaacacgggAugccgaacu..... 1
 Gi3_27871103_x3.....gggUacacggggugccgaa..... 1
 Gi3_27848687_x3.....gucaggccccgccaguGcugc..... 1
 Gi2_10770121_x3.....cgggagacgucgugggaacacggg..... 0
 Gi5_8715584_x3.....aucggagGcugcuggggaacacgggg..... 1
 Gi3_27896831_x3.....cgucgugggaaUacggggugc..... 1
 Gi3_27901826_x3.....gucgugggaacCcggggugcc..... 1
 Gi1a_5871601_x3.....gggaacacggggugccgGacu..... 1
 Gi2_10786597_x3.....aggccccgccGguacugcgau..... 1
 Gi5_8675660_x3.....gugggaacacgUggugccgaac..... 1
 Gi5_8662676_x3.....gGcugcuggggaacacggggugccgaac..... 1
 Gi5_8695256_x3.....ggaaGacggggugccgaac..... 1
 Gi2_10788667_x3.....caggccccNccaguacug..... 1
 Gi3_27850022_x3.....ccccgccGguacugcgauccggagacguc..... 1
 Gi3_27818246_x3.....caggccccgccUguacugcga..... 1
 Gi3_27812246_x3.....aucggagacUucgugggaacac..... 1
 Gi5_8705870_x3.....ugggaacacggggugcAgaac..... 1
 Gi3_27977819_x3.....aagGgaagcgccgucagccccgcca..... 1
 Gi3_27845630_x3.....uNggaaacacggggugccgaac..... 1
 Gi2_10771975_x3.....aggcccUgccaguacugcg..... 1
 Gi2_10825615_x3.....gaCgggagacgucgugggaacac..... 1
 Gi2_10726930_x3.....caggccccgccaguacugcA..... 1
 Gi5_8657477_x3.....aucggagacgucgugggaacGcggg..... 1
 Gi5_8671109_x3.....aucggagaNgucgugggaacacggg..... 1
 Gi1_4047867_x3.....cgucgugggaacacggggugccAaacu..... 1
 Gi2_10792666_x3.....Aacgucgugggaacacggggugccg..... 1
 Gi1a_5857135_x3.....ggaaacacggggugcAgaacu..... 1
 Gi2_10814404_x3.....aucggagacgucAugggaaca..... 1

Gi3_27886835_x3.....Uagacgucgugggaacacggggugccgaa..... 1
 Gi3_27979301_x3.....ucggagacgucgugggCacacgggu..... 1
 Gi3_27809537_x3.....cAgagacgucgugggaacac..... 1
 Gi1_4054857_x3.....Ugugggaacacggggugccg..... 1
 Gi3_27870071_x3.....gaucggGgacgucgugggaacacg..... 1
 Gi2_10762645_x3.....aucggagacgucgugggaacaAg..... 1
 Gi3_27851066_x3.....Ggccgucagggccccccaguac..... 1
 Gi2_10784653_x3.....ucgugggaacacggggugUcg..... 1
 Gi3_27957371_x3.....ucaggccccAccaguacugc..... 1
 Gi3_27812252_x3.....aggccccccaguUcugcgauc..... 1
 Gi5_8657315_x3.....aacacCgggugccgaacu..... 1
 Gi2_10739425_x3.....gccaguacugcgGucggagacguc..... 1
 Gi2_10804090_x3.....agacgCcgugggaacacggggugccgaacu..... 1
 Gi2_10800646_x3.....gucguUggaacacggggugccgaacu..... 1
 Gi2_10796053_x3.....gucgugggaacaGggggugccgaacu..... 1
 Gi3_27831113_x3.....gCgaacacggggugccga..... 1
 Gi5_8655326_x3.....gCgggaacacggggugccgaacu..... 1
 Gi3_27927239_x3.....gaucgAagacgucgugggaacacgggu..... 1
 Gi1_4075146_x3.....cgucagAcccccagacuacugc..... 1
 Gi5_8682356_x3.....ugggaCcacggggugccgaac..... 1
 Gi3_27800288_x3.....ccUcgccaguacugcgauccgagacgu..... 1
 Gl1_5867491_x3.....gggaaUacggggugccgaacu..... 1
 Gi2_10817953_x3.....ccccgccaguacugcgGucgg..... 1
 Gi3_27913940_x3.....aCgggagacgucgugggaacac..... 1
 Gi1_4066944_x3.....gaucggagacgucgCgggaacacggggugccg..... 1
 Gi1_4059243_x3.....cgucaggcNccgccaguacugcg..... 1
 Gi5_8680556_x3.....acucguuccgaauuaggaagagaagcg..... 0
 Gl1_5835673_x3.....aucggagacgucAugggaacacg..... 1
 Gl1_5849461_x3.....aucggagacgucgugggaCcacgggu..... 1
 Gi3_27917228_x3.....gUgaagcgccgucagggcc..... 1
 Gi2_10817077_x3.....cggUgacgucgugggaacacggggugcc..... 1
 Gi2_10812775_x3.....gaucggagacgGcgugggaacacggggugcc..... 1
 Gi2_10741366_x3.....gccUcgccaguacugcgaucc..... 1
 Gi2_10761133_x3.....aUacgucgugggaacacgggu..... 1
 Gi3_27933566_x3.....gacguGgugggaacacggggugccgaacu..... 1
 Gi3_27962246_x3.....agUccccgccaguacugcgauccgagacguc..... 1
 Gi3_27950312_x3.....gGcaguacugcgauccgag..... 1
 Gi3_27894683_x3.....cgccaguGcugcgauccgagac..... 1
 Gi3_27918635_x3.....cgucaggccUcgccaguacugcgauccg..... 1
 Gl1_5821597_x3.....ggaaCcgggugccgaacu..... 1
 Gi3_27817700_x3.....ccccccaNuacugcgauccgagacgu..... 1
 Gi2_10826347_x3.....cgauccggaNacgucgugg..... 1
 Gi2_10787461_x3.....aucggagacgucgugggaacGcgg..... 1
 Gi2_10811233_x3.....cgucgugggaacacggggUaccgaa..... 1
 Gi1_4065462_x3.....aggccccccaguacugcgauccg..... 0
 Gl1_5873851_x3.....gugggaacacAgggugcc..... 1
 Gi3_27856451_x3.....agcgccgCcaggccccgcc..... 1

Gi1a_5852317_x3.....acugcgauNggagacguc..... 1
Gi1a_5837572_x3.....caguGcugcgauCggagacguc..... 1
Gi3_27924356_x3.....gccaguacugcgGucggagacguc..... 1
Gi3_27826565_x3.....cgccaguaNugcgauCggaga..... 1
Gi5_8664836_x3.....gaacacUgggugccgaacu..... 1
Gi5_8655449_x3.....gacgucguNggaacacggggugccgaacu..... 1
Gi2_10816861_x3.....gucguggAaacacggggugccgaac..... 1
Gi1_4076172_x3.....ucggagacgucgugggGacacg..... 1
Gi3_27846662_x3.....gggaacacggggugccgUa..... 1
Gi2_10754569_x3.....CccaguacugcgauCggagacgu..... 1
Gi1_4054542_x3.....gugggaacacggggugccA..... 1
Gi4_549663_x3.....guggUaacacggggugccgaacu..... 1
Gi3_27847958_x3.....gggaacacggggugUcga..... 1
Gi3_27863798_x3.....cgugggaacacggggugcUga..... 1
Gi1_4065939_x3.....aggccccAccaguacugcgauC..... 1
Gi3_27872453_x3.....GcaguacugcgauCggagacguc..... 1
Gi3_27877439_x3.....aucggagacguUgugggaacacggggugcc..... 1
Gi2_10776688_x3.....gaucAgagacgucguggggaacacgggg..... 1
Gi2_10812463_x3.....aggccccgccaguacuUcgauc..... 1
Gi3_27823526_x3.....acugcgauCggagacAucgug..... 1
Gi2_10787239_x3.....Ggaucggagacgucgugggaaca..... 1
Gi3_27907859_x3.....aguacugcgauCggagCcg..... 1
Gi3_27861284_x3.....aucggaAacgucgugggaacacgg..... 1
Gi1_4081326_x3.....gaucggagNcgucgugg..... 1
Gi3_27940103_x3.....gaucggagacgucgugggaacacggAg..... 1
Gi1a_5822161_x3.....agGacugcgauCggagacguc..... 1
Gi5_8714585_x3.....uCggaacacggggugccgaa..... 1
Gi3_27858914_x3.....GcugcgauCggagacgucgu..... 1
Gi3_27911447_x3.....UccccgccaguacugcgauCggagacgu..... 1
Gi3_27930824_x3.....UaggccccgccaguacuCgga..... 1
Gi1_4053885_x3.....aaUagaagcgccgucaggccccgcc..... 1
Gi5_8704574_x3.....Aagaagcgccgucaggccccgc..... 1
Gi2_10742344_x3.....Gcgucaggccccgccaguacugc..... 1
Gi1a_5853538_x3.....gggaacacggggUaccgaacu..... 1
Gi2_10823950_x3.....ggUccccgccaguacuCgga..... 1
Gi3_27803858_x3.....gucgugggaGcacgggg..... 1
Gi1_4048494_x3.....agaUgucgugggaacacggggugccgaacu..... 1
Gi3_27799826_x3.....aucggagacgucgugggaacaAg..... 1
Gi2_10726075_x3.....gucaggccccgccaguacuAc..... 1
Gi2_10827322_x3.....gugNgaacacggggugcc..... 1
Gi3_27833963_x3.....aGgucgugggaacacggggugccga..... 1
Gi3_27916112_x3.....gagacgucgugggaacGcggggugccgaac..... 1
Gi2_10780558_x3.....aucggagacgucgugggaacacggggUac..... 1
Gi2_10820890_x3.....Naacacggggugccgaacu..... 1
Gi3_27915731_x3.....cUccgccaguacugcgauCggagacguc..... 1
Gi5_8676794_x3.....guUggaacacggggugccgaa..... 1

Gi2_10732465_x3.....aCcacggggugccgaacu..... 1
 Gi3_27859553_x3.....cgagacgucguUggaacacggggu..... 1
 Gi3_27912203_x3.....cccgccaguacugcgauccggagGcgu..... 1
 Gi3_27827144_x3.....ggagacguUgugggaacacggggu..... 1
 G1a_5829289_x3.....Uucgugggaacacggggugccga..... 1
 Gi3_27959876_x3.....uaggaagagaagcggcgc..... 0
 Gi2_10767778_x3.....cccgccaguacGcgauccggagacguc..... 1
 G1a_5871067_x3.....Gggccccgccaguacugc..... 1
 Gi3_27918179_x3.....guNggaacacggggugccga..... 1
 Gi3_27809774_x3.....agAccccgccaguacugcga..... 1
 Gi3_27942323_x3.....gaucggagNcgucgugggaacac..... 1
 Gi2_10802359_x3.....agaagcgcNgcagggccccgcc..... 1
 Gi2_10759894_x3.....gagacgucgugggaGcacggggugc..... 1
 Gi1_4064145_x3.....gucgugggaacacggggugGc..... 1
 Gi1_4067565_x3.....gGcaguacugcgauccggagacg..... 1
 G1a_5835253_x3.....gGucggagacgucgugggaacacggggu..... 1
 Gi1_4049322_x3.....gucgugggNacacggggugcc..... 1
 Gi5_8694095_x3.....cUgagacgucgugggaacacg..... 1
 Gi2_10763503_x3.....ugggaacCcggggugccg..... 1
 Gi2_10726579_x3.....gAcaggccccgccaguacugc..... 1
 Gi3_27833189_x3.....Cggccccgccaguacugcga..... 1
 Gi3_27951293_x3.....aucGgagacgucgugggaacacggggugc..... 1
 Gi2_10822297_x3.....aggccccgccaguaGucggauc..... 1
 Gi2_10820941_x3.....ugggaacacggggugAcgaac..... 1
 Gi3_27919262_x3.....cGgccaguacugcgauccggagac..... 1
 Gi1_4076022_x3.....Ugccccgccaguacugcgauc..... 1
 Gi3_27889274_x3.....Gcgccaguacugcgauccggagacgu..... 1
 Gi3_27905588_x3.....guUaggccccgccaguacug..... 1
 Gi2_10733626_x3.....cgucguAggaacacggggugcc..... 1
 Gi3_27867434_x3.....ucgugggaacacggggugGcgaacu..... 1
 Gi2_10815778_x3.....cUgccaguacugcgauccgg..... 1
 Gi2_10758457_x3.....aucggagaUgucgugggaacacggggugcc..... 1
 Gi3_27973421_x3.....gaGgagaagcggccgucagggc..... 1
 Gi2_10776682_x3.....agacgucguAggaacacggggugcc..... 1
 Gi5_8655662_x3.....ggccccgcNaguacugcgauc..... 1
 Gi5_8681231_x3.....gucaggcccUgccaguacugc..... 1
 Gi1_4063695_x3.....ggUgacgucgugggaacacggggugc..... 1
 Gi2_10817665_x3.....gGucggagacgucgugggaaca..... 1
 Gi3_27906290_x3.....cccgccaguacugcgGucggaga..... 1
 Gi3_27925478_x3.....aucggagacgucgugggaUcacggg..... 1
 Gi1_4077408_x3.....aagagaagcggccgucagggc..... 0
 Gi3_27804263_x3.....ucgugggaUacggggugc..... 1
 Gi3_27953765_x3.....agaUgucgugggaacacggggugccgaac..... 1
 Gi3_27907094_x3.....aUgagaagcggccgucagggccccgcc..... 1
 Gi2_10823332_x3.....cgugggaacGcggggugccg..... 1
 Gi4_548895_x3.....cgCgggaacacggggugccgaacu..... 1
 Gi2_10821178_x3.....cgugggaacGcggggugccga..... 1

Gi3_27877019_x3.....cgucgugggaacacgggguAccgaac..... 1
 Gi3_27973520_x3.....Gagagaagcgccgucaggcccc..... 1
 Gi2_10823371_x3.....cgucgugggaacacgggAugccgaacu..... 1
 Gl1_5876032_x3.....Uaucggagacgucgugggaacac..... 1
 Gi3_27885170_x3.....acgucgugggaacacggggugccgaaA..... 1
 Gi1_4075632_x3.....cgugggaGcacggggugccgaa..... 1
 Gi2_10801072_x3.....aAcggagacgucgugggaaca..... 1
 Gi3_27857210_x3.....cgugggaacacgAggugccga..... 1
 Gi3_27942389_x3.....ucgugggaacCcggggug..... 1
 Gi3_27849020_x3.....Ngggaacacggggugccgaacu..... 1
 Gi3_27949607_x3.....cccgccagNacugcgauccgaga..... 1
 Gi3_27927203_x3.....ggaacacCgggugccgaacu..... 1
 Gl1_5851645_x3.....uggNaacacggggugccgaacu..... 1
 Gi3_27824828_x3.....Gggccccgccaguacugcgauccgagacguc..... 1
 Gi2_10821493_x3.....agagaagcgccgucaggcUcc..... 1
 Gi3_27846491_x3.....ugggaacacgggCugccgaa..... 1
 Gl1_5866681_x3.....gUccccgccaguacugcg..... 1
 Gi3_27880391_x3.....aagagaagNgccgucaggcccc..... 1
 Gi2_10760725_x3.....agacgCcgugggaacacggggugccg..... 1
 Gi1_4062876_x3.....cccgccaguacugcgaucc..... 0
 Gl1_5826214_x3.....aagagaagNgccgucaggccc..... 1
 Gi5_8714903_x3.....aGucggaucggagacgucgug..... 1
 Gi3_27865241_x3.....acgucgugggGacacggggugc..... 1
 Gi3_27815108_x3.....caggcUccgccaguacugcgaucc..... 1
 Gi1_4080687_x3.....gacgucgugggaacacggggugccgGacu..... 1
 Gi2_10736566_x3.....gugggaaAacggggugccga..... 1
 Gi2_10777267_x3.....aggcGccgccaguacugcga..... 1
 Gi3_27854582_x3.....Aaagagaagcgccgucaggcccc..... 1
 Gi2_10802239_x3.....cUccgucaggccccgccaguacugcgaucc..... 1
 Gi3_27848435_x3.....gagacgucgCgggaacacggggugccgaac..... 1
 Gi2_10756420_x3.....acgucgugggaacGcggggugc..... 1
 Gi3_27859004_x3.....gggaacacCgggugccgaac..... 1
 Gi3_27819695_x3.....cUggccccgccaguacugcgauccg..... 1
 Gi2_10805077_x3.....gaucggagacgucgugggaacGcggggugcc..... 1
 Gi3_27970055_x3.....ugggaacacggUgugccgaac..... 1
 Gi2_10808941_x3.....Agggaacacggggugccgaa..... 1
 Gi3_27913664_x3.....gacgucgugggaacacggggugcUgaac..... 1
 Gl1_5816455_x3.....aucggagacgucgugggaacacA..... 1
 Gi3_27894512_x3.....cugcgaCcgagacgucg..... 1
 Gi1_4076895_x3.....cUgagacgucgugggaacacgggg..... 1
 Gi2_10777213_x3.....cgugggaacacgggguAccgaa..... 1
 Gi3_27890720_x3.....gucaggccccgccGuaucugc..... 1
 Gi2_10792939_x3.....agacgucgNgggaacacggggugc..... 1
 Gl1_5826532_x3.....gugggaacUcggggugccgaacu..... 1
 Gi3_27878144_x3.....cUccgccaguacugcgau..... 1
 Gi2_10820020_x3.....aucggagacgucgugggUacacggggugc..... 1
 Gi3_27975320_x3.....gaagagCagcgccgucaggccc..... 1

Gi5_8655929_x3	.....gacgucgugggaaacaUggggugccgaacu.....	1
Gi1_4078674_x3	.....aucggagaNgucgugggaaacacgg.....	1
G1a_5841070_x3	.....aguacugcAaucggagacguc.....	1
Gi3_27960152_x3	.....acgucgugNgaacacggg.....	1
Gi3_27900527_x3	.....gUucggagacgucgugggaaacacgggg.....	1
Gi2_10730152_x3	.....aagagaagcgccgucagggccccccagucguc.....	0
Gi3_27799364_x3	.....Agugggaacacggggugccg.....	1
Gi2_10763620_x3	.....gGcgucagggccccccagucgucguc.....	1
Gi3_27881918_x3	.....gccccccagucgucgga.....	0
Gi3_27809156_x3	.....Aagacgucgugggaaacacggggg.....	1
Gi3_27977213_x3	.....Ngugggaacacggggugccgaac.....	1
G1a_5832058_x3	.....cagucgucNgaucggagac.....	1
Gi2_10728463_x3	.....ggagacgucgugAgaacacggggugcc.....	1
Gi2_10808905_x3	.....gucguAggaacacggggugccgaac.....	1
Gi3_27930878_x3	.....caggAcccgccagucguc.....	1
Gi2_10768621_x3	.....cgucgugggaaacCcggggugccga.....	1
G1a_5814250_x3	.....acugcgaucggagacgucgCg.....	1
Gi2_10742845_x3	.....gucagggccccCccagucgucg.....	1
Gi3_27914966_x3	.....Acccgccagucgucgga.....	1
Gi3_27821651_x3	.....ucagggccccccagucgucggaCc.....	1
Gi3_27928439_x3	.....cgugggaaacaUggggugcc.....	1
Gi5_8663171_x3	.....ugggaacacgggUugccgaac.....	1
Gi1_4049802_x3	.....agUccccccagucgucgucg.....	1
Gi3_27813257_x3	.....gucgugggaaacacggggugccUaacu.....	1
Gi1_4068357_x3	.....aCacgucgugggaaacacggggugccgaacu.....	1
Gi1_4074750_x3	.....gugggaacUcggggugccgaacu.....	1
Gi3_27826904_x3	.....gucgugggaaacacggggGgccga.....	1
Gi3_27907781_x3	.....ggagaUgucgugggaaacacggggugcc.....	1
Gi2_10802134_x3	.....gagacgucgugggaaacacAgggugcc.....	1
Gi3_27904814_x3	.....cgaucggaNacgucgugggaaacacggg.....	1
Gi2_10730275_x3	.....cgUucggagacgucgugggaaacacggggug.....	1
Gi2_10780765_x3	.....caggccccccagucgucgga.....	1
Gi2_10789327_x3	.....Cccccccagucgucgga.....	1
Gi5_8692316_x3	.....cAugggaacacggggugccga.....	1
G1a_5853256_x3	.....ugggaaUacggggugccgaacu.....	1
Gi5_8704820_x3	.....gCgggaaacacggggugcc.....	1
Gi3_27882782_x3	.....caggccccccagucgucgga.....	1
Gi2_10766263_x3	.....agUgaagcgccgucagggcccccc.....	1
Gi2_10796734_x3	.....gggaaacacgggCugccgaacu.....	1
Gi2_10822768_x3	.....gugggaacNcggggugccgaacu.....	1
Gi3_27828755_x3	.....aucggagacgucgugAaacac.....	1
Gi5_8666699_x3	.....Gaguacugcgaucggagacguc.....	1
Gi2_10749937_x3	.....aucggagacgAcgugggaaaca.....	1
Gi3_27825662_x3	.....gggaaacacggggCgccga.....	1
Gi3_27873527_x3	.....ucagggccccccagucgucgGucgg.....	1
Gi1_4049010_x3	.....gugggaCcacggggugccgaacu.....	1
Gi2_10736200_x3	.....caggccccccUguacugc.....	1

Gi3_27905708_x3.....cgucgugggaacacggggugccC..... 1
 Gi1_4075395_x3.....gGgacgucgucgugggaacacggggugccgaacu..... 1
 Gi2_10783732_x3.....guggCaacacggggugcc..... 1
 Gi4_548136_x3.....acucgcaucggagacgucgug..... 0
 Gi2_10748338_x3.....gggaacacggggUccgaacu..... 1
 Gi3_27967211_x3.....cGgcccagucgucggaucggag..... 1
 Gi1_4060731_x3.....aUgccccccagucgca..... 1
 Gi4_550260_x3.....aucggagacgucgucguggaacc..... 0
 Gi3_27834089_x3.....ggagacgucgugggaacGcggggugcc..... 1
 Gi2_10792429_x3.....ucaggccccccagucgucgcauc..... 1
 Gi2_10749271_x3.....gaucggagacgucgGgggaacacggggug..... 1
 G1a_5867374_x3.....agaGgcccagucagggccccgc..... 1
 Gi2_10815790_x3.....agacgucgugggaacacggggGgcc..... 1
 Gi2_10811815_x3.....CacgucgugggaacacggggU..... 1
 Gi2_10814509_x3.....ucgugggaaAacggggugccgaac..... 1
 Gi3_27973373_x3.....gccagucgucggaucggGgacguc..... 1
 Gi2_10786039_x3.....aguacgucgcaucUgagacgu..... 1
 Gi2_10810735_x3.....agGagcccagucagggcccc..... 1
 Gi2_10757557_x3.....aucggagacgucgugggaacacggAgugc..... 1
 G1a_5860282_x3.....aagagGagcccagucagggcccc..... 1
 Gi3_27947357_x3.....aucggagacgucgugggaacaUggggugc..... 1
 Gi2_10743457_x3.....cggagacgucgugggaacacggggGgc..... 1
 Gi2_10821571_x3.....aucggaAacgucgugggaacacggggugc..... 1
 Gi2_10726444_x3.....cgUucggagacgucgugg..... 1
 Gi2_10788151_x3.....ggaacacgggUugccgaacu..... 1
 Gi3_27803885_x3.....gucgGgggaacacggggugccga..... 1
 Gi1_4048674_x3.....Gcucagggccccccagucg..... 1
 Gi2_10804186_x3.....ucaggccccAccagucguc..... 1
 Gi3_27824768_x3.....Ngaacacggggugccgaac..... 1
 Gi3_27903650_x3.....gaucggagacgucgugggaacGc..... 1
 Gi2_10781359_x3.....ccUgccagucgucggaucggagacguc..... 1
 Gi5_8662430_x3.....gAgggaacacggggugccga..... 1
 G1a_5826922_x3.....aucggagacgucgugggaacacggggC..... 1
 Gi2_10734325_x3.....ugggaaUacggggugccga..... 1
 Gi5_8706596_x3.....gaacacggggugccgaacu..... 0
 G1a_5872132_x3.....Augggaacacggggugccga..... 1
 Gi2_10764763_x3.....ggUaacacggggugccga..... 1
 Gi2_10728643_x3.....cgugggaacacggggGgccga..... 1
 G1a_5824282_x3.....cUucagggccccccagucgcaucgg..... 1
 Gi3_27801008_x3.....cgUagacgucgugggaacacggggU..... 1
 Gi5_8686193_x3.....Ugagacgucgugggaacacggggugccgaac..... 1
 Gi2_10789072_x3.....aagGgaagcccagucagggccccgc..... 1
 Gi2_10756531_x3.....cUaucggagacgucgugggaacacgggg..... 1
 Gi1_4074168_x3.....Gcagggccccccagucgcauc..... 1
 Gi5_8715218_x3.....ggaacacggggugccUaacu..... 1
 Gi1_4075992_x3.....gugggaacCggggugcc..... 1
 Gi2_10820815_x3.....gacgucgugggaacacAgggugccgaacu..... 1

Gi5_8703941_x3.....aacacgCggugccgaacu..... 1
 Gi2_10751338_x3.....acgucguggaaAacggggugc..... 1
 Gi2_10758889_x3.....agagaagcgccgucagggcccg..... 0
 Gi2_10825546_x3.....gaucggagacgucgugggGacacgggg..... 1
 G1a_5850442_x3.....aCgggagacgucgugggaaacacggggg..... 1
 Gi3_27920489_x3.....aggccccgccaguaUugcgau..... 1
 Gi2_10814374_x3.....caggUcccgccaguacugcgau..... 1
 Gi5_8712389_x3.....gacgucgugggaacacggggugccgCacu..... 1
 G11_4073253_x3.....acgucgugggaacacggggugcUgaacu..... 1
 Gi5_8691650_x3.....gggaacacggggugGcgaacu..... 1
 Gi2_10733881_x3.....aggccccgccaguGcugcgau..... 1
 Gi3_27827633_x3.....aguaucgNaucggagacgu..... 1
 Gi2_10738363_x3.....cgugggaacacggggugccgGa..... 1
 Gi2_10810327_x3.....aucggagacguGugggaaacacggg..... 1
 Gi3_27952910_x3.....cggaUacgucgugggaaacag..... 1
 G11_4081650_x3.....cccgccaguacugcgau..... 0
 G11_4085907_x3.....acgucgugggaacaAggggugccgaacu..... 1
 Gi3_27843401_x3.....gacgucgugggaacacggggugccgUacu..... 1
 Gi3_27839870_x3.....ccgccGguacugcgau..... 1
 Gi2_10769218_x3.....gaucAgagacgucgugggaaacacggggugc..... 1
 G11_4069440_x3.....aucgUagacgucgugggaaacacg..... 1
 Gi2_10755268_x3.....ggagacgucgugggaaacacggggGgc..... 1
 Gi5_8690675_x3.....cAugggaacacggggugccgaac..... 1
 Gi5_8657180_x3.....agacgucgugggaaacacggggugAcgaacu..... 1
 Gi2_10760020_x3.....ggagacAucgugggaaacacggggug..... 1
 Gi3_27937094_x3.....Ggaucggagacgucgugggaaacacggg..... 1
 Gi3_27836657_x3.....cgucgugggaaacacggggugAcgaac..... 1
 Gi2_10794466_x3.....aucggagacgucgugggaaacacgggAugc..... 1
 G11_4074330_x3.....cgAgggaacacggggugccgaac..... 1
 Gi2_10728373_x3.....ggccccgccaguacuAcgauc..... 1
 Gi3_27881672_x3.....uacugcgau..... 1
 G1a_5826586_x3.....Aaacacggggugccgaacu..... 1
 Gi5_8661320_x3.....gugggaacNcggggugccgaa..... 1
 Gi2_10764541_x3.....cgucaggAcccgccaguacugc..... 1
 Gi3_27826037_x3.....agGacugcgau..... 1
 Gi2_10732975_x3.....aucggagUcugcugugggaaacac..... 1
 Gi3_27844466_x3.....gaagagaagcgccgucGggcc..... 1
 Gi3_27898190_x3.....gagacgucgugggGacacggggg..... 1
 G1a_5870446_x3.....cUgagacgucgugggaaacacggg..... 1
 G1a_5813758_x3.....cgccaguaNugcgau..... 1
 Gi2_10806601_x3.....agacgucgugggGacacggggugccg..... 1
 Gi3_27932003_x3.....cGccgccaguacugcgau..... 1
 Gi2_10772161_x3.....cgugggaacacgggCugcc..... 1
 G11_4086681_x3.....gugggaacacggggugccgCac..... 1
 Gi3_27874511_x3.....Cggccccgccaguacugcgau..... 1
 Gi3_27962891_x3.....gggaacacggggugccgG..... 1
 G11_4056990_x3.....ggaacacgggguAccgaacu..... 1

Gi3_27944330_x3.....ggaacacggggugccgCa..... 1
 Gi3_27835814_x3.....cgucgugggaaAacggggugccg..... 1
 Gi2_10793518_x3.....aucggagacgucgugggaGcacgg..... 1
 Gi2_10728763_x3.....aGcggagacgucgugggaa..... 1
 Gi3_27957062_x3.....gucgugggaGcacggggugccga..... 1
 Gi3_27849941_x3.....acgucgugggaaacacggggugccA..... 1
 Gi3_27885944_x3.....caggcUccgccaguacugcgau..... 1
 Gi5_8666966_x3.....caggccccNccaguacug..... 1
 Gi3_27947465_x3.....gAcaggccccgccaguacugc..... 1
 Gi3_27823622_x3.....Cggccccgccaguacugcg..... 1
 Gi5_8696834_x3.....aAgccccgccaguacugcgau..... 1
 Gi2_10737436_x3.....ggaacacgggCugccgaacu..... 1
 Gi3_27802805_x3.....gaucggagacgCgugggaaacacgggg..... 1
 Gi2_10772386_x3.....ucaggccccgccCguacugcgau..... 1
 Gi2_10798951_x3.....aucggagacgucgugggUaca..... 1
 Gi3_27926144_x3.....uUggagacgucgugggaaacacg..... 1
 Gi3_27924137_x3.....gugggaaacacgUggugccga..... 1
 Gi5_8692028_x3.....aggccccgccaguacugAgauc..... 1
 Gi2_10818196_x3.....gugggaaacacggggUccgaac..... 1
 Gi5_8659529_x3.....Uggccccgccaguacugcgau..... 1
 Gi2_10784359_x3.....acgucgCgggaaacacggggugcc..... 1
 Gi3_27811847_x3.....agaagcgcNgcaggccccgccagua..... 1
 Gi2_10799023_x3.....ccccgUcaguacugcgauccg..... 1
 Gi2_10825567_x3.....gucgugggaaacacggggugccgaaA..... 1
 Gi3_27968831_x3.....cGaguacugcgauccgagacguc..... 1
 Gl1_5862913_x3.....gugggaaacaGggggugccgaacu..... 1
 Gi3_27851615_x3.....cgucCugggaaacacggggugccgaacu..... 1
 Gl1_5873899_x3.....aucggagacgucgugggaaacacggggUacc..... 1
 Gi3_27947969_x3.....Accaguacugcgauccgagac..... 1
 Gi3_27946334_x3.....gaucggagacgucgugggaaacacggggugccgaac..... 0
 Gi3_27824636_x3.....Aucaggccccgccaguacugcgau..... 1
 Gi2_10819327_x3.....gacgucgugggaaacacggggugccgGacu..... 1
 Gi3_27894638_x3.....cgucgugggaaacacAggg..... 1
 Gi3_27812906_x3.....aggcUccgccaguacugcga..... 1
 Gi1_4074717_x3.....gggaGcacggggugccgaac..... 1
 Gi1_4069098_x3.....aGcggagacgucgugggaaacacggggugc..... 1
 Gi3_27963245_x3.....aucggagacgucgAgggaaacacggggU..... 1
 Gi3_27855644_x3.....aggccccUccaguacugcgau..... 1
 Gi3_27901238_x3.....aacacggggugccCaacu..... 1
 Gi3_27832283_x3.....cCucgugggaaacacggggugccga..... 1
 Gi3_27797693_x3.....cgugggaaacacggggugccC..... 1
 Gi2_10783210_x3.....agacgucgugggGacacggggugc..... 1
 Gi1_4078929_x3.....gaucggagacgucgugggaaacacgggg..... 0
 Gi3_27824330_x3.....Acaggccccgccaguacugc..... 1
 Gi3_27894110_x3.....cgugggaaacacggggAgccg..... 1
 Gl1_5840314_x3.....Gaggccccgccaguacug..... 1
 Gi3_27799004_x3.....aggccccgccaguacugAg..... 1

Gi3_27865178_x3.....gacNucgugggaaacacggggugccgaacu..... 1
 Gi2_10745437_x3.....aggccccgccaguacCgcgaucggagacguc..... 1
 Gi2_10729045_x3.....ggaacacgCggugccgaac..... 1
 Gi2_10825702_x3.....gggaacacggggCgccga..... 1
 Gi3_27965918_x3.....cgucguggAaacacggggugccga..... 1
 Gi5_8662079_x3.....Uagaagcgcgcgucaggccccgccaguacu..... 1
 Gi2_10752517_x3.....Gcaggccccgccaguacug..... 1
 G1a_5835307_x3.....Gcugcgaucggagacguc..... 1
 G1a_5838319_x3.....aguacCgcgaucggagacguc..... 1
 G1a_5866288_x3.....caguacugcUaucggagacguc..... 1
 Gi3_27955556_x3.....gagacgucgugggaGcacggggu..... 1
 Gi2_10814068_x3.....gagaGgcgcgcgucaggccccgcc..... 1
 Gi2_10824400_x3.....gaucAgagacgucgugggaacacggggugcc..... 1
 Gi5_8706155_x3.....gacgucgCgggaacacggggugccgaac..... 1
 Gi3_27929303_x3.....cAaucggagacgucgugggaacacggggu..... 1
 Gi3_27840512_x3.....ucggagacgucgCgggaacacggggu..... 1
 Gi2_10809565_x3.....Ccgucgugggaacacggggugcc..... 1
 Gi3_27950780_x3.....gaucggagacAucgugggaacacggggu..... 1
 Gi2_10793074_x3.....cgucgugggaacaUggggugcc..... 1
 Gi2_10809664_x3.....gaucggagacgucgugggaGca..... 1
 Gi2_10812289_x3.....ccUcgccaguacugcgau..... 1
 Gi2_10726777_x3.....gagGagcgcgcgucaggccccgccaguac..... 1
 Gi2_10741690_x3.....Aggaaacacggggugccga..... 1
 G1a_5832430_x3.....cgGgggaacacggggugcc..... 1
 Gi2_10768585_x3.....ccccccaguGcugcgau..... 1
 Gi2_10734352_x3.....Ccgucgugggaacacggggugccgaacu..... 1
 G1a_5870404_x3.....gaaacacggggCgccgaacu..... 1
 Gi5_8655509_x3.....Aaggccccgccaguacugcg..... 1
 Gi3_27835349_x3.....gaagagaaNcgccgucaggccccgcc..... 1
 Gi4_548769_x3.....aucggagacgucgugggaacacggggu..... 0
 Gi2_10795690_x3.....agacgucgugggaCcacgggugc..... 1
 G1_4069764_x3.....ugggaGcacgggugccgaacu..... 1
 Gi3_27886172_x3.....ugggaacaGggggugccga..... 1
 Gi3_27815594_x3.....aggccccccaAuacugcgauccgga..... 1
 Gi3_27862508_x3.....gucaggccccgccaguCucgcg..... 1
 Gi5_8692325_x3.....aucggagacgucguggaaUacg..... 1
 Gi3_27958547_x3.....cggaUacgucgugggaacacggggugcc..... 1
 Gi5_8680856_x3.....aucggagacgucgugggaGcacggggu..... 1
 Gi5_8680793_x3.....Uaagcgcgcgucaggccccgccaguacugc..... 1
 Gi2_10814386_x3.....gggaacacgggguCccgaacu..... 1
 Gi3_27960317_x3.....acUcggggugccgaacu..... 1
 Gi3_27978812_x3.....cgucaggAcccgccaguacugcg..... 1
 Gi3_27842783_x3.....gaucggagacgucgugggaacacggggGgcc..... 1
 G1a_5869438_x3.....gugggaacacgAgugccga..... 1
 Gi3_27806324_x3.....cgugggaacacggggAgc..... 1
 Gi3_27977711_x3.....uaUgaagagaagcgcgcguc..... 1
 Gi2_10806037_x3.....cugcgauccgagacgucgA..... 1

Gi3_27934391_x3.....gugggaacacgggguUccgaac..... 1
 Gi3_27802310_x3.....cgucCggccccgccaguacugc..... 1
 Gi3_27960254_x3.....aagcgccgucagggccccgccaguGcugc..... 1
 Gi3_27870524_x3.....Accaguacugcgauccgga..... 1
 Gi3_27872360_x3.....aucggagacgucgugggaacacCgg..... 1
 Gl1_5814793_x3.....aucggagGcgucgugggaacacggggu..... 1
 Gi5_8694332_x3.....aCgggagacgucgugggaacacgg..... 1
 Gi3_27940097_x3.....Gggagacgucgugggaacacggggugccgaacu..... 1
 Gi3_27929750_x3.....ucggGgacgucgugggaacacg..... 1
 Gi3_27891245_x3.....cgucaggccUgccaguacugc..... 1
 Gi5_8651492_x3.....gucgugggaacacggggugcAgaacu..... 1
 Gi3_27896396_x3.....ucgugggaacacAgggugc..... 1
 Gi3_27910007_x3.....ggUcccgccaguacugcgau..... 1
 Gi1_4065030_x3.....ucUggccccgccaguacugcgau..... 1
 Gi3_27864185_x3.....cgucGgggaacacggggugccga..... 1
 Gi2_10750126_x3.....Uccccgccaguacugcga..... 1
 Gi5_8663072_x3.....ucguggCaacacggggugccgaacu..... 1
 Gi3_27927563_x3.....cccgccaguacugcgauccggUgacguc..... 1
 Gl1_5863651_x3.....guUcugcgauccggagacguc..... 1
 Gi5_8708816_x3.....gNgggaacacggggugccgaacu..... 1
 Gi2_10744510_x3.....agacgucgugggaaUacgggugccgaacu..... 1
 Gi2_10739515_x3.....ggaaAacgggugccgaac..... 1
 Gi3_27872114_x3.....gagaagcgccgucGggccccgc..... 1
 Gi1_4085061_x3.....ugggaacacgggguCccgaacu..... 1
 Gi1_4081533_x3.....cgugggaGcacgggugccg..... 1
 Gi1_4054194_x3.....ucguggGacacgggugcc..... 1
 Gi1_4088802_x3.....Ugagacgucgugggaacacggggugc..... 1
 Gi2_10786954_x3.....Gggagacgucgugggaacac..... 1
 Gi3_27968501_x3.....ucagggAccgccaguacugcgau..... 1
 Gi3_27852035_x3.....aucggagacgucgugggaaGacggg..... 1
 Gi3_27837236_x3.....guggCaacacggggugccga..... 1
 Gi3_27809864_x3.....ucgugggaacUcgggugccgaacu..... 1
 Gi5_8699363_x3.....ucagggccUgccaguacugcg..... 1
 Gi5_8694233_x3.....gucguUggaacacggggugccgaacu..... 1
 Gi5_8715926_x3.....aacacgggugccCaacu..... 1
 Gi2_10736221_x3.....gaacacgggUugccgaacu..... 1
 Gi1_4052985_x3.....gCagacgucgugggaacacggggugcc..... 1
 Gi3_27827954_x3.....cccgccaguacugcgauccggagGcg..... 1
 Gi3_27975788_x3.....cggGgacgucgugggaacacggg..... 1
 Gi1_4085475_x3.....cgugggGacacgggugccgaac..... 1
 Gi3_27892982_x3.....aggccccgccaguacugUgaucggagacg..... 1
 Gi3_27854255_x3.....gcUaguacugcgauccggag..... 1
 Gi3_27854351_x3.....ucguCggaacacggggugccgaac..... 1
 Gi2_10760446_x3.....ggUgacgucgugggaaca..... 1
 Gi3_27901850_x3.....aCagaagcgccgucagggccccgc..... 1
 Gl1_5834704_x3.....gaacacgggugccgGacu..... 1
 Gl1_5864809_x3.....gAaacacgggugccgaacu..... 1

Gi3_27867692_x3.....Gcgucugugggaacacggggugccgaa..... 1
 Gi2_10787716_x3.....aggccccgccaguacugA..... 1
 Gi3_27918725_x3.....cggagacAucugugggaacacggggg..... 1
 Gi3_27916124_x3.....aCaagcgccgucagggccc..... 1
 Gi3_27878072_x3.....gggaacacNgggugccgaacuu..... 1
 Gi1_4063134_x3.....aGcggagacgucguggggaacacggg..... 1
 Gi2_10767676_x3.....Cgacgucugugggaacacggggugccgaacu..... 1
 Gi2_10784431_x3.....aucgAagacgucguggggaaca..... 1
 Gi1_4080966_x3.....Augggaacacggggugccga..... 1
 Gi2_10763878_x3.....Ugccccgccaguacugcgauccggagac..... 1
 Gi2_10778269_x3.....cgucugugggaacacggggCg..... 1
 Gi5_8689850_x3.....agacgucgNgggaacacggggugccgaac..... 1
 Gi3_27938108_x3.....aagagaagcgcGgucaggc..... 1
 Gi2_10737316_x3.....ugcgaucgNagacgucguggggaaca..... 1
 Gl1_5848498_x3.....cgugggaacacggggCgcc..... 1
 Gi2_10791637_x3.....aggUcccgccaguacugc..... 1
 Gi3_27963689_x3.....Uaagagaagcgcgucagggccccgccagua..... 1
 Gi1_4080474_x3.....aggccccgccaguacugcgU..... 1
 Gi3_27853268_x3.....ggaCcacggggugccgaacu..... 1
 Gi2_10749670_x3.....acgucAugggaacacggggugcc..... 1
 Gi2_10799869_x3.....aggccccgccaguacuAcg..... 1
 Gi3_27944183_x3.....aguacugcNaucggagacgucg..... 1
 Gi1_4087809_x3.....Aacgucgugggaacacggggugccgaacu..... 1
 Gl1_5840815_x3.....Cugggaacacggggugcc..... 1
 Gi3_27918506_x3.....aguacugcgauccggagGcgucg..... 1
 Gi3_27799481_x3.....aagGgaagcgcgucagggccccgccagu..... 1
 Gi2_10727383_x3.....caggccccgccaguacCg..... 1
 Gi2_10760116_x3.....cgucAugggaacacggggugcc..... 1
 Gi2_10759369_x3.....agUagcgcgucagggccccgcc..... 1
 Gi3_27825254_x3.....ucgugggaacacggggugcGgaacu..... 1
 Gi2_10789240_x3.....gugUgaacacggggugcc..... 1
 Gi1_4088373_x3.....cgUcaguacugcgauccggaga..... 1
 Gi1_4054245_x3.....gGcgucgugggaacacggggugccgaac..... 1
 Gi3_27914399_x3.....cggagacgucguggggaacCcggg..... 1
 Gi3_27824948_x3.....Uucggagacgucguggggaacacgggg..... 1
 Gl1_5832232_x3.....Gcgcgucgagacgucg..... 1
 Gi2_10766437_x3.....gcUccgccaguacugcgau..... 1
 Gi2_10743616_x3.....ggagacguUgugggaacacggggugcc..... 1
 Gi1_4065951_x3.....cgucguAggaacacggggugccgaacu..... 1
 Gi2_10796512_x3.....aucggagacgucguggggaacCcggg..... 1
 Gi3_27847217_x3.....gccccgccaguacugcgaC..... 1
 Gi3_27931370_x3.....acgucuggggaGacggggugccgaac..... 1
 Gi3_27930542_x3.....aucgUagacgucguggggaacacggggugc..... 1
 Gi3_27855653_x3.....acgucuggggaGcacggg..... 1
 Gi3_27970904_x3.....gaucggagacgucguggggaacacggggAgcc..... 1
 Gi2_10824112_x3.....Ugucagggccccgccaguacugcg..... 1
 Gi1_4078347_x3.....gucgugAgaacacggggugccgaacu..... 1

Gi2_10764298_x3.....cgugggaacacCgggugccgaacu..... 1
 Gi5_8667788_x3.....ggaacacggggugccAaac..... 1
 Gi3_27929030_x3.....cccgccaguacCgcgaucggagacgucgug..... 1
 Gl1a_5826928_x3.....aucgAagacgucgugggaacacggggug..... 1
 Gi3_27863897_x3.....aucggagCcgucgugggaacacgggggu..... 1
 Gi2_10736134_x3.....gacgucgugggaacacggggCgccgaac..... 1
 Gi3_27801683_x3.....uGgugggaacacggggugccga..... 1
 Gi3_27812822_x3.....uUaggccccgccaguacugcg..... 1
 Gi3_27939089_x3.....gaGcggagacgucgugggaacacgggggu..... 1
 Gi2_10827310_x3.....Uccgucaggccccgccaguacugc..... 1
 Gi5_8657186_x3.....cGaguacugcgauccggagacgu..... 1
 Gi3_27976649_x3.....ggaagagaagcgccgucaggcccc..... 0
 Gi1_4064226_x3.....aucggagacgucgugggaCcacggggugcc..... 1
 Gi3_27943604_x3.....agacgucgugggaacUcggggugccgaacu..... 1
 Gi2_10825258_x3.....acgucgugggaacacggggAgccgaacu..... 1
 Gi3_27817832_x3.....agUgaagcgccgucaggccccgcc..... 1
 Gi5_8678867_x3.....gggaacCcgggugccgaa..... 1
 Gi2_10809958_x3.....gAagacgucgugggaacacggggugcc..... 1
 Gi5_8705672_x3.....cgGgggaacacggggugccga..... 1
 Gi4_549546_x3.....ucguUggaacacggggugccgaacu..... 1
 Gi2_10824214_x3.....Cggccccgccaguacugcga..... 1
 Gi2_10747471_x3.....gaacacggggugccgaUcu..... 1
 Gi3_27909149_x3.....cgccaguaNugcgauccggagacgu..... 1
 Gi3_27891179_x3.....cccgccaguacugcgauUggagacgu..... 1
 Gi4_550362_x3.....Cugggaacacggggugccgaa..... 1
 Gi2_10748743_x3.....ugggaacacggggugccgCacuu..... 1
 Gi3_27933242_x3.....cgugggCacacggggugcc..... 1
 Gi2_10787872_x3.....gucaUgccccgccaguacugc..... 1
 Gi2_10733638_x3.....aucggagacgucgugggaacUggggug..... 1
 Gi5_8688935_x3.....gggaacacggggugccgaUcu..... 1
 Gi3_27932450_x3.....aguacugcgauccggagGcgucgug..... 1
 Gi1_4078182_x3.....gaacGcggggugccgaac..... 1
 Gi2_10794790_x3.....gugggaacacggggugccgaacuA..... 1
 Gl1a_5871073_x3.....ggaNcacggggugccgaacu..... 1
 Gi1_4081698_x3.....ggagGcgucgugggaacacggggugcc..... 1
 Gi1_4075593_x3.....gacgucgugggaacCcgggugccgaacu..... 1
 Gi4_549642_x3.....Ugugggaacacggggugccgaacu..... 1
 Gi5_8677709_x3.....gucgugggaacacggggugccgaacG..... 1
 Gi3_27797471_x3.....aggccccgccaguaAugcg..... 1
 Gi3_27939236_x3.....cgugggaUcacggggugcc..... 1
 Gi2_10812325_x3.....gacgucguNggaacacggggugc..... 1
 Gi5_8697425_x3.....gucgugggaacacggggugccgaCc..... 1
 Gi3_27853103_x3.....cCccaguacugcgauccggagacguc..... 1
 Gl1a_5815954_x3.....gUucggagacgucguggga..... 1
 Gi3_27977231_x3.....gugggaaGacggggugcc..... 1
 Gi3_27926960_x3.....acgucgugggaacacgAggugcc..... 1
 Gi1_4085787_x3.....ugggaacacggUgugccgaacu..... 1

Gi3_27836384_x3.....aucgAagacgucgugggaacacgggg..... 1
Gi3_27818456_x3.....gaucAgagacgucgugggaacacggg..... 1
Gi5_8676833_x3.....Caagagaagcgcgucagg.....cgucgAgggaacacggggugccgaacu..... 1
Gi3_27937691_x3.....Caagagaagcgcgucagg..... 1
Gi2_10806136_x3.....caUgccccgccaguacug..... 1
Gi5_8689712_x3.....cAucaggccccgccaguacugcg..... 1
G1a_5827330_x3.....cCccaguacugcgauccgagacguc..... 1
Gi1_4059420_x3.....cgucgugggaaAacggggugccgaacu..... 1
Gi2_10797841_x3.....ucagUccccgccaguacugc..... 1
Gi3_27863285_x3.....aucggagacgAcgugggaacacg..... 1
Gi5_8675285_x3.....gggaacacgAggugccgaac..... 1
Gi5_8655539_x3.....ugcgaCcgagacgucgug..... 1
Gi3_27902045_x3.....gaagagaagUgccgucagggccc..... 1
Gi3_27913463_x3.....Aaggccccgccaguacugcgau..... 1
Gi3_27814484_x3.....gGgaucggagacgucgug..... 1
Gi2_10823797_x3.....ugggaacUcggggugccgaacu..... 1
Gi2_10778941_x3.....Uucggagacgucgugggaacacggg..... 1
Gi2_10749646_x3.....gugggaaAacggggugccgaa..... 1
Gi1_4074573_x3.....gucaggccccgccaguacug..... 0
Gi2_10822456_x3.....cgucguAggaacacggggugc..... 1
Gi3_27972077_x3.....caggccccgccaguUcugcgauc..... 1
Gi3_27810149_x3.....gaucggagacgucgugggUacacggggu..... 1
G1a_5857381_x3.....gaucggagacgucgugggaacCcggggu..... 1
G1a_5838661_x3.....Uguacugcgauccgagacgucgu..... 1
Gi1_4088730_x3.....aacacggggugGcgaacu..... 1
Gi2_10784905_x3.....ucguUggaacacggggugccg..... 1
Gi2_10813960_x3.....ucguUggaacacggggugc..... 1
Gi5_8663048_x3.....gugggGacacggggugcc..... 1
G1a_5835313_x3.....ggccccgccaguacugcgCuc..... 1
Gi3_27868268_x3.....cgucgugggaacacggggAgc..... 1
Gi3_27883106_x3.....aggccccgccaguacugUgau..... 1
Gi1_4063875_x3.....ggGgacgucgugggaacacggggugccgaacu..... 1
Gi3_27903422_x3.....gagaagcAccgucagggccccgc..... 1
Gi3_27953885_x3.....caggccccgccaguCcugcgauc..... 1
Gi3_27954242_x3.....aggcAccgccaguacugcgau..... 1
Gi3_27804023_x3.....gggagacgucAugggaacacggggugcc..... 1
Gi2_10758874_x3.....aucggagacgucgugggaacacggggugAc..... 1
Gi3_27801899_x3.....cgGucggagacgucguggg..... 1
Gi5_8714552_x3.....Ggucgugggaacacggggugcc..... 1
Gi3_27946997_x3.....gugggaacacgUggugccgaa..... 1
Gi2_10733548_x3.....aucggagacgucgugggaaUacggggu..... 1
Gi2_10729612_x3.....caggccccgccaguCcugc..... 1
Gi3_27891338_x3.....gggaacacggggugUcgaa..... 1
Gi3_27922823_x3.....gugggaacacggCgugccgaa..... 1
Gi2_10732633_x3.....ucgggagacNucgugggaacacggggugc..... 1
Gi3_27866645_x3.....cgaucggagGcugcugggaacacgggggu..... 1
Gi3_27908183_x3.....acgucguUggaacacggggugccgaacu..... 1

Gi3_27875330_x3.....agaagcgccgucagggccccgcUa.....1
 Gi5_8669738_x3.....ucgugggaacacggggugcGgaacu.....1
 Gi2_10763002_x3.....Cucggagacgucgugggaacacggggugc.....1
 Gi5_8688242_x3.....ggNaacacggggugccgaacu.....1
 Gl1_5834938_x3.....ugggaacacggggugcAgaacu.....1
 Gi3_27922091_x3.....gugggaacacgggAugccg.....1
 Gi2_10800883_x3.....Gaggccccgccaguacugcgauccgga.....1
 Gi2_10769035_x3.....ccccgccaguaucgcgauccgCgacguc.....1
 Gi3_27891047_x3.....agacgucgugggaacacggAgugccgaacu.....1
 Gl1_5857465_x3.....gGcuggggaacacggggugccgaac.....1
 Gi2_10800268_x3.....cgugggaacacggggugcU.....1
 Gi3_27820325_x3.....aguacugcNaucggagacgucgu.....1
 Gi3_27800000_x3.....ggaacacgggguCccgaac.....1
 Gi3_27894797_x3.....aagcgccgNcaggccccccaguacugc.....1
 Gl1_4088328_x3.....gugggaacacCgggugccgaacu.....1
 Gi2_10765678_x3.....ccccgccaguaUugcgauc.....1
 Gi2_10747369_x3.....gaacaAggggugccgaacu.....1
 Gl1_4081590_x3.....gUgacgucgugggaacacggggugcc.....1
 Gi2_10766785_x3.....Ggccaguacugcgauccgagacgucg.....1
 Gi3_27917549_x3.....gaUgagaagcgccgucagggccccgcc.....1
 Gi3_27803624_x3.....Cgagacgucgugggaacacggggugccga.....1
 Gi2_10750723_x3.....gauUgggagacgucgugggaacacggggu.....1
 Gi2_10735225_x3.....cgggagacgucgugggaCcacggggugc.....1
 Gi5_8696045_x3.....gggaGcacggggugccgaa.....1
 Gi3_27802016_x3.....gccaguacugcgauccAgagacguc.....1
 Gi3_27861920_x3.....cAccaguacugcgauccggagacg.....1
 Gi3_27838094_x3.ccuuaacuNguuccgaau.....1
 Gl1_4087143_x3.....cGggccccgccaguacugcgauc.....1
 Gi2_10807750_x3.....aucgggagacguAgugggaacacggggugc.....1
 Gi5_8711174_x3.....aucggGgacgucgugggaacacggggu.....1
 Gi3_27967730_x3.....Uugggaacacggggugccgaacuuu.....1
 Gl1_4088286_x3.....ugggaacacAgggugccgaac.....1
 Gi3_27815600_x3.....gacgCcgugggaacacggggu.....1
 Gl1_5869690_x3.....cgucaggcUccgccaguacugcg.....1
 Gl1_5829190_x3.....acugcgauNggagacgucgug.....1
 Gi2_10740571_x3.....gggaacacggggCgccgaa.....1
 Gi2_10814248_x3.....cUgagacgucgugggaacacggggugccga.....1
 Gi3_27928310_x3.....ucgggagacgCcgugggaacacggggugcc.....1
 Gl1_4056027_x3.....Ugacgucgugggaacacggggugccgaacu.....1
 Gi2_10767331_x3.....uGaggccccgccaguacugcg.....1
 Gi2_10749709_x3.....ucgugggaacacggggugcGgaacu.....1
 Gl1_5836057_x3.....ugAgaacacggggugccgaacu.....1
 Gl1_5851876_x3.....aUugcgauccgagacgucgug.....1
 Gi5_8657756_x3.....ggcccUgccaguacugcgauc.....1
 Gi3_27873797_x3.....caggccccccaAuacugcg.....1
 Gi3_27851837_x3.....gucguAggaacacggggugcc.....1
 Gi2_10759816_x3.....gaacacggUgugccgaacu.....1

Gi1a_5862604_x3.....caggccccNccaguacugcg..... 1
 Gi2_10753723_x3.....gaacacgggguUccgaacu..... 1
 Gi5_8664815_x3.....gucgugggaaacaGggggugccgaacu..... 1
 Gi3_27937151_x3.....Cccaguacugcgauccggagacgucgu..... 1
 Gi2_10810810_x3.....gucgugggaaacacggggG..... 1
 Gi2_10753561_x3.....Agggaaacacggggugccga..... 1
 Gi3_27848702_x3.....cAucgugggaaacacggggugccga..... 1
 Gi2_10751461_x3.....aucAgagacgucgugggaaacacg..... 1
 Gi3_27948209_x3.....acgucgugNgaacacggggugccga..... 1
 Gi2_10732903_x3.....aCacgucgugggaaacacggggugc..... 1
 Gi3_27866117_x3.....ggagacgucgugggaaacacggggA..... 1
 Gi3_27862712_x3.....aucggagacgucgugggaaacacggggUcc..... 1
 Gi2_10790446_x3.....acgucgugggaaUacggggugcc..... 1
 Gi2_10799656_x3.....Uccgucagggccccccaguacugcgau..... 1
 Gi1_4086882_x3.....gacAucgugggaaacacggggugccgaacu..... 1
 Gi2_10827406_x3.....aguacugcgauUgagacgucg..... 1
 Gi3_27934034_x3.....cgucgugggaaacacggggugAcg..... 1
 Gi5_8674844_x3.....gaacacggUgugccgaacu..... 1
 Gi2_10766893_x3.....gaucggagNcugcugggaaacacg..... 1
 Gi1_4079571_x3.....gaacacggggugccgaaAu..... 1
 Gi3_27913406_x3.....cgucgugggaaUcacggggugccgaacu..... 1
 Gi2_10730434_x3.....gugggaaacacggggAgccga..... 1
 Gi2_10758391_x3.....aacacCgggugccgaacu..... 1
 Gi3_27938030_x3.....cccgccaguacugcgauccggagacgCc..... 1
 Gi2_10742497_x3.....agaagcgccgucagggcc..... 0
 Gi2_10784365_x3.....gucgugggaaUcacggggugccgaacu..... 1
 Gi2_10752463_x3.....ucgugggaaacacggggAgccgaac..... 1
 Gi1_4070679_x3.....uAggaaacacggggugccga..... 1
 Gi3_27840407_x3.....agaagcgccgucagggUccgcca..... 1
 Gi5_8681660_x3.....gggaaacCcgggugccgaac..... 1
 Gi1a_5875174_x3.....aggccccgccaguGcugcg..... 1
 Gi2_10822747_x3.....ucUgagacgucgugggaaacacg..... 1
 Gi1a_5872882_x3.....ccUguacugcgauccggagacguc..... 1
 Gi1a_5834956_x3.....cccgccagNacugcgauccggagacguc..... 1
 Gi2_10798315_x3.....cccgccCguacugcgau..... 1
 Gi3_27796910_x3.....caggccccUgccaguacugcgau..... 1
 Gi3_27796928_x3.....gagaagcgNcgucagggcc..... 1
 Gi3_27974006_x3.....ucggagacgucgugggaaacacgggg..... 0
 Gi2_10745857_x3.....cgucagggccccccaguaUugc..... 1
 Gi2_10827289_x3.....aguacugcgCucggagacgu..... 1
 Gi3_27866666_x3.....gaagGgaagcgccgucagggcc..... 1
 Gi3_27979796_x3.....cgucgugggaaacacggggugccgaUcu..... 1
 Gi4_546303_x3.....aucggagacgucgugggaaacacggggugc..... 0
 Gi3_27910874_x3.....aGgagaagcgccgucagggccccccag..... 1
 Gi3_27895973_x3.....Cccgucagggccccccaguacugcg..... 1
 Gi5_8686826_x3.....gugggaaacCcgggugccg..... 1
 Gi2_10740448_x3.....cgauccggagacgucgugggGacacggg..... 1

Gi2_10741327_x3.....Cacgucgugggaacacggggugccgaacu..... 1
 Gl1a_5822329_x3.....cgucaggccccgcUaguacugcg..... 1
 Gi2_10798870_x3.....gaucggagaUgucgugggaacacggg..... 1
 Gi3_27842891_x3.....caggccccgcUcaguacugcg..... 1
 Gi3_27805871_x3.....Nggccccgccaguacugcgau..... 1
 Gi2_10756930_x3.....gccaguacugcgauccggagac..... 0
 Gi2_10781164_x3.....cccgccaguacugcAaucgg..... 1
 Gi3_27844175_x3.....gucgGgggaacacggggugc..... 1
 Gi2_10740979_x3.....ggagacgucgugggaacacggggCgccg..... 1
 Gi5_8651819_x3.....ggaacacgAggugccgaac..... 1
 Gi3_27917822_x3.....agaagcgccgcCcaggccccgcca..... 1
 Gi5_8717435_x3.....gugggGacacggggugccg..... 1
 Gi5_8663684_x3.....cgugggaacacgUggugccga..... 1
 Gi2_10747279_x3.....aCgccccgccaguacugcgau..... 1
 Gi1_4070493_x3.....gAgggaacacggggugccga..... 1
 Gi3_27973466_x3.....Cucgugggaacacggggugcc..... 1
 Gi3_27958778_x3.....gaagagaagcgUgucaggcccc..... 1
 Gi2_10774237_x3.....aggccUcgccaguacugcg..... 1
 Gi1_4051386_x3.....aguacugcgauccggagacguc..... 0
 Gi3_27813023_x3.....cgggagacgucgugggaacacggggugcA..... 1
 Gi3_27972641_x3.....gaucggagacgucgugggaacacggggugUc..... 1
 Gi3_27874499_x3.....agUagcgccgcucaggccccgccagu..... 1
 Gi3_27924791_x3.....gaGcggagacgucgugggaacac..... 1
 Gi3_27962189_x3.....Aucaggccccgccaguacug..... 1
 Gi3_27936593_x3.....gaagagaagcgccAucaggcc..... 1
 Gi2_10737670_x3.....cgCcaggccccgccaguac..... 1
 Gi3_27958742_x3.....gaucggagacgucgugggaGcac..... 1
 Gi3_27958847_x3.....ucgggagacgCcgugggaacacggggu..... 1
 Gi3_27844277_x3.....ggaacacggggugccCaac..... 1
 Gi3_27890213_x3.....agaGgcccgcucaggcccc..... 1
 Gi5_8674556_x3.....ugggCcacggggugccgaac..... 1
 Gi3_27801464_x3.....aggccccgccaguacugcgauUgg..... 1
 Gi2_10790197_x3.....gggaacacggggugccCaacu..... 1
 Gi3_27904514_x3.....Cucaggccccgccaguacugc..... 1
 Gi2_10792390_x3.....caggccccgccaUuacugcg..... 1
 Gi3_27869729_x3.....ucaggccccgccaguGcugc..... 1
 Gi1_4088820_x3.....gUagacgucgugggaacacggggu..... 1
 Gi2_10759132_x3.....ugggaacacggggugccgaC..... 1
 Gi2_10784206_x3.....acgucgugAgaacacggggugc..... 1
 Gi2_10827943_x3.....gaacacggggugccgaCc..... 1
 Gi3_27852209_x3.....caggccccgccaguUcugcg..... 1
 Gi3_27953717_x3.....Caucggagacgucgugggaacacgggg..... 1
 Gi3_27869537_x3.....aggccccgccaguUcugcg..... 1
 Gi3_27894281_x3.....ccccUccaguacugcgauccggagacgu..... 1
 Gi1_4080198_x3.....ucgugggaCcacggggugcc..... 1
 Gl1a_5870518_x3.....Augggaacacggggugccgaac..... 1
 Gi3_27809399_x3.....agUccccgccaguacugcgauccg..... 1

Gi3_27962993_x3.....cCgagacgucgugggaacacggggu..... 1
 Gi3_27887492_x3.....ggaacaGggggugccgaacu..... 1
 Gi3_27940016_x3.....ccUccaguacugcgauccgagacg..... 1
 Gi5_8707304_x3.....cGggccccgccaguacugcga..... 1
 Gi3_27892076_x3.....gucagggccccccaguacugcgauccgagacguc..... 0
 Gi2_10817485_x3.....acgucgugggaacacggggugccgGac..... 1
 Gi2_10790509_x3.....ggccccgccaguacCgcgaucgg..... 1
 Gi2_10737547_x3.....ugggUacacggggugccga..... 1
 Gi2_10781374_x3.....ugggaacGcggggugccg..... 1
 Gi2_10762552_x3.....Gagagaagcgccgucagggc..... 1
 Gi2_10826701_x3.....gucgugggaacacggggugcGgaacu..... 1
 Gi5_8694947_x3.....ugggUacacggggugccgaa..... 1
 Gi3_27881111_x3.....gacAucgugggaacacggggugccgaacu..... 1
 Gi2_10798792_x3.....gaucggagacgucgugggaaAacggggugc..... 1
 Gi3_27821660_x3.....gugggaacacUgggugccga..... 1
 Gi3_27844043_x3.....agcgccgucGggccccgccagu..... 1
 Gi5_8686478_x3.....gugggaacGcggggugccgaa..... 1
 Gi1_4072599_x3.....Ggacgucgugggaacacggg..... 1
 Gi1_4081626_x3.....agacgucgugggGacacggggugccgaacu..... 1
 Gi1_4060818_x3.....Acgugggaacacggggugcc..... 1
 Gi2_10779910_x3.....gggagacgucgugggaacacggggugUc..... 1
 Gi3_27938255_x3.....ccccgccaguacugcgGucggagacg..... 1
 Gi2_10811800_x3.....caggccUcgccaguacugcg..... 1
 Gi5_8677325_x3.....gucgugggaacacggggugccgUacu..... 1
 Gi3_27898661_x3.....ccccgccaguacugcgauccgagacgC..... 1
 G1a_5833837_x3.....Gacugcgauccgagacgucg..... 1
 G1a_5858080_x3.....Ugagacgucgugggaaca..... 1
 Gi2_10762348_x3.....aucggagacguUgugggaacacggggug..... 1
 Gi5_8714222_x3.....ucgugggaacaAggggugccgaacu..... 1
 Gi3_27969704_x3.....caggccccgUcaguacugcgauc..... 1
 Gi5_8694914_x3.....ucgugggaacCggggugccgaac..... 1
 G1a_5835508_x3.....Ggugggaacacggggugcc..... 1
 Gi3_27905123_x3.....ccUgccaguacugcgauccgagacgu..... 1
 Gi5_8686139_x3.....gugggaacacgAggugccg..... 1
 G1a_5840905_x3.....cUgagacgucgugggaacacg..... 1
 Gi2_10746376_x3.....cgggagacgucguAggaacacggggugcc..... 1
 Gi1_4047879_x3.....cgggagacgucgugggaacacggggug..... 0
 Gi2_10783585_x3.....gaucggagacguUguggga..... 1
 Gi1_4061307_x3.....ggaacacggggugccgUacu..... 1
 Gi5_8706773_x3.....ggGacacggggugccgaac..... 1
 Gi3_27865130_x3.....gugggaacUcggggugccgaa..... 1
 Gi2_10780246_x3.....ccccgccCguacugcgauc..... 1
 Gi2_10753072_x3.....gGcugugggaacacggggu..... 1
 Gi5_8694893_x3.....gugggaacacggggugccUaac..... 1
 Gi2_10738555_x3.....ucguAggaacacggggugccg..... 1
 Gi3_27806318_x3.....gugggaacacUgggugcc..... 1
 Gi3_27933722_x3.....caggccGcgccaguacugcgau..... 1

Gi3_27811070_x3	.....gugggaCcacggggugccg	1
Gi1_4051644_x3	.....cccgccaguacugcgaucgg	0
Gi2_10784227_x3	.....gacgucguggAaacacggggugccg	1
Gi5_8680040_x3	.....ugggGacacggggugccgaa	1
Gi3_27896564_x3	.....cUgagacgucgugggaacacggggugccgaa	1
Gi3_27803093_x3	.....gaucggagacgucgugggaacaAggg	1
Gi3_27918134_x3	.....agacgucgugggaacacggggugcUgaac	1
Gi3_27959276_x3	.....aucggagacgucgugggaaca	0
Gi2_10734526_x3	.....gucgugggaacacggggugGcgaacu	1
Gi3_27901757_x3	.....cgucaggAcccgccaguacugc	1
Gi5_8702360_x3	.....aucggagacAucgugggaacacgg	1
Gi2_10779586_x3	.....cgaucggaNacgucgugggaacacggggg	1
Gi3_27976973_x3	.....gaucggagacgucgugggaacCcg	1
Gi3_27924533_x3	.....agacgucgugggaacCcggggugccgaacu	1
Gi2_10761445_x3	.....Ugucgugggaacacggggugccga	1
Gi3_27854378_x3	.....Agugggaacacggggugc	1
Gi2_10825768_x3	.....caggccccgccCguacugcg	1
Gi3_27804872_x3	.....agGagcgccgucagggccc	1
Gi2_10802992_x3	.....aggccccgccaguacuAcgaucgga	1
Gi2_10791334_x3	.....gaUgagaagcgccgucagggccc	1
Gi2_10742053_x3	.....Uggccccgccaguacugcgaucgga	1
Gi3_27807986_x3	.....aggAcccgccaguacugcga	1
Gi2_10811071_x3	.....guAggaaacacggggugccgaa	1
Gi3_27893177_x3	.....cgugggaacacggggugAcgaa	1
Gi2_10791646_x3	.....gacgucgugggaGcacggggugc	1
Gi2_10802647_x3	.....cUgucaggccccgccaguacugc	1
Gi2_10824700_x3	.....ugggaacacAgggugccga	1
Gl1_5821114_x3	.....caguacugNgaucggagacgu	1
Gi4_550485_x3	.....guAggaaacacggggugccgaacu	1
Gi3_27855020_x3	.....aggccccgccagCacugcgaucgg	1
Gi3_27872150_x3	.....gaagagaGgcgccgucagggccc	1
Gi2_10820017_x3	.....cgugggaacacgCggugccgaa	1
Gi3_27954500_x3	.....Gcgccaguacugcgaucggagacg	1
Gi1_4074270_x3	.....aguacugcgaucggGgacguc	1
Gi2_10765549_x3	.....gaagcgccNucaggccccgccaguacugc	1
Gi3_27851729_x3	.....cgucaggccccgccCguacugc	1
Gi1_4071576_x3	.....cgucaAgccccgccaguacugcg	1
Gi3_27874604_x3	.....Uaggccccgccaguacugcgau	1
Gi3_27914804_x3	.....cgucaggcNccgccaguacug	1
Gi1_4052178_x3	.....aacacgUggugccgaacu	1
Gi3_27933230_x3	.....Gcggagacgucgugggaacacgg	1
Gi3_27908699_x3	.....gaagcgUgucagggccccg	1
Gi1_4058457_x3	.....aagagaagcgccgucagggccc	0
Gi3_27895214_x3	.....aggccccgccaguacCcggaucgga	1
Gi3_27879404_x3	.....gUgacgucgugggaacacggggugccgaacu	1
Gi1_4074321_x3	.....Aaggccccgccaguacugcg	1
Gl1_5847826_x3	.....ugggaacacggAgugccgaacu	1

Gi4_547317_x3cgugggGacacggggugccgaacu..... 1
 Gi3_27811253_x3.....gaucggagacgucgugggaCcacg..... 1
 Gi3_27878333_x3.....gugggaacUcggggugccg..... 1
 Gi4_549291_x3gugggaacacggggugccgaaAu..... 1
 Gi1_4052067_x3.....ggaacacgAgugccgaacu..... 1
 Gi3_27897830_x3.....gaucggagacgucgugggGacacggg..... 1
 Gi2_10729423_x3.....aucggagacgucGgggaacacggggugc..... 1
 Gi2_10762717_x3.....gaucggGgacgucgugggaacacg..... 1
 Gi3_27979238_x3.....Caucggagacgucgugggaacac..... 1
 Gi2_10730041_x3.....Cucaggccccgccaguacugcgau..... 1
 G1a_5834758_x3.....gUagacgucgugggaacacg..... 1
 Gi1_4052421_x3.....aucggagacgucgugggaacacA..... 1
 Gi3_27946538_x3.....gucgugggNacacggggug..... 1
 Gi2_10797322_x3.....gcccUgccaguacugcgau..... 1
 Gi5_8711792_x3.....cguUgugggaacacggggugc..... 1
 Gi2_10761067_x3.....aucggagacgucgugggaaUacggggugc..... 1
 Gi3_27896687_x3.....cgucUugggaacacggggugccgaac..... 1
 Gi5_8663633_x3.....gugggaacacgggggUcCcgaaacu..... 1
 Gi2_10735144_x3.....gaUgagaagcgccgucagggccc..... 1
 Gi3_27810677_x3.....gccgucagNccccgccaguac..... 1
 Gi3_27816350_x3.....gugUgaacacggggugccga..... 1
 Gi3_27896921_x3.....cgucgugggCacacggggugc..... 1
 Gi2_10775620_x3.....ugggaacacgAgugccgaac..... 1
 Gi5_8669942_x3.....cgCcgugggaacacggggugc..... 1
 Gi3_27903941_x3.....aucggagacgucgugggaaUacggggugcc..... 1
 Gi3_27901427_x3.....cgucAugggaacacggggugc..... 1
 Gi1_4079169_x3.....gacgucgugggaacacggggugAcgaacu..... 1
 Gi2_10786291_x3.....Ggucgugggaacacgggg..... 1
 Gi3_27973571_x3.....Cacgucgugggaacacggg..... 1
 Gi3_27878099_x3.....cGcgauccggagacgucg..... 1
 Gi2_10749289_x3.....gugggaacacgggCugccgaac..... 1
 Gi3_27884156_x3.....agacgucgugggaacacggggugc..... 0
 Gi3_27896612_x3.....gucgGgggaacacggggugcc..... 1
 Gi5_8667566_x3.....cgucGgggaacacggggugccgaacu..... 1
 Gi5_8652890_x3.....gugggaacacgAgugccga..... 1
 Gi3_27962291_x3.....cccgccaguacugcgaCc..... 1
 Gi3_27947603_x3.....uggUaacacggggugccgaac..... 1
 Gi3_27956597_x3.....aagagaagcgccgucagggcccgcagC..... 1
 Gi3_27979223_x3.....ggUgacgucgugggaacacgg..... 1
 Gi2_10772626_x3.....Cuacugcgauccggagacgu..... 1
 Gi3_27934649_x3.....caggAcccgccaguacugcgau..... 1
 Gi2_10815088_x3.....Ugucgugggaacacggggugcc..... 1
 Gi5_8689139_x3.....cUguacugcgauccggagacgucgug..... 1
 Gi5_8716097_x3.....cGggccccgccaguacug..... 1
 Gi3_27836159_x3.....uccgaauuaggaagGgaagc..... 1
 Gi3_27875162_x3.....aCuacugcgauccggagacgucg..... 1
 Gi5_8710031_x3.....ucNugggaacacggggugccgaacu..... 1

Gi2_10798351_x3.....cGaguacugcgauccggagacg..... 1
 Gi3_27894050_x3.....ucggagacNucgugggaacacggggu..... 1
 Gi3_27911222_x3.....cAgagacgucgugggaacacggggu..... 1
 Gi3_27911228_x3.....ggaUcacggggugccgaa..... 1
 Gi1_4086768_x3.....Agagacgucgugggaacacggggugcc..... 1
 Gi3_27977588_x3.....cGggccccgccaguacugcgauccgga..... 1
 Gi3_27878966_x3.....cggagacguUgugggaacacggggu..... 1
 Gi2_10798300_x3.....gacgucgugggaacacggggugcU..... 1
 Gi3_27925109_x3.....gcgaucggNgacgucgug..... 1
 Gi2_10795351_x3.....Ggaagcgccgucagggccc..... 1
 G1a_5829799_x3.....agaagcgccgucaggcUccgc..... 1
 Gi2_10740502_x3.....Uucggagacgucgugggaacac..... 1
 G1a_5872516_x3.....cgAgggaacacggggugcc..... 1
 Gi3_27971141_x3.....aucggagacgucgugggaUcacggggugcc..... 1
 Gi2_10752130_x3.....agaagcgccgucGggcccc..... 1
 Gi3_27969863_x3.....ucagggccccgccagCacugcgaucc..... 1
 Gi2_10738690_x3.....ucgugggaUcacggggugccgaacu..... 1
 Gi3_27843680_x3.....cgUagacgucgugggaacacggggugcc..... 1
 Gi3_27920756_x3.ccuaaacucguuccgaCu..... 1
 G1a_5825428_x3.....gggaacacggggugccgUacu..... 1
 Gi3_27916661_x3.....ggaaGacggggugccgaa..... 1
 Gi3_27861602_x3.....aggccccgccaguacugcgaCcgga..... 1
 Gi3_27964334_x3.....aggccccgccaguacugcgauccgA..... 1
 Gi3_27945722_x3.....cgucagggccccgccaguGcugcg..... 1
 Gi2_10799326_x3.....ugcgGucggagacgucguggga..... 1
 Gi3_27850148_x3.....ggagacgucguAggaaacacggggu..... 1
 G1a_5836210_x3.....guggAaacacggggugccga..... 1
 Gi2_10782685_x3.....cAccaguacugcgauccggagac..... 1
 G1a_5813425_x3.....caggccccgccUuacugcgau..... 1
 Gi2_10750228_x3.....Gcgccaguacugcgauccg..... 1
 G1a_5850307_x3.....ggaacUcggggugccgaacu..... 1
 Gi3_27824306_x3.....aucggagacgucgugggaacUcggggu..... 1
 Gi2_10737913_x3.....Agugggaacacggggugccga..... 1
 Gi2_10791940_x3.....Acgugggaacacggggugccgaa..... 1
 Gi3_27807521_x3.....cgucgugggaacacggCgugccgaacu..... 1
 Gi2_10768942_x3.....gugggaacacgAggugccgaa..... 1
 Gi3_27807353_x3.....cgugggaacacgCggugcc..... 1
 Gi3_27972755_x3.....gucgugCgaacacggggugccgaacu..... 1
 Gi1_4059270_x3.....guUggaacacggggugcc..... 1
 Gi3_27849659_x3.....ccaguacuNcgauccggagacgucgug..... 1
 Gi1_4088157_x3.....aucggagacgCcgugggaacac..... 1
 Gi2_10759972_x3.....Aagacgucgugggaacacggggugcc..... 1
 Gi2_10732795_x3.....Uccgccaguacugcgauccggagac..... 1
 G1a_4073040_x3.....Cugggaacacggggugccg..... 1
 Gi3_27860468_x3.....aggccccgccaguacugcgauccggagacA..... 1
 G1a_4065624_x3.....gucgugggaacacggggugcUgaacu..... 1
 Gi5_8681933_x3.....cgUcaguacugcgauccggagacgu..... 1

Gi2_10788838_x3.....cgucaggccGcgcagacuacugc..... 1
 Gi3_27979745_x3.....ugggaaAacggggugccga..... 1
 Gi1_4078923_x3.....ucgugggaacacggggugcGgaacu..... 1
 Gi2_10814581_x3.....ucggagacgucgCgggaacacggggg..... 1
 Gi2_10777318_x3.....gucgugggaacacggggugccgaacG..... 1
 Gi1_4052184_x3.....acucggaugNggagacgucg..... 1
 Gi3_27839636_x3.....Ccgugggaacacggggugccgaa..... 1
 Gi2_10749727_x3.....aucggagacgCcgugggaac..... 1
 Gi3_27970955_x3.....cgccGguacugcgauccggagac..... 1
 Gi3_27851957_x3.....ccUcgcagacuacggaucggagacg..... 1
 Gi3_27804146_x3.....cCucgugggaacacggggugc..... 1
 Gi2_10759159_x3.....gaucggagacgucgugggaacacggggCgc..... 1
 Gi5_8666183_x3.....Gggccccgccagacuacugc..... 1
 Gi2_10744408_x3.....ugggaacacggggugUcg..... 1
 G1a_5859400_x3.....aucggagacguUgugggaacacggggg..... 1
 Gi2_10780180_x3.....cggagCcgucgugggaacacggggugcc..... 1
 Gi5_8664128_x3.....acgucgugggaacGcggggugcc..... 1
 Gi5_8700644_x3.....ugcgaucaAgagacgucgug..... 1
 Gi2_10769650_x3.....ccgucagggcccgUaguacugc..... 1
 Gi2_10822045_x3.....cgucagggcAccgccagacuacugc..... 1
 Gi2_10813285_x3.....aucggagUcgcgucgugggaaca..... 1
 Gi3_27852392_x3.....aucggagacgucgugggaacacggggGgc..... 1
 Gi2_10811266_x3.....Gccccccagacuacggaucggagacguc..... 1
 G1a_5869159_x3.....aAcggagacgucgugggaacacggg..... 1
 Gi2_10803631_x3.....Gccccccagacuacggaucggag..... 1
 Gi1_4050033_x3.....agUcgcgucgugggaacacggggugccg..... 1
 Gi2_10810957_x3.....gaucggagacgucgugggaacCcggggugc..... 1
 Gi3_27899009_x3.....gccgucagggcUccgccagacuacugc..... 1
 Gi2_10740184_x3.....cgccgucagggccccgccaguaGugc..... 1
 Gi3_27960374_x3.....cggagGcgcgucgugggaacac..... 1
 Gi1_4059642_x3.....ucgugAgaacacggggugcc..... 1
 Gi4_552207_x3.....cUcugugggaacacggggugcc..... 1
 Gi3_27971276_x3.....uacuUcgaucggagacguc..... 1
 Gi2_10772440_x3.....caAgccccgccagacuacggauc..... 1
 Gi2_10823215_x3.....gaucggagacgucgugggaacCcgggg..... 1
 Gi2_10824904_x3.....ucgugggaacacggggugccA..... 1
 Gi1_4059972_x3.....Gcggagacgucgugggaacacggg..... 1
 Gi3_27833495_x3.....ccccccagacuacggaucAga..... 1
 Gi1_4061859_x3.....cgugUgaacacggggugccg..... 1
 Gi1_4075587_x3.....gaucggagacgucgugggaacacggggugc..... 0
 Gi3_27923705_x3.....Cgccccgccagacuacgga..... 1
 Gi2_10762894_x3.....gucagggccccgccaguCcuac..... 1
 Gi3_27936596_x3.....gugUgaacacggggugcc..... 1
 Gi1_4051854_x3.....gucgugggaacaGggggugccgaacu..... 1
 Gi1_4060131_x3.....guacugcgauccggagacgucgugU..... 1
 Gi2_10777033_x3.....ggNacacggggugccgaacu..... 1
 Gi3_27927674_x3.....caguGcugcgauccggagacgucgug..... 1

Gi2_10758130_x3	.....ggaacaAggggugccgaac	1
Gi2_10790503_x3	.....gaucggagacgucgugggaaacacAgggugc	1
Gi3_27813986_x3	.....gaucggagacgucgugAgaacacggg	1
Gi1_4087335_x3	.....acguUgugggaacacggggugccgaacu	1
Gi3_27862274_x3	.....aguacugcgauccggagGcg	1
Gi3_27891737_x3	.....Ugagacgucgugggaaacacggggugc	1
Gi2_10752319_x3	.....ucggUgacgucgugggaa	1
Gi3_27932597_x3	.....gaucggagacAucgugggaaacacgggg	1
Gi1_4059753_x3	.....cUucgugggaaacacggggugccg	1
Gi2_10749154_x3	.....gggaacacggggugUcgaac	1
Gi1_4080627_x3	.....cgucAugggaaacacggggugcc	1
Gi3_27885230_x3	.....gugggaacaAggggugccg	1
Gi1_4083555_x3	.....cgucaggccccgccaguacug	0
Gi2_10794340_x3	.....uacugcgauccAgagacgucgug	1
Gi3_27965840_x3	.....aggUcccgccaguacugc	1
Gi5_8686154_x3	.....ccccccaNuacugcgauccggagacg	1
Gi2_10794943_x3	.....cgucaggccccgccagCac	1
Gi1_4087119_x3	.....aucggGgacgucgugggaaacacggg	1
Gi1a_5848189_x3	.....agUagcgccgucaggccccgc	1
Gi5_8695994_x3	.....cUggccccgccaguacugcg	1
Gi5_8708135_x3	.....gagaagcgNcgucaggccccgc	1
Gi3_27849752_x3	.....gagaagcAccgucaggccc	1
Gi3_27846809_x3	.....gugggaacacgggUugccgaac	1
Gi2_10817053_x3	.....gucgCgggaacacggggugccgaac	1
Gi3_27970514_x3	.....aAgucgugggaaacacggggugccgaacu	1
Gi4_547920_x3	.....cgccaguacugcgauccggagacguc	0
Gi2_10811200_x3	.....Cucaggccccgccaguacugc	1
Gi2_10731823_x3	.....cgucguggNaacacggggug	1
Gi2_10748488_x3	.....aucggCgacgucgugggaaacacggg	1
Gi2_10828039_x3	.....gaucggagacgucgCgggaacacggg	1
Gi5_8698763_x3	.....ugggaUcaccggggugccgaac	1
Gi2_10768330_x3	.....Caucggagacgucgugggaaacacg	1
Gi2_10734931_x3	.....gaucggagacgucgugggaaacacgAggugc	1
Gi2_10771588_x3	.....gGcugggaaacacggggugccgaa	1
Gi1_4080390_x3	.....aacacgggNugccgaacu	1
Gi3_27915845_x3	.....ccccccaguacugcgauccggGgac	1
Gi1_4086879_x3	.....cguggaaacacggggugcGgaacu	1
Gi3_27871451_x3	.....aucggagacguUgugggaacac	1
Gi2_10808959_x3	.....gucgugggaaacacgUggugccgaacu	1
Gi1a_5856055_x3	.....cgAcaggccccgccaguacugcg	1
Gi3_27834959_x3	.....gacgucgugggaaacacggggugccgaaU	1
Gi3_27803402_x3	.....gugggaacacgUggugcc	1
Gi5_8673011_x3	.....acgucguggAaacacggggugccgaacu	1
Gi2_10807684_x3	.....aucggGgacgucgugggaaacacggggugccgaac	1
Gi1_4082541_x3	.....gaagagaagcgccgucaggccccgccagua	0
Gi1_4059762_x3	.....aacacggggugccgUacu	1
Gi5_8707934_x3	.....gcUaguacugcgauccggagacguc	1

Gi3_27918212_x3.....aucGUagacgucguggga..... 1
 Gi3_27825473_x3.....cgccUucaggccccgccaguacugc..... 1
 Gi5_8701061_x3.....agacgucgugggaacacggggAgccgaacu..... 1
 Gi2_10803373_x3.....agacgucgugggaacGcggggugccgaacu..... 1
 Gi3_27970472_x3.....cgucaggccccgccagCacug..... 1
 Gi3_27948041_x3.....ugggCacacggggugccgaa..... 1
 Gi3_27903476_x3.....uacugcgaNcggagacguc..... 1
 Gi2_10736347_x3.....cccgccaguacugcAaucggagac..... 1
 Gi2_10772284_x3.....ucgugggaacaAggggugccgaacu..... 1
 Gl1a_5848867_x3.....gugggaacacggggugccgaUcu..... 1
 Gi4_547791_x3.....gGgggaacacggggugccgaac..... 1
 Gi2_10801150_x3.....gaGgcgcgucagggccccgccagua..... 1
 Gi3_27840224_x3.....acgucgugggaCcacggggugccgaac..... 1
 Gi3_27860627_x3.....ggagacgucgugggaacG..... 1
 Gi5_8687252_x3.....aucGUagacgucgugggaacacggggu..... 1
 Gi2_10787647_x3.....ucaggccccgccCguacugc..... 1
 Gi3_27934151_x3.....auAggagacgucgugggaacacggg..... 1
 Gi2_10780711_x3.....ggagacgucgugggaacacggggugcU..... 1
 Gi2_10777615_x3.....Uccgccaguacugcgauccggagacguc..... 1
 Gi3_27975020_x3.....gacgucguNggaacacggggu..... 1
 Gi3_27921392_x3.....Acccgccaguacugcgaucc..... 1
 Gi3_27861509_x3.....ugggaacacggggugccUaa..... 1
 Gi3_27856031_x3.....aggNccccccaguacugcg..... 1
 Gi5_8671334_x3.....Gaggccccgccaguacugcgau..... 1
 Gi3_27821945_x3.....aUgagaagcgccgucaggg..... 1
 Gi1_4075824_x3.....cgugggaacacggggugccgaCc..... 1
 Gi3_27811694_x3.....aUgaagagaagcgccguc..... 1
 Gi1_4064628_x3.....cCucaggccccgccaguacugcg..... 1
 Gi1_4061133_x3.....gugggaacacggggugccgaCc..... 1
 Gi3_27866408_x3.....cccgccaguacugcgauccggCgacgu..... 1
 Gi3_27808355_x3.....cgccaguacugcgauccggGgacgu..... 1
 Gi2_10733551_x3.....agAcccgccaguacugcg..... 1
 Gi2_10821940_x3.....gcgauccggagacgucgug..... 0
 Gi3_27869588_x3.....cgucaggccccgccGguacugc..... 1
 Gi2_10788961_x3.....ucggagacNucgugggaaca..... 1
 Gi3_27960779_x3.....ggUgacgucgugggaacacggggugccg..... 1
 Gi3_27917177_x3.....cgucgugggaacUcggggugccga..... 1
 Gl1a_5866222_x3.....aucggagacgucgugggaG..... 1
 Gi1_4049220_x3.....cgucUugggaacacggggugccgaacu..... 1
 Gi3_27826100_x3.....ucggagacguUgugggaacacggggugcc..... 1
 Gi3_27829442_x3.....acgucgugggaacUcggggugccgaacu..... 1
 Gi1_4071327_x3.....agacgucgugggaacacAggggugccgaacu..... 1
 Gi3_27872246_x3.....aAaagcgccgucagggccccgccagu..... 1
 Gi3_27971429_x3.....cgucaggccccgccaguacuAc..... 1
 Gi3_27815444_x3.....uggAaacacggggugccg..... 1
 Gi3_27836417_x3.....cggagacgucGgggaacacggggu..... 1
 Gi2_10779235_x3.....cccgccaguacCgcgauccg..... 1

Gi1a_5854771_x3.....aGcggagacgucgugggaacacggggug..... 1
Gi1a_5863201_x3.....cCucaggccccgccaguacugc..... 1
Gi2_10807972_x3.....ucgugggaacacggggUaccgaac..... 1
Gi2_10805773_x3.....gugggaacacUgggugccg..... 1
Gi3_27947759_x3.....gggaacacggggugGcgaac..... 1
Gi2_10757740_x3.....aguacugcgauccggagacgCc..... 1
Gi3_27803168_x3.....aagagGagcgccgucagggccccgcc..... 1
Gi5_8682353_x3.....gacgucgugggaacGcggggugccgaacu..... 1
Gi2_10817035_x3.....gaucggagacgucgugggaGcacggg..... 1
Gi1a_5828833_x3.....gggaacaAggggugccgaacu..... 1
Gi2_10770448_x3.....ccUucaggccccgccaguacugc..... 1
Gi2_10793179_x3.....ucgugggaacacggggugccgaUcu..... 1
Gi2_10825000_x3.....cgucUugggaacacggggugc..... 1
Gi1a_5842108_x3.....caguacCgcgaucggagacguc..... 1
Gi1_4060617_x3.....cgucgugggUacacggggugccgaacu..... 1
Gi3_27958811_x3.....gaucggagacgucgugggaaUacg..... 1
Gi2_10820173_x3.....ggaagagaagcgccgucagggccc..... 0
Gi2_10793458_x3.....gucgugggaacacggggugAc..... 1
Gi3_27935345_x3.....gaGcacggggugccgaacuu..... 1
Gi2_10821151_x3.....aGgcgcccgucagggccccgccaguacugc..... 1
Gi3_27870185_x3.....ucaggcUccgccaguacugc..... 1
Gi5_8689673_x3.....gUacacggggugccgaac..... 1
Gi3_27967715_x3.....Ugagacgucgugggaacacggggug..... 1
Gi3_27922160_x3.....caggccccgAcaguacugc..... 1
Gi2_10798459_x3.....Uucggagacgucgugggaacacggggugcc..... 1
Gi2_10745254_x3.....gaucgAagacgucgugggaaca..... 1
Gi5_8706923_x3.....gaacacggggugccgGac..... 1
Gi2_10772494_x3.....aggccccgccaguacuCc..... 1
Gi3_27874235_x3.....cgucgugggaaAacggggugccga..... 1
Gi3_27945371_x3.....cgucAugggaaacacggggugccga..... 1
Gi2_10822879_x3.....gucgugggaacacggggCgccg..... 1
Gi3_27962765_x3.....ugggaacacgggCugccg..... 1
Gi3_27876755_x3.....cCucaggccccgccaguacugc..... 1
Gi1_4059636_x3.....ucguggUaacacggggugccgaacu..... 1
Gi2_10774417_x3.....gggaacCcggggugccgaac..... 1
Gi1a_5853475_x3.....gaacacggggugccgaCcu..... 1
Gi3_27920768_x3.....gucgCgggaacacggggugc..... 1
Gi1a_5874043_x3.....gugggaacacggggugccgaaU..... 1
Gi2_10747003_x3.....aggcccUgccaguacugcga..... 1
Gi1a_5853190_x3.....cgugggaacacggggugccgaacA..... 1
Gi3_27928865_x3.....cgugggaacacggggugAcga..... 1
Gi5_8697986_x3.....gggaacUcggggugccgaacu..... 1
Gi3_27956225_x3.....Aacgucgugggaacacggggugccg..... 1
Gi1_4077195_x3.....gacgucgugggaacacggggugccgCacu..... 1
Gi3_27802856_x3.....aguacugcgauccggagacAucg..... 1
Gi1_4052358_x3.....Ucgaucggagacgucgugggaaca..... 1
Gi3_27933758_x3.....acgucgugggaacacggggugAc..... 1

Gi2_10729075_x3.....Acgucaggccccgccaguacugcg..... 1
 Gi1_4077852_x3.....ugggCacacggggugccgaacu..... 1
 Gi2_10752502_x3.....ggccccgccaguacCgcgauc..... 1
 Gi1_4085361_x3.....ccccgccaguacugcgauccggagacguc..... 0
 Gi2_10772563_x3.....caggUcccgccaguacugc..... 1
 Gi2_10826893_x3.....caguacugcgCucggagacguc..... 1
 Gi3_27907856_x3.....gGgaucggagacgucgugggaaca..... 1
 Gi3_27902123_x3.....Ugggagacgucgugggaacacggggugccga..... 1
 Gi1a_5876332_x3.....gugggaacacggggugccgUacu..... 1
 Gi1a_5815156_x3.....cgugggaacacggggugccgGacu..... 1
 Gi3_27968975_x3.....agaaUcgccgucagggccc..... 1
 Gi2_10797019_x3.....gaucggagacgucgugggaacaAggg..... 1
 Gi2_10817542_x3.....cgucgugggaacacggggugcUg..... 1
 Gi1_4055142_x3.....cAggagacgucgugggaacacggggugcc..... 1
 Gi3_27947978_x3.....ccccgccaguacugcgGucgg..... 1
 Gi3_27938075_x3.....Uccgccaguacugcgauccggaga..... 1
 Gi3_27903353_x3.....gacAucgugggaacacggggugccgaac..... 1
 Gi1_4048068_x3.....gugAgaacacggggugccgaac..... 1
 Gi3_27978533_x3.....gucgugggaacacgggAu..... 1
 Gi1_4059054_x3.....gacgucgugggaGcacggggugccgaacu..... 1
 Gi2_10773808_x3.....cgucgugggCacacggggugc..... 1
 Gi3_27931832_x3.....caggccccgcUaguacugcgaucc..... 1
 Gi2_10742797_x3.....gggaCcacggggugccgaac..... 1
 Gi5_8667236_x3.....cgCgggaacacggggugccga..... 1
 Gi2_10737043_x3.....gucgugggaacaAggggugccgaacu..... 1
 Gi1_4088247_x3.....guacugcgNucggagacgucg..... 1
 Gi3_27833747_x3.....Gagagaagcgccgucagggccc..... 1
 Gi3_27809198_x3.....cgucguggAaacacggggugccgaac..... 1
 Gi1_4057707_x3.....cgucgugggaacacgAgggugccgaacu..... 1
 Gi2_10746226_x3.....ucgugggaacacggggugccga..... 0
 Gi2_10793869_x3.....aucggagacgucgugggUacacggggu..... 1
 Gi1_4069623_x3.....Gggagacgucgugggaacacggggugc..... 1
 Gi1_4072788_x3.....cGgccaguacugcgauccggaga..... 1
 Gi3_27884573_x3.....agaaUcgccgucagggccc..... 1
 Gi5_8671298_x3.....ucggagacNucgugggaacacg..... 1
 Gi3_27806909_x3.....ccUcgccaguacugcgauccggag..... 1
 Gi3_27827237_x3.....Agccgucagggccccgccagu..... 1
 Gi2_10812430_x3.....cgugggaacacgggAugccgaac..... 1
 Gi2_10769089_x3.....gccaguacugcgauccggagacgC..... 1
 Gi5_8661548_x3.....ugCgaacacggggugccgaacu..... 1
 Gi2_10760065_x3.....guUggaacacggggugccgaacuu..... 1
 Gi1a_5824249_x3.....gaacaUggggugccgaacu..... 1
 Gi2_10817935_x3.....ucggagacgucgGgggaacacggggugcc..... 1
 Gi2_10787071_x3.....gucgugggaacacgAgggugccgaac..... 1
 Gi2_10755100_x3.....gccccgcUaguacugcgaucc..... 1
 Gi1a_5861968_x3.....gugggaacacggCgugccgaacu..... 1
 Gi1_4084089_x3.....gagacgucgugggGacacggggugccgaacu..... 1

Gi3_27881789_x3.....agUccccgccaguacugcgauccgga..... 1
Gi2_10814413_x3.....caggcUccgccaguacug..... 1
Gi3_27975836_x3.....ggccccgccaguacuAcgauc..... 1
Gi3_27977102_x3.....guacugcgauccggCgacgucgug..... 1
Gi1_4076163_x3.....gucgugggaaacacggAgugccgaacu..... 1
Gi2_10730686_x3.....gUucggagacgucgugggaaacacggggugc..... 1
Gi1_4070628_x3.....ugggaacaUggggugccgaac..... 1
Gi2_10759261_x3.....acgucgugggaaacacggggugccgCac..... 1
Gi2_10744261_x3.....gaucggagacgucgugggGacacg..... 1
Gi3_27815522_x3.....ggaacacggggUccgaa..... 1
Gi3_27901088_x3.....ucguggCaacacggggugccgaacu..... 1
Gi2_10782622_x3.....ggagacgucgugggCacacggggugcc..... 1
Gi1_4086267_x3.....agaagcgccgucagggccccgc..... 0
Gi2_10777042_x3.....gacgucgugggaaacacggggugccgaaAu..... 1
Gi2_10754623_x3.....cGcgccaguacugcgauccggaga..... 1
G1a_5852905_x3.....gaagGgaagcgccgucag..... 1
Gi3_27869366_x3.....cggagacgucgugggCaacacggggU..... 1
Gi3_27838670_x3.....gggaacacggggGgccga..... 1
Gi5_8651753_x3.....ucagggccccgccaguacCgcg..... 1
Gi5_8705045_x3.....gaucggagacgucgugggGacacggg..... 1
Gi3_27856655_x3.....cagggccccgccagCacugcgau..... 1
Gi2_10764361_x3.....ucggagacgucgugggGacacg..... 1
Gi2_10798510_x3.....gucgCgggaacacggggugc..... 1
Gi3_27821192_x3.....cagggccUcgccaguacugcga..... 1
Gi1_4078071_x3.....ugggaacacggggugccU..... 1
Gi3_27979094_x3.....caggcUccgccaguacugcga..... 1
Gi3_27886427_x3.....cguUgugggaacacggggugccg..... 1
Gi5_8652710_x3.....cgugggaacacggggUaccgaac..... 1
Gi3_27844613_x3.....cagggccccgccaguacugcgGucggagac..... 1
Gi1_4061787_x3.....cgugggaaAacggggugccgaacu..... 1
G1a_5829595_x3.....Gcggagacgucgugggaaacacgg..... 1
Gi2_10827661_x3.....Ccagggccccgccaguacugc..... 1
Gi1_4066821_x3.....ugggaacacggggugccgU..... 1
Gi2_10797766_x3.....aggccccgccaguacugcgauccggagGcguc..... 1
Gi3_27938021_x3.....cagggccccgccaguacugA..... 1
Gi2_10753744_x3.....aagcgccgNcagggccccgccaguacu..... 1
Gi3_27923108_x3.....agagaagcgccgucagggccccgccaguacugcg..... 0
Gi5_8679695_x3.....guggAaacacggggugccga..... 1
Gi1_4056000_x3.....ugggaacacggggugccgaaAu..... 1
Gi3_27835430_x3.....aggccccgccaguacugcgaGc..... 1
Gi3_27866273_x3.....gaucggagGcgucgugggaaacacgg..... 1
Gi1_4071414_x3.....acgucgugggUacacggggugccgaacu..... 1
Gi2_10748392_x3.....Gagcgccgucagggccccgccaguac..... 1
Gi2_10755529_x3.....gagaagcgccgucagggccccgccagCac..... 1
Gi3_27866933_x3.....gggaacacggggugccgaaG..... 1
Gi3_27841604_x3.....Gcggaucggagacgucguggg..... 1
Gi2_10746589_x3.....aucggagGcgucgugggaaac..... 1

Gi2_10814737_x3.....gaucggagacgucgugggaacacggggAgcc..... 1
Gi2_10769197_x3.....acgucgugggCacacggggugcc..... 1
Gi2_10808470_x3.....ugggaacaNggggugccgaacuu..... 1
Gi3_27859586_x3.....aggcUccgccaguacugc..... 1
Gi3_27971567_x3.....agagaagcNccgucaggcc..... 1
Gi2_10814824_x3.....gccaguacugcgauccggGgacguc..... 1
Gi3_27974195_x3.....Gcccgccaguacugcgauccggagacg..... 1
Gi3_27814334_x3.....gggaacCcggggugccgaa..... 1
Gi2_10813876_x3.....gUagacgucgugggaacacggggugccgaacu..... 1
Gi3_27853859_x3.....cccgccaguacugcgauccggGg..... 1
Gi4_550683_x3.....Gcgcugugggaacacggggugccgaacu..... 1
Gi3_27842909_x3.....agGgaagcgcccgucaggccccgccc..... 1
Gi2_10802776_x3.....ggaacUcggggugccgaa..... 1
Gi5_8668277_x3.....cgugggaacacggggugccgaaA..... 1
Gi2_10732843_x3.....cgugggaacacgAggugcc..... 1
Gi1_4072497_x3.....acgucgugNgaacacggggugcc..... 1
Gi1_4081848_x3.....ucgugggaacacggggCgccc..... 1
Gi5_8675246_x3.....aucggagacgucgugggCacacg..... 1
Gi3_27902906_x3.....gccgucaggccccgccaAuacugcg..... 1
Gi2_10752007_x3.....cccgccaguacugcgauccggCgac..... 1
Gi3_27831995_x3.....Gagagaagcgccgucaggccccgcca..... 1
Gi2_10813606_x3.....Gcgugggaacacggggugc..... 1
Gi3_27965642_x3.....gaucggagacgucgugggGacacggggugc..... 1
G1a_5818777_x3.....cUaucggagacgucgugggaacacg..... 1
Gi3_27883538_x3.....gacgucgugggaacacgggAugccg..... 1
Gi1_4068687_x3.....gccgucaggccccgcccagCacu..... 1
Gi3_27921194_x3.....agacgucgugggaacacggggugccg..... 0
Gi2_10744240_x3.....acgucgugNgaacacggggg..... 1
Gi2_10788781_x3.....cgugggaacGcggggugccgaa..... 1
G1a_5841190_x3.....acGgcgaucggagacgucgug..... 1
Gi3_27796256_x3.....cgauccggagacgucgugggaacCcgc..... 1
Gi5_8673617_x3.....cgugggCacacggggugccgaa..... 1
Gi1_4064256_x3.....cgccaguacugcgaCcggaga..... 1
G1a_5857033_x3.....Gaggccccgcccaguacugcg..... 1
Gi2_10772716_x3.....gccccgcccaguacuAcgauc..... 1
Gi3_27833243_x3.....Gcacggggugccgaacuu..... 1
G1a_5835199_x3.....ugggaacacgggAugccgaacu..... 1
Gi2_10773517_x3.....Gggccccgcccaguacugcgauccg..... 1
Gi1_4078482_x3.....gagacgCcgguggaacacggggugccgaacu..... 1
Gi3_27835448_x3.....gucgugggNacacggggugc..... 1
Gi5_8716988_x3.....gggaacacgggAugccgaac..... 1
Gi3_27908006_x3.....cAccaguacugcgauccggagacgu..... 1
Gi1_4080531_x3.....auUggagacgucgugggaacacg..... 1
Gi2_10757023_x3.....ugggaacacggggugccgaaU..... 1
Gi3_27958469_x3.....aucggagacUucgugggaacacggggugcc..... 1
Gi2_10815637_x3.....gacgucgugggaacacgAggugcc..... 1
Gi1_4073469_x3.....cgauccggagacgucgugggGacacggggg..... 1

Gi3_27952970_x3.....gUccccgccaguacugcgauccggagacg..... 1
 Gi1_4084743_x3.....acgucguggggaacaUggggugccgaacu..... 1
 Gi3_27809510_x3.....gaucggagacgucgugggaaacCcggggugc..... 1
 Gi2_10763998_x3.....ggagacguNgugggaaacacggggugc..... 1
 Gi3_27947858_x3.....agGacugcgauccggagacguc..... 1
 Gi5_8709332_x3.....ucgugggaaacacggggugccgCac..... 1
 Gi5_8693252_x3.....guUgugggaaacacggggugc..... 1
 Gi5_8668460_x3.....cgucgugggaaacacggggugccgUacu..... 1
 Gi5_8705129_x3.....acgucgugggaaUacggggugccgaacu..... 1
 Gi2_10780513_x3.....gccccgccaguacugcgauccggGgacguc..... 1
 Gi2_10740928_x3.....aucggaAacgucgugggaaacacggggg..... 1
 Gi2_10813573_x3.....cgugggaaacaAggggugccgaac..... 1
 Gi3_27848738_x3.....gacgucAugggaaacacggggugccgaac..... 1
 Gi3_27819212_x3.....gagaagcgcgucagggcc..... 0
 Gi5_8709968_x3.....agacgucgugggaaacacgggggUaccgaacu..... 1
 Gi3_27921842_x3.....ucagUccccgccaguacugc..... 1
 Gi3_27961268_x3.....aagagaagNgccgucagggccccgccc..... 1
 Gi3_27905240_x3.....Uagaagcgcgucagggccccgccaguacug..... 1
 Gi3_27866264_x3.....agacgucgugggaaacacggggugccgaGcu..... 1
 Gi5_8708045_x3.....cCugggaaacacggggugccga..... 1
 Gl1a_5875237_x3.....Uaguacugcgauccggagacguc..... 1
 Gi2_10796569_x3.....ccccgccaguGcugcgaucc..... 1
 Gi2_10795438_x3.....cggagGcgucgugggaaacacggggg..... 1
 Gl1a_5857822_x3.....Ggagaagcgcgucagggcccc..... 1
 Gi2_10811308_x3.....cagggccccgccaguacugUgauc..... 1
 Gi2_10780096_x3.....gUagcgcgucagggccccgccaguacugc..... 1
 Gi1_4072122_x3.....aUugcgauccggagacgucg..... 1
 Gl1a_5859112_x3.....ugcgauccggGgacgucgu..... 1
 Gi2_10743559_x3.....cagggccccgccaguacugcAauc..... 1
 Gi3_27975059_x3.....gucagggccccgccaguacugAg..... 1
 Gi2_10758526_x3.....acgucgugggaaacacgggggUgGcgaacu..... 1
 Gi5_8705969_x3.....aagagaagcgcgucagggccccgccaguacug..... 0
 Gi1_4088715_x3.....gaacacggggugccUaacu..... 1
 Gi2_10765219_x3.....cgucgugggaaacacggggugccC..... 1
 Gi2_10790221_x3.....aucggagacgucUugggaaac..... 1
 Gi5_8659343_x3.....gugggaaacacgggUugccgaacu..... 1
 Gi3_27910634_x3.....gggaacacggggugccCaac..... 1
 Gl1a_5859121_x3.....gucgugggaaGcacggggugccgaacu..... 1
 Gi2_10806292_x3.....cgucgugggaaCcacggggugccg..... 1
 Gi3_27834506_x3.....ccccgccaguacCcgauccggagacgu..... 1
 Gi2_10811866_x3.....gacgucgugggaaacacAgggugcc..... 1
 Gi2_10735897_x3.....gaucggaAacgucgugggaaacacggg..... 1
 Gi2_10812781_x3.....cguAggaacacggggugc..... 1
 Gi2_10776541_x3.....uAggaacacggggugccgaa..... 1
 Gi3_27845351_x3.....gucgugggGacacggggugc..... 1
 Gi3_27839084_x3.....gaucggagacgucgugggGac..... 1
 Gi3_27801377_x3.....gacgucgugggaaacacggggugccgaacG..... 1

Gi2_10783819_x3.....gacgucgugggaacacggggAgcc..... 1
 Gi2_10818001_x3.....gGacugcgaucggagacgucgugggaaca..... 1
 Gl1a_5818843_x3.....cgccaguacugcgauccgagacgucgugg..... 0
 Gi2_10766299_x3.....acgucgugggaacacgggAugccgaacu..... 1
 Gi3_27945755_x3.....gGucggagacgucgugggaac..... 1
 Gl1a_5865688_x3.....gucgugggaacacggggugccgCac..... 1
 Gi2_10739329_x3.....ccUucaggccccgccaguacugc.....acgucgugAgaacacggggugccgaacu..... 1
 Gi2_10767076_x3.....ccUucaggccccgccaguacugc.....gucgugUgaacacggggugccgaacu..... 1
 Gi3_27871880_x3.....gaagagaagcgccgucUggccccgc.....gucgugUgaacacggggugccgaacu..... 1
 Gi3_27896018_x3.....aggcccAgccaguacugc..... 1
 Gi3_27831047_x3.....ucaggccccgccagAacugc..... 1
 Gi3_27811781_x3.....cgugggaacacggggCgccga..... 1
 Gi5_8707220_x3.....ccccgccaguCcuycgauc..... 1
 Gi2_10802644_x3.....cgucgugggaacacggggugUcgaac..... 1
 Gi3_27824276_x3.....aucggagacgucgugggaaAacggggu..... 1
 Gi2_10740643_x3.....acCgcgaucggagacgucgu..... 1
 Gi2_10782319_x3.....ucaggccccNgccaguacugc..... 1
 Gi3_27838736_x3.....cgugggaacacggggugA..... 1
 Gi2_10801885_x3.....ggccccgccaguacugAgauc..... 1
 Gi2_10818118_x3.....ucaggccccgccaguGcuycgauc..... 1
 Gi3_27827036_x3.....gucguggCaacacggggugccgaacu..... 1
 Gi2_10773031_x3.....cgucgugggaacacggggCgcc..... 1
 Gi1_4062510_x3.....agacgucgugggaacacggggugccgaacG..... 1
 Gi3_27824693_x3.....ucgugggaacacggggGgccgaac..... 1
 Gi5_8682854_x3.....gaagagaaNcgccgucaggccc.....cgGcugugggaacacggggugccgaac..... 1
 Gi2_10779181_x3.....gggaacacggggugccgUac..... 1
 Gi2_10828048_x3.....cgauccggagGcugcugggaacacg..... 1
 Gi5_8668676_x3.....cgugggaaUacggggugccga..... 1
 Gi3_27878600_x3.....agcgccgucaggccccgccGgu..... 1
 Gi2_10786963_x3.....gugggaacacggggugccgaC..... 1
 Gi3_27816626_x3.....ccgcUaguacugcgauccgagac..... 1
 Gi5_8693672_x3.....acgucguggUaacacggggugccgaac..... 1
 Gi3_27897275_x3.....ggaacacgNggugccgaac..... 1
 Gl1a_5863120_x3.....ucggGgacgucgugggaacacggggugccga..... 1
 Gi2_10805320_x3.....acgAcgugggaacacggggugccgaacu..... 1
 Gi5_8675609_x3.....aggccccgAcaguacugcga..... 1
 Gi3_27840503_x3.....gGucggagacgucgugggaacac..... 1
 Gi5_8686865_x3.....aaagGagcgccgucaggc..... 1
 Gi3_27901907_x3.....gaacacgggguAccgaac..... 1
 Gi3_27879392_x3.....uacugcgauccgagacguc..... 0
 Gi2_10793011_x3.....Gcccgccaguacugcgau..... 1
 Gi2_10772842_x3.....guAgugggaacacggggugccgaac..... 1
 Gi3_27912560_x3.....cGuuaacucguuccgaau..... 1
 Gi2_10794748_x3.....gucaggccccgccGguacug..... 1
 Gi3_27911024_x3..... 1
 Gi3_27976805_x3.cGuuaacucguuccgaau..... 1

Gi2_10734847_x3.....cgugggaacacggggugccA..... 1
 Gi1_4079916_x3.....ugggaacacggggugccgaGc..... 1
 Gi2_10798342_x3.....gaucggCgacgucguggga..... 1
 Gi2_10770409_x3.....gaaAacggggugccgaacu..... 1
 Gi3_27905858_x3.....cgucgugggaacacAgggugccg..... 1
 Gi3_27942215_x3.....ggaacacUggggugccgaac..... 1
 Gi3_27922844_x3.....agggcccgcaguaUugcga..... 1
 G1a_5841409_x3.....aacacggggugccgGacu..... 1
 Gi1_4055745_x3.....ucgugggaaAacggggugccgaacu..... 1
 Gi2_10822171_x3.....cgugggaacacggggugGcgaac..... 1
 Gi3_27928607_x3.....cgNgggaacacggggugcc..... 1
 Gi1_4055781_x3.....cggagacgucgugggaacacggggugccga..... 0
 Gi3_27943727_x3.....gGacugcgaucggagacguc..... 1
 Gi2_10770733_x3.....cggagacgucgugggaacacAgggugc..... 1
 Gi3_27892274_x3.....gaCcgagacgucgugggaacacgg..... 1
 Gi2_10824391_x3.....ucagggcccNgccaguaucg..... 1
 Gi3_27949763_x3.....aucggagacgucgugggaacGcggggugc..... 1
 Gi3_27807944_x3.....cgucgugggaacacggggAugccga..... 1
 Gi2_10779133_x3.....ggagacAucgugggaacacggggugcc..... 1
 Gi2_10729795_x3.....cgugAgaacacggggugc..... 1
 Gi2_10750867_x3.....ggaGcacggggugccgaa..... 1
 Gi5_8715878_x3.....gucgugggaacaAgggugccgaacu..... 1
 Gi5_8685881_x3.....caAgccccgccaguaucgcg..... 1
 Gi2_10778554_x3.....ggagacgucgugggaacacggggugAc..... 1
 Gi1_4088400_x3.....Ggacgucgugggaacacggggugcc..... 1
 Gi1_4080093_x3.....cgugggUacacggggugccgaacu..... 1
 Gi3_27857159_x3.....Ngggaacacggggugccgaa..... 1
 Gi3_27819560_x3.....agagaagcgccgucagggcccgcU..... 1
 Gi2_10765099_x3.....aagagaagNgccgucagggccc..... 1
 Gi3_28022860_x2.....Gccgccaguaucggaucggagacgucgug..... 1
 Gi5_8827533_x2.....cccgccaguaucggauc..... 0
 Gi5_8808971_x2.....ucggagacgucgugggaaAacg..... 1
 Gi3_28183104_x2.....cgucagggcccgcaguaucgAg..... 1
 Gi3_28076344_x2.....Ccgagacgucgugggaaca..... 1
 G1a_5878350_x2.....auUggagacgucgugggaacacg..... 1
 G1a_5925060_x2.....gggaacacggggugccga..... 0
 Gi1_4115209_x2.....ugggaacacggggCgccaac..... 1
 Gi5_8736497_x2.....acgucgugggaacacggggugccgUacu..... 1
 Gi2_10854459_x2.....gacgucguAggaacacggggugccg..... 1
 Gi3_28258888_x2.....cgucGggccccgccaguaucgcg..... 1
 Gi2_10982197_x2.....cggagacgucgugggaCcacggggu..... 1
 Gi2_10985337_x2.....ugggaCcacggggugccga..... 1
 Gi1_4156279_x2.....Ccgugggaacacggggugccgaac..... 1
 Gi3_27999944_x2.....cgugggaacacggAgugc..... 1
 Gi2_10862497_x2.....agacgucgugggaacGcggggugc..... 1
 Gi2_10873517_x2.....gUagcgccgucagggccc..... 1
 Gi3_28189658_x2.....gaagagaCgcgccgucagg..... 1

Gi3_28014822_x2.....agggccccccagacuugcgGucggagacguc..... 1
 Gi4_561576_x2.....gugggGacacggggugccgaacu..... 1
 Gi2_10982777_x2.....ugggaacacgggUugccg..... 1
 Gi2_10842157_x2.....aucggagacgucgugggaacacCgggugc..... 1
 Gi5_8817981_x2.....gugggaacaUggggugccg..... 1
 Gi2_10831743_x2.....gUcgucagggccccccagacuugcg..... 1
 Gi3_28071144_x2.....aggaagagaagcgccgucagg..... 0
 Gi3_28123122_x2.....Uguacugcgauccggagacgucgug..... 1
 Gi3_28004550_x2.....gucgugggaacacAgggugc..... 1
 Gi3_28178882_x2.....cgggagacgucgCgggaacacggggugccgaacu..... 1
 Gi3_28053948_x2.....Gggagacgucgugggaacacggggugccgaa..... 1
 Gi5_8774735_x2.....gaucggagacgucgugggaacCcg..... 1
 Gi2_10983489_x2.....ggCaacacggggugccgaacu..... 1
 Gi3_28259664_x2.....gaucggagacgucgugggaacacggggCgc..... 1
 Gi5_8734129_x2.....aucggCgacgucgugggaacacggg..... 1
 Gi2_10984425_x2.....ccagacuugcgGucggagacg..... 1
 Gi2_10972641_x2.....gaucggagGcgucgugggaacacggggug..... 1
 Gi1_4146839_x2.....gaucggagacgucgugggaacacggggugcc..... 0
 Gi1_4136725_x2.....aucggagacAucgugggaacacg..... 1
 Gi2_10848447_x2.....aucggagacgucgugggaaAacggggugcc..... 1
 Gi1_4091635_x2.....caggccccccCguacugc..... 1
 Gi5_8824001_x2.....caggcccUgccagacuug..... 1
 Gi2_10947099_x2.....ucgugggaacaAggggugccgaac..... 1
 Gi3_28161648_x2.....Ggaucggagacgucgugg..... 1
 Gi3_28010846_x2.....cUccgccagacuugcgauccggag..... 1
 Gi2_10850269_x2.ccuuaacucguucAgaau..... 1
 Gi2_10887823_x2.....ccccccaNuacugcgauccggagacguc..... 1
 Gi1_4113187_x2.....cgucgugggGacacggggugccgaac..... 1
 Gi2_10877343_x2.....cguUgugggaacacggggugcc..... 1
 Gi3_28197740_x2.....caguacugcgGucggagacgucgug..... 1
 Gi3_28132520_x2.....agacgucgugggaacaGggggugccgaacu..... 1
 Gi1_4146213_x2.....aucggagacgucgugggaac..... 0
 Gi2_10955441_x2.....gGcaggccccccagacuugcgau..... 1
 Gi5_8771285_x2.....agaUgucgugggaacacggggugccgaacu..... 1
 Gi2_10977443_x2.....ucgggagacgucgCgggaaca..... 1
 Gi3_28246504_x2.....aagcgccguUaggccccccagua..... 1
 Gi3_27980346_x2.....aggccccccGguacugcgauccgga..... 1
 Gi2_10969407_x2.....acUucgugggaacacggggugc..... 1
 Gi2_10919265_x2.....caggcUccgccagacuugcgau..... 1
 Gi2_10870367_x2.....ucgugggaacCggggugccgaa..... 1
 Gi5_8724157_x2.....cgucgugggaacacggggugccgaaUu..... 1
 Gi4_561212_x2.....acgucgugggaacacggggCgccgaacu..... 1
 Gi3_28225976_x2.....gccgucagAccccccagacu..... 1
 Gi3_28069370_x2.....gccccccagucgucgau..... 1
 Gi3_28042172_x2.....gggaacGcggggugccga..... 1
 Gi2_10890049_x2.....cgucgugggaacacggggugA..... 1
 Gl1a_5946438_x2.....ugggaacaUggggugccgaacu..... 1

Gi3_28085154_x2.....ugggaacacggggugccCa..... 1
 Gi3_28256428_x2.....aggccccgccaguaAugc..... 1
 Gi2_10895775_x2.....cccgUaguacugcgauccg..... 1
 Gi2_10828759_x2.....aucggagacgucgGgggaacac..... 1
 G1a_5896378_x2.....cgaucggagacgCcgugg..... 1
 Gi5_8745247_x2.....cUccaguacugcgauccggagacguc..... 1
 Gi2_10969453_x2.....ggaacacgggCugccgaac..... 1
 Gi5_8732055_x2.....caguacugcgaCcgagacgucgug..... 1
 Gi3_28136140_x2.....aagagGagcgccgucagggccccgcca..... 1
 Gi2_10912911_x2.....ugggaacacggggCgccga..... 1
 Gi3_28048970_x2.....aucggagUcgucgugggaacacggg..... 1
 Gi2_10864805_x2.....gucgugggaacacggggugUc..... 1
 Gi5_8749845_x2.....gagGcgucgugggaacacggggugcc..... 1
 Gi5_8755197_x2.....gaucggagacgucgugggaGcacg..... 1
 Gi3_28199844_x2.....agacgucgAggggaacacggggugccgaac..... 1
 Gi2_10847225_x2.....guUaggccccgccaguacugcgau..... 1
 Gi2_10891101_x2.....gaagagaagcgccgucUggccccgcc..... 1
 G1a_5925150_x2.....Aucaggccccgccaguacugcg..... 1
 Gi3_28201286_x2.....ccccgccaAuacugcgau..... 1
 Gi3_28041280_x2.....gagaUgucgugggaacacggggugccgaacu..... 1
 Gi3_28006960_x2.....cgugggaacaAggggugccga..... 1
 Gi3_28078720_x2.....cgccgucagggUccgccaguacugc..... 1
 Gi2_10873155_x2.....uacugcgauccggagacgucgugggaacacgggg..... 0
 Gi3_28096382_x2.....gCagacgucgugggaacacggggugcc..... 1
 Gi5_8775393_x2.....gugggaGcacggggugccgaacu..... 1
 Gi2_10874309_x2.....ugggaacacggggugccgUac..... 1
 Gi2_10847465_x2.....gacgucgugggaacacggggugccgaGc..... 1
 Gi2_10914149_x2.....ucgugggaacacggggugccgUac..... 1
 Gi3_28127304_x2.....cccgCAaguacugcgauccggagacguc..... 1
 Gi1_4098987_x2.....ccccgccaguacugcgau..... 1
 Gi2_10931091_x2.....ccgucagggccccgccCguacugc..... 1
 Gi2_10851365_x2.....aggUccgccaguacugcgau..... 1
 Gi3_28121338_x2.....ccgccaguacugcgGucggagacguc..... 1
 G1a_5883442_x2.....gccaguacugcgauccggagGcguc..... 1
 Gi2_10961947_x2.....gUcgucgugggaacacggggugcc..... 1
 Gi3_28039174_x2.....ucggagacgucgugggaacCcgggugcc..... 1
 Gi2_10835319_x2.....aAacgucgugggaacacggggugcc..... 1
 Gi5_8736743_x2.....uGugggaacacggggugcc..... 1
 Gi3_28191284_x2.....ugcgauccggagacgucgugggaacGcg..... 1
 Gi2_10843689_x2.....cgucgugggaacacAgggugcc..... 1
 Gi3_27989896_x2.....agAccccgccaguacugcgau..... 1
 Gi3_27990978_x2.....cgaucggaNacgucgugggaacacg..... 1
 Gi3_28260530_x2.....aucggagacgucguggAa..... 1
 Gi1_4133177_x2.....Ggcgccgucagggccccgccaguacugc..... 1
 Gi2_10886591_x2.....gggaacacggggugccgaacAu..... 1
 Gi3_28017160_x2.....ggagacgucgugggaacacggggAgcc..... 1
 Gi1_4093767_x2.....caggccccgccaguacCgcgauc..... 1

Gi3_28166790_x2.....agggcccgGaguacugcgauC..... 1
G1a_5933460_x2.....cgugggaacacggggugcAgaacu..... 1
G1a_5979912_x2.....gccaguacugcgGucggagacguc..... 1
Gi2_10920459_x2.....ucgugggaacacggCgugccgaacu..... 1
G11_4102039_x2.....gugggaacacggggGgcc..... 1
Gi3_28064246_x2.....caguacugNgaucggagacguc..... 1
Gi5_8735085_x2.....cgucgugggaacaGggggugccgaacu..... 1
Gi3_28098096_x2.....agggcccgccaguacugcgCcgagacguc..... 1
Gi2_10965771_x2.....ugcgauCggagacgucgugggGaca..... 1
Gi2_10941579_x2.....gaagagaagcgccgucCggcccgcc..... 1
Gi5_8773587_x2.....cgGcgugggaacacggggugc..... 1
G1a_5954878_x2.....guUggaacacggggugccg..... 1
Gi5_8812499_x2.....guAggaacacggggugccgaa..... 1
G11_4140677_x2.....cgucgugggCacacggggugccgaacu..... 1
Gi3_28113002_x2.....cgauCggagacgucgugggaacacggggC..... 1
Gi2_10873873_x2.....cgauCggCgacgucgugggaacacggg..... 1
Gi3_28145044_x2.....cgauCggagacgucgugggaacacggggGgc..... 1
Gi2_10911613_x2.....ccccCccaguacugcgauC..... 1
Gi3_28233944_x2.....gGcaguacugcgauCggagac..... 1
G11_4112383_x2.....gugggaacGcggggugccgaacu..... 1
Gi5_8793035_x2.....gauCggagacgucgugggaacacggggG..... 1
Gi3_28002992_x2.....Ncgugggaacacggggugccgaac..... 1
Gi5_8800917_x2.....gugggaacacggggUaccga..... 1
Gi2_10916003_x2.....AccaguacugcgauCggagacgucgug..... 1
Gi2_10940923_x2.....gauCggagacgucgugggCac..... 1
Gi3_28064928_x2.....agaagcAccgucagggcccgcc..... 1
Gi2_10830543_x2.....CcgauCggagacgucgugggaacacg..... 1
Gi5_8731341_x2.....gauCggagacgucgugggCacacggg..... 1
Gi3_28011902_x2.....gaUacgucgugggaacacggggugccgaacu..... 1
G11_4099757_x2.....ggccccgccaguacugcgau..... 0
G11_4117687_x2.....ugggaacGcggggugccgaac..... 1
Gi5_8741455_x2.....gucgugggaacacggggugccgaUcu..... 1
Gi3_28212490_x2.....gaagagaagAgccgucagggccc..... 1
G1a_5879178_x2.....ugcgauCggagacgCcgU..... 1
Gi3_28184338_x2.....agcgccgucagggcccgUagu..... 1
Gi2_10860131_x2.....gucguggAaacacggggugcc..... 1
Gi2_10893201_x2.....ugggaacacggggugcUg..... 1
G1a_5876456_x2.....caguacugcgGucggagacgu..... 1
Gi2_10841581_x2.....gacgucgugggaacacggggugcUgaacu..... 1
Gi3_28118444_x2.....cgccgucagggUcccgccaguacugc..... 1
Gi5_8808277_x2.....gacgucguggAaacacggggugccgaacu..... 1
Gi5_8793475_x2.....caguacugNgaucggagacgucgug..... 1
Gi3_28122468_x2.....gagacgucgCgggaacacggggugccgaacu..... 1
Gi2_10856515_x2.....gucagggccccgccaguacugcgauCgg..... 0
Gi5_8736069_x2.....gugggaacacgAggugccga..... 1
G11_4137813_x2.....cgucgAgggaacacggggugccgaac..... 1
Gi3_28003308_x2.....cUgccaguacugcgauCggagacg..... 1

Gi3_28109550_x2.....gaacaAggggugccgaac..... 1
 Gi2_10883349_x2.....gaucggagacgucguggAaacacggggu..... 1
 Gi2_10842913_x2.....aucggagacgucguggaaUa..... 1
 Gi3_28160628_x2.....caggccccgccaguacGcgca..... 1
 Gi3_28079076_x2.....aucggagacgucgAgggaacacg..... 1
 Gi5_8786199_x2.....gaucggagNcgucgugggaacac..... 1
 Gi3_28058118_x2.....aucCgagacgucgugggaacacggg..... 1
 Gi5_8788397_x2.....ccgccaguacugcgau..... 0
 Gi2_10957855_x2.....cgugggaacacggggugUcgaa..... 1
 Gi3_28194944_x2.....acgucguggCaacacggggugccgaacu..... 1
 Gi2_10945441_x2.....gacgucguAgggaacacggggugccgaacu..... 1
 Gi2_10833201_x2.....aggccccgccaguacCgc..... 1
 Gi3_28058006_x2.....ccAccaguacugcgau..... 1
 Gi4_557642_x2.....aucggagacgucgugggaacacggggugcA..... 1
 Gi3_28074714_x2.....cggagacgucgugggaacacggggAgcc..... 1
 Gi3_28094822_x2.ccuuaacCcgucgaaau..... 1
 Gi2_10986465_x2.....gucgugggaacacggggugccgUac..... 1
 Gi3_28221870_x2.....ccUcgccaguacugcgau..... 1
 Gi3_28218664_x2.....Ggucagggccccccagua..... 1
 Gi4_567214_x2.....cgugAgaacacggggugccgaacu..... 1
 Gi1_4139775_x2.....ucggagacgucgugggCacacg..... 1
 Gi3_28043190_x2.....gcccAgccaguacugcgau..... 1
 Gi3_28141550_x2.....ucgugggaacacggggugcGgaac..... 1
 Gi3_28035250_x2.....acacUgggugccgaacuu..... 1
 Gi2_10829843_x2.....aAcgcccugacggccccgccaguacugc..... 1
 Gi2_10872461_x2.....aggccccgccaguacugcA..... 1
 Gi1_4153287_x2.....gaacacggggugccgaacuC..... 1
 G1a_5889334_x2.....aagagaagcgccgucagggcUcg..... 1
 Gi3_28143604_x2.....aagagaGggccgucagggccccgcc..... 1
 Gi1_4106965_x2.....cggagGcgucgugggaacacggggugcc..... 1
 Gi3_28173636_x2.....ucgAagacgucgugggaacacggggugcc..... 1
 Gi5_8804625_x2.....caggccccgccCguacugc..... 1
 Gi3_28006432_x2.....Uagcgccgucagggccccgccaguacugc..... 1
 Gi5_8796891_x2.....aucggagacguUgugggaacacg..... 1
 Gi2_10990889_x2.....gacgucgCgggaacacggggu..... 1
 Gi3_28216682_x2.....Ccgugggaacacggggugccg..... 1
 Gi5_8826279_x2.....gugggaacacgggAugccgaac..... 1
 Gi3_28105810_x2.....gcUaguacugcgau..... 1
 Gi2_10839745_x2.....gacgucgugggaacacgAggugccgaac..... 1
 Gi2_10878065_x2.....cgugggaacacgUggugccg..... 1
 G1a_5906790_x2.....aucggGgacgucgugggaacacggg..... 1
 Gi2_10852085_x2.....gagaagcgccgucGggccccgc..... 1
 Gi3_28161622_x2.....cgucaggUcccgccaguacugc..... 1
 Gi3_28211234_x2.....cagCccccgccaguacugcgau..... 1
 Gi5_8817963_x2.....cgccaguaNugcgauccgagacguc..... 1
 Gi1_4089943_x2.....ugggaUcacggggugccgaacu..... 1
 Gi5_8754949_x2.....gGgacgucgugggaacacggggugcc..... 1

Gi3_28086938_x2.....gaagagaagcAccgucag..... 1
Gi3_28053398_x2.....ggagacgucgugggaacacggggugccAaa..... 1
Gi3_28013432_x2.....gccaguacNcggaucggagacg.....ggaacacgggugccAaa..... 1
Gi3_28121946_x2.....cgugggaacacggCgugccgaac..... 1
Gi1_4118323_x2.....cggagacgucgugggaacacgggAugcc..... 1
Gi2_10956831_x2.....cgucgugggaacacggggAgccga..... 1
Gi3_28249762_x2.....cgccaguGcugcgaucggagacgucgug..... 1
Gi3_28009436_x2.....auAggagacgucgugggaacacggggg..... 1
Gi4_554284_x2.....gucgugggaGcacggggugccgaacu..... 1
Gi3_28067138_x2.....aggccccgccaguaUugcgaucgga..... 1
Gi2_10955117_x2.....gccgucagggUccgccaguacugcg..... 1
Gi1_4153625_x2.....gugggaacacggggugccgaGu..... 1
Gi2_10960639_x2.....gggaacacgggCugccgaac..... 1
Gi2_10991397_x2.....cggaCacgucgugggaacacggggugc..... 1
Gi2_10948839_x2.....cggagacgNcgugggaacac..... 1
Gi5_8827979_x2.....Ggggaacacggggugccga..... 1
Gi3_28244302_x2.....agacgucgugggaacacggggAgccgaacu..... 1
Gi5_8815343_x2.....Gacggggugccgaacu..... 1
Gi1_4105933_x2.....gugggaacacggUgugcc..... 1
Gi1a_5920836_x2.....ugggaacacggggugccgUacu..... 1
Gi1_4155857_x2.....cgugggaGcacggggugccgaac..... 1
Gi2_10833919_x2.....cGgccaguacugcgaucggag..... 1
Gi3_28233618_x2.....aguacugcgaucggagacgucgAg..... 1
Gi4_554166_x2.....uGugggaacacggggugccgaacu..... 1
Gi2_10833047_x2.....cgucgugggaacacggAgugc..... 1
Gi3_28150550_x2.....agacgucgCgggaacacggggugcc..... 1
Gi1_4135245_x2.....cccgccaguacugcgaucggagac..... 0
Gi5_8724223_x2.....gGgaagcgccgucagggccccgccaguacug..... 1
Gi2_10880177_x2.....gccgucagggccccgccaguacCgcg..... 1
Gi3_28184548_x2.....ucaggccccgccaguacugcgauU..... 1
Gi3_28014618_x2.....agcgccgucagggccccAccagu..... 1
Gi3_28162096_x2.....agacgucguAggaacacggggugcc..... 1
Gi3_28136910_x2.....ccccgccaguacugcgaCc..... 1
Gi3_28203016_x2.....gacguUgugggaacacggggugccgaac..... 1
Gi3_28184136_x2.....gGagagaagcgccgucagggccccgccagu..... 1
Gi3_28248718_x2.....ucaggccccgccaguacuAcgauc..... 1
Gi2_10989293_x2.....gacgucgugggaacacgggAugccgaacu..... 1
Gi4_560684_x2.....gCacugcgaucggagacgucgugg..... 1
Gi1_4100463_x2.....aUgccccgccaguacugc..... 1
Gi5_8755267_x2.....gugggaacacggggugccAaacuu..... 1
Gi3_28228276_x2.....cgucgCgggaacacgggg..... 1
Gi5_8781633_x2.....cacgUggugccgaacu..... 1
Gi5_8766277_x2.....ccccgccaguacugcgGucggagacg..... 1
Gi1_4143029_x2.....gucagggccccgccGguacugc..... 1
Gi3_27992184_x2.....gagaagcgccgCcaggccc..... 1
Gi2_10854083_x2.....caguacugcgaucggagCcguc..... 1
Gi3_28180040_x2.....aucGgagacgucgugggaacacg..... 1

Gi2_10926355_x2.....gaucggagacgucgugggaacCcggg..... 1
 G1a_5972996_x2.....caguacugcgauUggagacguc..... 1
 Gi3_28205088_x2.....gagacgucgugggaacacggggCgccg..... 1
 Gi3_28127338_x2.....ccaguacugcgauCggagCcgucgug..... 1
 Gi1_4113363_x2.....gaacacgCgugccgaacu..... 1
 Gi2_10922939_x2.....gacgucgugggaacaUggggugccgaacu..... 1
 Gi5_8817015_x2.....cgaucggagacgCcgugggaacacggg..... 1
 Gi2_10958593_x2.....ucgugggaacCcggggugccg..... 1
 Gi2_10959045_x2.....cAucgugggaacacggggugccgaa..... 1
 Gi3_28017454_x2.....Gcgucaggccccgccaguac..... 1
 G1a_5953480_x2.....Ggccgucaggccccgccaguacugc..... 1
 Gi3_28176316_x2.....gagacgucguggAaacacggggugccgaacu..... 1
 G1a_5944752_x2.....cccgccaguacugcgGucggagacguc..... 1
 G1a_5879238_x2.....gggaacacgAgugccgaacu..... 1
 Gi1_4130411_x2.....gucgugggaacacggggugcAgaacu..... 1
 Gi2_10951987_x2.....cgucgugggaacacgAgugccga..... 1
 Gi2_10842367_x2.....ggccccccaguacugcAauc..... 1
 Gi3_28104258_x2.....ccaguacugcgauCggCgacgucgug..... 1
 G1a_5954170_x2.....ugUgaucggagacgucgu..... 1
 Gi3_27998906_x2.....acgucgugAgaacacggggugccg..... 1
 Gi1_4132923_x2.....ggaacacggggGgccgaac..... 1
 Gi3_28196346_x2.....gucgugggaacaUggggugcc..... 1
 Gi2_10923743_x2.....cccgUaguacugcgauC..... 1
 Gi2_10856445_x2.....gucaggccccgccCguacugcg..... 1
 Gi3_28191956_x2.....ccccgccaNuacugcgauCggaga..... 1
 Gi3_28144652_x2.....gggaacacUggggugccgaac..... 1
 Gi2_10833363_x2.....gugggaCcacggggugccga..... 1
 Gi2_10929051_x2.....Gcgucgugggaacacggggugccg..... 1
 G1a_5949354_x2.....uaUugcgauCggagacgucgu..... 1
 Gi3_28207558_x2.....gaagagaagcgccgucagggcccAgcc..... 1
 Gi5_8798069_x2.....acacggggugccgaacuU..... 1
 Gi4_557542_x2.....Aggaacacggggugccgaacu..... 1
 G1a_5953670_x2.....cgucaggAcccgccaguacugc..... 1
 Gi3_28224928_x2.....ucgugggaacacggggugccUaac..... 1
 Gi2_10885809_x2.....cUccgccaguacugcgauCggagacgu..... 1
 Gi3_27997362_x2.....cggagacgucgugggaacCcggggugc..... 1
 Gi4_563258_x2.....ugggaacCcggggugccgaacu..... 1
 Gi2_10977551_x2.....agacgucgugggaacacggggugcA..... 1
 Gi2_10880397_x2.....cgauCggagacgucgugggGacacg..... 1
 Gi1_4092969_x2.....acgucgugggaacacggggCgcc..... 1
 Gi2_10902313_x2.....gcgauCggNgacgucgugggaacac..... 1
 G1a_5978624_x2.....cgucaAgccccccaguacugcg..... 1
 Gi3_28001992_x2.....gacgucgugAgaacacggggugccgaacu..... 1
 Gi3_28006104_x2.....agacgucgugggaGcacggggugcc..... 1
 Gi2_10925553_x2.....gagacgucgugggaacac..... 0
 G1a_5895352_x2.....ggUccccccaguacugcgauC..... 1
 Gi2_10900583_x2.....gaucggagacgucgCggga..... 1

Gi2_10945959_x2.....cggagacgucgugggaacGcggggug..... 1
 Gi2_10878435_x2.....acgucgugggGacacggggugccgaac..... 1
 Gi5_8799175_x2.....gaacacgNgugccgaac..... 1
 Gi2_10946765_x2.....aucggagacgucgugggaacaUggggugcc..... 1
 G1a_5889564_x2.....ggaacacgCggugccgaacu..... 1
 Gi1_4151351_x2.....Ggugggaacacggggugcc..... 1
 Gi2_10958021_x2.....gggNacacggggugccgaac..... 1
 Gi2_10870553_x2.....gugggCacacggggugccg..... 1
 Gi3_28190178_x2.....ucaggccccgUcaguacugc..... 1
 Gi2_10888463_x2.....acgAcgugggaacacggggugc..... 1
 Gi2_10987301_x2.....cggagacgucguAggaacac..... 1
 Gi5_8774417_x2.....Uaggccccgcccaguacug..... 1
 G1a_5977458_x2.....gaacacggggugccAaac..... 1
 Gi1_4130611_x2.....cgucgugggaGcacggggugcc..... 1
 Gi4_553760_x2.....cgugggaacacggggugccgaacA..... 1
 Gi3_27997400_x2.....cgucgugggaacacggggugcAgaac..... 1
 Gi3_28086572_x2.....gaucggagacgucGgggaacacggg..... 1
 Gi2_10925559_x2.....cgucgugggaacacgggguAc..... 1
 Gi1_4094233_x2.....gucgugggaacacggggGg..... 1
 Gi3_28253102_x2.....cgccgucagggcccAccaguac..... 1
 Gi3_28170888_x2.....cgugggaacUcggggugcc..... 1
 Gi2_10892149_x2.....agacgucgugggaacacggggugcU..... 1
 Gi5_8749499_x2.....gggaacacggggugccUaacu..... 1
 Gi1_4149201_x2.....Gggccccgcccaguacugc..... 1
 Gi2_10835505_x2.....ggagacgucgugggGacacg..... 1
 Gi2_10957883_x2.....acgucgugggaacUcggggugcc..... 1
 Gi1_4111257_x2.....caggccccgcccaguacugcgaucggag..... 0
 Gi2_10901911_x2.....gaagcgccNucaggcccc..... 1
 Gi3_27998142_x2.....gaucggUgacgucgugggaacacggg..... 1
 Gi3_28125632_x2.....gaucggagacgucgugUgaacacgggg..... 1
 Gi3_28105546_x2.....ucgugggaacacggggugccgG..... 1
 Gi2_10832287_x2.....agaagcgccgucagggccccgcca..... 0
 Gi1_4102091_x2.....acugcgGucggagacgucg..... 1
 Gi3_28017260_x2.....Gcgugggaacacggggug..... 1
 Gi2_10953413_x2.....gauUggagacgucgugggaacacggg..... 1
 Gi3_28156598_x2.....cgccaguacuAcgaucgggagac..... 1
 G1a_5918406_x2.....Ggccaguacugcgaucgggagacguc..... 1
 Gi2_10855667_x2.....ucaggccccgcccaguacugcgauUgga..... 1
 Gi3_28017334_x2.....aggccccgcccaguGcugcgauccggagac..... 1
 Gi3_28045830_x2.....aucggagacgucguCggaacacggggugc..... 1
 Gi2_10928323_x2.....aggccAcgccaguacugcgauccgga..... 1
 Gi3_28185294_x2.....gUcugcugugggaacacgg..... 1
 Gi2_10834945_x2.....ugUgaacacggggugccg..... 1
 Gi1_4119527_x2.....gaucggagacgucguAgg..... 1
 Gi3_28058028_x2.....gaacacggggugccgaaU..... 1
 Gi3_28083378_x2.....acgucgugggaacCcggg..... 1
 Gi2_10899175_x2.....gucgugggaacacggggGgccga..... 1

Gi3_28192372_x2.....gaucggagCcgucuggggaacacg..... 1
 Gi3_28227928_x2.....gAcaggccccgccaguacugcgau..... 1
 Gi3_28037126_x2.....cCucaggccccgccaguacug..... 1
 Gi3_28148422_x2.....acgucugNgaacacggggugccg..... 1
 Gi5_8778053_x2.....cgucuggggaacaAggggugccgaacu..... 1
 Gi3_28175938_x2.....gGgaagcgccgucagggccccg..... 1
 Gi4_554044_x2.....gucgugggNacacggggugccgaacu..... 1
 Gi3_28058248_x2.....cggagacgucgugggaaUacggggugcc..... 1
 Gi1_4145523_x2.....gugggaacacgggAugccgaac..... 1
 Gi4_562242_x2.....gGcaguacugcgauccgagacguc..... 1
 Gi3_28192122_x2.....acgucugggCacacggggugccga..... 1
 Gi3_28036890_x2.....ggagacgucgCgggaacacg..... 1
 Gi3_28023464_x2.....Accgccaguacugcgauccgagacguc..... 1
 Gi3_28137584_x2.....gaucggagUcgucuggggaacacgg..... 1
 Gi3_28236800_x2.....agccccgccaguaGugcgau..... 1
 Gi2_10865799_x2.....cagAccccgccaguacugcgau..... 1
 Gi5_8807419_x2.....Cgccccgccaguacugcgau..... 1
 Gi3_27986086_x2.....guacugcgauccgagacguUgug..... 1
 Gi3_28163576_x2.....gacgucuggggaacacggggCgccg..... 1
 Gl1_5973040_x2.....ggagacgucguAggaacacggggugcc..... 1
 Gi3_28112308_x2.....caggccccgccaguacugG..... 1
 Gi5_8779469_x2.....cgucuggggaacacggggugccUaacu..... 1
 Gi2_10935355_x2.....ccgccaguacugcgauAg..... 1
 Gi3_28000514_x2.....ucguggAaacacggggugccg..... 1
 Gi2_10862737_x2.....gagacguUgugggaacacggggug..... 1
 Gi3_28185246_x2.....cgccgucagggccccgccGguac..... 1
 Gi4_561664_x2.....gagaagcgccgucCggcc..... 1
 Gl1_5925322_x2.....ggaacacggAgugccgaacu..... 1
 Gi2_10957593_x2.....gagacgucguggggaacacAgggugc..... 1
 Gi5_8828425_x2.....Uucggagacgucguggggaacacgggu..... 1
 Gi2_10871627_x2.....agaagcgccAucaggcccc..... 1
 Gi2_10928277_x2.....aucggGgacgucgugggaac..... 1
 Gi5_8749843_x2.....auUggagacgucguggggaacacggg..... 1
 Gl1_5955186_x2.....gucaggccNcgccaguacugc..... 1
 Gi3_28014472_x2.....cccgccaguacugcgaAcggagacgu..... 1
 Gi1_4110205_x2.....ccgaauuaNgaagagaagc..... 1
 Gi2_10829885_x2.....ucaggUccccgccaguacugcgau..... 1
 Gi5_8756681_x2.....Uucggagacgucguggggaacacgg..... 1
 Gi1_4143271_x2.....gaucggagacgucgugggGcac..... 1
 Gi3_28063668_x2.....ggaNcacggggugccgaa..... 1
 Gi5_8803683_x2.....ccgucaggNccccgccaguacugcg..... 1
 Gi3_28166178_x2.....agacguAgugggaacacggggugccgaacu..... 1
 Gi3_28194714_x2.....gacgucugggUacacggggugccgaacu..... 1
 Gi2_10906705_x2.....aucggagacgucguggggaacacggggugccgaac..... 0
 Gi1_4143435_x2.....acgucuggggaacacggggCgccg..... 1
 Gi2_10886105_x2.....agacguUgugggaacacggggugcc..... 1
 Gi5_8773599_x2.....cgucuggggaacacggggGgccgaa..... 1

Gi2_10830491_x2.....aUagaagcgccgucagggccccgcca..... 1
 Gi5_8738491_x2.....acgucgugggaacacggggCgccgaac..... 1
 Gi3_28198862_x2.....gacgucgugggaacacggggGgc..... 1
 Gi3_28199108_x2.....guacugcgauccggagGcguc..... 1
 Gi3_28227286_x2.....gaucggagNcgucgugggaacacgg..... 1
 Gi1_4135015_x2.....guAggaacacggggugcc..... 1
 Gi2_10894127_x2.....ucaggccccgccaAuacugcgauc..... 1
 Gi2_10917741_x2.....caggccccgcccagucCgcg..... 1
 Gi1a_5880660_x2.....cgugggaGcacggggugcc..... 1
 Gi3_28163290_x2.....Cacgucgugggaacacggggg..... 1
 Gi1_4151537_x2.....gugggaacCcggggugccgaacuu..... 1
 Gi2_10906703_x2.....caggccccgcccagCacug..... 1
 Gi3_28196202_x2.....Uucggagacgucgugggaacac..... 1
 Gi3_28164390_x2.....Nugggaacacggggugcc..... 1
 Gi2_10866315_x2.....ccccgccaguacugcgCucggagac..... 1
 Gi5_8766979_x2.....cacggggugccAaacuuu..... 1
 Gi2_10944383_x2.....cgucguAggaacacggggugccga..... 1
 Gi3_28250844_x2.....aucggagacgucgugUgaacacgggg..... 1
 Gi1a_5914574_x2.....aGcggagacgucgugggaacacg..... 1
 Gi1_4130177_x2.....Uagacgucgugggaacacggggugccga..... 1
 Gi3_28128774_x2.....ucaggccccgcccGuaucugcgauc..... 1
 Gi2_10854781_x2.....cAccgucagggccccgcccaguc..... 1
 Gi2_10947361_x2.....ggagacgucgAggggaacac..... 1
 Gi2_10908759_x2.....ggaacacggggugccgaaU..... 1
 Gi5_8760087_x2.....aucggagacgucgCgggaacacgggg..... 1
 Gi1_4139977_x2.....cgugggaacacggggugAcgaacu..... 1
 Gi5_8821309_x2.....gacgaggagacgucgugggaacCc..... 1
 Gi5_8723953_x2.....caggccccgcccagucugcgCuc..... 1
 Gi3_28031916_x2.....cgugggaaAacggggugc..... 1
 Gi5_8746837_x2.....Ggucgugggaacacggggugccga..... 1
 Gi1_4103031_x2.....aguacugcgauccggagacgucg..... 0
 Gi2_10885567_x2.....cggagacgucgugggaGcacgggg..... 1
 Gi3_27994862_x2.....agcgccgucagggccccCccaguc..... 1
 Gi3_27989910_x2.....ggccccgccCguacugcgauc..... 1
 Gi2_10917347_x2.....cgccagucugcAaucgg..... 1
 Gi3_28232096_x2.....gccgucagggccccgcccagucCc..... 1
 Gi5_8736693_x2.....cgucgugggaacacggggGgccgaacuu..... 1
 Gi5_8766741_x2.....ucAuggggaacacggggugccgaac..... 1
 Gi3_28245058_x2.....cguuccgaaauaggaagagaagcgcc..... 0
 Gi2_10909247_x2.....caggccccgcccaguaUugc..... 1
 Gi3_28116068_x2.....ucguuccgaaauaggaaga..... 0
 Gi3_28011674_x2.....cAcgccagucugcgauccgg..... 1
 Gi2_10907257_x2.....cgccGguacugcgauccggagacguc..... 1
 Gi3_28173930_x2.....Ugccagucugcgauccggaga..... 1
 Gi1_4110939_x2.....gugggaacacggggugccgaGcuu..... 1
 Gi1a_5927302_x2.....ugcgauccggagGcgucgu..... 1
 Gi2_10855739_x2.....aguGcugcgauccggagacgucg..... 1

Gi2_10872953_x2.....gucgugggaaacGcggggugccgaa..... 1
 Gi2_10947599_x2.....caguGcugcgauccgagacguc..... 1
 Gi3_27997404_x2.....Aacgucgugggaaacacggggu..... 1
 Gi3_28212446_x2.....ccUguacugcgauccgagacgucgu..... 1
 Gi2_10836367_x2.....ucggagacgucgugggaaGcacggggugc..... 1
 Gi5_8721341_x2.....gucgugggaaacacgggguAccgaa..... 1
 Gi3_28166032_x2.....gacgucgugggaaacacggggugcGgaacu..... 1
 Gi3_28237126_x2.....uggNaacacggggugccgaa..... 1
 Gi1_4132485_x2.....cgucgugggaaAacggggugcc..... 1
 Gi2_10851597_x2.....Gcccgccaguacugcgauccgagacg..... 1
 Gi2_10990731_x2.....ggagacgucgugggaaacacgggAugcc..... 1
 Gi3_28116012_x2.....auGggagacgucgugggaaacacggg..... 1
 Gi2_28118494_x2.....ccccgccaguacugcgaCcgagacgu..... 1
 Gi2_10844345_x2.....cAgagacgucgugggaaacacggggu..... 1
 Gi5_8756465_x2.....cgAgggaacacggggugcc..... 1
 Gi2_10852223_x2.....gugggaaacacgCggugccgaa..... 1
 Gi3_28038288_x2.....gccaguaUugcgauccgga..... 1
 Gi2_10867815_x2.....acugcgauNggagacgucgu..... 1
 Gi1_4137465_x2.....aUacgucgugggaaacacggggugccg..... 1
 Gi3_28020980_x2.....Gcgccaguacugcgauccgagacgucgug..... 1
 Gi1a_5980830_x2.....gacgucgugggaaacaUggggu..... 1
 Gi3_28084908_x2.....acAgcgauccgagacgucgu..... 1
 Gi3_27989472_x2.....cccNccaguacugcgauccgagac..... 1
 Gi1_4150153_x2.....gaGcacggggugccgaa..... 1
 Gi3_28032566_x2.ccuuaacucgCuccgaa..... 1
 Gi2_10978381_x2.....ccAccaguacugcgauccg..... 1
 Gi1_4151723_x2.....cguggUaacacggggugccgaa..... 1
 Gi2_10944499_x2.....acgAcgugggaaacacggggugccgaa..... 1
 Gi2_10949571_x2.....ccgucaggNcccgccaguacugcgau..... 1
 Gi2_10917219_x2.....aguGcugcgauccgagacgu..... 1
 Gi2_10909273_x2.....gacgucgCgggaaacacggggugcc..... 1
 Gi1_4135599_x2.....acugcgauccgagacgucgCgggaaacacggggu..... 1
 Gi3_28002054_x2.....Uagaagcgccgucagggccccgccaguac..... 1
 Gi2_10885637_x2.....acucguuccgaaauagga..... 0
 Gi3_28055386_x2.....ccccgccaguCugcgau..... 1
 Gi3_28070634_x2.....gggaaacacggggugccgaaU..... 1
 Gi3_28078234_x2.....acugcgauccgagacguA..... 1
 Gi1a_5930478_x2.....uacugcgaNcgagacguc..... 1
 Gi3_28081418_x2.....ccccgccaguacugcgauccgagacA..... 1
 Gi3_28141660_x2.....Agaucggagacgucgugggaaacacggg..... 1
 Gi3_28176660_x2.....aguacugcgauccgagGcugcuggg..... 1
 Gi3_28217294_x2.....aucggagacguUguggga..... 1
 Gi3_28033076_x2.....ucUggccccgccaguacug..... 1
 Gi1_4122181_x2.....gcgacggagacgucgug..... 0
 Gi3_28112914_x2.....gacgucgugggaaacacAgggu..... 1
 Gi3_28076198_x2.....cggagacgucgugggaaacacggggCgccga..... 1
 Gi2_10957045_x2.....gagacgucAuggaaacacggggugccg..... 1

Gi2_10907677_x2.....cggagacgucgugggaGcac..... 1
 Gi4_565838_x2.....gccAUuacugcgauccggagacguc..... 1
 Gi3_28063116_x2.....aagagaagcgUcugcaggccc..... 1
 Gi3_28136648_x2.....ggaacacggggAgccgaa..... 1
 Gi5_8738237_x2.....aGugcgauccggagacguc..... 1
 Gl1a_5980446_x2.....auUggagacgucgugggaacacggggu..... 1
 Gi3_27984628_x2.....acgucgugggaacacggggGgccgaa..... 1
 Gi3_28164260_x2.....cgccgucaggccccgcGgua..... 1
 Gi2_10909235_x2.....aagcgccgucaggccccgcAguacugc..... 1
 Gi3_28116446_x2.....aGgagaagcgccgucaggccccgcca..... 1
 Gi3_28174704_x2.....gUagagaagcgccgucaggccccgc..... 1
 Gi1_4126187_x2.....aucggagacgucGgggaacacggggu..... 1
 Gi3_28177868_x2.....cgauccggagacgucgugAgaacacg..... 1
 Gi2_10837357_x2.....ugggaaAacggggugccgaacu..... 1
 Gi5_8729809_x2.....agaagcgccgucaggccccgcc..... 0
 Gl1a_5956778_x2.....aucggUgacgucgugggaacacggggugc..... 1
 Gi2_10863467_x2.....aucGAgacgucgugggaacacggggugc..... 1
 Gi3_27994086_x2.....aucggagacgucgugggaacacgggCu..... 1
 Gl1a_5905150_x2.....gaagagaagcgccgucGggccc..... 1
 Gi2_10955833_x2.....ucggGgacgucgugggaacacgggg..... 1
 Gi2_10927245_x2.....cgCcgugggaacacggggugccgaa..... 1
 Gl1a_5881074_x2.....Accaguacugcgauccggagacguc..... 1
 Gi3_28088352_x2.....gGcgugggaacacggggugccgaacu..... 1
 Gl1a_5963416_x2.....aguacugcgauccggagacgCc..... 1
 Gi2_10847611_x2.....ucaggccccgccaguacugUg..... 1
 Gi3_28250554_x2.....ugcgauccggagacgucgugggaacacA..... 1
 Gi2_10961895_x2.....ucaggccccgccaguGcugc..... 1
 Gi2_10845541_x2.....cgccaguacugcgUucgg..... 1
 Gi3_28168046_x2.....gaagagaagcAccgucaggcccc..... 1
 Gl1a_5931230_x2.....cgGcaggccccgccaguacugc..... 1
 Gi3_28226482_x2.....gccaguacugcgGucggagacgu..... 1
 Gi1_4095981_x2.....Aucgugggaacacggggugcc..... 1
 Gi3_28170272_x2.....ggagacgucgugggaacacggggAcc..... 1
 Gi3_28023732_x2.....gccaguacuAcgauccggagacguc..... 1
 Gi3_28227174_x2.....ggagacgucAugggaacacg..... 1
 Gi2_10887693_x2.....gacgucAugggaacacggggugccgaacu..... 1
 Gl1a_5962048_x2.....gucaggccccgccGguacu..... 1
 Gi2_10833489_x2.....cgUucggagacgucgugggaacacggggugc..... 1
 Gi3_28232438_x2.....ucggagacgucgugggaGcacgg..... 1
 Gi2_10973183_x2.....Gcccgccaguacugcgauccggaga..... 1
 Gi1_4113099_x2.....agacgucgugggaCcacggggugccgaacu..... 1
 Gi2_10841517_x2.....Aaucggagacgucgugggaacacg..... 1
 Gi5_8755265_x2.....acgucgugggaacacggggugccgaCcu..... 1
 Gl1a_5901334_x2.....aagagaGcgccgucaggccc..... 1
 Gi2_10896905_x2.....gaaacacggggUcccgaacu..... 1
 Gi3_28154800_x2.....gaucggagacgucGgggaacacggggu..... 1
 Gi1_4139789_x2.....ugggaCcacggggugccgaac..... 1

Gi1_4121829_x2.....ugcgaucgNagacgucgugggga..... 1
 Gi3_28181102_x2.....Cgagacgucgugggaaacacg..... 1
 Gi3_28088318_x2.....cccgccaguacugcgaucggagUcg..... 1
 Gi1_4100937_x2.....ucgCgggaacacggggugccga..... 1
 Gi3_28253276_x2.....gucaggccccgcUaguacugc..... 1
 Gi3_28200802_x2.....aucggagacgucgugggaaacaAggg..... 1
 Gi3_28196116_x2.....gaagagaagcgccgucaAgccccgc..... 1
 G1a_5888646_x2.....ggccccgccaguGcugcgau..... 1
 Gi5_8733875_x2.....gugggaaUacggggugcc..... 1
 Gi3_28206988_x2.....Gcgucgugggaaacacggggugccga..... 1
 Gi3_28187226_x2.....caggccccgccaguacugAgauc..... 1
 Gi3_28192218_x2.....ucUgagacgucgugggaaacacg..... 1
 Gi2_10866571_x2.....agcgcUgucagggccccgccaguacugc..... 1
 Gi1_4094797_x2.....caggccccgccaguacugcAauc..... 1
 Gi2_10957685_x2.....cgccaguacugcgauccgCga..... 1
 Gi2_10939763_x2.....cccgccagCacugcgauccg..... 1
 Gi3_28260336_x2.....gaucggagacguUgugggaaacacggg..... 1
 Gi3_28089086_x2.....cgccaguacuAcgaucggagacg..... 1
 Gi3_28129382_x2.....cgugggaaacacggggugcAga..... 1
 Gi3_28048240_x2.....gucaggccNcgccaguacugcgauccg..... 1
 Gi3_27992198_x2.....gaagcgccgucCggccccgc..... 1
 Gi2_10939365_x2.....ucggagacgucgugggaaacacggg..... 0
 Gi3_28179426_x2.....acGcgcaucggagacgucgug..... 1
 G1a_5972376_x2.....aucAgagacgucgugggaaacacggg..... 1
 Gi5_8787401_x2.....aucggagacgucgugggaaacGcg..... 1
 Gi2_10911607_x2.....aucggagacgucgugggaaUcacggggugcc..... 1
 Gi2_10892997_x2.....gagaagcgccgucagggcccUgccag..... 1
 Gi2_10874835_x2.....gucaCgccccgccaguacug..... 1
 Gi3_28098124_x2.....ggaacacCgggugccgaac..... 1
 Gi2_10949501_x2.....gagaagcAccgucagggccccgcag..... 1
 Gi1_4118011_x2.....agacgucgNgggaacacggg..... 1
 Gi1_4128643_x2.....acgucgugggaaacacggggugccgaUu..... 1
 Gi2_10885225_x2.....caguacugcgauccgagGcguc..... 1
 Gi2_10876763_x2.....acgucgugggaaacUcggggugccgaacu..... 1
 Gi2_10941151_x2.....cUcgccaguacugcgauccgag..... 1
 Gi1_4131815_x2.....acugcgauNggagacgucgugggga..... 1
 Gi3_28060980_x2.....gCccccgccaguacugcgau..... 1
 Gi2_10955355_x2.....ugggaaacacggUgugccgaacu..... 1
 G1a_5896474_x2.....gaagagaGcgccgucag..... 1
 G1a_5941512_x2.....auUggagacgucgugggaaacacggggugcc..... 1
 Gi5_8806967_x2.....aagagaagNgccgucagggccc..... 1
 Gi1_4153155_x2.....agacgucgugggaaacGcggggugccgaacu..... 1
 Gi3_28157692_x2.....Gggagacgucgugggaaacacggggugc..... 1
 Gi3_28112610_x2.....gccaguacugcgauccgagacgC..... 1
 G1a_5940640_x2.....Uaagagaagcgccgucagggccccgcagu..... 1
 Gi2_10968351_x2.....ucgugAgaacacggggugccg..... 1
 Gi3_28090342_x2.....gacgucgugggaaacacgggAu..... 1

Gi3_28066582_x2.....Agagacgucgugggaaca..... 1
 Gi2_10874763_x2.....agacgucgugggaCcacggggugccgaacu..... 1
 Gi2_10893899_x2.....acguUgugggaacacggggugc..... 1
 Gi3_28249076_x2.....cgucgugggaacacggggugcUga..... 1
 Gi1_4093765_x2.....aucgUagacgucgugggaacacgg..... 1
 Gi4_566418_x2.....aacacggggugccgaacA..... 1
 Gi2_10970517_x2.....acucguuccgaauuaggaa..... 0
 Gi5_8824539_x2.....Uaggccccgccaguacugcgauc..... 1
 Gi3_28169172_x2.....gCagacgucgugggaacacg..... 1
 Gi2_10877683_x2.....Accccgccaguacugcgau..... 1
 Gi3_28007696_x2.....cgccgucGggccccgccaguacugc..... 1
 Gi1_4142555_x2.....acgucgugggaacacgUggugcc..... 1
 Gi3_28255052_x2.....agacgucAugggaacacggggugcc..... 1
 Gi5_8801603_x2.....aucggagacgucgugggaacCcg..... 1
 Gi2_10962533_x2.....gagacgucgugggGacacggggugcc..... 1
 Gi1_4137399_x2.....gugggaacacggggugccgaacuC..... 1
 Gi1_4156415_x2.....aucggagacgucgugggaacacAg..... 1
 Gi5_8768611_x2.....gugggaacNcggggugccgaacuu..... 1
 Gi3_28252454_x2.....gaagagaagcgccgucUggccc..... 1
 Gi2_10892095_x2.....acgucgugggaacacggAgugccgaac..... 1
 Gi2_10938713_x2.....cgucgugggaacacggggGgccgaac..... 1
 Gi2_10905561_x2.....gaagagaagcgccgucagAccccgcc..... 1
 Gi3_28098158_x2.....cggagacgucgucUggaacacggggug..... 1
 Gi1_4156041_x2.....Ucugcgauccggagacgucg..... 1
 Gi3_28104324_x2.....gaagagaaNcgccgucagggc..... 1
 Gi3_28040336_x2.....Ucccgccaguacugcgauc..... 1
 Gi3_28087522_x2.....aucggagacgucguggAaacacgggg..... 1
 Gi2_10906691_x2.....Cgacgucgugggaacacggggugcc..... 1
 Gi5_8825989_x2.....cgCgggaacacggggugc..... 1
 Gi2_10891047_x2.....agaagcgccgucagggcUc..... 1
 Gl1_5958422_x2.....gcgccgucagggccccgccCguacugc..... 1
 Gi3_28113504_x2.....aGgagaagcgccgucagggc..... 1
 Gi3_28191634_x2.....cgccaguacugcgauccggagGcgu..... 1
 Gi1_4099335_x2.....uGugggaacacggggugccga..... 1
 Gi3_28091158_x2.....gaucggagacgucgugggaacacggC..... 1
 Gi3_28109778_x2.....ggagacgucgugggaacacggggugAc..... 1
 Gi3_28061770_x2.....gccaguacugcAaucggagacguc..... 1
 Gi2_10858545_x2.....gCgaacacggggugccga..... 1
 Gi3_28033148_x2.....cgccaguacugcgGucggagacgu..... 1
 Gi3_28186738_x2.....gucgugggaacacgCggugccgaac..... 1
 Gi2_10842069_x2.....ugggaacacggggugccgaacuC..... 1
 Gi2_10955225_x2.....cgCcgugggaacacggggug..... 1
 Gi3_28039224_x2.....cgccgCcaggccccgccaguac..... 1
 Gi3_28188822_x2.....cGccgccaguacugcgauccggag..... 1
 Gi1_4138305_x2.....aucggagacgucgugggaacacggggCgcc..... 1
 Gi3_28116192_x2.....cgccgucagggccccgccguaUugc..... 1
 Gi3_28170996_x2.....cccgccaguacugcgauccggagGc..... 1

Gi2_10834397_x2.....ccaguacuNcgauccgagacguc..... 1
 Gi5_8782699_x2.....cgucgugggaaacacggggAgccgaac..... 1
 G1a_5913130_x2.....gacgucgCgggaacacggggugccgaacu..... 1
 Gi2_10917105_x2.....cgugggaacacgggUugc..... 1
 Gi3_27994660_x2.....gucgugggaaacCcggggugccg..... 1
 Gi2_10854111_x2.....gacgucgugggaaacacgggguAc..... 1
 Gi3_28061692_x2.....gacgucgugggaaacacggggugccgaCcu..... 1
 Gi1_4123177_x2.....cgAcgugggaaacacggggugcc..... 1
 Gi2_10967435_x2.....aucggaUacgucgugggaaacacggggugc..... 1
 Gi3_28107200_x2.....caggccccgccagAacugc..... 1
 Gi4_566686_x2.....gaucggagacgucgugggaaacacggggu..... 0
 Gi5_8723193_x2.....gugggaacacggggCgccgaa..... 1
 Gi5_8806877_x2.....caguacugNgaucggagacguc..... 1
 G1a_5903870_x2.....gugggaacacggggugccgC..... 1
 Gi5_8769055_x2.....agacgucgugggaaacacggggCgccgaac..... 1
 Gi3_27998452_x2.....caguacugcgaucaAgagacgu..... 1
 G1a_5911902_x2.....gaacacgggAugccgaacu..... 1
 Gi2_10947617_x2.....agUccccgccaguacugcgauccg..... 1
 Gi3_28217356_x2.....gUgacgucgugggaaacacggggugccgaac..... 1
 Gi3_28201490_x2.....caguacugNgaucggagacgucgu..... 1
 Gi3_28009914_x2.....caggccccccaAuacugcga..... 1
 Gi3_28176196_x2.....ggccccgccaguacugcAauc..... 1
 Gi2_10958287_x2.....Uggagacgucgugggaaacacggggugc..... 1
 Gi1_4154463_x2.....ugggaacacgggUugccgaac..... 1
 Gi3_28101734_x2.....acgucgugggaaacacggggugAcgaacu..... 1
 Gi2_10944429_x2.....gccaguacugcgGucggagacgucgug..... 1
 Gi1_4136947_x2.....gucgugggaaacacggggugccgaac..... 1
 Gi3_28057744_x2.....ccaguacugcgGucggagacguc..... 1
 Gi1_4147951_x2.....gugggaacacggggCgccgaacu..... 1
 Gi5_8820373_x2.....cgAgggaaacacggggugc..... 1
 Gi2_10952117_x2.....cgccaguacugAgaucggagacguc..... 1
 Gi3_28208734_x2.....ucUugggaacacggggugccga..... 1
 Gi1_4153833_x2.....gacgucguggCaacacggggugccgaac..... 1
 Gi1_4133395_x2.....aucggagacgucgugggGacacgggu..... 1
 Gi2_10870841_x2.....gggagacgucgugggaaacacggggCg..... 1
 Gi1_4112891_x2.....caggccccgAcaguacugc..... 1
 Gi3_28254762_x2.....aggccccgccaguacugUgaucgga..... 1
 Gi3_28184422_x2.....aucggagacgAcgugggaaacac..... 1
 G1a_5885004_x2.....agUccccgccaguacugcg..... 1
 Gi3_28068030_x2.....ucaggccccgccaguacugAgauc..... 1
 Gi3_28205208_x2.....cgauccggagacgucguggAaacacg..... 1
 Gi5_8737109_x2.....cgucgugggaaacacggggGgccgaac..... 1
 Gi3_28083856_x2.....cgCaggccccgccaguacugcgauccgga..... 1
 Gi2_10931727_x2.....cggagacgucgugggGacacgggugc..... 1
 Gi2_10945793_x2.....uGaggccccgccaguacug..... 1
 Gi2_10971517_x2.....cggagacgCcgugggaaacacggggugc..... 1
 Gi1_4150511_x2.....aucggagacgucgugggaaacacgggg..... 1

Gi3_28154236_x2.....aggcccAgccaguacugcg..... 1
 Gi2_10841959_x2.....gucguCggaacacggggugccgaacu..... 1
 Gl1a_5928784_x2.....guggCaacacggggugccgaacu..... 1
 Gi5_8776849_x2.....gacgucgugggaaacacgggggUaccgaacu..... 1
 Gi3_28036598_x2.....gugggaacacggggugGcg..... 1
 Gl1a_5910074_x2.....guAggaacacggggugccgaa..... 1
 Gi2_10929403_x2.....gccguAaggccccgccaguacugcg..... 1
 Gi2_10963519_x2.....cgggagacgucgugggaacacggggG..... 1
 Gi5_8766015_x2.....aucggagacgucgugggUacacg..... 1
 Gi3_28090846_x2.....ccgccaguNcugcgaucgggagacguc..... 1
 Gi3_28088212_x2.....ccaAuacugcgaucgggagacguc..... 1
 Gi2_10922073_x2.....acugcgaucgggagacguc..... 0
 Gi1_4132403_x2.....ucgugggaacacggggGgc..... 1
 Gi1_4138045_x2.....agaagcgccgucaggccc..... 0
 Gi5_8744945_x2.....aggccccgccaguacugcgau..... 0
 Gi3_28225626_x2.....gaagagaagcgccgCcaggccc..... 1
 Gi3_28162188_x2.....gcgaucgggagacgCcguggga..... 1
 Gi3_28048906_x2.....gaagcgccNucaggccccgccaguac..... 1
 Gi5_8798933_x2.....acgucgugggGacacggggugcc..... 1
 Gi2_10937811_x2.....ucgggagacgucgugggaacacAggggugc..... 1
 Gi3_28187808_x2.....cgucgCgggaacacggggugc..... 1
 Gi3_28222854_x2.....uggUaacacggggugccgaa..... 1
 Gi3_28002326_x2.....acgAcgugggaacacggggugccgaac..... 1
 Gi3_28141584_x2.....gcgccgucagggccccgccCguacugcg..... 1
 Gi3_28142548_x2.....cgugAgaacacggggugccgaa..... 1
 Gi5_8781389_x2.....agacgucgugggaacacggggG..... 1
 Gi2_10980797_x2.....ucgggagacgucgugggaacGcggggugcc..... 1
 Gi2_10872431_x2.....gucgugggaCcacggggugcc..... 1
 Gi3_28178398_x2.....cccgccaguacugcgaucggCgacg..... 1
 Gi3_28039218_x2.....agacgucgugggaGcacggggugccgaacu..... 1
 Gi1_4090011_x2.....aGcgggagacgucgugggaac..... 1
 Gl1a_5892180_x2.....gucaggcUccgccaguacugcg..... 1
 Gi3_28140592_x2.....Ucaguacugcgaucgggagacguc..... 1
 Gi2_10899051_x2.....cccgccaguacugcgGucggaga..... 1
 Gi2_10851075_x2.....acgucguggUaacacggggugcc..... 1
 Gi1_4153617_x2.....Uucgugggaacacggggugccgaacu..... 1
 Gi2_10837923_x2.....aucggagaAgucgugggaaca..... 1
 Gi2_10983475_x2.....cgaucgggagacgucguAggaacacggg..... 1
 Gi1_4137241_x2.....cgugUgaacacggggugccga..... 1
 Gl1a_5925776_x2.....gGgacgucgugggaacacg..... 1
 Gi2_10883139_x2.....gggagacgucgCgggaacacggggugcc..... 1
 Gi3_28100228_x2.....gucgugggaacacggggugGcgaacu..... 1
 Gi1_4138747_x2.....gccaguacugcgaucggagCcg..... 1
 Gl1a_5944926_x2.....gcgaucggGgacgucgug..... 1
 Gi2_10852581_x2.....Uaagagaagcgccgucagggccccgccag..... 1
 Gi1_4098391_x2.....gugggaacacggggUaccgaac..... 1
 Gi5_8807159_x2.....gugggaaAacggggugccga..... 1

Gi5_8817199_x2.....ucguuccgaauuaggaagagaagc.....	0
Gi1_4156527_x2.....acgucgugggaaacacggggugccUaacu.....	1
Gi3_28185116_x2.....ucgGgggaacacggggugccga.....	1
Gi4_554592_x2.....gccagucugcgGucggagacguc.....	1
Gi2_10845017_x2.....cgucaggccccAccaguacugc.....	1
Gi2_10869163_x2.....aucggagacgucgugggaaUcacg.....	1
Gi3_28128300_x2.....cgucgugggaaUcacggggugccg.....	1
Gi5_8799679_x2.....cgugAgaacacggggugcc.....	1
Gi3_28237846_x2.....acgucgugggaaacacggggugccgaCc.....	1
Gi3_28092876_x2.....gUagagaagcgccgucagggccc.....	1
Gi2_10933779_x2.....agagaagcgccgucagggccccgccaguacugcg.....	0
Gi3_28105004_x2.....caggccccgccaguaGugcg.....	1
Gi3_27992316_x2.....cUgccaguacugcgauccggagacgucgug.....	1
Gi3_28155596_x2.....cgccaguacugcgauccAgaga.....	1
Gi2_10842845_x2.....aguacugcgUucggagacgucg.....	1
Gi2_10951857_x2.....gaucggagacgucgugggaaacacggggCg.....	1
Gi5_8784759_x2.....gggaacacggggugccgCa.....	1
Gi2_10878419_x2.....aggccccgccaguaacuAcga.....	1
Gi3_28230738_x2.....cgucgugggaaacacggggGg.....	1
Gi2_10944583_x2.....cgugggaaUacggggugcc.....	1
Gi1a_5877092_x2.....gugggaacNcggggugccga.....	1
Gi3_28160886_x2.....cgggagacgucgugggGacacggggugcc.....	1
Gi3_28122678_x2.....ucaggccccNgccaguacugcgauccgga.....	1
Gi3_28136534_x2.....cgcUaguacugcgauccggagacgucgug.....	1
Gi3_28178500_x2.....acgucgugggaaacacgggAugccgaacu.....	1
Gi2_10897277_x2.....Ugacgucgugggaaacacggggug.....	1
Gi1a_5939628_x2.....gggaacCcggggugccgaacu.....	1
Gi3_28097152_x2.....agaagcgccgucagggUcc.....	1
Gi5_8754799_x2.....aUacgucgugggaaacacggggugccga.....	1
Gi3_28062886_x2.....gucaggccccgccagCacug.....	1
Gi5_8757061_x2.....cgucgugggaaacacggggugccgCa.....	1
Gi2_10920211_x2.....Uagacgucgugggaaacacggggugccga.....	1
Gi2_10888537_x2.....aguacCgcgaucggagacgucg.....	1
Gi1_4110889_x2.....acugcgaucggGgacguc.....	1
Gi5_8719549_x2.....acgucgugggaaacacggggCgccga.....	1
Gi1a_5975334_x2.....cUaucggagacgucgugggaaacacggggugc.....	1
Gi1a_5882408_x2.....Ggccaguacugcgauccggagacguc.....	1
Gi3_28062970_x2.....uGcucggaucggagacgu.....	1
Gi2_10992217_x2.....aucggagacgucgAgggaaacacggggugc.....	1
Gi3_28100298_x2.....acGcggggugccgaacu.....	1
Gi3_28130048_x2.....gucgugggaaacacgAggugcc.....	1
Gi1_4093343_x2.....caguacugcgauccggagacgucgug.....	0
Gi3_28186732_x2.....cgccaAuaucggaucggagacg.....	1
Gi3_28047534_x2.....Nugggaacacggggugccgaa.....	1
Gi3_28251820_x2.....aGgucgugggaaacacggggugc.....	1
Gi3_28185024_x2.....cgucgugggaaacacggggugccgCa.....	1
Gi5_8826759_x2.....uacugcgaNcgggagacgu.....	1

Gi2_10931209_x2.....gaucggagacgucgugggUacacggggu..... 1
 Gi5_8800503_x2.....agacgucgugggaacacAgggugc..... 1
 Gi3_28168720_x2.....agagaagcgccgcucaggUcccgc..... 1
 Gi2_10940639_x2.....cgucCggccccgccaguacugc..... 1
 Gi2_10967735_x2.....Gaguacugcgauccgagacgucgu..... 1
 Gi5_8737313_x2.....cgGgggaacacggggugcc..... 1
 Gi1_4153651_x2.....gggaacGcggggugccgaacu..... 1
 Gi5_8812751_x2.....ucgugggaacacggggugccgaUcu..... 1
 Gi2_10839165_x2.....Gagcgccgucagggccccgccaguacu..... 1
 Gi3_28069644_x2.....ucgugggaacacggggguAc..... 1
 Gi3_28122554_x2.....acgucgugggaacaAggggugccgaacu..... 1
 Gi3_28209830_x2.....auGggagacgucgugggaacacggggu..... 1
 Gi3_28045496_x2.....ggagacgucgugggaacacgggAugccg..... 1
 Gi2_10845317_x2.....caguacugNgauccggagacgucgu..... 1
 Gi2_10932225_x2.....gUgaagcgccgucagggccccgcc..... 1
 Gi2_10886115_x2.....gaucggagacgucguAggaacacggggu..... 1
 Gi4_565280_x2.....aguacugcgauccggagacgucgu..... 0
 Gi3_28230044_x2.....acgucgugggaacacggggguAccgaac..... 1
 Gi3_28130890_x2.....gaagagCagcgccgucagggccc..... 1
 Gl1_5964494_x2.....Cacacggggugccgaacu..... 1
 Gi1_4147283_x2.....Agucgugggaacacggggugccgaacu..... 1
 Gi5_8808635_x2.....cgugggaanacggggugccg..... 1
 Gi2_10967795_x2.....aucggagacgucguggCaacacggggu..... 1
 Gl1_5906952_x2.....gCcaggccccgccaguacugc..... 1
 Gi2_10902565_x2.....agGcgucgugggaacacggggugccg..... 1
 Gl1_5972652_x2.....cgauccggagacgucgugggaacacggggGgc..... 1
 Gi3_28082188_x2.....gacgGcgugggaacacggggugccgaacu..... 1
 Gi3_28069320_x2.....cgccgucaNgccccgccag..... 1
 Gi3_28048580_x2.....gGgaucggagacgucgugggaacac..... 1
 Gi2_10896975_x2.....gucgugggaCcaccggggugccgaacu..... 1
 Gi5_8820775_x2.....aacacggggugccgGacuuu..... 1
 Gi2_10941265_x2.....cgucgugggaacCcgggg..... 1
 Gi5_8805737_x2.....acgucgugggaacacggggGgcc..... 1
 Gi2_10947027_x2.....cgugggaacacggggugcAg..... 1
 Gi1_4135163_x2.....ugUgaacacggggugccg..... 1
 Gi3_28221514_x2.....gagaaAcgcccgucagggccc..... 1
 Gi2_10885335_x2.....cgccaguGcugcgauccggagacg..... 1
 Gi5_8778131_x2.....cGguacugcgauccggagacguc..... 1
 Gi3_28008888_x2.....acugcgauccggaUacgucgug..... 1
 Gi3_28066518_x2.....aguacugcgauccggagacgucAug..... 1
 Gi3_27986462_x2.....ggccccgccaguUcugcgau..... 1
 Gi2_10835083_x2.....cgugggaacUcggggugccgaac..... 1
 Gi2_10986393_x2.....agacgucgCgggaacacggggugc..... 1
 Gi3_28080450_x2.....cugcgauccggagacgucgugggaacacggggugc..... 0
 Gi2_10955077_x2.....Cggaacacggggugccga..... 1
 Gi3_28025000_x2.....ucggagGcgucgugggaacacg..... 1
 Gi3_28030806_x2.....ucgugggaacacgggAugc..... 1

Gi1_4135067_x2.....gucgugggaaacacggggugccgaCc..... 1
 Gi2_10988447_x2.....acAucgugggaaacacggggugccgaac..... 1
 Gi2_10845795_x2.....ucggagacgucgugggaaacacggggugccgaac..... 0
 Gi2_10869059_x2.....cgUagacgucgugggaaacacggggg..... 1
 Gi5_8783807_x2.....Ucgccgucagggcccgcagucg..... 1
 Gi5_8761063_x2.....cgugggaaacacggggugccgG..... 1
 Gi2_10953385_x2.....gccaguacNgcgaucggaga..... 1
 Gi3_28010300_x2.....Ucgccaguacugcgauccg..... 1
 Gi2_10870583_x2.....gacgucgugggaaacUggggugccg..... 1
 Gi3_28222754_x2.....aucggagacgAcgugggaaacacgggg..... 1
 Gi5_8738427_x2.....caggccccgccaguacugcgaAc..... 1
 Gi3_28175384_x2.....aguacugcgGucggagacg..... 1
 Gi2_10876357_x2.....ccgucagggcccgcagCacugcg..... 1
 Gi2_10830753_x2.....gggaacacggggugccgaU..... 1
 Gi5_8797835_x2.....gUucggagacgucgugggaaacacg..... 1
 Gi5_8720003_x2.....gcUccgccaguacugcgauccg..... 1
 Gi2_10916803_x2.....aucggagacgucguAggaacacggggugcc..... 1
 Gi3_28185148_x2.....caggccccgcagAacugcg..... 1
 Gi3_28114444_x2.....aagcgccgucagggcccAccaguacugc..... 1
 Gi2_10856693_x2.....ugggaacacggggugcGgaac..... 1
 Gi1_4108217_x2.....gugggaacacggggCgccgaac..... 1
 Gi3_28187154_x2.....gccaguacugcgauccgagacguA..... 1
 Gi2_10863839_x2.....aguacugcgaCcgagacguc..... 1
 Gi2_10875665_x2.....gaucggagacgucgugggaaUac..... 1
 Gi2_10891681_x2.....ucNugggaacacggggugccgaacu..... 1
 Gi2_10932761_x2.....aUgaagagaagcgccguc..... 1
 Gi5_8812551_x2.....gugggaacGcggggugcc..... 1
 Gi2_10883079_x2.....aucgCagacgucgugggaaacacggggugc..... 1
 Gi1_4099943_x2.....aacGcggggugccgaacu..... 1
 Gi2_10838167_x2.....Gucggagacgucgugggaaacacggggugccg..... 1
 Gi2_10956119_x2.....cgucgugggaaacacggggugcAgaacu..... 1
 Gi2_10977923_x2.....gagaagcAccgucagggcccgc..... 1
 Gi4_563200_x2.....gUgaagcgccgucagggc..... 1
 Gi2_10932363_x2.....gGagcgccgucagggcccgcagucg..... 1
 Gi3_28146932_x2.....caggccccccaAuacugcgau..... 1
 Gi5_8733227_x2.....Aagacgucgugggaaacacggggugccgaacu..... 1
 Gi1_4098975_x2.....ggaacacgggAugccgaacu..... 1
 Gi3_28211198_x2.....cAaucggagacgucgugggaaacacg..... 1
 Gl1a_5952398_x2.....ugggaacacggggugccga..... 0
 Gi5_8751665_x2.....ugggaacacggggugccgaC..... 1
 Gi3_28103084_x2.....ucagCccccgccaguacugcgau..... 1
 Gi3_28050880_x2.....agaagcgccgucGggccccgc..... 1
 Gi3_28088406_x2.....aucggagGcgucgugggaaacacggggugc..... 1
 Gl1a_5887632_x2.....guacugcgauCagagacguc..... 1
 Gl1a_5913040_x2.....aacucguuccgaauaCgaaga..... 1
 Gi3_28127888_x2.....cccgccaguacugcgauccgC..... 1
 Gi3_28096076_x2.....acgucgugggaaacGcggggugcc..... 1

Gi2_10931665_x2.....aucggagacgucgugggUacac..... 1
 Gi2_10940087_x2.....ccgccaguacugcgauccggaA..... 1
 G1a_5973564_x2.....gucgugggaaacacggggGcgcgaac..... 1
 Gi5_8737365_x2.....gucgugggGacacggggugc..... 1
 Gi3_28084214_x2.....agggcccgUcaguacugcg..... 1
 Gi2_10835597_x2.....cAugggaacacggggugccga..... 1
 Gi3_28198580_x2.....ccgccGguacugcgauccg..... 1
 Gi1_4146693_x2.....Aucgugggaaacacggggug..... 1
 Gi3_28240100_x2.....gaagagaagcgccgucaAgccc..... 1
 Gi2_10836351_x2.....cgucaggcccUgccaguacugc..... 1
 Gi1_4133543_x2.....gggaUcacggggugccgaacu..... 1
 Gi2_10959801_x2.....ugcgauccggagacgucgugggaaAa..... 1
 Gi5_8805019_x2.....gaacacgAggugccgaac..... 1
 Gi3_28055686_x2.....caggccccgcAaguacugcga..... 1
 Gi3_28211722_x2.....aCaagcgccgucagggccccgcc..... 1
 Gi3_28147556_x2.....acgucgCgggaacacggggugcc..... 1
 Gi2_10907137_x2.....aucggagacgucgugggaaacacgggCu..... 1
 Gi3_28218064_x2.....uUgugggaaacacggggugccg..... 1
 Gi1_4091283_x2.....cAucgugggaaacacggggugcc..... 1
 Gi3_28154324_x2.....agcAccgucagggccccgcc..... 1
 Gi2_10958821_x2.....gGagcgccgucagggccccgccagua..... 1
 Gi3_28210898_x2.....aaUagaagcgccgucagggccc..... 1
 Gi3_28130842_x2.....Ccgauccggagacgucgugggaaacacggggugcc..... 1
 Gi3_28166570_x2.....gucaggGcccgccaguacugc..... 1
 Gi2_10877347_x2.....cgucgugggaGcacggggug..... 1
 Gi5_8777025_x2.....cgucgugggaaacacgUggugccgaacu..... 1
 Gi2_10969225_x2.....aUgaagagaagcgccgucagggccc..... 1
 Gi2_10884875_x2.....gGaaagcgccgucagggccccgccaguac..... 1
 Gi3_28024354_x2.....gggaacaAggggugccgaa..... 1
 Gi3_28129812_x2.....Aaagagaagcgccgucagggccc..... 1
 Gi3_28220512_x2.....agggccccccaguacugcgauccgG..... 1
 Gi5_8725591_x2.....cgucgugggUacacggggugccgaacu..... 1
 Gi2_10885749_x2.....ccgucagggccccgccUguacugc..... 1
 Gi2_10865903_x2.....agaagcgccgCcagggccc..... 1
 Gi4_566598_x2.....Aagaagcgccgucagggcc..... 1
 Gi3_28211584_x2.....gucAugggaacacggggug..... 1
 Gi3_27986824_x2.....gucaAgccccgccaguacug..... 1
 Gi1_4111531_x2.....ccccccaguacugcgau..... 0
 Gi2_10959167_x2.....cgccaguacugcgauccgGcagcuc..... 1
 Gi5_8772133_x2.....acgucgugggUacacggggugccgaacu..... 1
 G1a_5878222_x2.....Cgagacgucgugggaaaca..... 1
 Gi5_8719597_x2.....acgucgugggaaacacggggGcgg..... 1
 Gi3_28158750_x2.....ggccccgcNaguacugcgauccgga..... 1
 Gi2_10836033_x2.....ugcgauccggagacgucgugggG..... 1
 Gi1_4117121_x2.....gaucggagacgucgugggaaacaAggg..... 1
 Gi2_10874385_x2.....caggccUgccaguacugc..... 1
 Gi3_28197746_x2.....cgauGggagacgucgugggaaacacg..... 1

Gi2_10869051_x2.....Uccgccaguacugcgauccggag..... 1
 Gi2_10910245_x2.....uUaggccccgccaguacug..... 1
 Gl1a_5908766_x2.....aucggagacgucguggggaGcacggggg..... 1
 Gi2_10949177_x2.....acgucguggggaacaUggggugccgaacu..... 1
 Gi3_28026182_x2.....aguacugcgauccggagacA..... 1
 Gi3_28127256_x2.....ucaggccccgccGguacugcg..... 1
 Gi1_4139537_x2.....cUucguggggaacacggggugccgaac..... 1
 Gi2_10968809_x2.....gugggaUcacggggugccg..... 1
 Gi2_10904361_x2.....gagacgucguggggaGcacgggggug..... 1
 Gi2_10939031_x2.....gaucggagacgCcgugggga..... 1
 Gi5_8802721_x2.....Gcacggggugccgaacuuu..... 1
 Gi3_28067118_x2.....gaagagaagcgccgucagggccccgccGg..... 1
 Gi5_8740827_x2.....cgugggaaacacUgggugccgaac..... 1
 Gi3_28107132_x2.....aucggagacgucguggggaacacgggggUacc..... 1
 Gi3_28057818_x2.....ccgucGggccccgccaguacugc..... 1
 Gi1_4103949_x2.....ucgugggaaacacggggugccgaUc..... 1
 Gi3_28169278_x2.....cgucgugggUacacgggg..... 1
 Gi2_10892301_x2.....ucguggggaCcacggggugccg..... 1
 Gi3_28225604_x2.....ggNacacggggugccgaac..... 1
 Gi2_10917939_x2.....gaucggagaAgucguggggaacacggggg..... 1
 Gi1_4127209_x2.....cggagacgucgugggaaacacggggCgc..... 1
 Gi5_8728661_x2.....gugggaacacggggugccgaaUuu..... 1
 Gi3_28249328_x2.....Aaagcgccgucagggccccgccaguac..... 1
 Gi1_4106421_x2.....ucgugggCcacggggugccgaac..... 1
 Gi5_8774291_x2.....agagaagcNccgucagggccccg..... 1
 Gi3_28039642_x2.....cggagacgucgugggaaUacgggg..... 1
 Gi1_4100663_x2.....Ucgauccggagacgucgugggaaacacggggugcc..... 1
 Gi2_10963901_x2.....aggccUcgccaguacugcgau..... 1
 Gi2_10852995_x2.....aUagaagcgccgucagggccccgccaguacugc..... 1
 Gi3_28162662_x2.....ccUguacugcgauccggagacguc..... 1
 Gl1a_5964304_x2.....gAgggaaacacggggugccga..... 1
 Gi3_28140090_x2.....aucggagacguGgugggaaacacggg..... 1
 Gi5_8736339_x2.....aacacggggugccgaGcuuu..... 1
 Gl1a_5919416_x2.....aagUgaagcgccgucagggccccgcc..... 1
 Gi2_10839559_x2.....Aaggccccgccaguacugcgau..... 1
 Gi5_8781473_x2.....gaacacggggCgccgaac..... 1
 Gi2_10875381_x2.....gccaguacugcgCucggagacguc..... 1
 Gi2_10953277_x2.....aucggagacgucgugggG..... 1
 Gi2_10837267_x2.....ccccgccaguacuAcgauccggagac..... 1
 Gi2_10867747_x2.....caggcccUgccaguacug..... 1
 Gi3_28118436_x2.....ucgugggaaacacggggCgcc..... 1
 Gi3_28106058_x2.....gaucggagacgucgugggaaacacggggCgcc..... 1
 Gl1a_5905042_x2.....aucggagacgucgugggGacacggggugc..... 1
 Gi2_10861189_x2.....aggccccgccaguacugcgUucg..... 1
 Gi1_4104123_x2.....ucaggccccgccaguacugcgauU..... 1
 Gi4_562596_x2.....gaUacggggugccgaacu..... 1
 Gi3_28146132_x2.....aguGcugcgauccggagacgucgug..... 1

Gi5_8761925_x2.....cgUagacgucgugggaaacacgg..... 1
 Gi2_10947627_x2.....gaucggagacgucAugggaacacggggu..... 1
 Gi1_4133739_x2.....ugggaacaGggggugccgaacu..... 1
 Gi2_10943467_x2.....gaucggagacgucguAggaaca..... 1
 Gi3_28109674_x2.....caguacugcCaucggagacgucgug..... 1
 Gi2_10908651_x2.....gaucggagNcgucgugggaaacacggggug..... 1
 Gi2_10861893_x2.....aagGgaagcgccgucagggccc..... 1
 Gi1_4133093_x2.....caggccccgccaAuacugc..... 1
 Gi2_10859283_x2.....ucaggccccgccaaguaUugc..... 1
 Gi2_10866709_x2.....ucaggccccgccaCacugcgau..... 1
 Gi3_28213278_x2.....cgugggaacacggUgugcc..... 1
 Gi1_4157847_x2.....gucgugggaaacacggggCg..... 1
 Gi2_10990197_x2.....auAggagacgucgugggaaacacggggugc..... 1
 Gi1_4119935_x2.....Naacacggggugccgaacu..... 1
 Gi1_4094605_x2.....gucgugggGacacggggug..... 1
 Gi2_10961669_x2.....Aucgugggaaacacggggugccg..... 1
 Gi3_28181532_x2.....uacugcgauccggagCcguc..... 1
 Gi2_10949549_x2.....cccgccagCacugcgauccggagacguc..... 1
 Gi5_8743073_x2.....cgucgugggaaacacggggugAcgaacu..... 1
 Gi3_28246686_x2.....acCgcgauccggagacgucgug..... 1
 Gi1_4128049_x2.....ggaacacggggugccgGac..... 1
 Gi2_10880379_x2.....gacgucgAgggaacacggggugccgaacu..... 1
 Gi2_10885799_x2.....gugggaacacgCggugcc..... 1
 Gi2_10885487_x2.....ucgugggaaacacCgggugccgaacu..... 1
 Gi3_27994554_x2.....Aggagacgucgugggaaacacggggugcc..... 1
 Gi3_28050812_x2.....uggCaacacggggugccgaac..... 1
 Gi3_28056342_x2.....gGagcgccgucagggccccgccaauac..... 1
 Gi3_28240156_x2.....guggCaacacggggugccgaa..... 1
 Gi2_10923051_x2.....gaucggagacgucgugggaaacacgggAugc..... 1
 Gi3_28015660_x2.....cgccaguaucgagauAggagac..... 1
 Gi5_8824281_x2.....caggccccgccaCucgug..... 1
 Gi2_10845127_x2.....Uaggccccgccaaguaucg..... 1
 Gi3_28007706_x2.....ggaagagaagcgccgucagggccccgcc..... 0
 Gi2_10941961_x2.....ggagaUgucgugggaaacacggggugcc..... 1
 Gi2_10904979_x2.....cgucUugggaacacggggugccgaac..... 1
 Gi2_10847647_x2.....gucgugggaaacacggggugccgaaUu..... 1
 Gi1_4132777_x2.....ucgugggaaacacAgggugccgaac..... 1
 Gi3_28180702_x2.....gaucggagacgCcguggggaacac..... 1
 Gi1_4150127_x2.....ugggaacacggggugcUgaacu..... 1
 Gi3_28159642_x2.....cGcguuccgaauuaggaagagaagcgccguc..... 1
 Gi3_28210420_x2.....gGcccgcaguaucgagcgg..... 1
 Gi5_8776827_x2.....gucgugggaaacacggggugccgaGc..... 1
 Gi2_10833381_x2.....aGgagaagcgccgucagggccccgcc..... 1
 Gi2_10860497_x2.....cgucgugggaaacaAggggugc..... 1
 Gi3_28032858_x2.....aUgcgcccgucagggccccgccaagua..... 1
 Gl1_5951276_x2.....Ugucagggccccgccaaguaucg..... 1
 Gi3_28054924_x2.....cAccgccaaguaucgagc..... 1

Gi3_28119048_x2.....agGcgucgugggaaacacggggugcc..... 1
Gi3_28118984_x2.....ucUgagacgucgugggaaacacggggugccg..... 1
Gi5_8793059_x2.....ugggaacacggAgugccgaac..... 1
Gi5_8760997_x2.....gagacgucgugggaaacCcggggugccgaacu..... 1
Gi3_28014322_x2.....Ggagaagcgccgucagggcccgccagua..... 1
Gi5_8795999_x2.....cgucgugggaaacGcggggugccga..... 1
Gi3_28028216_x2.....gGgcccgucagggcccgccaguacugcg..... 1
Gi3_27991232_x2.....cggagCcgucgugggaaacacggggg..... 1
Gi2_10894635_x2.....gaucggagaUgucgugggaaacacggggg..... 1
Gi5_8829071_x2.....gGcuggggaacacgggggugccgaa..... 1
Gi2_10900003_x2.....ggaacGcgggggugccgaa..... 1
Gi2_10930051_x2.....acGgcgaucggagacgucgugg..... 1
Gi1_4153685_x2.....gugggaGcacgggggugccgaac..... 1
Gi3_28159726_x2.....gacgucgugggaaacacgggggugccAaacu..... 1
Gi3_28098838_x2.....cccgccagNacugcgauccg..... 1
Gi2_10900525_x2.....gugggaacacUggggugccgaa..... 1
Gi3_28022922_x2.....cgugggaacaAggggugcc..... 1
Gi1_4101189_x2.....guUggggaaacacgggggugccgaacu..... 1
Gi5_8828577_x2.....Agugggaacacgggggugcc..... 1
Gi1_4092611_x2.....gucgugggaaUacgggggugcc..... 1
Gi3_28161762_x2.....cccgccaguacugcgauUggagacguc..... 1
Gi3_28099992_x2.....cUcgccaguacugcgauccggagac..... 1
Gi3_28208586_x2.....gccccgccaAuacugcgau..... 1
Gi3_27993080_x2.....ccUcgccaguacugcgauccggaga..... 1
Gi3_28157682_x2.....Ugcccgucagggcccgccagua..... 1
Gi3_28213180_x2.....gaagGcccgucagggcccgccaguacu..... 1
Gi3_28166830_x2.....Cgaagcgccgucagggcccgcca..... 1
Gi2_10924207_x2.....aucggagacgucgugAggaacacgg..... 1
Gi2_10976821_x2.....ccAcgccaguacugcgaucc..... 1
Gi2_10960419_x2.....gucCugggaacacgggggugccgaacu..... 1
Gi5_8798575_x2.....gaucggagacgucgugggaaacGc..... 1
Gi2_10943333_x2.....agUcgucgugggaaacacgggggug..... 1
Gi2_10980431_x2.....gacgucgugggaaacacgggggugccgaac..... 1
Gi2_10936567_x2.....cgggagacgucgugggGacacggggg..... 1
Gi3_28196540_x2.....ggccccgccaguacCgcgauccg..... 1
Gi1_4139205_x2.....aucggagacgucgugggaaacacggggCgc..... 1
Gi3_28067948_x2.....aucCgagacgucgugggaaacacggggg..... 1
Gi3_28228506_x2.....caggccccgccaguGcugcgau..... 1
Gi2_10839587_x2.....cccNgccaguacugcgaucc..... 1
Gi2_10908915_x2.....ugggaacacgggUugccga..... 1
Gi2_10855313_x2.....gggaacacgggggugccgaUcu..... 1
Gi3_28047746_x2.....acgucgugggaaacacgggggugcA..... 1
Gi5_8823631_x2.....ggUaacacgggggugccgaa..... 1
Gi3_28122416_x2.....acgucguggCaacacgggggugccgaac..... 1
Gi3_28072336_x2.....cgucagAccccgccaguacugcg..... 1
Gi2_10897939_x2.....agaagcgccgucagggcAcc..... 1
Gi3_28112124_x2.....ggagacgucgCgggaacacggggg..... 1

Gi1_4131065_x2.....gucgugggaaacCcggggug..... 1
 Gl1_5889360_x2.....guggUaacacggggugccgaac..... 1
 Gi3_28158326_x2.....aagGgaagcgcgcgucagggccccgc.....gggaacacggggGgccgaacuu..... 1
 Gi3_28102546_x2.....aagGgaagcgcgcgucagggccccgc.....Uagacgucgugggaaacacggggugccgaa..... 1
 Gi2_10937039_x2.....Uagacgucgugggaaacacggggugccgaa..... 1
 Gi2_10910833_x2.....agacgucguAggaacacggggugccgaacu..... 1
 Gi3_28195948_x2.....cgccgucagggcGcgccaguacugc..... 1
 Gi5_8789241_x2.....aucCgagacgucgugggaaacacgg..... 1
 Gi2_10983201_x2.....Aacgucgugggaaacacgggg..... 1
 Gi2_10955087_x2.....gaGcggagacgucgugggaaacacggggugcc..... 1
 Gl1_5926380_x2.....gcgauccggagacGcug..... 1
 Gi2_10960685_x2.....gucagggccccgcGguacugc.....ucgugggaaacacggggugGcgaacu..... 1
 Gi5_8765133_x2.....ucgugggaaacacggggugGcgaacu..... 1
 Gi3_28089476_x2.....cgUcgucagggccccgcag..... 1
 Gi3_28134316_x2.....ggccUcgccaguacugcgau..... 1
 Gi3_28009500_x2.....gccaguacugcgauccggagacgucgC..... 1
 Gi3_28213488_x2.....cgccUguacugcgauccggagacg..... 1
 Gl1_5951326_x2.....gacgucAugggaaacacgggg..... 1
 Gi2_10960375_x2.....caggUcccgccaguacugcg..... 1
 Gi3_28247964_x2.....cgCcagggccccgcaguacug..... 1
 Gi3_28040658_x2.....ccUccaguacugcgauccggagacgucg..... 1
 Gi3_28111116_x2.....gaucggagacgucgugggCaca..... 1
 Gi3_28155426_x2.....cgucgugggaaacacggAgugccg..... 1
 Gi3_28099986_x2.....gaagcgcgcgucagggccccgc..... 0
 Gi3_28180138_x2.....agagaagcgcgcgucagAccccg..... 1
 Gi2_10829777_x2.....Aacgucgugggaaacacggggugc..... 1
 Gi2_10860821_x2.....guacugcgauccggagacgucgugggaaacacggg..... 0
 Gi3_28068492_x2.....ucagggccccgUcaguacugcg..... 1
 Gi5_8781563_x2.....gggaaUacggggugccgaac..... 1
 Gi3_28257812_x2.....acgucgugggaaacCcggggugccgaa..... 1
 Gi1_4147779_x2.....acgucguAggaacacggggugcc..... 1
 Gi3_28073474_x2.....gaUgucgugggaaacacgggg..... 1
 Gi1_4142625_x2.....gaagagaagcgcgcgucag..... 0
 Gi2_10931937_x2.....cgGcugggaaacacggggugc..... 1
 Gi2_10921209_x2.....gaacacggggugccgaacuu..... 0
 Gi5_8782881_x2.....acugcgauNggagacguc.....gCcgugggaaacacggggugccg..... 1
 Gi2_10896623_x2.....gCcgugggaaacacggggugccg..... 1
 Gi1_4141439_x2.....caggcAccgccaguacugcgau..... 1
 Gi3_28206866_x2.....cagggccccgcUguacugc..... 1
 Gi3_28226120_x2.....gaUacgucgugggaaacacgggg..... 1
 Gi2_10893515_x2.....gaucggagacAucgugggaaacacggg..... 1
 Gi3_28214650_x2.....cgucgugggaaacacggggAugccgaac..... 1
 Gl1_5966480_x2.....gugCgaacacggggugccgaacu..... 1
 Gi1_4151335_x2.....cUucgugggaaacacggggugccga..... 1
 Gi3_28128114_x2.....gucagggccccgcagCacugcg..... 1
 Gi3_28010504_x2.....cgucGggaaacacggggugccgaac..... 1
 Gi3_28126836_x2.....ucgugggaaacCcggggugcc..... 1

Gi1_4147287_x2.....cgugggaacacggggGgccgaac..... 1
 Gi2_10990045_x2.....ucagggccccgcccGguacugcg..... 1
 Gi3_27991548_x2.....aggAcccgccaguacugc..... 1
 Gi2_10938639_x2.....gacgucguNggaacacggggugccg..... 1
 Gi2_10945205_x2.....caAgccccgcccaguacugcg..... 1
 Gi2_10858733_x2.....gucagggccccgcccaguaUugcg..... 1
 Gi3_28126796_x2.....aagagaagNgccgucagggccc..... 1
 Gi2_10875229_x2.....cGggccccgcccaguacugcgauccggag..... 1
 Gi2_10888377_x2.....aGgucgugggaacacggggugccgaac..... 1
 Gi5_8786053_x2.....gUcgucgugggaacacggggugccgaacu..... 1
 Gi2_10947335_x2.....agagaagcgccgucagAcccc..... 1
 Gi2_10845767_x2.....cgucagAccccgcccaguacugc..... 1
 Gi2_10861681_x2.....aucggagacgucAugggaaacac..... 1
 Gi1_4144845_x2.....aucggagacgucgugggCacacgg..... 1
 Gi3_28225326_x2.....gacgucgugggaGccacgg..... 1
 Gi2_10857515_x2.....acgucgugggaaUacggggugc..... 1
 Gi2_10969445_x2.....gagacgucgugggaacacggAgugccg..... 1
 Gi2_10875041_x2.....ugUgaacacggggugccgaac..... 1
 Gi2_10919331_x2.....cgucagCccccgcccaguacugc..... 1
 Gi3_28253934_x2.....aucggagaAgucgugggaacacggg..... 1
 Gi3_28095562_x2.....gucagggccccgcccaguacuAccgauc..... 1
 Gi2_10848809_x2.....cgUucggagacgucguggga..... 1
 Gi3_28254310_x2.....ccccgcUaguacugcgauccggagacgu..... 1
 Gi3_28111198_x2.....uacugcgGucggagacgu..... 1
 Gi5_8728777_x2.....Ucaguacugcgauccggagacgu..... 1
 G1a_5895824_x2.....acCcgauccggagacguc..... 1
 G1a_5938368_x2.....gugggaacacggggugccCaacu..... 1
 G1a_5948774_x2.....Gccccgcccaguacugcgauccggagacguc..... 1
 Gi3_28164240_x2.....ggaacacggggugccgaC..... 1
 Gi1_4141425_x2.....gucgCgggaacacggggugccgaac..... 1
 Gi2_10960191_x2.....aagagaagcgccgucagggAcc..... 1
 Gi2_10984277_x2.....cgugggaacacggggugAcgaac..... 1
 Gi2_10991589_x2.....ccccgcccaguacugcgac..... 1
 G1a_5897378_x2.....gggaacacggUgugccgaacu..... 1
 Gi5_8786761_x2.....agaagcgccNgucagggccccgcccaguacugc..... 1
 Gi2_10833741_x2.....ggagacguUgugggaacacggggug..... 1
 Gi5_8742747_x2.....aucggagacgucgugggaacacAgggg..... 1
 Gi1_4106303_x2.....cgugggaacacUggggugccgaacu..... 1
 Gi3_28229878_x2.....ucguuccgaauaggaagagaagcgccguc..... 0
 Gi2_10875925_x2.....gccgucagggccccgcccGguacugcg..... 1
 Gi3_28203366_x2.....gacgucgugggaacacggggUAccgaac..... 1
 Gi1_4099253_x2.....gaagcgccgucagggccccgcccaguacugc..... 0
 Gi3_28172888_x2.....gucgugggCacacggggugcc..... 1
 Gi3_28230570_x2.....cgucguggUaacacggggugc..... 1
 Gi2_10967965_x2.....gucagggccNcgcccaguacugcg..... 1
 Gi3_28217206_x2.....ggagacgucgugggaaAacggggugccg..... 1
 Gi1_4090135_x2.....gagacgucgugggaacGcggggugccgaacu..... 1

Gi1_4111235_x2.....ucggagGcgucgugggaacacg..... 1
Gi2_10889387_x2.....cgucaggccccgccaguacCgcg..... 1
Gi2_10947589_x2.....ucggagacgucgugggaacacAgggugcc..... 1
Gi1_4126593_x2.....uUgugggaacacggggugccg..... 1
Gi3_28137824_x2.....gucgugggCacacggggugccg..... 1
Gi3_28189220_x2.....gCccccgccaguacugcgaucg..... 1
G1a_5928186_x2.....aacacggggGgccgaacu..... 1
Gi3_28180210_x2.....cgugggaacacgCggugccg..... 1
G1a_5957082_x2.....gaucggagGcgucgugggaa..... 1
Gi2_10954955_x2.....gacgucgugggaacacggggugccA..... 1
Gi3_28052084_x2.....gagacAucgugggaacacggggugccgaacu..... 1
Gi2_10898755_x2.....cccgccaguacugcgUuc..... 1
Gi3_28203226_x2.....aggccccccaUuacugcgauc..... 1
Gi2_10923095_x2.....aucggagacgucguggAaacacggg..... 1
Gi5_8819765_x2.....gucgugggCacacggggugccgaac..... 1
Gi3_28215880_x2.....cggGgacgucgugggaacacggggg..... 1
Gi5_8731999_x2.....gucaggccccgccaguacCgcg..... 1
Gi1_4143255_x2.....gaacacgggggCccgaacu..... 1
Gi3_28046872_x2.....ccccgccaguacuAcgauc..... 1
Gi1_4151833_x2.....gagacgucgugggaacGcggggugccga..... 1
Gi3_28250502_x2.....Gguacugcgauccgagacgucg..... 1
Gi3_28131006_x2.....gucgugggaacacggggGgccgaa..... 1
Gi5_8815895_x2.....agacgucgugggaacGcggggugcc..... 1
Gi1_4122509_x2.....aGcggagacgucgugggaacacggggugcc..... 1
Gi3_28174772_x2.....gacgucgugggaacacggggugcAgaac..... 1
Gi1_4129545_x2.....gCacacggggugccgaacu..... 1
Gi2_10891195_x2.....acgucgugggaacacggggugA..... 1
Gi2_10992093_x2.....gacgucgugggaacacggggugAc..... 1
Gi2_10967511_x2.....cgucgugggaaAacggggugcc..... 1
Gi3_28062038_x2.....Ggccgucagccccgccag..... 1
Gi2_10946749_x2.....agGacugcgauccgagacguc..... 1
Gi3_27997904_x2.....cCggccccgccaguacugcgau..... 1
Gi3_28077452_x2.....gggaacacgggggCccgaac..... 1
Gi5_8765111_x2.....Ggucaggccccgccaguacugcg..... 1
Gi3_28232074_x2.....Ggucaggccccgccaguacugcgauccg..... 1
Gi1_4125031_x2.....ggaaacacgNggugccgaa..... 1
Gi2_10916195_x2.....acgucgugggaacaUggggugccg..... 1
Gi3_28015598_x2.....aggccccgccaguacugcgaCcg..... 1
Gi2_10910865_x2.....gacgucguUggaacacggggugcc..... 1
Gi3_28067682_x2.....cgggagacgCcgugggaacacggggugc..... 1
Gi3_28058782_x2.....cccgccaguacugcgGucggagac..... 1
Gi5_8821753_x2.....cgucgugggCacacggggugccgaacu..... 1
Gi3_28052964_x2.....cgucgAgggaacacggggugccgaac..... 1
G1a_5883254_x2.....aucggagaNgucgugggaacacg..... 1
Gi2_10857817_x2.....gaucggagacgucguAggaacacggggug..... 1
G1a_5954060_x2.....gucgugggNacacggggugccgaac..... 1
Gi2_10881207_x2.....gugggaacacgggggUcc..... 1

Gi3_28146406_x2.....gucgugggaacacggggCgccga..... 1
 Gi4_566520_x2.....cgucaggAccgccagucugc..... 1
 Gi3_28138966_x2.....aucggagacguUgugggaacacgg..... 1
 Gi2_10854813_x2.....aucggagacgucgugggaacaAggggugcc..... 1
 Gi5_8737153_x2.....ggaacacggggugcAgaacu..... 1
 Gi2_10978789_x2.....aacacUgggugccgaacu..... 1
 Gi3_28028790_x2.....acugcgauccggagacgucgC..... 1
 Gi3_28110256_x2.....ggagacgCcgugggaacacg..... 1
 Gi3_28003692_x2.....ggagGcgucgugggaacacggggugccgaac..... 1
 Gi5_8719899_x2.....Gucggagacgucgugggaaca..... 1
 Gi3_28228756_x2.....cgucCggccccgccagucg..... 1
 Gi1_4149651_x2.....aCacgucgugggaacacggggugcc..... 1
 Gi3_28186522_x2.....gggaacacgCgugccgaacu..... 1
 Gi5_8790747_x2.....acgucgugggaacacggggugccgaaA..... 1
 Gi3_28169248_x2.....gggaacacgggAugccga..... 1
 Gi2_10903373_x2.....aggccccgccaguCucggaucggaga..... 1
 Gi2_10963679_x2.....gUagagaagcgccgucagggccccg..... 1
 Gi2_10939047_x2.....cgucaggccccgccagucguc..... 1
 G1a_5970886_x2.....cgugggaacacggggugccgCac..... 1
 Gi5_8792057_x2.....ugggaacacggggugccAaac..... 1
 G1a_5952800_x2.....aggccccgccaguUcugcg..... 1
 Gi3_28121918_x2.....caggccAcgccagucgucgga..... 1
 Gi3_28201312_x2.....aucggagacgucguggUaacac..... 1
 Gi2_10835865_x2.....ggagacgucgugggaacCcggggugcc..... 1
 Gi3_28207200_x2.....ccccgccagucggaucggagGcg..... 1
 Gi3_28260088_x2.....cggagacAucgugggaacacggggugcc..... 1
 Gi3_28214950_x2.....cggagGcgucgugggaacacggggugccga..... 1
 Gi4_554220_x2.....gacgucgugggaacacggggugccgaacu..... 0
 Gi3_28257312_x2.....aguacugcgGucggagacgucgug..... 1
 Gi3_28005192_x2.....caguacugcgGucggagacguc..... 1
 Gi2_10851067_x2.....aucggagacgucgugggaCcaccggg..... 1
 Gi1_4130179_x2.....gccagucggaucgagga..... 0
 Gi3_28062014_x2.....aagagaagcgccgucagggccccgCG..... 1
 Gi3_28197204_x2.....cgucaggccccgUcagucguc..... 1
 Gi5_8817069_x2.....agacgucguggGacacggggugccgaac..... 1
 Gi3_28073558_x2.....gagGagcgccgucagggccccg..... 1
 G1a_5975304_x2.....cguUaggccccgccagucgucg..... 1
 Gi3_28159308_x2.....caguacugcgauccggagacgC..... 1
 Gi1_4121709_x2.....gugggaGcacggggugccgaacu..... 1
 Gi3_27989034_x2.....gucgugggaaAacggggugc..... 1
 Gi3_28148588_x2.....ggagacgucgugggaGcacggggugccgaac..... 1
 Gi3_28160616_x2.....ucaggccccgccagucCcgauccg..... 1
 Gi2_10930565_x2.....gaUacgucgugggaacacggggugc..... 1
 Gi3_28041818_x2.....cgucaggccccgcAaguacugc..... 1
 Gi3_28027206_x2.....aguacCggaucggagacgucgug..... 1
 Gi2_10934383_x2.....gagacgucgugggaacacg..... 0
 Gi3_27981900_x2.....caggccccgcAaguacugc..... 1

Gi5_8764471_x2.....aagaUaagcgccgucagggccc..... 1
 Gi3_28108796_x2.....caguacugcgauccggaAacguc..... 1
 Gi3_28102344_x2.....cgucagggccccgccGguacug..... 1
 Gi2_10931277_x2.....aucggagCcgucgugggaacac..... 1
 Gi3_27996056_x2.....Aagacgucgugggaacacggggugccg..... 1
 Gi1_4107905_x2.....ggagGcgucgugggaacacggggugccgaacu..... 1
 Gi5_8821747_x2.....aucggCgacgucgugggaacacgggg..... 1
 Gi2_10956079_x2.....gccGguacugcgauccgagacguc..... 1
 Gi5_8823805_x2.....gggaacacggggAgccgaac..... 1
 Gi5_8801525_x2.....aGgucgugggaacacggggugccgaac..... 1
 Gi2_10884221_x2.....Cagacgucgugggaacacggggugccg..... 1
 Gi1_4118541_x2.....cgugggaacacgggguCccgaacu..... 1
 Gi3_28038238_x2.....cagggccccccaguacugU..... 1
 Gi2_10944099_x2.....ccgucagggccccccaguacugAgauc..... 1
 Gi1_4125809_x2.....cUccaguacugcgauccgagac..... 1
 Gi1_4136507_x2.....gUucggagacgucgugggaacac..... 1
 Gi5_8730099_x2.....aCcgagacgucgugggaacacg..... 1
 Gi5_8807595_x2.....cgugggaacacggggugccgGac..... 1
 Gi2_10868637_x2.....agacgucgugggaacCcgggugc..... 1
 Gi4_561274_x2.....gggaGcacggggugccgaacu..... 1
 Gi1_4153443_x2.....ggGgacgucgugggaacacggggugcc..... 1
 Gi3_27987112_x2.....cggagacgucAuggggaacacggggugcc..... 1
 Gi1_4121533_x2.....gacgucgugggaacacggg..... 0
 Gi3_28121478_x2.....uacuAcgauccgagacguc..... 1
 Gi2_10888089_x2.....aaNacggggugccgaacu..... 1
 Gi2_10962635_x2.....cagggccccccagCacugc..... 1
 Gi2_10969951_x2.....ucgugggaacacggggugccgaC..... 1
 Gl1_5888046_x2.....Gguacugcgauccgagacgucgu..... 1
 Gi1_4120539_x2.....gGucggagacgucguggg..... 1
 Gi1_4157221_x2.....gGgacgucgugggaacacggggugccga..... 1
 Gi2_10831775_x2.....cgccaguaNugcgauccg..... 1
 Gi2_10861925_x2.....aggccccccaguacugcgGu..... 1
 Gl1_5888844_x2.....ggaacacgggAugccgaacu..... 1
 Gi1_4090801_x2.....ucgugggaacacggggAgccgaac..... 1
 Gi3_28198522_x2.....cggagacgucgCgggaacacgggg..... 1
 Gi1_4142589_x2.....ggaacacggggugAcgaacu..... 1
 Gi3_28091688_x2.....ucggagacAucgugggaacacggggugccg..... 1
 Gi3_28124784_x2.....gagacgucgugggaGcacggggugccgaacu..... 1
 Gl1_5923610_x2.....aucggagacgucguAggaacacggggugcc..... 1
 Gi2_10887913_x2.....ucgugggaacaUggggugccgaac..... 1
 Gi2_10977281_x2.....gacgucgugggaacacAgggugccgaac..... 1
 Gi5_8823937_x2.....cGgccaguacugcgauccgagacgu..... 1
 Gi2_10953485_x2.....uaUgaagagaagcgccguc..... 1
 Gi3_28140822_x2.....cgucgugggaacaGggggugccgaacu..... 1
 Gi3_28211948_x2.....gaagagaagcgccgucaggAc..... 1
 Gi3_28244870_x2.....Agccccccaguacugcgauccg..... 1
 Gi5_8750819_x2.....gggaacacggggugccgaacG..... 1

Gi1a_5977764_x2.....cgugggGacacggggugcc..... 1
 Gi2_10880767_x2.....gCagacgucgugggaacacggggugccg..... 1
 Gi3_28229834_x2.....caUuacugcgauccggagacguc..... 1
 Gi5_8781847_x2.....aggcUccgccagucgucguc..... 1
 Gi2_10952265_x2.....cgAcaggccccgcaguacugcg..... 1
 Gi5_8764583_x2.....aagagGagcgccgucaggccccgcc..... 1
 Gi5_8806367_x2.....gugggaacacggggCgccgaacu..... 1
 Gi1_4106851_x2.....gacgucgugggaacacggAgugccgaacu..... 1
 Gi5_8770185_x2.....ugcgaAcggagacgucgug..... 1
 Gi3_28250656_x2.....aggcccUgccagucgucgucgucg..... 1
 Gi3_28113064_x2.....cgugggCacacggggugccgaa..... 1
 Gi3_27988066_x2.....cgccGguacugcgauccggagacg..... 1
 Gi2_10979789_x2.....ccccgccagucgucgucgucg..... 1
 Gi5_8826595_x2.....ucgugggaacacgggCugccgaacu..... 1
 Gi3_28095902_x2.....agcgccgucaggcccUgccagu..... 1
 Gi3_28145282_x2.....aucggagacgucguggAaacacggggugc..... 1
 Gi3_28130332_x2.....agacgucgNgggaacacgggg..... 1
 Gi3_28001504_x2.....agagaagcgccgucaggccccgcAa..... 1
 Gi2_10935719_x2.....ggagacgucgugggaacacgUggugc..... 1
 Gi1_4099585_x2.....cgugggaacaUggggugccgaacu..... 1
 Gi3_28182160_x2.....ugggaacacCgggugccgaacu..... 1
 Gi3_27981796_x2.....caggccccgccagucgucgucguc..... 1
 Gi1a_5968046_x2.....aucggagacgucgCgggaacacggggugcc..... 1
 Gi5_8771475_x2.....gugggaacacggggugccgaacuC..... 1
 Gi1a_5968188_x2.....Agcgaucggagacgucguc..... 1
 Gi3_28159390_x2.....cGggccccgccagucgucgucgucg..... 1
 Gi2_10938139_x2.....gaagcgccgucaggccccgccCg..... 1
 Gi2_10946067_x2.....aucggagacUucgugggaacacggggugcc..... 1
 Gi2_10902343_x2.....gugggaacacgggUugccg..... 1
 Gi1_4097115_x2.....uUgugggaacacggggugccgaac..... 1
 Gi3_28075318_x2.....gucgugggaacacAgggugccga..... 1
 Gi2_10903515_x2.....gGcccgccagucgucgucgucgucg..... 1
 Gi2_10885247_x2.....aucggagacgucgugggaacacCgggu..... 1
 Gi2_10950669_x2.....gagaagcgccgCcaggccccgcc..... 1
 Gi4_563672_x2.....Augggaacacggggugccgaa..... 1
 Gi3_28213852_x2.....ccccgccagucgucgucgucgucg..... 1
 Gi1_4096131_x2.....cguUgugggaacacggggugccgaacu..... 1
 Gi2_10872215_x2.....gUccccgccagucgucgucgucgucg..... 1
 Gi1a_5938504_x2.....cgugggaacCcggggugc..... 1
 Gi3_28244344_x2.....aCgccccgccagucgucgucgucgucg..... 1
 Gi3_28246358_x2.....aggccccgccagucgucgucgucgucg..... 1
 Gi2_10902087_x2.....gaagagGagcgccgucaggccccgcc..... 1
 Gi3_28051608_x2.....Ugaucggagacgucguggg..... 1
 Gi5_8736219_x2.....cgugggaacacggggugCccaac..... 1
 Gi5_8788643_x2.....gaacacgggUugccgaacu..... 1
 Gi1_4104395_x2.....ccgucaggccccgAcaguacug..... 1
 Gi3_28009082_x2.....aagagaagcgccgCcaggc..... 1

Gi1_4135611_x2.....cguggaacacggggugccgaU..... 1
 Gi2_10839811_x2.....ccgccGguacugcgauccg..... 1
 Gi3_28020518_x2.....aucggUgacgucguggga..... 1
 Gi2_10912689_x2.....caggccccgccCguacug..... 1
 Gi3_28120730_x2.....gacgucguggaacacggggC..... 1
 Gi3_28200704_x2.....gaucggagacgucguggaacGcggggugcc..... 1
 Gi3_28249530_x2.....cgccaguacugcgauccgagagUguc..... 1
 Gi3_28112664_x2.....aguacugcgauccgagacgCcguggg..... 1
 Gi5_8783875_x2.....ucggagacgucguggaacacggggugccA..... 1
 Gi3_28074972_x2.....ggagacgucguggaacacggggCgccg..... 1
 Gi2_10895485_x2.....cagAccccgccaguacug..... 1
 Gi2_10953771_x2.....aucggagacgucgugggaaUacggg..... 1
 Gi5_8767315_x2.....cguggaacacggggugcUgaacuu..... 1
 Gi1_4089383_x2.....gacgucguggaacacggggugccGac..... 1
 Gi4_556458_x2.....cgCcguggaacacggggugcc..... 1
 G1a_5930928_x2.....Uaggccccgccaguacug..... 1
 Gi2_10974021_x2.....ccgccaguacugcgauccgagGcguc..... 1
 Gi3_28164938_x2.....gacgucAugggaacacggggu..... 1
 Gi3_28249038_x2.....ucggagacgucguAggaaacggggu..... 1
 Gi4_559086_x2.....uUguggaacacggggugccgaacu..... 1
 Gi5_8821983_x2.....ucguggaacacAgggugccgaac..... 1
 Gi2_10942743_x2.....guUguggaacacggggugccg..... 1
 Gi2_10917753_x2.....auUggagacgucguggaacacggggugccg..... 1
 Gi2_10940973_x2.....aucggagacgucgugggaaUgugggugc..... 1
 Gi3_28145270_x2.....caggccccccaCuacugc..... 1
 Gi2_10879653_x2.....caggccccAccaguacugcgaucc..... 1
 Gi2_10916439_x2.....ugggaaacacAgggugccg..... 1
 Gi1_4107867_x2.....ucUguggaacacggggugcc..... 1
 Gi4_565340_x2.....agUcgucguggaacacggggugcc..... 1
 G1a_5916066_x2.....cgucaggUcccgccaguacugc..... 1
 Gi1_4098497_x2.....gacgucguggaacacggggAgccgaacu..... 1
 G1a_5889764_x2.....acucguuccgaauaCgaaga..... 1
 Gi2_10932797_x2.....aggccccUccaguacugcga..... 1
 Gi4_564438_x2.....cgucguggNaacacggggugccga..... 1
 G1a_5889030_x2.....aucggagacgucguggAa..... 1
 Gi3_28146750_x2.....ggUgacgucguggaacacgggg..... 1
 Gi2_10921581_x2.....ccgccaguacugcgauccgagacg..... 0
 Gi3_28122830_x2.....gaagcgccgucagggccccAcagua..... 1
 Gi5_8744789_x2.....gugggaaacacAgggugccgaacuu..... 1
 Gi2_10963171_x2.....cgccgucagggccccgccaguacCcgaucc..... 1
 Gi2_10923947_x2.....caggccccCccaguacugc..... 1
 Gi2_10911931_x2.....cAucguggaacacggggugc..... 1
 G1a_5883074_x2.....ggaacUcggggugccgaac..... 1
 Gi1_4133003_x2.....cgccaguacugcgauccgagacgucU..... 1
 Gi3_28244198_x2.....gccgucagNccccgccagu..... 1
 Gi5_8783675_x2.....aucggagacAucguggaacacggggugc..... 1
 Gi3_28139982_x2.....cUccaguacugcgauccgagacgucg..... 1

Gi3_28240870_x2.....gaucggagacgucgugggGacacggg..... 1
Gi3_28006032_x2.....gucguggaacacgUggugccgaacu..... 1
Gi2_10900101_x2.....gaucggagacgucguAggaacac..... 1
Gi2_10957469_x2.....gaGcggagacgucguggaacacggggugc..... 1
Gi1a_5979918_x2.....aacacggggugccgaaAu..... 1
Gi3_28043342_x2.....aucggagacgucgugggCacacggg..... 1
Gi2_10929449_x2.....cggagaGgucguggaacacggggugcc..... 1
Gi2_10885475_x2.....Accaguacugcgauccgga..... 1
Gi3_28213308_x2.....aucggagacgGcuguggaacacggggg..... 1
Gi2_10901831_x2.....uggaacGcggggugccgaa..... 1
Gi2_10865487_x2.....gucguggaacacggggugAcg..... 1
Gi1_4157585_x2.....gagacgucGcggaacacggggugccgaacu..... 1
Gi1a_5879480_x2.....ggaacacggguAccgaacu..... 1
Gi3_28085854_x2.....cggagacgucgugAgaacacggg..... 1
Gi3_28136846_x2.....gucaggccccgcUaguacug..... 1
Gi2_10831719_x2.....agacgucgugAgaacacggggugcc..... 1
Gi2_10966275_x2.....gUagcgccgucagggccccgag..... 1
Gi1_4103357_x2.....ggUgacgucguggaacacggggg..... 1
Gi3_28131016_x2.....ggUcccgccaguacugcgaucc..... 1
Gi3_28024400_x2.....Uagacgucguggaacacggggugccga..... 1
Gi1_4121825_x2.....guggaacacggggugccgaaAu..... 1
Gi2_10986835_x2.....uggaacacggCgugccgaacu..... 1
Gi2_10855677_x2.....agGagcgccgucagggccccgcc..... 1
Gi3_28051406_x2.....gaucggagacgucGcggaac..... 1
Gi2_10854349_x2.....gucaggccccgccaguacAgc..... 1
Gi3_28128144_x2.....ucggagacgucguggaacUggggugcc..... 1
Gi2_10847123_x2.....ccgccaguacugcgauUgg..... 1
Gi4_563882_x2.....cguggaacGcggggugccgaacu..... 1
Gi3_28252034_x2.....ggccccAccaguacugcgaucc..... 1
Gi2_10930943_x2.....ccgccGguacugcgauccg..... 1
Gi5_8771611_x2.....ggagacgucguggaacacggggugccgaacA..... 1
Gi2_10864547_x2.....ccgucagggccccgccaguacCgcg..... 1
Gi2_10883295_x2.....agacAucguggaacacggggugccgaacu..... 1
Gi2_10971065_x2.....aUgccccgccaguacugcgauccgagacg..... 1
Gi2_10933689_x2.....ggagacAucguggaacacggggugc..... 1
Gi2_10970081_x2.....gacgucgugAgaacacggggugcc..... 1
Gi2_10927969_x2.....ggccccgccaguacugcgauU..... 1
Gi2_10957873_x2.....gaacacggggugccgaaUu..... 1
Gi2_10850991_x2.....cgccgucaNggccccccagu..... 1
Gi2_10968947_x2.....Gcgucagggccccgccaguacugcg..... 1
Gi2_10901271_x2.....aggccccccaCuacugc..... 1
Gi2_10937521_x2.....Cgccccgccaguacugcgauccg..... 1
Gi2_10989061_x2.....gagacgucguggaacGcggggugccg..... 1
Gi3_28206696_x2.....cUgccaguacugcgauccgagac..... 1
Gi3_28119294_x2.....aguacugcgauccgagagUg..... 1
Gi3_28195576_x2.....Caagcgccgucagggccccgccc..... 1
Gi2_10841049_x2.....cgccaguaNugcgauccgagag..... 1

G1a_5927618_x2.....cgucagggccccgccaguGcu..... 1
 Gi2_10949629_x2.....cgCcgugggaacacgggg..... 1
 Gi3_28046572_x2.....gagGagcgccgucagggc.....acgucgugggaacacAgggugcc..... 1
 Gi4_559274_x2.....gagGagcgccgucagggc..... 1
 G1a_5919002_x2.....gaagcgccgucGggccccgcca.....gAcgugggaacacggggugccga..... 1
 Gi3_27989112_x2.....gUgacgucgugggaacacg..... 1
 Gi3_27994870_x2.....cUccgccaguacugcgauccggagacgu.....ucgugggaacGcggggugccgaacu..... 1
 Gi3_28186204_x2.....cUccgccaguacugcgauccggagacgu..... 1
 G1a_5883252_x2.....ucgugggaacGcggggugccgaacu..... 1
 Gi2_10907569_x2.....aguacugcgauccggagGcguc..... 1
 G1a_5951448_x2.....ugggaacacggggugccgaUcu..... 1
 Gi2_10864739_x2.....Gggagacgucgugggaacacggggug..... 1
 Gi3_28078516_x2.....cgucagggccccgccagGacugc..... 1
 Gi1_4136455_x2.....aguacugcgauccggagacg..... 0
 Gi2_10861573_x2.....gacgAcgugggaacacgggg..... 1
 Gi2_10878093_x2.....cgucgugggaacacggggugccgaacG..... 1
 Gi2_10941885_x2.....agacgucgugggaacacgAggguc..... 1
 Gi2_10908427_x2.....aucggagUcgucgugggaacacgggg..... 1
 Gi2_10911625_x2.....gaucggUgacgucgugggaacacgggg..... 1
 Gi2_10976919_x2.....Uaggccccgccaguacugc.....aucgAagacgucgugggaacacggg..... 1
 Gi2_10901283_x2.....aucgAagacgucgugggaacacggg..... 1
 Gi3_28130114_x2.....gCcaggccccgccaguacugcg..... 1
 Gi1_4113335_x2.....ugggaacacggggugcAgaac..... 1
 Gi2_10941677_x2.....gaucggUgacgucgugggaacacg..... 1
 Gi2_10986723_x2.....aucggagUcgucgugggaacacg..... 1
 Gi5_8778097_x2.....ugUgaacacggggugccgaa..... 1
 Gi2_10921893_x2.....Ugccaguacugcgauccgg..... 1
 Gi3_28066846_x2.....ugggaacacggggGgccg..... 1
 Gi3_28207748_x2.....ccgaauuaNgaagagaagcgccguc..... 1
 Gi5_8785979_x2.....aggccccgNcaguacugcgauccggagacguc..... 1
 Gi2_10845059_x2.....Acaggccccgccaguacugcgaucc..... 1
 Gi3_28117576_x2.....gacgucgugggGacacggg..... 1
 Gi3_27989736_x2.....gagacgCcgugggaacac..... 1
 Gi2_10971805_x2.....ccccgcUaguacugcgauccggagac..... 1
 Gi3_27993854_x2.....Cgccccgccaguacugcgauccgga..... 1
 G1a_5887566_x2.....guUaggccccgccaguacugcga..... 1
 Gi3_28178192_x2.....cgggagacgCcgugggaacacggg..... 1
 Gi3_28209404_x2.....ucAgagacgucgugggaacacgggg..... 1
 Gi3_28223334_x2.....ccgccaguacugcgauccggagCc..... 1
 Gi3_27993626_x2.....ccgccaguGcugcgaucc.....ucgugggaacacUgggugccg..... 1
 Gi2_10946283_x2.....ucgugggaacacUgggugccg..... 1
 Gi5_8806797_x2.....gaucggagacgucgugggaacacggggugccgaac..... 0
 Gi2_10863149_x2.....cUaucggagacgucgugggaacac..... 1
 Gi2_10969017_x2.....aggccccgUcaguacugcg..... 1
 Gi2_10885889_x2.....Agucagggccccgccaguacugcg..... 1
 Gi3_28129122_x2.....gucaUgccccgccaguacugcg..... 1
 Gi1_4139185_x2.....gugggaaGacgggugccgaacu..... 1

Gi2_10897143_x2.....cAucagggccccgccaguacugcg..... 1
 Gi2_10933585_x2.....aggccccgcUaguacugcgau..... 1
 Gi2_10930075_x2.....aggccccgccaguacugcgauccggaUa..... 1
 Gi2_10961911_x2.....agGacugcgauccggagac..... 1
 G1a_5922926_x2.....gugggaacacggggugccAa..... 1
 Gi2_10829841_x2.....gccAUuacugcgauccggaga..... 1
 Gi2_10854579_x2.....cguNggaaacacggggugccg..... 1
 Gi5_8811629_x2.....aggccccgccaguacCgcgauc..... 1
 Gi3_28085984_x2.....gaucggagacgucgugggaaUacggggu..... 1
 G1a_5959566_x2.....aguacugcgauccggagCcguc..... 1
 Gi2_10898677_x2.....aucGUagacgucgugggaaacacgg..... 1
 Gi3_28052408_x2.....ucGggccccgccaguacugcgau..... 1
 Gi3_28175532_x2.....acgucgugggaaCcggggugcc..... 1
 Gi1_4118675_x2.....cUccaguacugcgauccggagacguc..... 1
 Gi1_4143591_x2.....ucgugggaaUacggggugccga..... 1
 Gi2_10972689_x2.....gucgugggaaAaggggugcc..... 1
 Gi3_28236348_x2.....gaagagaagcgccgAcaggccccgc..... 1
 Gi2_10959471_x2.....cgucgugggaaCcggggugc..... 1
 Gi3_28059268_x2.....acgucgugggaaacacggggCgc..... 1
 Gi1_4143951_x2.....gaagcgccgucagggccccgag..... 0
 Gi3_28186506_x2.....Cagacgucgugggaaacacggggu..... 1
 Gi3_28213896_x2.....gaacacggggugGcgaac..... 1
 Gi4_553932_x2.....gaacacggggugccgaacuucU..... 1
 Gi3_28068170_x2.....gacgucgugggaaUacggggugccgaacu..... 1
 G1a_5943140_x2.....acgCcgugggaaacacggggu..... 1
 Gi3_28031528_x2.....acugcgauccggagCcguc..... 1
 Gi3_28202992_x2.....aacacggggugccgaGcuu..... 1
 Gi2_10859017_x2.....caggccccgccaguacugGgauccggag..... 1
 Gi3_28213796_x2.....Ccgugggaaacacggggugc..... 1
 Gi2_10954999_x2.....gCucggagacgucgugggaaac..... 1
 Gi2_10843207_x2.....gauUggagacgucgugggaaac..... 1
 Gi2_10898621_x2.....gugggaaacacgggUugccgaac..... 1
 Gi3_28216548_x2.....acgucgugggGacacggg..... 1
 Gi2_10950449_x2.....gcUaguacugcgauccgga..... 1
 Gi5_8736309_x2.....gGucggagacgucgugggaaacacggg..... 1
 Gi3_28014848_x2.....aggcUccgccaguacugcgauccggagac..... 1
 G1a_5918754_x2.....gucagggccccgccCguacugc..... 1
 Gi2_10914297_x2.....gucgugggaaacacggUgugccgaacu..... 1
 Gi2_10947657_x2.....Gcgucgugggaaacacggggu..... 1
 Gi3_28148536_x2.....gccaguacugcgauccggagacgCc..... 1
 Gi3_28222626_x2.....cggagacgucgugggaaacGc..... 1
 Gi2_10939799_x2.....gacgucgugggaaGcacggggu..... 1
 Gi2_10887663_x2.....cguggCaacacggggugcc..... 1
 Gi1_4123809_x2.....cUucgugggaaacacggggugccgaa..... 1
 Gi2_10837071_x2.....gCgacgucgugggaaacacggggugcc..... 1
 Gi2_10854143_x2.....ggcccAgccaguacugcgau..... 1
 Gi3_28008882_x2.....agaagcgCgucagggccccgccc..... 1

Gi3_27988690_x2.....acacggggCgccgaacuu..... 1
 Gi5_8725151_x2.....uUggaacacggggugccga..... 1
 Gi3_28176904_x2.....agGagcgccgcucagggcc.....Gugcgauccggagacgucgu..... 1
 Gi3_28195330_x2.....aGugcgauccggagacgucgu..... 1
 Gi2_10989379_x2.....ccgucagggcccCccaguacugcg..... 1
 Gi5_8824367_x2.....gugggaaacacggggugAcga..... 1
 Gi2_10990049_x2.....ucgugggCacacggggugccgaac..... 1
 Gi3_27989464_x2.....gucagggcccgcagucGcugcg.....ggagacgucguggaaacGcggggugc..... 1
 Gi2_10882981_x2.....ggagacgucguggaaacGcggggugc..... 1
 Gi3_28230934_x2.....ucagggcccgcagucGcggaucc..... 1
 Gi5_8747813_x2.....cagggcccNccaguacugcgaucc..... 1
 Gi3_28258322_x2.....gucguggaaacacggggugccgaaGu..... 1
 Gi2_10956395_x2.....acgucgugAgaacacggggugcc..... 1
 Gl1_5970068_x2.....cccgccagucGcugcgauccggagacguc..... 1
 Gi2_10945111_x2.....cgccagucNugcgauccggagac..... 1
 Gi3_28196328_x2.....cggagaUgucguggaaacacggggg..... 1
 Gi2_10869025_x2.....cagggcccgcGguacugcgaucc..... 1
 Gi2_10912177_x2.....cgucguggaaacGcggggugccgaac..... 1
 Gi2_10908451_x2.....ggaacacggggugccCaac..... 1
 Gi3_28025412_x2.....cgucguggaaacacgAgg..... 1
 Gi1_4117609_x2.....gugggaaacNcggggugccgaacuu..... 1
 Gi5_8800295_x2.....gugggaGcacggggugccgaa..... 1
 Gi1_4111947_x2.....aucggagacgucgugggGcacggggugcc..... 1
 Gi1_4090129_x2.....gacgucguggaaacacgggAugcc..... 1
 Gi2_10992239_x2.....gaucggGgacgucguggaaac..... 1
 Gi3_28110000_x2.....aagagaagcgccgcucagggccUcgccaguc..... 1
 Gi3_28172424_x2.....gucGggcccgcagucacugcgaucc..... 1
 Gi3_28187040_x2.....uggaaacacgUggugccg..... 1
 Gi2_10917387_x2.....gucgugggCacacggggugccgaac..... 1
 Gi2_10926777_x2.....Cggcccgcagucacugcg..... 1
 Gi2_10845181_x2.....cguggaaacaUggggugc..... 1
 Gi2_10922877_x2.....aagagaGgcccgcucagggcc.....gacgucguggaaacacggggugUc..... 1
 Gi2_10911117_x2.....gacgucguggaaacacggggugUc..... 1
 Gi2_10901907_x2.....cgucagggNccgccagucacugc..... 1
 Gi1_4133243_x2.....ucUgagacgucguggaaacacggggugcc..... 1
 Gi3_28199894_x2.....ccccgccagucGcugcgauccggagacguc.....aCacgucguggaaacacggg..... 1
 Gi3_28208108_x2.....aCacgucguggaaacacggg..... 1
 Gi1_4126195_x2.....cagggcccgcGguacugcg..... 1
 Gi3_28009376_x2.....agUgaagcgccgcucagggc.....gugCgaacacggggugcc..... 1
 Gi3_28103238_x2.....gugCgaacacggggugcc..... 1
 Gi3_28098258_x2.....ggUaacacggggugccga..... 1
 Gi2_10847689_x2.....guggaaacacggggugcGg..... 1
 Gi5_8776731_x2.....aGcggagacgucguggaaaca..... 1
 Gi5_8810919_x2.....ggaacacAgggugccgaac..... 1
 Gi5_8793531_x2.....gugggCacacggggugccgaacuu..... 1
 Gl1_5887628_x2.....aacacggggugcAgaacu..... 1
 Gi2_10848123_x2.....ccgccGguacugcgauccggag..... 1

Gi2_10849697_x2.....cggagacgucgugggCacacggggugcc..... 1
 Gi3_28135996_x2.....cgaucggCgacgucugggaacacg..... 1
 Gi1_4154219_x2.....cAugggaacacggggugccgaa..... 1
 Gi2_10838643_x2.....ggagacgucgugggaaUacggggugc..... 1
 Gi3_28092046_x2.....cgucgugggaacacggAgugccga..... 1
 Gi2_10867051_x2.....Ggccaguacugcgauccgaga..... 1
 Gi1_4152849_x2.....guggUaacacggggugccga..... 1
 Gi3_28258364_x2.....ugUgaucggagacgucgugggaaca..... 1
 Gi2_10965725_x2.....Ugucaggccccgccaguac..... 1
 Gi2_10879465_x2.....gaucggagacgucgugggaGcacgg..... 1
 Gi3_28171116_x2.....cccgccaguacugcgauccgagacguA..... 1
 Gi2_10883697_x2.....cgugCgaacacggggugccgaa..... 1
 Gi3_28184774_x2.....aucggagacgucUugggaaacacggggugcc..... 1
 Gi3_28206544_x2.....aGcggagacgucgugggaac..... 1
 Gi1_4119679_x2.....Cccaguacugcgauccgagacg..... 1
 Gi3_28117158_x2.....cgAagacgucgugggaacacggggugcc..... 1
 Gi3_28026510_x2.....gaucggagacgucgugggaGcacggggugcc..... 1
 Gl1_5891532_x2.....ugggUaacacggggugccgaa..... 1
 Gi2_10871159_x2.....gacgucgugggaacacggggugccgCac..... 1
 Gi2_10852237_x2.....caUuacugcgauccgagacguc..... 1
 Gi2_10937065_x2.....Gagagaagcgccgucagggccccgcc..... 1
 Gl1_5972818_x2.....cGgccaguacugcgauccgga..... 1
 Gi3_28043266_x2.....gucaUgccccgccaguacugc..... 1
 Gi3_28147140_x2.....agaagcgccgucagggUcccgccagu..... 1
 Gi3_28220794_x2.....agacgucgugggaacacgAggugcc..... 1
 Gl1_5913522_x2.....aUgagaagcgccgucagggcc..... 1
 Gi2_10842359_x2.....aguacugcgauccgGgacgu..... 1
 Gi3_28001086_x2.....acgucgugggaacacggggCgccg..... 1
 Gl1_5948222_x2.....gugggGaacacggggugccgaa..... 1
 Gi3_28017870_x2.....guUgugggaacacggggugccgaa..... 1
 Gi2_10970951_x2.....cgugggaacacgAggugccga..... 1
 Gi5_8822455_x2.....ggaacacggggugccgaa..... 0
 Gi2_10829559_x2.....aagagaagcgccgucGggcc..... 1
 Gi3_28242198_x2.....cgugggaCcacggggugc..... 1
 Gl1_5962312_x2.....cgccaguacuAcgauccgagacguc..... 1
 Gi3_28086592_x2.....acCgcgauccgagacguc..... 1
 Gi1_4125797_x2.....ggagacgucgugUgaaacacggggugcc..... 1
 Gi2_10834125_x2.....gggaacacggggAgccgaa..... 1
 Gi2_10981627_x2.....cggagGcugcugugggaacacggggugc..... 1
 Gi2_10977289_x2.....gacgucgugggaacacggggugccgaa..... 1
 Gi3_28118500_x2.....ucggagacgucgugggaacacAgggu..... 1
 Gi3_28246310_x2.....aucggagacgucgugggaacacgUg..... 1
 Gi2_10896331_x2.....gucAugggaacacggggugccgaa..... 1
 Gi2_10939061_x2.....Nccccaguacugcgaucc..... 1
 Gi2_10875417_x2.....cUucaggccccgccaguacugcgaucc..... 1
 Gl1_4134449_x2.....gucgugggaacacggggUacc..... 1
 Gl1_5921948_x2.....acugcgauccgagacguUgug..... 1

Gi3_28017842_x2.....aggccAcgccaguacugcgauccgga.....1
Gi4_562910_x2.....cgugggaacacggggugc.....0
Gi3_28060992_x2.....acucguuccgaauaggaagagaagcgc.....0
Gi1_4112751_x2.....Gcgucgugggaacacggggugccg.....1
Gi3_28237556_x2.....cggagacgucgugggaacCcgggg.....1
Gi2_10888751_x2.....cgugggaacUcggggugccga.....1
Gi2_10876289_x2.....ucgugggaacacgUggugccgaacu.....1
Gi2_10955719_x2.....gUgacgucgugggaacacggggugccg.....1
Gi3_28057992_x2.....agacgucgugggaacaUggggugcc.....1
Gi3_28077596_x2.....cgcgucagCccccgccaguacugc.....1
Gi3_28193114_x2.....gaagagaagcgccgucaggcUcc.....1
Gi5_8799323_x2.....aagagaGcgccgucagggccccgccc.....1
Gi2_10877663_x2.....aggccccgccaguacuCcgau.....1
Gi3_27998202_x2.....gucgugggaacGacggggugccgaacu.....1
Gi2_10901739_x2.....Aaucggagacgucgugggaac.....1
Gi3_28213476_x2.....agUccccgccaguacugcgauccggagac.....1
Gi2_10911019_x2.....cgucUugggaacacgggg.....1
Gi1_4131969_x2.....agcgccgCcaggccccgccaguacugc.....1
G1a_5918070_x2.....cgucagggcccAgccaguacugc.....1
Gi1_4120099_x2.....gaacacggggugccgaaGu.....1
Gi3_28118672_x2.....Ugaacacggggugccgaacu.....1
Gi1_4101825_x2.....cgugggaacacAgggugccga.....1
Gi2_10990945_x2.....acgucgCgggaacacggggugc.....1
Gi2_10951671_x2.....agacgAcgugggaacacggggugcc.....1
Gi3_28038066_x2.....cggagacgucgugAgaacacg.....1
Gi2_10983889_x2.....gucgugggaacacggggAugccgaac.....1
Gi2_10942135_x2.....Gcugcgauccggagacgucgugggaacac.....1
Gi3_28013396_x2.....cggagacgucgugggGacacggggugccga.....1
Gi1_4125215_x2.....gUucggagacgucguggg.....1
Gi3_28027678_x2.....Uggccccgccaguacugcgau.....1
Gi5_8815801_x2.....aucggagacgucgugggCacacggg.....1
Gi3_28182042_x2.....cgucgugggaacacggggugcGaaacu.....1
G1a_5883262_x2.....Cuacugcgauccggagacgucg.....1
Gi1_4121999_x2.....gggaacacggggugccgU.....1
Gi2_10828769_x2.....gccGguacugcgauccgga.....1
Gi3_28070958_x2.....ucaggccccgccaguacugcgauUgg.....1
Gi1_4146415_x2.....gUaacacggggugccgaacu.....1
Gi2_10843835_x2.....gaCgggagacgucgugggaacacggggugcc.....1
Gi3_28112414_x2.....gccaguacugcgauccAgagacgu.....1
Gi5_8819689_x2.....ucggagacgucgugUgaacacg.....1
Gi2_10901389_x2.....caggccccgccaguacuA.....1
Gi3_28156114_x2.....cgGcugugggaacacggggugccgaa.....1
Gi3_28112740_x2.....aguacugcgauccggagacgCcgug.....1
Gi3_28113150_x2.....aagcgccgucagggccccgccCguacugc.....1
Gi1_4093549_x2.....Augggaaacacggggugccgaacu.....1
Gi3_28014834_x2.....cggagacgucgugggCacacgggg.....1
Gi1_4097523_x2.....ucggGgacgucgugggaacacggg.....1

G1a_5965470_x2.....Aaucggagacgucgugggaacac..... 1
 Gi2_10970975_x2.....Cagaagcgccgucagggccccgc..... 1
 Gi2_10876739_x2.....aguacugcgGucggagacgucg..... 1
 Gi2_10954979_x2.....acugcgaucggagacgucgugggaacacggggu..... 0
 Gi2_10837301_x2.....ucAgagacgucgugggaacacg..... 1
 Gi5_8811299_x2.....ucgGgggaacacggggugccgaac..... 1
 Gi1_4129965_x2.....cgucagggccccccagucCgc..... 1
 G1a_5907020_x2.....gugggaacacUgggugccgaacu..... 1
 Gi3_28175568_x2.....gaucggagacgucgugggUacacggg..... 1
 Gi1_4151693_x2.....cgugggaacacggggugccgaUcu..... 1
 Gi3_28104288_x2.....ggagacgucAugggaacacggggugccgaacu..... 1
 Gi3_27999840_x2.....gaagagaGgcccgcgucagggccccgc..... 1
 Gi2_10902581_x2.....ucgugggaacacggggGgccg..... 1
 Gi5_8784927_x2.....aucggagaUgucgugggaacacgg..... 1
 G1a_5958034_x2.....caguacugcgaucggGgacgu..... 1
 Gi3_28092844_x2.....aucggagacgucgugggaaAacggggugcc..... 1
 Gi1_4145653_x2.....caggccccccagucgucgGucggaga..... 1
 G1a_5883070_x2.....caguaUugcgaucggagacguc..... 1
 Gi3_28041326_x2.....ucaggccccgcUaguacugc..... 1
 Gi3_28044408_x2.....ggccccCccagucggauc..... 1
 Gi3_28106792_x2.....cgucgugggaacacCgggugccga..... 1
 Gi4_564548_x2.....aacaUggggugccgaacu..... 1
 Gi3_28220614_x2.....Uaggccccccagucgucggaucgaga..... 1
 Gi1_4144837_x2.....cgugggaacacggggugGcgaacu..... 1
 Gi2_10918017_x2.....aCcgagacgucgugggaacacgggg..... 1
 Gi5_8725171_x2.....aggccUcgccagucguc..... 1
 Gi5_8821035_x2.....cgucgugggaacacggggugccgCac..... 1
 Gi2_10973377_x2.....aggccccgcUguacugcg..... 1
 Gi5_8782071_x2.....gccagucgucggaucggagacguU..... 1
 Gi3_28044982_x2.....gucgugggGacacggggu..... 1
 Gi3_28218528_x2.....aagagaagNgcccucagggccccccaguc..... 1
 Gi3_28193986_x2.....auAggagacgucgugggaacac..... 1
 Gi3_28083038_x2.....ugggaacacggggugcAg..... 1
 G1a_5918408_x2.....gugggaacacCgggugccgaacu..... 1
 G1a_5949266_x2.....gaucUgagacgucgugggaacacggggu..... 1
 Gi3_28222400_x2.....gucagggccccccagucCgcg..... 1
 Gi2_10898025_x2.....ggaacacggggugccUaac..... 1
 Gi3_28088408_x2.....aggccccccagucCucgga..... 1
 G1a_5896394_x2.....cgaucggGgacgucgugggaacacg..... 1
 Gi3_28155246_x2.....gaagagaagcgucUgucagggccc..... 1
 Gi2_10889085_x2.....gacgucgugggaacacggggugccgaCcu..... 1
 Gi1_4131007_x2.....gugggaacacggggugcA..... 1
 Gi3_28157458_x2.....cggagacgucgugggaaAacgggg..... 1
 Gi2_10869179_x2.....cgucguAggaacacggggugccg..... 1
 Gi3_28187312_x2.....gagaagcgccAucagggccccgc..... 1
 G1a_5903494_x2.....gCagacgucgugggaacacg..... 1
 Gi1_4143465_x2.....caggccccccCguacugcgauc..... 1

Gi2_10868255_x2.....gacgucgugggaacacacggggugccgaacG..... 1
 Gi5_8802397_x2.....acucgcaCcgagacgucgug..... 1
 Gi3_28032418_x2.....aagagaagcgccUucagggccc..... 1
 Gi5_8789041_x2.....gagacguAgugggaacacggggugccgaacu..... 1
 Gi3_28099584_x2.....ccaguacugcgauccgagacgucAu..... 1
 Gi5_8821831_x2.....gugggaacaUggggugcc..... 1
 Gi5_8770265_x2.....ugggaacacggggugGcgaacu..... 1
 Gi3_28204130_x2.....gucgugggaacCcggggugc..... 1
 Gi1a_5927182_x2.....gugggGacacggggugcc..... 1
 Gi3_27996186_x2.....ccgNcaggccccgccaguacugc..... 1
 Gi2_10829467_x2.....caggccccgccaguGcugcgau..... 1
 Gi2_10956327_x2.....cgucgugggaacaUggggugccgaac..... 1
 Gi3_27994720_x2.....gaucggagacguGgugggaacacg..... 1
 Gi1a_5889256_x2.....cgucaggccccgccCguacugcg..... 1
 Gi3_28158960_x2.....aagagaagcgccCcaggcccc..... 1
 Gi3_28227338_x2.....cgucgugggaacacggggguAccga..... 1
 Gi2_10830483_x2.....ccgucGggccccgccaguacugc..... 1
 Gi3_28022320_x2.....gccaguaUugcgauccgagacguc..... 1
 Gi1_4099399_x2.....caguacugcgauccgagacgucg..... 0
 Gi5_8808355_x2.....cacggggugccgaacuCu..... 1
 Gi2_10839087_x2.....cccgccagCacugcgauccgagac..... 1
 Gi2_10915061_x2.....aacucguuccgaauaCgaagagaagcgcc..... 1
 Gi3_28132614_x2.....acgucgugggaacacggggAgcc..... 1
 Gi5_8801159_x2.....ggaacacggggugccgaaGu..... 1
 Gi3_28197214_x2.....Accgucaggccccgccaguacu..... 1
 Gi2_10992219_x2.....gaucggagacguAgugggaacac..... 1
 Gi3_28035978_x2.....aguacugcgauccgagacgCc..... 1
 Gi1a_5910466_x2.....cgugggaacGcggggugc..... 1
 Gi2_10873411_x2.....caggccccgcUaguacugcgau..... 1
 Gi3_28250212_x2.....Gggccccgccaguacugcgauccgagac..... 1
 Gi3_28154168_x2.....caggccccgccaguacAgcga..... 1
 Gi2_10990875_x2.....gucNugggaacacggggugccgaacu..... 1
 Gi2_10842719_x2.....gacgucAugggaacacggggugccga..... 1
 Gi5_8736171_x2.....cgugggaacacggggGgccgaac..... 1
 Gi2_10950975_x2.....cgAcgugggaacacggggug..... 1
 Gi5_8778685_x2.....aucggagacgucguggaaAacgg..... 1
 Gi1a_5970036_x2.....ggaacacggggugAcgaacu..... 1
 Gi3_28135038_x2.....aUgucgugggaacacggggugccgaa..... 1
 Gi3_28096100_x2.....cgucgugggaaUacggggugccg..... 1
 Gi2_10840051_x2.....aggccccgccaguUcugcgau..... 1
 Gi2_10957263_x2.....gaagcgccNucaggccccgccagu..... 1
 Gi3_28159676_x2.....cgucaggccccgccaguacugcgCucgg..... 1
 Gi3_28079012_x2.....agacgucgugggaacacgAggugccgaac..... 1
 Gi3_28139760_x2.....Ggcgccgucaggccccgccaguacugc..... 1
 Gi1_4116859_x2.....gccccgccaguacugcgauccg..... 0
 Gi3_28159372_x2.....gGucggagacgucgugggaacacggggug..... 1
 Gi2_10903273_x2.....gccccgccaguacAgcgauc..... 1

Gi2_10850183_x2.....gucaggccccgcUaguacugcg..... 1
 Gl1a_5902188_x2.....gaucggagacgucguAggaacacggggu..... 1
 Gi5_8780103_x2.....cgugggGacacggggugccga..... 1
 Gi2_10944711_x2.....cccgccaguacugcgauAgg..... 1
 Gi1_4143001_x2.....ccgucaggccccgccaguacugcgau..... 0
 Gi4_564526_x2.....cGcgccaguacugcgauccggagacguc..... 1
 Gi3_28045286_x2.....ucgugggaacacggCgugccgaac..... 1
 Gi2_10864747_x2.....cucguuccgaauaCgaagagaagcgccguc..... 1
 Gi3_28102184_x2.....aggccccgccaguacCgcgau..... 1
 Gi2_10857583_x2.....gucgugggaacacggggGgccg..... 1
 Gi5_8753529_x2.....aggccccgccaguacugUgauc..... 1
 Gi1_4153173_x2.....ggagacgucguggggaacacgggguU..... 1
 Gi3_28195344_x2.....cgucgGgggaacacggggugccgaa..... 1
 Gi2_10833275_x2.....cguAggaacacggggugccga..... 1
 Gi3_28090316_x2.....aCuacugcgauccggagacgucgu..... 1
 Gi3_28113420_x2.....guacugcgNucggagacgucgug..... 1
 Gi4_562892_x2.....aguacugcgauccggagacguc..... 0
 Gi2_10875553_x2.....ucaggccccgccaguGcugcg..... 1
 Gl1a_5950514_x2.....aucggagaUgucgugggaacacggggu..... 1
 Gi1_4091075_x2.....gagacgucguAggaacacggggugcc..... 1
 Gi2_10859905_x2.....ugggaacacgggCugccg..... 1
 Gi2_10885823_x2.....gucaggccccgccGguacugcgau..... 1
 Gi3_28168004_x2.....Caucggagacgucgugggaacacg..... 1
 Gi3_28021538_x2.....Ncgugggaacacggggugccgaacu..... 1
 Gi4_555188_x2.....caggccccgccaguacug..... 0
 Gi2_10896027_x2.....aucggagaUgucgugggaacacggggu..... 1
 Gi2_10864285_x2.....gucgugggaacCcggggugccg..... 1
 Gi2_10894951_x2.....ccUccaguacugcgauccggag..... 1
 Gl1a_5963674_x2.....guAggaacacggggugcc..... 1
 Gi3_28042864_x2.....cgucgugUgaacacggggugccgaacu..... 1
 Gi1_4122201_x2.....ugggaacaAggggugccgaacu..... 1
 Gi2_10882901_x2.....gugggCacacggggugccga..... 1
 Gi3_28016080_x2.....aaAagaagcgccgucagggccccgca..... 1
 Gi1_4105541_x2.....aggccccgccaguacugcgauU..... 1
 Gi2_10991643_x2.....Cacgucgugggaacacggggugcc..... 1
 Gi3_28044364_x2.....caggUcccgccaguacugcgau..... 1
 Gi3_28081868_x2.....cguggAaacacggggugccg..... 1
 Gi3_28113368_x2.....ccgccaguacugcAaucggagacgu..... 1
 Gi3_28126062_x2.....cgucgugggaacacggUgugccgaac..... 1
 Gi3_27996584_x2.....Acgugggaacacggggugc..... 1
 Gi2_10951523_x2.....acgucgugggaacCcggggu..... 1
 Gi1_4143943_x2.....ugggaacacggggugccgaaGu..... 1
 Gi3_28205242_x2.....aucggagacguGuggggaacacg..... 1
 Gi5_8727377_x2.....aucggagaNgucgugggaacacgggg..... 1
 Gi3_28209402_x2.....aucggagacgucgugAgaacacggggugc..... 1
 Gi2_10829211_x2.....gucgugggaacacUgggugccgaacu..... 1
 Gi3_28200934_x2.....gaucgAagacgucgugggaacac..... 1

Gi3_28241732_x2.....ucgugggaacacCgggugccgaacu..... 1
 Gi3_28077624_x2.....gugCgaacacggggugccga..... 1
 Gi2_10976107_x2.....aagagaagNgccgucagggccccgccagua.....aucggagacgucguggAaacacgggu..... 1
 Gi3_28025008_x2.....aagagaagNgccgucagggccccgccagua..... 1
 Gi3_28168812_x2.....aucggagacgucguggUaacacggg..... 1
 Gi3_28160022_x2.....gucguggAaacacggggugccga..... 1
 Gi3_28162798_x2.....gaucggagacgucguggaacGcggggugc..... 1
 Gi3_28138800_x2.....gUccccgccaguaucgcaucgg..... 1
 Gi3_28082510_x2.....gagacgucguggaacCcggggu..... 1
 Gi3_27990414_x2.....ggagacgucguggAaacacggg..... 1
 Gi2_10910645_x2.....acgNcuguggaacacggggugc..... 1
 Gi2_10922909_x2.....gaucggagacgucgugAgaac..... 1
 Gi3_28074110_x2.....ucguggaacacggggugccgGa..... 1
 Gi2_10833139_x2.....guggaacacggggAgccg..... 1
 Gi1_4143681_x2.....Gcugcgaucggagacgucgugga..... 1
 Gi2_10944323_x2.....uggaacacggggGgccg..... 1
 Gi3_27991632_x2.....gaucggCgacgucguggaacacgggu..... 1
 Gi3_27986416_x2.....cccUgccaguaucgcaucggagacgu..... 1
 Gi3_28125192_x2.....caguacugcgauCAgagacgucgug..... 1
 Gi3_28151474_x2.....gaucggagNcugcuguggaacacggggugc..... 1
 Gi3_28136026_x2.....agacgucguggaacacggggCgcc..... 1
 Gi2_10867973_x2.....ccccgccaguaucgcaAc..... 1
 Gi3_27995724_x2.....acgucguggaacacggggGgc..... 1
 Gi2_10963873_x2.....ccccUccaguaucgcaucgg..... 1
 Gi3_28107430_x2.....Cucaggccccgccaguaucgcg..... 1
 Gi5_8803383_x2.....uggaacacggggugccgaacuC..... 1
 Gi3_27986240_x2.....cagggccccgccaguGcugcga..... 1
 Gi2_10973075_x2.....cgUcaguaucgcaucgggaga..... 1
 Gi1_4119585_x2.....cgAagacgucguggaacacggggugcc..... 1
 Gi5_8749177_x2.....ggaacacgggCugccgaacu..... 1
 Gi1_4152381_x2.....cgGggaacacggggugccg..... 1
 Gi4_565140_x2.....cguggaacacggggugccgGacu..... 1
 Gi2_10911045_x2.....aguacugcgGucggagacgu..... 1
 Gi3_28077824_x2.....guacugcgGucggagacgucgug..... 1
 Gi3_28212364_x2.....aAgccccgccaguaucgcaucgggagac..... 1
 Gi2_10886183_x2.....acgucgugggaaAacggggugccgaac..... 1
 Gi3_28056580_x2.....cgaucggGgacgucguggaacacg..... 1
 Gi5_8789333_x2.....gaucggagacgucguAggaaacacgg..... 1
 Gi3_28147950_x2.....ucguggaacGcggggugccga..... 1
 Gi3_28008342_x2.....guggaacacggggNgccgaacu..... 1
 Gi2_10980771_x2.....cgucguggaGcacggggugccga..... 1
 Gi3_28126384_x2.....aucggagacgucguggaUcacgg..... 1
 Gi3_28039276_x2.....gucguggaacacggggugccgaC..... 1
 Gi3_28227428_x2.....cgccaguaucgUaucggagacguc..... 1
 Gi5_8811621_x2.....acgucguggaGcacggggugccgaac..... 1
 Gi3_28073848_x2.....gaagagaagcggcagAc.... 1
 Gi3_28040158_x2.....Cgagacgucguggaacacgggu..... 1

Gi1_4114083_x2.....aucggagaNgucgugggaaacacgggg..... 1
 Gi3_28054886_x2.....agaagcgcgcucagggccccgccG..... 1
 Gi5_8747205_x2.....gacgucgugggaaacCcggggugccgaacu..... 1
 Gi5_8802355_x2.....acCucgugggaaacacggggugccgaacu..... 1
 Gi3_28113004_x2.....aucggagacgucCugggaaacacggggu..... 1
 Gi2_10928321_x2.....ugggaCcacggggugccgaa..... 1
 Gi3_28185572_x2.....cccgccaguacugcgauacAgagacgu..... 1
 G1a_5928102_x2.....Gucggagacgucgugggga..... 1
 Gi1_4117117_x2.....ccgCcaggccccccagucg..... 1
 Gi3_28007564_x2.....gaauuaggaagagaagcgc..... 0
 G1a_5950270_x2.....gccaguacugcgauccggGgacguc..... 1
 Gi3_28029074_x2.....Cacugcgauccggagacguc..... 1
 Gi3_28161866_x2.....gucgugggaaacacggggugGcgaac..... 1
 Gi3_28067618_x2.....ucggagacgucgugggaaacacggggG..... 1
 G1a_5889382_x2.....Uucgugggaaacacggggugccgaa..... 1
 Gi2_10965371_x2.....cUgagacgucgugggaaacacgggg..... 1
 Gi3_28078486_x2.....ucagUccccgccaguacugcgauccgga..... 1
 Gi5_8785417_x2.....cgauccggagacgucgugggaaacacAgg..... 1
 Gi2_10886539_x2.....ggaacacggggugccgaaGu..... 1
 G1a_5885100_x2.....cgucagggccccccaguaUugc..... 1
 Gi3_28055278_x2.....Cagacgucgugggaaacacggggugccgaacu..... 1
 G1a_5876972_x2.....Gaguacugcgauccggagacgucg..... 1
 Gi3_27997460_x2.....aGcggagacgucgugggaaacacggggug..... 1
 G1a_5940878_x2.....aucggagGcgcgucgugggaaacacgggg..... 1
 Gi5_8764523_x2.....ucggagacAucgugggaaacacg..... 1
 Gi3_28057370_x2.....cggagacgucgugggaaacacgAgu..... 1
 Gi5_8803293_x2.....aCcgagacgucgugggaaaca..... 1
 Gi2_10932883_x2.....ugggaacacggggugAcg..... 1
 Gi2_10927537_x2.....cguggUaacacggggugcc..... 1
 G1a_5931792_x2.....cgCcaggccccccagucg..... 1
 Gi3_28103200_x2.....cgccaguCucggaucggagacgu..... 1
 Gi4_561938_x2.....uUggaacacggggugccgaac..... 1
 Gi3_28105008_x2.....Ugaagcgcgcucagggccccgcc..... 1
 Gi2_10956569_x2.....cgAcgugggaaacacggggugccgaac..... 1
 Gi3_28011254_x2.....cccgccaguacugcgauccgA..... 1
 Gi3_28136490_x2.....Uccccgccaguacugcgauccggaga..... 1
 Gi3_28062110_x2.....aucggagacgucgugUgaacacggg..... 1
 Gi4_559618_x2.....agaagcgcgcucagggccc..... 0
 Gi1_4099819_x2.....caggccccccagCacugcg..... 1
 Gi2_10992205_x2.....cgauccggGgacgucgugggga..... 1
 Gi3_27992908_x2.....gacgucgugggaaacacgAggugccgaacu..... 1
 Gi2_10940941_x2.....ugAgaacacggggugccgaa..... 1
 Gi3_28024428_x2.....cgugggaaacaUggggugccgaa..... 1
 Gi3_28052334_x2.....gCacugcgauccggagacguc..... 1
 Gi3_28202132_x2.....aucggagCcgucgugggaaacac..... 1
 Gi1_4132281_x2.....gccaguacugcgauccgga..... 0
 G1a_5918378_x2.....cgugCgaacacggggugccgaacu..... 1

Gi5_8751863_x2.....aucggagaUgucgugggaaacacggggg..... 1
 Gi4_558354_x2.....ggagacgucgugggaaacacggggugcc..... 0
 Gi5_8797781_x2.....aucggagCcgucgugggaaacacg..... 1
 Gi3_27985100_x2.....cggaUacgucgugggaaacacgggg..... 1
 Gi2_10848897_x2.....guUcugcgauccggagacguc..... 1
 Gi2_10886759_x2.....gagaagcgccgucagAccccgc..... 1
 Gi3_28120448_x2.....ccgccaguacCgcgaucggagacguc..... 1
 Gi5_8762525_x2.....gugggaacacAgggugccgaa..... 1
 Gi2_10955855_x2.....gccccgccUguacugcgau..... 1
 Gi5_8786021_x2.....guggUaacacggggugcc..... 1
 Gi5_8792365_x2.....aCgccccccaguacugc..... 1
 Gi1_4090285_x2.....gaacacggggugccgaacG..... 1
 Gi1_4139897_x2.....gagGcgucgugggaaacacggggugccg..... 1
 Gi3_28214636_x2.....cgucgugggaaGcacggggugccgaa..... 1
 Gi1_4132711_x2.....gaacacggggugccgaCc..... 1
 Gi2_10984317_x2.....cgucguggCaacacggggugccgaacu..... 1
 Gi5_8769759_x2.....cguAgugggaacacggggugccgaacu..... 1
 Gi2_10866735_x2.....ucggGgacgucgugggaaaca..... 1
 G1a_5979872_x2.....Gccgccaguacugcgauccggagacguc..... 1
 Gi3_28086756_x2.....aggccccccaguacugcgauccggCgacg..... 1
 Gi2_10911365_x2.....ggagacgucgugggaaCcacggggugc..... 1
 Gi3_28213426_x2.....ucgCgggaacacggggugccg..... 1
 Gi3_28008462_x2.....Cagacgucgugggaaacacg..... 1
 Gi2_10920981_x2.....cgugggaacacggggugccCaac..... 1
 Gi3_28152780_x2.....acgucgugggaaacacgggAugccgaac..... 1
 Gi1_4090067_x2.....gacgucgugggaaacacggggugUcgaacu..... 1
 G1a_5887052_x2.....cggagacgNcguggaaacacg..... 1
 Gi3_28114438_x2.....aucggagacgucCugggaacacgggg..... 1
 Gi1_4156167_x2.....acgucgugggaaacacggAgugcc..... 1
 Gi5_8801087_x2.....Aucgugggaaacacggggugccgaac..... 1
 Gi3_28173372_x2.....ccccAccaguacugcgauccggagacgu..... 1
 Gi5_8764179_x2.....cgucaggcNcccaccaguacugc..... 1
 Gi1_4090983_x2.....gugggaacacggAgugcc..... 1
 Gi2_10950213_x2.....ucguuccgaauuaggaagagaagcgcc..... 0
 Gi3_27991042_x2.....cgUcaguacugcgauccggagacgucgug..... 1
 Gi2_10909949_x2.....gugUgaacacggggugccg..... 1
 Gi2_10907027_x2.....gacgucgugggaaCcacggggugccg..... 1
 Gi2_10899677_x2.....caggccccccaguacugUg..... 1
 Gi2_10975253_x2.....gGcgucgugggaaacacgg..... 1
 Gi2_10933493_x2.....gugggaacacUgggugccgaac..... 1
 Gi2_10836449_x2.....cgauccggaNacgucgugggaaacacggg..... 1
 Gi3_28258590_x2.....agacgucgNgggaacacggggugccga..... 1
 Gi2_10958501_x2.....cgugggaacaUggggugccgaa..... 1
 Gi5_8797871_x2.....Gggagacgucgugggaaacacggg..... 1
 Gi3_28091864_x2.....gucaggcUccgccaguacugc..... 1
 Gi5_8829593_x2.....acgucgugggaaacacggggCgcc..... 1
 Gi1_4133201_x2.....caggccccccaguacugUg..... 1

Gi3_28023966_x2.....cggagacgucgugggaacacggC..... 1
 Gi2_10957553_x2.....gaucggagGcgcgucgugggaacacggggugc..... 1
 Gi3_28229234_x2.....cccgccaguUcugcgauccggagacguc..... 1
 Gi3_28139582_x2.....ggagacgucgugggaacacggggugcUga..... 1
 Gi2_10965689_x2.....gucgugggaacacggggugccgGac..... 1
 Gi2_10844929_x2.....aucggagacgucgugggaacacgAggug..... 1
 G1a_5964980_x2.....aauuaggCagagaagcgcgcguc..... 1
 Gi3_28070622_x2.....ccaguacuNcgauccggagacgucgu..... 1
 Gi2_10842315_x2.....cgugggaacacggggugAcg..... 1
 Gi1_4156689_x2.....acgucgugggCacacggggugcc..... 1
 G1a_5927080_x2.....gugggaacacgggCugccgaacu..... 1
 Gi2_10841879_x2.....cAucaggccccgccaguac..... 1
 Gi3_28148690_x2.....gagacgucgugggaacCcg..... 1
 Gi2_10969365_x2.....ccgucaggccccgccaguaAugc..... 1
 Gi2_10884813_x2.....ucggagacgucgCgggaacacggggugc..... 1
 G1a_5877556_x2.....gugggaacCcggggugccgaac..... 1
 Gi3_28114162_x2.....acgucgugggCacacggggugccgaac..... 1
 Gi3_28081320_x2.....cgucgugggaacacggggugcUgaac..... 1
 Gi2_10874755_x2.....cgucguUggaacacggggugccgaac..... 1
 Gi3_28245304_x2.....gagacgucgugggaacacggggguAccgaacu..... 1
 G1a_5926390_x2.....ucgugggaacacggggugccgCac..... 1
 Gi3_28002284_x2.....gucgugggaacacggggugccCaac..... 1
 G1a_5929818_x2.....aguacugcgGucggagacgucgug..... 1
 Gi2_10974825_x2.....aacacggggugAcgaacu..... 1
 Gi3_28229906_x2.....ucguggUaacacggggugccgaac..... 1
 Gi4_562448_x2.....gAgaacacggggugccgaacu..... 1
 Gi2_10850973_x2.....ugcgauccggagacgucgugggaacacggggugcc..... 0
 G1a_5904258_x2.....cgugggaacacgggCugccgaacu..... 1
 Gi3_28151588_x2.....ucaggccccgccagCacugcg..... 1
 Gi2_10981553_x2.....cccgccaguacCgcgauc..... 1
 Gi3_27988192_x2.....ggccccgcNaguacugcgauccggagac..... 1
 Gi2_10889919_x2.....ucggagacgucguAggaaca..... 1
 Gi2_10958255_x2.....aagcgccgNcaggccccgccaguac..... 1
 Gi2_10983387_x2.....Cacugcgauccggagacgucgugggaaca..... 1
 Gi1_4111317_x2.....ugggaacacgggCugccg..... 1
 Gi3_28109940_x2.....ucggagacgAcgugggaacacgggggu..... 1
 Gi3_28055236_x2.....cucguuccgaauuaggaagagaagcgccg..... 0
 Gi4_557100_x2.....gagaagcgNcgucagggc..... 1
 G1a_5933084_x2.....Uacgucgugggaacacggg..... 1
 Gi1_4104505_x2.....ugggaacacggggugAcg..... 1
 Gi2_10837539_x2.....gggaacacggggugccUaac..... 1
 G1a_5952064_x2.....gaUcacggggugccgaacu..... 1
 Gi1_4118171_x2.....gacgucgugggaacacggggGgcc..... 1
 Gi2_10863939_x2.....gaucggagacgucgugAga..... 1
 Gi3_27991952_x2.....ccccgccGuaucgcauc..... 1
 Gi3_27993186_x2.....gucaggcccUgccaguacugcgauc..... 1
 Gi3_28183690_x2.....gucAugggaacacggggugc..... 1

Gi3_28014496_x2.....aucggagacgucgugggaacacUggg..... 1
 Gi3_28135242_x2.....aucggagacgucUugggaacacggggugc..... 1
 Gi3_28260520_x2.....cgauccggGgacgucguggg..... 1
 Gi2_10985579_x2.....agacgucgNgggaacacggggugc..... 1
 Gi5_8815239_x2.....gugggaacacggggugccAa..... 1
 Gi5_8819157_x2.....ucggGgacgucgugggaacacg..... 1
 Gi2_10897301_x2.....cgAgacgucgugggaacacggggugcc..... 1
 Gi3_28193946_x2.....Caucggagacgucgugggaacacgg..... 1
 Gi5_8816251_x2.....gacgucgugggaacacggggugccgaUcu..... 1
 Gi3_28039124_x2.....ugggaacacggUgugccgaa..... 1
 Gi3_28099836_x2.....cguNgugggaacacggggugcc..... 1
 Gi2_10851589_x2.....ggagacgucgugggGacacggggugc..... 1
 G1a_5968806_x2.....ugggaacacggggugccgaacG..... 1
 Gi2_10924421_x2.....gagaagcgcgucagggccAcgccaguac..... 1
 Gi1_4116953_x2.....acgucguAggaacacggggugccgaacu..... 1
 Gi1_4150617_x2.....ucggGgacgucgugggaacacggggg..... 1
 Gi2_10900667_x2.....ccccgccaguacugcgauccggagacgCc..... 1
 Gi3_28063360_x2.....ucgugggaacacggggGgccgaa..... 1
 Gi1_4150793_x2.....aaNacggggugccgaacu..... 1
 Gi3_28117880_x2.....cggagacgucgugggaacacgggA..... 1
 Gi1_4119901_x2.....agccAcgccaguacugcgauc..... 1
 Gi3_27996412_x2.....aucggagacgucUugggaacacgg..... 1
 G1a_5978024_x2.....guacugcgauccggCgacguc..... 1
 G1a_5916242_x2.....cgugggaacacggAgugccgaacu..... 1
 Gi3_28049154_x2.....cgucagggAccgccaguacugc..... 1
 G1a_5881400_x2.....caggccccgccGguacugcgau..... 1
 Gi3_28182226_x2.....ggaacacggggugccgaaGu..... 1
 Gi5_8772941_x2.....gucgugCgaacacggggugccgaacu..... 1
 Gi3_28076656_x2.....cccgccUguacugcgauccggagacgu..... 1
 Gi3_28137316_x2.....gaGgagaagcgcgucaggg..... 1
 Gi1_4096115_x2.....agacgucgugggaGcacgggg..... 1
 Gi2_10952505_x2.....ccaguacugcgauccggagacgucgug..... 0
 Gi3_28231968_x2.....ccgucagggcccUgccaguac..... 1
 Gi3_28117766_x2.....gaucggCgacgucgugggaacac..... 1
 Gi2_10965385_x2.....cgucgugggaacacggggugcAga..... 1
 Gi3_28242634_x2.....aucggagacgucgugggaacaUggggugcc..... 1
 Gi1_4150557_x2.....ccgccaguacugcgauccggagacgA..... 1
 Gi2_10937979_x2.....aucggagacgucAuggggaacacggg..... 1
 Gi3_28170112_x2.....ucagggAccgccaguacugcg..... 1
 Gi2_10962007_x2.....ucgugggaGcacggggugccgaa..... 1
 Gi2_10986085_x2.....Ngaacacggggugccgaa..... 1
 Gi1_4125181_x2.....gaucggagacgucgugggaacacggggU..... 1
 Gi3_28095250_x2.....cgucagggccccGcaguacugc..... 1
 Gi2_10920821_x2.....gagacguAuggggaacacggggugc..... 1
 Gi5_8792053_x2.....gugggaacacggggugcGgaac..... 1
 Gi2_10832709_x2.....cAccgucagggccccgccaguacugc..... 1
 Gi5_8802959_x2.....gugggaacacgggAugcc..... 1

Gi2_10915091_x2.....aucggagacgCcgugggaa..... 1
 Gi3_28142422_x2.....ucUggccccgccaguacugcga..... 1
 Gi2_10984739_x2.....aucggagacgucgugggaaGacggggugcc..... 1
 Gi2_10874173_x2.....ucagUccccgccaguacug..... 1
 Gi2_10902023_x2.....Agccccgccaguacugcga..... 1
 Gi2_10885701_x2.....cgucgugggaaacacggggugccgaG..... 1
 Gi3_28040506_x2.....gccgucaggccccccaUuacugcg..... 1
 Gi3_28024012_x2.....auAgggagacgucguggga..... 1
 Gi3_28202836_x2.....cggagacgucguUggaacacggggugcc..... 1
 Gi1_4140723_x2.....aucAgagacgucgugggaaacacg..... 1
 Gi1_4146809_x2.....Gggagacgucgugggaaacacggg..... 1
 Gi2_10879233_x2.....caguacugcgauccggUgacgucg..... 1
 Gi2_10863101_x2.....ucgugggaGcacggggugcc..... 1
 Gi5_8732153_x2.....gccccgccaguacugcgGucgga..... 1
 Gi2_10905399_x2.....gacgucgugggCacacggggugccgaacu..... 1
 Gi2_10919359_x2.....gucaggccccgccaguaUugc..... 1
 Gi3_28221306_x2.....ucgugggaaacacgggguUccgaacu..... 1
 Gi5_8779835_x2.....cUccgccaguacugcgauccggagacg..... 1
 Gi5_8768759_x2.....ggaacacggggugccgaa..... 0
 Gi3_27983876_x2.....Caucggagacgucgugggaaacacggggugc..... 1
 Gi2_10938691_x2.....cgucaggcUccgccaguacugc..... 1
 Gi2_10829419_x2.....auAgggagacgucgugggaaacacggg..... 1
 Gi3_28038806_x2.....acugcgauccggaUacgucgu..... 1
 Gi3_28111774_x2.....cccGAcaguacugcgaucc..... 1
 Gi2_10922995_x2.....acgucguAggaacacggggugccgaac..... 1
 Gi2_10964205_x2.....ucggagacgucgugggaaGcacggggu..... 1
 Gi2_10854383_x2.....cgucaggccccUgccaguacugcg..... 1
 Gi5_8773727_x2.....ggaacacggggugccgGac..... 1
 Gi3_28259858_x2.....caggccccgccaguaUugcgau..... 1
 Gi1_4092105_x2.....cgucgugggaaacGcggggugcc..... 1
 Gi2_10916307_x2.....Accaguacugcgauccggagacguc..... 1
 Gi2_10953969_x2.....ucaggccccgccGguacugcgaucc..... 1
 Gi3_28097060_x2.....agUccccgccaguacugcgauccggagacg..... 1
 Gi1_4139261_x2.....gaagagaagcggcucaggccccgcc..... 0
 Gi3_28037720_x2.....ccaguacCgcgauccggagacgucgug..... 1
 Gi5_8827237_x2.....ucaggccccgccaguacugcgaucc..... 0
 Gi1_4132445_x2.....acgucgugggaaacacggAgugccgaacu..... 1
 Gi2_10938677_x2.....gaucggagUcgucgugggaaacacggggu..... 1
 Gi2_10927029_x2.....cgccaguacugcUaucggagac..... 1
 Gi5_8817341_x2.....ucgugggGacacggggugccgaac..... 1
 Gi3_28015966_x2.....aCaagcgccgucaggccccgcca..... 1
 Gi3_28170830_x2.....ggccAcgccaguacugcgaucc..... 1
 Gi2_10965715_x2.....aGugcgauccggagacgucgugg..... 1
 Gi5_8797611_x2.....cgugggaaacacggggugccgUac..... 1
 Gi3_28185946_x2.....cgauccggagGcgucguggg..... 1
 Gi2_10950255_x2.....agacgucgugggaaAacggggugc..... 1
 Gi3_27980382_x2.....Gccccgccaguacugcgaucc..... 1

Gi2_10948207_x2.....gccccgccaguCcuugcgau..... 1
Gi1_4134773_x2.....cggagacgucgugggaaAacggggugc..... 1
Gi2_10889875_x2.....aucggCgacgucgugggaa..... 1
Gi2_10876251_x2.....gucaggccccgccaguacugcA..... 1
Gi2_10899685_x2.....ucGggccccgccaguacugc..... 1
Gi2_10929885_x2.....ccUccaguacugcgagcg..... 1
Gi5_8774219_x2.....aucggagGcgucgugggaaacacgg..... 1
Gi5_8829257_x2.....cguggaaacacgAggugcc..... 1
Gi5_8733095_x2.....caggccUcgccaguacugcg..... 1
Gi1_4114699_x2.....caggccccgccaguacCgc..... 1
Gi2_10843535_x2.....Agugggaacacggggugccg..... 1
Gi3_28049686_x2.....gggaacacggggugccgaGcuu..... 1
Gi2_10926955_x2.....cgucgugggaaacacgggAugccga..... 1
Gi2_10888247_x2.....uacNcgauccggagacgucgug..... 1
Gi2_10949707_x2.....gaagcgccgucagggUcc..... 1
Gi2_10954097_x2.....caggccccccaCuacugcg..... 1
Gi3_28069094_x2.....guNugggaacacggggugccgaacu..... 1
Gi5_8774751_x2.....cgucUugggaacacggggugccgaac..... 1
Gi3_28156828_x2.....aggccUcgccaguacugcgauccga..... 1
Gi5_8752233_x2.....cgucUugggaacacggggugc..... 1
Gi3_28082946_x2.....cgucagggccccgAcaguacugcg..... 1
Gi3_28037512_x2.....gacgucgugggaaacaUggggugccgaacu..... 1
Gi5_8776153_x2.....ugcgauccggagacgucgugggC..... 1
Gi2_10873739_x2.....gaucAgagacgucgugggga..... 1
Gi1_4152801_x2.....caggccccNccaguacugc..... 1
G1a_5907902_x2.....gucgugggaaacacggggugccgGacu..... 1
Gi2_10857741_x2.....ccgucagggccccgccagCacugc..... 1
Gi5_8782821_x2.....cGgucagggccccgccaguacugcg..... 1
Gi2_10877661_x2.....cgucagggUccgccaguacug..... 1
Gi1_4153781_x2.....gucgugggaaacacggggCgcccgaac..... 1
G1a_5975062_x2.....gaCcgagacgucguggg..... 1
Gi5_8825617_x2.....gacgucgCgggaacacggggugccg..... 1
Gi3_28135256_x2.....cggCgacgucgugggaaacacggggu..... 1
Gi2_10854811_x2.....cGgucagggccccgccaguacugcgaucc..... 1
Gi5_8812003_x2.....aucggagacgucguAggaacacggg..... 1
Gi5_8787953_x2.....cgccgucagggccccgccag..... 0
Gi2_10897685_x2.....gacgucgugggaaacacggggugccgUacu..... 1
Gi2_10871399_x2.....aagcUccgucagggccccgccaguacugc..... 1
Gi3_28113160_x2.....gggaCcacggggugccgaa..... 1
G1a_5964546_x2.....cguAggaacacggggugccgaacu..... 1
Gi1_4092417_x2.....acgAcgugggaaacacggggugccgaacu..... 1
Gi3_28027242_x2.....cggagacgucgugggaaacacAggggu..... 1
Gi1_4126551_x2.....ucgugggaaacGcggggugccgaac..... 1
Gi2_10925227_x2.....guCggaacacggggugccgaac..... 1
Gi1_4153039_x2.....cgucguggAaacacggggugccgaacu..... 1
Gi3_28219172_x2.....cccgccaguacugcgauccAg..... 1
Gi2_10882277_x2.....gUgaagcgccgucagggccccgccag..... 1

Gi2_10829705_x2.....aucggagCcgucgugggaacacggggugc..... 1
 Gi3_28031826_x2.....ggagacgucgugUgaacacggggugccg..... 1
 Gl1a_5892250_x2.....ggaacacggggugccgaaAu..... 1
 Gl1a_5915188_x2.....cagCacugcgauccggagacguc..... 1
 Gi3_28012386_x2.....cgugggaacacUggggugc..... 1
 Gi3_28182410_x2.....ucgugggaacacAgggugccg..... 1
 Gi3_28114254_x2.....Cggccccgccaguacugcgauccgga..... 1
 Gl1a_5927938_x2.....gggUacacggggugccgaacu..... 1
 Gi3_28169862_x2.....acugcgauccggagacguUgug..... 1
 Gi1_4100523_x2.....Ccaggccccgccaguacugcg..... 1
 Gi1_4124125_x2.....gaaAagaagcgccgucaggg..... 1
 Gi3_28104282_x2.....gaaAagaagcgccgucaggg..... 1
 Gl1a_5907232_x2.....acugcguggGacacggggg..... 1
 Gi1_4149933_x2.....Ggggaacacggggugccgaa..... 1
 Gi3_28177240_x2.....agggccccccaguacugAgau..... 1
 Gi2_10936481_x2.....agggccccccagCacugcg..... 1
 Gi1_4117965_x2.....gaaacacgAgugccgaac..... 1
 Gi5_8729121_x2.....gaucggagacgucgugggaacaAgg..... 1
 Gi3_28035482_x2.....acugcgugggaacacggggGgccga..... 1
 Gi1_4097963_x2.....ucgugggaacacgUgugcc..... 1
 Gi3_28096118_x2.....gagacgCcgugggaacacg..... 1
 Gi5_8814301_x2.....Gcgccaguacugcgauccggaga..... 1
 Gi2_10926605_x2.....gugggaacacggggugGcg..... 1
 Gi3_28007234_x2.....gucagggcUcgccaguacugcg..... 1
 Gl1a_5884554_x2.....cgccGguacugcgauccggagacguc..... 1
 Gi3_28151726_x2.....uGggagacgucgugggaacac..... 1
 Gi3_28054708_x2.....cgucgugggaacaUggggg..... 1
 Gi2_10970933_x2.....ccgccaguacCgcgauccggag..... 1
 Gi3_28020372_x2.....gucagggccccccaguCcgcgaucc..... 1
 Gi2_10947901_x2.....cagNccccgccaguacugcgaucc..... 1
 Gi1_4153639_x2.....agacgucgugggaacacggggAgccgaacu..... 1
 Gi3_28127186_x2.....ggagacgCcgugggaacacggggugcc..... 1
 Gl1a_5916678_x2.....guacugcgGucggagacguc..... 1
 Gi3_28011654_x2.....cgugggaacacggggugccgCa..... 1
 Gi2_10876279_x2.....gacgucgugggaacacggggugcUg..... 1
 Gl1a_5962976_x2.....gugggaacacAgggugccga..... 1
 Gi4_562384_x2.....ggaacacgNggugccgaac..... 1
 Gi2_10839501_x2.....agacgucguggGacacggggugc..... 1
 Gi3_28017780_x2.....acugcgugggaacaUggggugcc..... 1
 Gl1a_5949652_x2.....cagggccccccaguacCcgcau..... 1
 Gi3_28049906_x2.....ggagacgucgugggaacacggAgu..... 1
 Gl1a_5907070_x2.....guacugcgauccggGgacguc..... 1
 Gi2_10894573_x2.....gUgacgucgugggaacacggggugccgaacu..... 1
 Gi3_28051790_x2.....cUcgccaguacugcgauccggag..... 1
 Gi2_10986087_x2.....cggagacgucgugAgaacacggggugc..... 1
 Gi2_10832885_x2.....cggagacAucgugggaacacggggugccgaacu..... 1
 Gi2_10881825_x2.....aagagaagUgcccugagggc..... 1

Gi2_10851835_x2.....ucaggccUcgccaguacugcgauc..... 1
 Gi3_28165790_x2.....gacgAcgugggaacacggggugccgaacu..... 1
 Gi5_8821819_x2.....aCcgagacgucgugggaacacgggg..... 1
 G1a_5939680_x2.....gagaagcgccgucaggccccgccaguacug..... 0
 Gi3_27992782_x2.....ggGgacgucgugggaacacggggugcc..... 1
 Gi1_4157797_x2.....gugCgaacacggggugccgaacu..... 1
 Gi1_4112477_x2.....ucgugggaacacggggugccgaaUu..... 1
 Gi1_4112913_x2.....ggagacgucgugggaacacggggAgccg..... 1
 G1a_5883136_x2.....guggUaacacggggugccga..... 1
 G1a_5939222_x2.....gaucggagacgucgugggCa..... 1
 Gi2_10849799_x2.....Ucgucaggccccgccaguacugc..... 1
 Gi2_10845235_x2.....aggccccgccaguaUugcgauccgga..... 1
 Gi3_28219220_x2.....Aaucggagacgucgugggaacacggggugcc..... 1
 Gi3_28128494_x2.....guGugggaacacggggugccgaacu..... 1
 Gi2_10913127_x2.....agacgucgugggaacacggggCgccga..... 1
 Gi5_8783161_x2.....Aucgugggaacacggggugccgaa..... 1
 Gi2_10893231_x2.....aucggagacgCguggga..... 1
 Gi3_28151552_x2.....cggagaUgucgugggaacacggggugcc..... 1
 Gi3_28183748_x2.....ucgCgggaacacggggugccgaa..... 1
 Gi3_28075726_x2.....aucggagacgucgugggaacacggggAgc..... 1
 Gi1_4156795_x2.....ucgugggaacacUgggugccgaac..... 1
 Gi5_8825471_x2.....Gcaguacugcgaucggagacgu..... 1
 Gi2_10980135_x2.....cguUgugggaacacggggugccgaac..... 1
 Gi1_4123699_x2.....cgugggaacacggggUaccg..... 1
 Gi3_28242760_x2.....Ugcgccgucaggccccgcc..... 1
 Gi3_28164150_x2.....cgucgugggaacaUggggugccga..... 1
 Gi2_10963525_x2.....cggagacgucgugggaacGcggggugc..... 1
 Gi2_10846593_x2.....cgugggaaUacggggugccgaa..... 1
 Gi2_10981571_x2.....cgucgugggaacacggggugcUgaac..... 1
 Gi2_10943447_x2.....ucguuccgaauuaggaagagaagc..... 0
 G1a_5944912_x2.....cgugggaacacggUgugccgaacu..... 1
 Gi3_28034588_x2.....gucaggcUccgccaguacugcgauc..... 1
 Gi5_8804191_x2.....cgugggaacacggggugccgaC..... 1
 Gi1_4117193_x2.....ucgugggaacacggggugcA..... 1
 Gi2_10933189_x2.....gaucgAagacgucgugggaacacggggugc..... 1
 Gi1_4131425_x2.....cCucgugggaacacggggugcc..... 1
 Gi3_28201822_x2.....ccccgccaguacugcgaucggCgagc..... 1
 Gi3_28044284_x2.....aggccccgccaguCcugcgau..... 1
 Gi4_566822_x2.....aGcacggggugccgaacu..... 1
 Gi3_28101492_x2.....cgugggaacacggggugU..... 1
 G1a_5957058_x2.....Gagagaagcgccgucaggccccgcc..... 1
 Gi3_28172580_x2.....gucgugggUacacggggugcc..... 1
 Gi2_10955383_x2.....ggaacaGggggugccgaacu..... 1
 Gi1_4115813_x2.....gggaaAacggggugccgaacu..... 1
 Gi5_8795031_x2.....cagAccccgccaguacugc..... 1
 Gi3_28245060_x2.....gUgccgucaggccccgccaguacugc..... 1
 Gi3_28022040_x2.....caggGccccgccaguacugcga..... 1

Gi3_28259082_x2.....agagaagcgccguUagggccccgcca..... 1
 Gi2_10989689_x2.....aggccccgccUguacugc..... 1
 G1a_5938698_x2.....gugggaacacggggugccgCac..... 1
 Gi2_10925703_x2.....caguacugcgauccggagacgCc..... 1
 Gi1_4143731_x2.....Cggaacacggggugccgaacuu..... 1
 Gi2_10839399_x2.....ucggUgacgucguggggaacacg..... 1
 Gi3_28062322_x2.....Gaggccccgccaguacugcgauccggagac..... 1
 Gi2_10946593_x2.....caggccccAccaguacugcgau..... 1
 Gi1_4132253_x2.....gggaacacggggugccgaaUu..... 1
 Gi3_28171436_x2.....cCgagacgucguggggaacacggg..... 1
 Gi3_28093608_x2.....agacgucguggggaacaUggggugccgaacu..... 1
 G1a_5940784_x2.....Gcgucguggggaacacggggg..... 1
 Gi2_10983665_x2.....gaucggagacgucguggggaacacggggA..... 1
 Gi2_10935153_x2.....aucggagacgucgugggAaacacggggugcc..... 1
 Gi3_28227088_x2.....cccgccUguacugcgau..... 1
 Gi1_4119587_x2.....acugcgauAggagacgucg..... 1
 Gi3_28233290_x2.....Accgccaguacugcgauccggag..... 1
 Gi2_10871509_x2.....cggagacgucguggggaacC..... 1
 Gi5_8724763_x2.....gagacgucguggggaacacggggCgccaacu..... 1
 Gi3_28211524_x2.....gucaggUcccgccaguacugcg..... 1
 Gi3_28239358_x2.....cgucUugggaacacggggugccgaa..... 1
 Gi2_10904759_x2.....Agucguggggaacacggggugccgaac..... 1
 Gi5_8718225_x2.....gagacgucguggggaacacggggugcUgaacu..... 1
 Gi2_10982853_x2.....Cgggagacgucguggggaacacggggugc..... 1
 Gi3_28026600_x2.....gCacugcgauccggagacg..... 1
 Gi3_28016690_x2.....cccgccagCacugcgauccggagacguc..... 1
 G1a_5928576_x2.....guggUaacacggggugcc..... 1
 Gi3_28108522_x2.....cCaucggagacgucguggg..... 1
 Gi4_564222_x2.....cgugggaacacggggCgccaacu..... 1
 Gi3_28167592_x2.....agacgucguggggaacacggggAugccaacu..... 1
 Gi5_8736563_x2.....Ggggagacgucguggggaacacg..... 1
 Gi3_27994090_x2.....gacgucgugggGacacgg..... 1
 Gi1_4128487_x2.....gugggaacacggggUccaacu..... 1
 Gi2_10979939_x2.....gggagacgucguggggaacacggggC..... 1
 G1a_5902340_x2.....cgucguggggaacacggggGgccaacu..... 1
 Gi2_10937129_x2.....ucgugggaacUcggggugccgaa..... 1
 Gi2_10872181_x2.....ccgucaggcccUgccaguacugcg..... 1
 Gi2_10830465_x2.....ccccUccaguacugcgauccgga..... 1
 Gi3_27981546_x2.....gugggaaGacggggugccgaa..... 1
 Gi2_10933579_x2.....gaucggagacgucguggggaacaUg..... 1
 Gi3_27991268_x2.....cgucguggggaacacCgggugc..... 1
 Gi1_4155297_x2.....Cugggaacacggggugccgaacuu..... 1
 Gi2_10856603_x2.....aucggagacgucgUAggaaca..... 1
 Gi1_4103487_x2.....Augggaacacggggugccgaa..... 1
 Gi2_10951155_x2.....caggGccccgccaguacugcgau..... 1
 Gi3_28061526_x2.....aCagaagcgccgucagggccccgc..... 1
 G1a_5962694_x2.....ggagacgucgugggAca..... 1

Gi1_4143619_x2.....	gagacgucgugggaaacacg.....	0
Gi3_28184880_x2.....	caAuacugcgauccggagacgucgug.....	1
Gi3_28156956_x2.....	cguggCaacacggggugcc.....	1
Gi5_8725531_x2.....	aggccccgAcaguacugcgau.....	1
Gi2_10840733_x2.....	aagcgccgNcaggccccccaguacugc.....	1
Gi3_28049886_x2.....	cgagacguAgugggaacacggggu.....	1
Gi5_8780763_x2.....	cgugggaGcacggggugccga.....	1
Gi1_4138555_x2.....	gugggaacacggggCgccg.....	1
Gi5_8718759_x2.....	guggAaacacggggugccgaacuu.....	1
Gi2_10916585_x2.....	aucggagacgucgAgggaacacggg.....	1
Gi2_10860071_x2.....	cUccaguacugcgauccggagacgucgu.....	1
Gi2_10898559_x2.....	cgagacgucgugggaUcacggggugcc.....	1
Gi2_10850035_x2.....	ucggagacgucgugggaacacggggAgcc.....	1
Gi3_27980890_x2.....	gaUgagaagcgccgucagg.....	1
Gi3_28032234_x2.....	cgaCcgagacgucguggg.....	1
Gi3_28239506_x2.....	cgucgugggaacacggUgugccg.....	1
Gi5_8747075_x2.....	Aaucggagacgucgugggaacacgg.....	1
Gi3_28031476_x2.....	aucggagacgucgCgggaacac.....	1
Gi5_8743765_x2.....	cgugggaacacggggugcU.....	1
Gi1_4120139_x2.....	Uggccccgccaguacugcgau.....	1
Gi1_4133275_x2.....	Agagacgucgugggaacacggggugccgaac.....	1
Gi2_10908667_x2.....	Cggaacacggggugccgaa.....	1
Gi2_10922357_x2.....	agAacugcgauccggagacgu.....	1
Gi3_27990322_x2.....	cgAcgugggaacacgggg.....	1
Gi3_28132138_x2.....	acgucgugggaacacggCgugccgaac.....	1
Gi3_28178040_x2.....	aacacggggugccgaaUuu.....	1
Gi2_10944571_x2.....	agCacugcgauccggagacguc.....	1
Gi3_28169928_x2.....	gaucggagaUgucguggg.....	1
Gi2_10928835_x2.....	Cucaggccccccaguacugcgau.....	1
Gi3_28134998_x2.....	gaagcgccgucaggccccccUguacugc.....	1
Gi1_4134493_x2.....	cgagacgNcgugggaacacggggu.....	1
Gi3_28101444_x2.....	aagcgccgucaggccccccagCacugc.....	1
Gi5_8734731_x2.....	acgucgugggaacacggggugccgaGc.....	1
Gi1_4097495_x2.....	ugggaacUcggggugccgaac.....	1
Gi2_10898275_x2.....	Ugacgucgugggaacacggggugccgaac.....	1
Gi1_4126135_x2.....	Cgagaagcgccgucaggccccgc.....	1
Gi2_10976997_x2.....	ugggaacacgggguCccgaac.....	1
Gi3_28214748_x2.....	gagacgucgugggaacacggggCgccgaac.....	1
Gi1_4148643_x2.....	cguNcugggaacacggggugccgaac.....	1
Gi3_28173416_x2.....	agacgucgugggaacacggggugUc.....	1
Gi1_4118895_x2.....	acgucgugggaacacggg.....	0
Gi2_10969503_x2.....	cccgUaguacugcgauccggagacguc.....	1
Gi3_28023456_x2.....	caguacugcgauUggagacguc.....	1
G1a_5912624_x2.....	Caucggagacgucguggga.....	1
Gi2_10991897_x2.....	aggccccgccGguacugcgauccg.....	1
Gi3_28260314_x2.....	agcgccgucaggccccccCgu.....	1
Gi3_28149706_x2.....	agacgucgugAgaacacggggugccgaac.....	1

Gi2_10850481_x2.....agggccccccagacuagcGucgga..... 1
Gi2_10901013_x2.....gAagacgucgugggaacacggggugc..... 1
Gi5_8823893_x2.....cguAggaacacggggugccga..... 1
Gi3_28221492_x2.....gaucggagacgucgugggaacacgggA..... 1
Gi3_28059270_x2.....ucaggccccccagacuAgcg..... 1
Gi1_4133549_x2.....ucgugggaacacggggugccgaacAu..... 1
Gi5_8804041_x2.....gugggaacacggggGgccgaacuuu..... 1
Gi2_10986747_x2.....acgucgugggaacacgggCgugcc..... 1
Gi5_8802797_x2.....acgucgugggaacacggggugccgaacG..... 1
Gi1_4097397_x2.....ugggaacacggggugccgC..... 1
Gi2_10843569_x2.....gggaaGacggggugccgaacu..... 1
Gi2_10952389_x2.....gaGcggagacgucgugggaaca..... 1
Gi1_4135921_x2.....guUaggccccccagacuagc..... 1
Gi2_10907903_x2.....ggagGcgcgucgugggaacacg..... 1
Gi1_4106881_x2.....aucgUagacgucgugggaacacggggg..... 1
Gi5_8751919_x2.....gucgugggaacacggggGgccgaac..... 1
G1a_5962704_x2.....Uaucggagacgucgugggaacacg..... 1
G1a_5925530_x2.....gggaacacggggugUcgaacu..... 1
Gi5_8730307_x2.....cAccaguacugcgaucggagacgu..... 1
Gi3_27984096_x2.....aagcgccgucagggccccccaguc..... 1
Gi2_10859427_x2.....Uucggagacgucgugggaacacggggug..... 1
G1a_5961466_x2.....gccagacuacCgcgaucggagacguc..... 1
Gi3_28004736_x2.....gucAugggaacacggggugcc..... 1
Gi3_28004910_x2.....ucaggccccNggcagacuagcgaucgg..... 1
Gi2_10849243_x2.....caggccccccagacuGcug..... 1
Gi2_10900717_x2.....gagacgucgugggGacacggggug..... 1
Gi2_10849411_x2.....gaagagaagcgccgucGggcccc..... 1
G1a_5915572_x2.....gugggaacacgUggugccga..... 1
Gi3_28115308_x2.....gccccgccagacuagcAau..... 1
Gi3_28030584_x2.....ccccgccGguacugcgaucgga..... 1
Gi1_4106151_x2.....cgugggaacacggggugccgCac..... 1
Gi3_28187768_x2.....aucggagacgucgugggaacacgggAugcc..... 1
Gi2_10950739_x2.....gaucggagacgucgugggaacGcggggugc..... 1
Gi1_4126445_x2.....gucgugggCacacggggugcc..... 1
Gi3_28107654_x2.....Ccggagacgucgugggaacacg..... 1
Gi1_4149347_x2.....gugggaacacgggCugccgaacu..... 1
Gi1_4126579_x2.....cgugggaacacAgggugccgaacu..... 1
Gi2_10968607_x2.....cUaucggagacgucgugggaacacggggugcc..... 1
Gi3_28060804_x2.....cCucgugggaacacggggugccgaa..... 1
Gi3_28165908_x2.....aaNacggggugccgaacu..... 1
Gi3_28224952_x2.....agacgCcgugggaacacggggugccgaac..... 1
G1a_5976884_x2.....cgugggaacGcggggugcc..... 1
Gi2_10862219_x2.....cgugggaacacgggguAc..... 1
G1a_5885072_x2.....guacugcgaucggagGcuc..... 1
Gi5_8772565_x2.....cugcgaucggagacgucgC..... 1
Gi3_28231924_x2.....gaucggagacgucgugggaacacggggugccgaa..... 0
Gi3_28257918_x2.....Ccgcgugggaacacggggugcc..... 1

Gi2_10926381_x2.....ugggaacacggggugccgaaGu..... 1
G1a_5925190_x2.....Cccaguacugcgauccggagacguc..... 1
Gi4_566500_x2.....ugggaacacggggugccgaacuA..... 1
Gi1_4131707_x2.....gacgCcgugggaaacacggggugccgaacu..... 1
Gi5_8789829_x2.....aucggagacgucgugggGacacgggg..... 1
Gi1_4138931_x2.....acugcgauccggCgacgucg..... 1
Gi5_8808935_x2.....aucgUagacgucgugggaaacacgg..... 1
Gi4_558578_x2.....ugggaacacggggugccgGacu..... 1
Gi1_4111519_x2.....gCgggaacacggggugccgaacuu..... 1
G1a_5952220_x2.....caggccccgccaCuacugcgau..... 1
Gi2_10837585_x2.....gucaAgccccgccaaguacugc..... 1
Gi3_28152106_x2.....cccgccaguGcugcgauccg..... 1
G1a_5900890_x2.....Ugucgugggaaacacggggugccgaacu..... 1
Gi5_8775467_x2.....gggaacaGggggugccgaacu..... 1
Gi5_8786763_x2.....Cucggagacgucgugggaaacacg..... 1
G1a_5900360_x2.....gCgggaacacggggugccga..... 1
G1a_5894830_x2.....Ggcgaucggagacgucgug..... 1
Gi3_28167668_x2.....aggccccgccaCuacugc..... 1
Gi2_10842695_x2.....uGggagacgucgugggaaacacggggugc..... 1
Gi5_8728983_x2.....gUagacgucgugggaaacacggggugccgaacu..... 1
Gi2_10914495_x2.....cgugUgaacacggggugccg..... 1
Gi3_28257988_x2.....gggaacacgAggugccga..... 1
Gi2_10871215_x2.....aucggagacgCcgugggaaacacgggg..... 1
Gi5_8749113_x2.....ucguuccgaauuaggaagagaagcgc..... 0
Gi5_8723941_x2.....gagacgucNugggaacacggggugccgaacu..... 1
G1a_5912914_x2.....Ggaagcgccgucagggcc..... 1
Gi5_8828775_x2.....ugggaacacggggugUcgaac..... 1
Gi2_10849375_x2.....gacgCcgugggaaacacggggg..... 1
Gi1_4126433_x2.....ucggGgacgucgugggaaacacg..... 1
G1a_5902016_x2.....gGcugggaaacacggggugccga..... 1
G1a_5905272_x2.....Uagaagcgccgucagggcc..... 1
Gi2_10954717_x2.....cccgccaguacugcgauccggagacgC..... 1
Gi3_28166652_x2.....ggagacgucgugggGacacggggugccg..... 1
Gi3_28215254_x2.....ugggaacacgggggUccg..... 1
Gi3_28159950_x2.....guacugcgauccggagacgCcgug..... 1
Gi3_28190546_x2.....ccccgccaguGcugcgau..... 1
Gi5_8808343_x2.....gacgucgugggaaacacAgggugccgaacu..... 1
Gi2_10899171_x2.....ggagacgucgugggaaacaUggggugc..... 1
Gi2_10939987_x2.....uacugcgaNcggagacgucgug..... 1
Gi1_4119241_x2.....gugggGacacggggugcc..... 1
Gi2_10952529_x2.....cguCggaacacggggugccgaac..... 1
Gi5_8827441_x2.....gggaacacggggugccUaac..... 1
Gi2_10966235_x2.....caggccccgAcaguacugcgau..... 1
Gi2_10876257_x2.....gaucggagacgucgugggaaUacggggug..... 1
Gi3_28259280_x2.....gagaagcgccgucagggccccgCg..... 1
Gi3_28108864_x2.....cgGucggagacgucgugggaaacacgggg..... 1
Gi3_28203946_x2.....ucGggccccgccaaguacugcgauccggag..... 1

Gi2_10841181_x2.....cGgccaguacugcgauccg..... 1
Gi2_10899655_x2.....cgagacgucgugggaaacacgAggugcc..... 1
Gi3_28152088_x2.....cgGcugggaaacacgggg..... 1
G1a_5940748_x2.....ggaUcacggggugccgaacu..... 1
Gi5_8789719_x2.....cUgagacgucgugggaaacacggggugcc..... 1
Gi3_28006282_x2.....ucaggccccgcAaguacugcgaucc..... 1
Gi3_28098028_x2.....gucaggccccgccGguacugcg..... 1
Gi3_28096430_x2.....ucagUccccgccaguacug..... 1
Gi5_8799865_x2.....gucgGggaaacacggggugccgaac..... 1
Gi2_10938781_x2.....gaAcggagacgucgugggaaacacggg..... 1
Gi2_10976441_x2.....gagacgucgugggaaacacgggAugcc..... 1
Gi2_10865109_x2.....ggagacgucgugggaaacacggggUacc..... 1
Gi3_28245116_x2.....agcgcccgucagccUcgccaauac..... 1
Gi2_10976689_x2.....cgucaggccccgccAauacugc..... 1
Gi1_4114499_x2.....gUgagcugcugggaaacacggggugccgaa..... 1
Gi3_28140428_x2.....aucggagCcgucgugggaaacacgggg..... 1
Gi3_28125734_x2.....cgGcugggaaacacggggugc..... 1
Gi3_28115508_x2.....ucgggagcugcuggggCacac..... 1
Gi2_10909773_x2.....caggccccgccaguacugcgauAgga..... 1
Gi3_28165772_x2.....gacgucgugggaaacacggggugAcgaa..... 1
Gi3_28048812_x2.....acgucgugggaaacacgAggugccgaac..... 1
G1a_5892716_x2.....aAcggagacgucgugggaaacacggggugcc..... 1
Gi2_10851139_x2.....ucGggccccgccaguacug..... 1
Gi4_553922_x2.....cgCcaggccccgccaguacugc..... 1
Gi1_4103325_x2.....guggAaacacggggugccgaac..... 1
Gi1_4132743_x2.....gaucggagacgucgugggaaaca..... 0
Gi2_10945165_x2.....cgucgugggaaacacggggugccgaCc..... 1
Gi2_10975245_x2.....agUcgucgugggaaacacggggugccgaac..... 1
Gi2_10945599_x2.....cAugggaaacacggggugccg..... 1
Gi3_28179822_x2.....ucaggccccgccaguacugcgauccC..... 1
Gi3_28119844_x2.....auAggagacgucgugggaaacacggggugcc..... 1
Gi3_28128170_x2.....gaucggagGcgucgugggaaacacggggugc..... 1
Gi5_8759569_x2.....cguggaaacacggggugcAgaac..... 1
Gi5_8746157_x2.....caguacugcgauccgGgacguc..... 1
Gi3_28167826_x2.....ggagacgucgugggGacacgg..... 1
Gi3_28100664_x2.....cCcaguacugcgauccggagacg..... 1
Gi2_10972775_x2.....ucgugggaaUacggggugccgaac..... 1
Gi3_27993880_x2.....Aaagagaagcggcugcagc..... 1
Gi2_10915639_x2.....caggccccgAcaguacug..... 1
Gi5_8798731_x2.....cAgagacgucgugggaaacacggggugccga..... 1
Gi2_10888657_x2.....agacgucgugggaaacacggggugccga..... 1
Gi2_10974941_x2.....Uacgucgugggaaacacggggugccga..... 1
Gi5_8757785_x2.....cguggaaacacAgggugcc..... 1
Gi3_28002410_x2.....gGcugcugggaaacacggggugcc..... 1
Gi5_8777473_x2.....gggaacacggggugccgGa..... 1
Gi2_10890945_x2.....Gaguacugcgauccggagacguc..... 1
Gi3_28024446_x2.....auUggagacgucgugggaaacacggggug..... 1

Gi2_10960003_x2.....Uguacugcgauccggagacgu..... 1
Gi3_28100736_x2.....gagacgucgAgggaacac..... 1
Gi2_10909523_x2.....gucgugggaacacAgggugc..... 1
Gi1_4130005_x2.....guUggaacacggggugccg..... 1
Gi2_10853633_x2.....Uucggagacgucgugggaaca..... 1
Gi2_10940525_x2.....ggcGccgccaguacugcgau..... 1
Gi3_28135296_x2.....ugggaacacggggugAcg..... 1
Gi2_10864319_x2.....gacgucgugggGacacggggugccgaacu..... 1
Gi2_10981845_x2.....cCgagacgucgugggaacacggggugc..... 1
Gi1_4136963_x2.....agacgucgugggaacacggggugccgaCcu..... 1
Gi2_10943517_x2.....aucggagacgucgugggaacacAgggug..... 1
Gi1_4094421_x2.....aUgcgccgucaggccccccagacu..... 1
Gi1_4133145_x2.....gagacgucNugggaacacggggugccgaacu..... 1
Gi2_10978025_x2.....gagaagcgcUgucaggccccccag..... 1
Gi2_10930725_x2.....auAggagacgucgugggaaca..... 1
Gi3_28209472_x2.....Uguacugcgauccggagacguc..... 1
Gi1_4103173_x2.....agAccccgccaguacugcgau..... 1
Gi2_10907909_x2.....cUgcgccaguacugcgau..... 1
G1a_5943708_x2.....gaacacggggugccgaacA..... 1
Gi2_10952575_x2.....ugggaacCcggggugccgaa..... 1
Gi5_8768107_x2.....cgugggaacCcggggugccga..... 1
Gi2_10863565_x2.....Gcgucaggccccccagacu..... 1
Gi2_10877331_x2.....gucgGgggaacacggggugcc..... 1
Gi5_8793473_x2.....aagaUaagcgcgucaggcccccc..... 1
G1a_5877616_x2.....cgucaggccccccUguacugc..... 1
Gi1_4138001_x2.....aucggagacgucguggaaUacggggugcc..... 1
Gi1_4149013_x2.....aggccccgcUaguacugcgau..... 1
G1a_5954882_x2.....gucgugggaacacggggGgccgaacu..... 1
Gi2_10976531_x2.....cgugggaacGacggggugccgaac..... 1
Gi3_28107528_x2.....cgccaguacugcgauUggagac..... 1
Gi2_10900213_x2.....gugggaacaUggggugccgaacuu..... 1
Gi1_4091979_x2.....gugggaacacagAgggugccga..... 1
Gi2_10864975_x2.....Agccccgccaguacugcgauccggagacgu..... 1
Gi3_28256596_x2.....cggagacgucgugggaCcacggg..... 1
Gi3_28075406_x2.....ggagGcgucgugggaaca..... 1
Gi3_28109482_x2.....gucguUggaacacggggugccgaac..... 1
Gi3_28134878_x2.....Gguacugcgauccggagacgucgugg..... 1
Gi2_10903453_x2.....cgccgucaNccccccagacu..... 1
Gi2_10978143_x2.....ucaggcUccgccaguacugc..... 1
Gi5_8796265_x2.....gaCcacggggugccgaacu..... 1
Gi3_28250256_x2.....ggaacacggGgugccgaac..... 1
Gi1_4101717_x2.....ggGacacggggugccgaa..... 1
Gi3_28133770_x2.....ggUgacgucgugggaaca..... 1
Gi2_10981547_x2.....Gggccccccagacuacugcgauccggagacguc..... 1
Gi1_4121961_x2.....aucggagacgucguggga..... 0
Gi3_28027472_x2.....Cucggagacgucgugggaacacggggugcc..... 1
Gi2_10921343_x2.....ccccccagacuacugcgUu..... 1

Gi2_10978599_x2.....Ugagacgucgugggaacacggggugccga..... 1
 Gi2_10854613_x2.....gugggaUcacggggugccgaa..... 1
 Gi1_4115027_x2.....caggccccgccaguacugcgauC..... 1
 Gi3_28138542_x2.....aacNcggggugccgaacuu..... 1
 Gi2_10992275_x2.....aucggagacgucgugggCacacggggugcc..... 1
 Gi2_10957903_x2.....cguuccgaauaggaagagaagcgcc..... 0
 Gi2_10935305_x2.....gccaguacugcgauccgCgacguc..... 1
 Gi2_10922253_x2.....cgucaggccccgcUaguacugcg..... 1
 Gi2_10874129_x2.....acgucgugggaacacggggugGc..... 1
 Gi3_28221268_x2.....aucggagaGgucgugggaacacg..... 1
 Gi1_4126067_x2.....Agaacacggggugccgaa..... 1
 Gi3_28043918_x2.....gagCagcgccgucaggccc..... 1
 Gi3_28248996_x2.....gggaacacggggugccgC..... 1
 Gi3_28130550_x2.....gaaNacggggugccgaac..... 1
 Gi2_10867037_x2.....ucggagGcgucgugggaaca..... 1
 Gi3_28208218_x2.....ggagacguNgugggaacacg..... 1
 Gi5_8818629_x2.....gacgucgugggaacacggggugAcgaacu..... 1
 Gi3_28003690_x2.....gacgucAugggaacacggggugccgaacu..... 1
 Gi3_28031700_x2.....cCgcgaucggagacgucg..... 1
 Gi3_28057850_x2.....ccccgccaguacugcgauCagagacg..... 1
 Gi3_27998130_x2.....gaAcggagacgucgugggaacacg..... 1
 Gi2_10952167_x2.....aguacugcNaucggagac..... 1
 G1a_5951788_x2.....guAggaacacggggugccg..... 1
 Gi5_8810925_x2.....cgucGggccccgccaguacugcg..... 1
 G1a_5939666_x2.....aucggagaNgucgugggaacacggggugcc..... 1
 Gi3_28004450_x2.....Ugucaggccccgccaguacug..... 1
 Gi2_10854097_x2.....cCccaguacugcgauccg..... 1
 Gi2_10837931_x2.....caggccccgccaguacugcAaucgga..... 1
 Gi5_8799731_x2.....gaucggagNcgucgugggaacacg..... 1
 Gi3_28212936_x2.....ggagacgucgugggGacacggggugccgaac..... 1
 Gi2_10948559_x2.....gugNgaacacggggugccga..... 1
 Gi2_10956509_x2.....gucgugAgaacacggggugc..... 1
 Gi2_10979629_x2.....caggccccgccaguCucgcauc..... 1
 Gi3_27991622_x2.....ggagGcgucgugggaacacggggugcc..... 1
 Gi2_10908593_x2.....ucgugggaNcacggggugcc..... 1
 Gi3_28188740_x2.....aacacggggugccgCacuu..... 1
 Gi2_10962123_x2.....gaCcacggggugccgaacu..... 1
 Gi3_28224090_x2.....guacugcgauccgagGcgucgug..... 1
 Gi1_4140475_x2.....cgugggaacacgAggugccgaa..... 1
 G1a_5972560_x2.....Gucggagacgucgugggaacacgggg..... 1
 Gi5_8741033_x2.....Aaucggagacgucgugggaacacgggg..... 1
 Gi3_28204498_x2.....ccgccaguacugcgaGcggagac..... 1
 Gi2_10969897_x2.....agacgucgugggaacacggggugGc..... 1
 Gi3_28025162_x2.....gggaacacggggugccCaa..... 1
 Gi1_4109685_x2.....cgugggGacacggggugccgaacuu..... 1
 Gi1_4155791_x2.....aucggagacgucAugggaacacggggugcc..... 1
 Gi2_10897281_x2.....ggagacgucgugUgaacacggggugc..... 1

Gi3_27987920_x2.....gUcaguacugcgauccggagacgucgug..... 1
G1a_5938540_x2.....ucgugggaNcacggggugccgaac..... 1
G11_4144619_x2.....aggcUccgccaguacugcgau..... 1
Gi3_28157830_x2.....gacgucgugggaGcacggggugccg..... 1
Gi2_10868825_x2.....cgucagccccgccUguacugcg..... 1
Gi3_28075382_x2.....gcUccgucaggccccgccagu..... 1
Gi3_27986942_x2.....ucaggccccgccCguacugc..... 1
Gi2_10872739_x2.....ggagacgucgugggaacacggAgugc..... 1
G1a_5932596_x2.....agaagcgcNgucaggccc..... 1
G1a_5896918_x2.....cagCacugcgauccggagacgucg..... 1
G1a_5880852_x2.....ggagacgucgugggGcacggggugcc..... 1
Gi3_28149728_x2.....gccaguacCgcgaucggagacguc..... 1
G11_4112021_x2.....agacgucgugggaacacggggugccgU..... 1
Gi5_8737609_x2.....cgugggaacacgUggugc..... 1
G1a_5932222_x2.....Agccccgccaguacugcgau..... 1
G1a_5942076_x2.....aucggagacgucgugggaacacggggCgcc..... 1
G11_4097639_x2.....cgAcaggccccgccaguacugc..... 1
Gi3_28144680_x2.....gccaguacNcgcaucggagac..... 1
G11_4113657_x2.....acgucgugggaacacggggGgccg..... 1
Gi2_10872115_x2.....agUgaagcgcgcgucaggccccgc..... 1
Gi2_10951341_x2.....Uucggagacgucgugggaacacg..... 1
Gi2_10932427_x2.....cagAccccgccaguacugc..... 1
G11_4105997_x2.....aucggagGcgucgugggaacacg..... 1
G11_4126289_x2.....aggcGccgccaguacugcgau..... 1
G11_4106577_x2.....caggccccgccaguacugcgauU..... 1
Gi3_28191026_x2.....ccgccaguacugcgauccggGgacgu..... 1
Gi3_28032610_x2.....ggccccgccaguacCgcgau..... 1
Gi2_10844541_x2.....gccccgccaguacCgcgau..... 1
G1a_5950646_x2.....acugcgauccggagGcguc..... 1
Gi2_10950651_x2.....ucggagacgucgugggaacGcgggg..... 1
Gi5_8806773_x2.....gaNcacggggugccgaacu..... 1
G11_4157775_x2.....ucggagacgucgugggaGcacg..... 1
G11_4090741_x2.....ucggagacgucgugggCacacggggugc..... 1
G1a_5896312_x2.....aucggagacgucgugggCacacgg..... 1
Gi2_10927299_x2.....caggccccgccaAuacugcgau..... 1
Gi2_10943909_x2.....ucagUccccgccaguacugcgau..... 1
Gi2_10921939_x2.....Gguacugcgauccggagacgucgu..... 1
G11_4119569_x2.....ccgucaggccccgccaguCcug..... 1
G1a_5911814_x2.....gggNcacggggugccgaacu..... 1
Gi2_10934913_x2.....cgugggaacacggggAgccgaa..... 1
Gi2_10868369_x2.....gugggaacacggggugccgC..... 1
Gi2_10911817_x2.....cccAccaguacugcgauccgg..... 1
Gi2_10971567_x2.....acugcgauNggagacgucgugg..... 1
Gi3_28238466_x2.....ccccgccaNuacugcgauccggagacguc..... 1
Gi5_8816119_x2.....acacggggCgccgaacuuu..... 1
Gi2_10895705_x2.....gaCcgagacgucgugggaacacggggugc..... 1
Gi3_28157016_x2.....gagacgucguAggaacacggggg..... 1

Gi2_10903109_x2.....ggagacgucgugggaacaUggggugccgaacu..... 1
 Gi2_10919611_x2.....gaacacggggugccgGac..... 1
 Gi2_10985331_x2.....aUagaagcgccgcucagggcccgccaguacu..... 1
 Gi2_10925861_x2.....Uaagcgccgcucagggcccgccagua..... 1
 Gi1_4142221_x2.....cGggccccgccaguacugcgauCG..... 1
 Gi3_28086502_x2.....cgaucggagacgucgugggaGcacggggug..... 1
 Gi2_10920719_x2.....gaucggagacguGgugggaacacgggggu..... 1
 Gi4_557216_x2.....gugggGacacggggugccgaa..... 1
 Gi5_8754761_x2.....cgugUgaacacggggugccga..... 1
 Gi3_28077974_x2.....aguacugcgauCGgaAacgu..... 1
 Gi3_27984046_x2.....caggccccUccaguacugCG..... 1
 Gi3_28098140_x2.....caguacugNgaucggagacgu..... 1
 Gi2_10990657_x2.....gucagggccccgccaguaUugcgau..... 1
 Gi3_28112916_x2.....UgccaguacugcgauCGgagacg..... 1
 Gi3_28032586_x2.....gggaacaGggggugccgaacu..... 1
 Gi3_28163080_x2.....gaCcacggggugccgaac..... 1
 Gi2_10835485_x2.....aucggagacgucCGggaaca..... 1
 Gi2_10844701_x2.....caguacugNgaucggagacgucg..... 1
 Gi3_28179634_x2.....aCaagcgccgcucagggcccgccaguacug..... 1
 Gi2_10959435_x2.....aucgAagacgucgugggaacacgggggu..... 1
 Gi3_28071538_x2.....agacgCcgugggaacacggggugcc..... 1
 Gi5_8801329_x2.....cUgagacgucgugggaacacggggugccga..... 1
 Gi4_553128_x2.....cgucgugggaacacggggugc..... 0
 Gi3_28089000_x2.....gccccgccGguacugcgau..... 1
 Gi3_28128256_x2.....gCGauUggagacgucgugggaacacggg..... 1
 Gi3_28255066_x2.....cUguacugcgauCGgagacgucg..... 1
 Gi2_10865327_x2.....acgucgugggaGacggggugccgaacu..... 1
 Gi3_28176814_x2.....acAucgugggaacacggg..... 1
 G1a_5937678_x2.....ugggaacacgggCugccgaacu..... 1
 G1a_5980070_x2.....gaucggagacgucgugggaacGcggggu..... 1
 Gi3_28126828_x2.....acgucgugggGacacggggugccg..... 1
 G1a_5899480_x2.....cgugggaacacggggCgc..... 1
 Gi5_8763425_x2.....acugcgGucggagacgucgug..... 1
 Gi5_8765851_x2.....gggaacacggggugccgaG..... 1
 Gi4_565132_x2.....gugggaacacggUgugccgaacu..... 1
 G1a_5915508_x2.....ccgccaguacugcgauAggagacguc..... 1
 Gi3_28233948_x2.....gaucggagacguUgugggaacacggggu..... 1
 Gi2_10934069_x2.....gUcgucgugggaacacggggugccg..... 1
 Gi3_28034168_x2.....gaucggagacgucguggAaacac..... 1
 Gi2_10857187_x2.....acgucguAggaacacggggugcc..... 1
 Gi5_8754763_x2.....caggccccAcaguacugCG..... 1
 Gi5_8796889_x2.....cgucgugggaacacUgggugccgaacu..... 1
 Gi5_8752669_x2.....aagagaagNgccgucagggcccgcca..... 1
 Gi3_28168746_x2.....GcaggccccgccaguacugcgauCGgag..... 1
 Gi2_10950761_x2.....acugcgauCGgCgacgucg..... 1
 Gi2_10856831_x2.....caggccccgccaguaAugc..... 1
 Gi3_28131460_x2.....agaagcgccgCaggccc..... 1

Gi3_28098884_x2.....gaucggagacgucAugggaacacgg..... 1
Gi5_8820925_x2.....ucggagacgucgugggCacacg..... 1
Gi3_28082234_x2.....caggccccgccGguacugcga..... 1
Gi5_8818889_x2.....aucggagacgucgugggCcacggggugcc..... 1
Gi3_28186608_x2.....cccgccGguacugcgaucggagac..... 1
Gi2_10970349_x2.....ucaggccccgccagCacugcg..... 1
Gi2_10955159_x2.....agacgucgugggaaacacAgggugccg..... 1
Gi3_28221606_x2.....Aucgugggaacacggggugccgaa..... 1
Gi3_28118522_x2.....aggccccgccaguCugcgauacg..... 1
Gi2_10986517_x2.....ggaacaGggggugccgaa..... 1
Gi2_10858839_x2.....ccccgccaguacugcgauUgga..... 1
Gi2_10931971_x2.....ccgucaggccccgccaguacugUg..... 1
Gi5_8809569_x2.....aAcggagacgucgugggaaacacgg..... 1
Gi5_8778607_x2.....gUagacgucgugggaaacacggggugccgaa..... 1
Gi5_8734691_x2.....cgugggaGcacggggugcc..... 1
Gi2_10940113_x2.....ccccgccaguUcugcgauac..... 1
Gi2_10981261_x2.....aucggagacgucgugggaaacUcggggu..... 1
Gi2_10834151_x2.....ggagacgucgugggaaacacgggg..... 0
Gi5_8734431_x2.....gaagcgcUgucaggccccgcc..... 1
Gi3_28244926_x2.....Acaggccccgccaguacugcgauac..... 1
Gi3_28211748_x2.....cgccagCacugcgauacggagacguc..... 1
Gi1_4154609_x2.....gggaacacggggugccgaaacG..... 1
G1a_5950074_x2.....gacgucguggggaGcacggggg..... 1
Gi2_10978183_x2.....aagagaagUgccgucaggccc..... 1
Gi5_8722829_x2.....ggUcccgccaguacugcgauacgga..... 1
Gi2_10864347_x2.....cgugggaacaAggggugcc..... 1
Gi5_8767393_x2.....acgucgugggaaacCcggggugccgaa..... 1
Gi5_8733201_x2.....uGaggccccgccaguacugcg..... 1
Gi1_4131403_x2.....gugggaacacggggugccgaaUcu..... 1
Gi1_4134525_x2.....aacacgggCugccgaaacu..... 1
G1a_5931376_x2.....Uccaguacugcgauacggagacgucg..... 1
Gi3_28165964_x2.....agcgccgCcaggccccgccaguac..... 1
Gi3_28222292_x2.....ccgucaggAcccgccaguacugc..... 1
Gi5_8765189_x2.....ggUgacgucgugggaaacacggggugccgaa..... 1
Gi5_8817253_x2.....cAugggaacacggggugc..... 1
Gi3_28078524_x2.....ucgugggaacacggUgugccgaaacu..... 1
Gi2_10945277_x2.....acgucgugggaaacacgggggUacc..... 1
Gi4_556422_x2.....uacCgcgaucggagacgucg..... 1
Gi3_28260672_x2.....gccccgCcaguacugcgauac..... 1
G1a_5973830_x2.....aAcggagacgucgugggaa..... 1
G1a_5955720_x2.....Uacgucgugggaaacacggggugccgaa..... 1
Gi2_10900141_x2.....ggccccgUcaguacugcgauac..... 1
Gi1_4137301_x2.....cgucguAggaacacggggugcc..... 1
Gi1_4129751_x2.....Ucggcaguacugcgauacggaga..... 1
Gi3_28077336_x2.....Agccccgccaguacugcgauacgga..... 1
Gi3_27984638_x2.....gucgugggUacacggggugccgaa..... 1
Gi2_10896197_x2.....gucgugggNacacggggugccg..... 1

Gi3_28170884_x2.....gccgucagggcUcgccaguacugcg..... 1
 Gi5_8724907_x2.....aucggagacgucguAggaacacggggugc..... 1
 Gi2_10894963_x2.....agacgucAugggaacacggggugccgaacu..... 1
 Gi2_10937229_x2.....gagacgCcgugggaacacggggug..... 1
 Gi3_28069964_x2.....gaucggagNcgucuggg..... 1
 Gi3_27981340_x2.....ucguuccgaauaCgaagagaagcgcguc..... 1
 Gi1_4107537_x2.....cgugggaacacggggugccgaacuC..... 1
 Gi3_28023034_x2.....acgucgugggaacacggggugUcgaac..... 1
 Gi2_10862877_x2.....aggccccgccagAacugcgaucgga..... 1
 Gi3_28179206_x2.....aucAgagacgucguggga..... 1
 Gi1_4128757_x2.....Aagacgucgugggaacacggggugccgaacu..... 1
 Gi2_10962003_x2.....ccccgccaguacugcgCucggaga..... 1
 Gi2_10952963_x2.....acgucgugggaacacggUgugcc..... 1
 Gi3_28064918_x2.....cgAagacgucgugggaacacg..... 1
 Gi2_10944369_x2.....auAggagacgucgugggaacacggggug..... 1
 Gi3_28229724_x2.....ggagacgucgugggaGcacggg..... 1
 Gi2_10915967_x2.....aggccccgccaguUcugcg..... 1
 Gi2_10912651_x2.....acgucgugUgaacacggggugccgaacu..... 1
 Gi3_28000452_x2.....cgCcaggccccgccaguacugcgauc..... 1
 G1a_5964918_x2.....Gagagaagcgccgucagggccccgcca..... 1
 Gi4_559224_x2.....guUggaacacggggugccgaac..... 1
 G1a_5877728_x2.....gucgugggaacacggggGgccgaac..... 1
 G1a_5952760_x2.....caggccccAccaguacugc..... 1
 G1a_5949060_x2.....Gaguacugcgaucggagac..... 1
 Gi3_28187958_x2.....ugggaacacggggugccCaac..... 1
 Gi1_4156243_x2.....cUggccccgccaguacugcg..... 1
 G1a_5905062_x2.....aucggagacgucgugggCa..... 1
 Gi2_10847181_x2.....ggagacguNgugggaacacggggugccg..... 1
 Gi3_28124324_x2.....ucaggccccAccaguacugcgauc..... 1
 Gi3_28247732_x2.....gaagagaagcgccgucGggccccgc..... 1
 Gi4_564142_x2.....Ggucgugggaacacggggugccgaacu..... 1
 Gi1_4131193_x2.....cgGcaggccccgccaguacugc..... 1
 Gi1_4094563_x2.....gugggaaAacggggugcc..... 1
 Gi2_10948013_x2.....Ggacgucgugggaacacggggugccgaa..... 1
 Gi2_10940573_x2.....cgugggaacacgUggugccgaa..... 1
 Gi2_10915455_x2.....gaacacgNgugccgaac..... 1
 Gi4_559694_x2.....cgugggaacacgAggugccgaacu..... 1
 Gi5_8735023_x2.....ggaacacggggugccgaCc..... 1
 Gi2_10945461_x2.....acucguuccgaauaCgaaga..... 1
 G1a_5883766_x2.....aucggagacgucgugggaacCcggg..... 1
 Gi3_28097308_x2.....aucggagacgucguUggaacacggg..... 1
 Gi2_10987353_x2.....ucggagacgucgugggGacacggggugcc..... 1
 Gi3_28100548_x2.....cgucagggccccgccaguaUugcg..... 1
 Gi1_4142423_x2.....cgCcaggccccgccaguacugc..... 1
 Gi3_28139608_x2.....cguUgugggaacacggggugccga..... 1
 Gi1_4126641_x2.....gUagacgucgugggaacacggggugc..... 1
 Gi2_10847663_x2.....caggccccgccaUuacugc..... 1

Gi3_28074076_x2.....ucgugggaacacgaggAgc..... 1
 Gl1_5893196_x2.....Ugaagcgccgucaggccccgc..... 1
 Gi3_28160854_x2.....cggGgacgucgugggaacacgagg..... 1
 Gi2_10834093_x2.....Gggccccgccaguacugcgauccgaga..... 1
 Gi1_4113593_x2.....aucggagacgucgugggaacGcggggugcc..... 1
 Gi2_10899143_x2.....gggaacacNgggugccga..... 1
 Gi3_28171054_x2.....aggccccgccaguacugcgauG..... 1
 Gi1_4106299_x2.....cgucaggccccgccaguacugcgU..... 1
 Gi3_28026996_x2.....cgaucggagacgucgugggaacCcg..... 1
 Gi2_10840855_x2.....aucggagacgucgugggaacacgaggugcU..... 1
 Gi2_10922011_x2.....cgaucggagacgCcgugggaacacg..... 1
 Gi1_4100401_x2.....ugggaacacgaggugccgCacuu..... 1
 Gi1_4132021_x2.....ggaacacgaggugccgaaAu..... 1
 Gi5_8787265_x2.....ggaacacgUggugccgaacu..... 1
 Gi3_28014108_x2.....cgugggaacacgaggugcU..... 1
 Gi5_8817153_x2.....gaagcgccgCcaggccccgc..... 1
 Gi3_28060006_x2.....gaucggagNcgucgugggaac..... 1
 Gi3_28235716_x2.....aagcgUgucaggccccgccaguacugc..... 1
 Gi2_10897123_x2.....gaagcgccgucGggccccgccaguacugc..... 1
 Gi5_8797357_x2.....ggaacacUgggugccgaacu..... 1
 Gi2_10913657_x2.....acgucgUggaacacgaggugc..... 1
 Gi3_28076668_x2.....Cccaguacugcgauccgga..... 1
 Gi5_8745701_x2.....ugggaacacgaggugcAga..... 1
 Gi3_28049248_x2.....gaucggagacgucAugggaacacg..... 1
 Gi3_28166880_x2.....acucguuccgaauaCgaaga..... 1
 Gi3_28094334_x2.....cggagacgNcgugggaacacgaggug..... 1
 Gi2_10941027_x2.....aggaagagaagcgccgucaggcccc..... 0
 Gi3_28119780_x2.....cgccaguacugcgauccgGgacg..... 1
 Gi1_4130549_x2.....ucgugggaacCgaggugccg..... 1
 Gi3_28055120_x2.....Caucggagacgucgugggaaca..... 1
 Gi3_27994840_x2.....Augcgauccgagacgucg..... 1
 Gi5_8754979_x2.....cacggguNccgaacuu..... 1
 Gi3_28027504_x2.....aucggagacAucgugggaacacgagg..... 1
 Gi5_8760357_x2.....aucggagacgucguggAaacacg..... 1
 Gi3_28076178_x2.....aagagaagUgcccgucaggc..... 1
 Gi3_28224068_x2.....agagaagcgUgucaggccccgc..... 1
 Gi2_10956299_x2.....cggUgacgucgugggaacacgaggugc..... 1
 Gi2_10879209_x2.....gccccgccaguGcugcgau..... 1
 Gi2_10896477_x2.....acgucgugggaacGacggggugcc..... 1
 Gi2_10921533_x2.....ugggaacacAgggugccgaa..... 1
 Gi3_28037686_x2.....gagaagcgccguUaggccc..... 1
 Gi3_28096346_x2.....cgaucggagacgucguggGacacg..... 1
 Gi3_27981474_x2.....aggccccgccaguacugcgaAc..... 1
 Gi2_10899293_x2.....ggccccgccUguacugcgau..... 1
 Gi2_10950777_x2.....aggccccgccaguGcugcgauccgagac..... 1
 Gi3_28136942_x2.....cgccaguacugcgauccgAaga..... 1
 Gi5_8731383_x2.....aagagaagcgccgucaggccccUgccc..... 1

Gi2_10932781_x2.....ucguggggaacacggggugcAg..... 1
 Gi5_8825465_x2.....cgucgugggGacacggggugc..... 1
 Gi3_28248044_x2.....ucaggAcccgccaguacugc..... 1
 Gi3_28106586_x2.....caggccccgccaguacugcCauc..... 1
 Gi2_10990583_x2.....ccgcUaguacugcgauccggagacg..... 1
 Gl1a_5887940_x2.....aagagaagcgccgCcaggccc..... 1
 Gi1_4131515_x2.....aggccccccCguacugcgauc..... 1
 Gi3_28213130_x2.....gaagagaagcgCAgucaggcccc..... 1
 Gi1_4101819_x2.....gugggaacacUgggugccgaacu..... 1
 Gi1_4121715_x2.....gGacacggggugccgaacuu..... 1
 Gi3_28065114_x2.....Ugaucggagacgucguggggaacacg..... 1
 Gi2_10926621_x2.....aggccccgccaguacGgcgauc..... 1
 Gi3_28248788_x2.....gaucAgagacgucguggggaacacggggugcc..... 1
 Gi1_4156311_x2.....Aggggaacacggggugccgaacuu..... 1
 Gi2_10896615_x2.....gucAuggggaacacggggugc..... 1
 Gi2_10864159_x2.....caggccccccaAuacugc..... 1
 Gl1a_5884034_x2.....ugggaacacggggugccgaaAu..... 1
 Gi5_8805745_x2.....gaagcgccgAcaggccccgcc..... 1
 Gi3_28250992_x2.....agaUgucguggggaacacgggg..... 1
 Gi2_10946539_x2.....cgggagacgucAuggggaacacggggugcc..... 1
 Gi3_28022772_x2.....ccccgccaguacugcgauccggagCcg..... 1
 Gi3_28164878_x2.....agagaagAgccgucaggccccgc..... 1
 Gi5_8772153_x2.....gucaggccccccGguacugcg..... 1
 Gi3_28143516_x2.....gGcguggggaacacggggug..... 1
 Gi3_28226784_x2.....caUgccccgccaguacugcgauccgga..... 1
 Gi1_4114881_x2.....cguggggaacacgggguAccgaac..... 1
 Gi3_28060764_x2.....aacacggAgugccgaacuu..... 1
 Gi5_8790609_x2.....aGcggagacgucguggggaacacggg..... 1
 Gi1_4123689_x2.....Ucgucguggggaacacggggugcc..... 1
 Gi2_10915099_x2.....caggcAccgccaguacugcgau..... 1
 Gi2_10989117_x2.....ggaacacggggugGcgaacu..... 1
 Gi2_10847189_x2.....aggcccUgccaguacugcgauccgga..... 1
 Gi3_28221138_x2.....ucguggggaacacgggguAccg..... 1
 Gi3_28057130_x2.....agagaagcgUcgucaggcccc..... 1
 Gi2_10873901_x2.....aucggaAacgucguggggaacacg..... 1
 Gi2_10867485_x2.....aucggagacgucguggggaUca..... 1
 Gi3_28134156_x2.....gUagacgucguggggaacacggggug..... 1
 Gi2_10959345_x2.....gccaguacugcgauccAga..... 1
 Gi2_10951263_x2.....gccccgccaguCcuugcgauc..... 1
 Gi1_4125693_x2.....gggaacacNgggugccgaacuu..... 1
 Gi3_28123386_x2.....ccgcUaguacugcgauccggagacguc..... 1
 Gi2_10906193_x2.....gacgucgCgggaacacggggugccgaac..... 1
 Gi2_10953765_x2.....acugcgauNggagacgucguggggaacac..... 1
 Gi1_4141075_x2.....gaucggagacgucguggggaacacggggug..... 0
 Gi2_10984193_x2.....Accgucaggccccgccaguacugcg..... 1
 Gi1_4139845_x2.....ccgccaguacugcgauccggagacguc..... 0
 Gi3_28142652_x2.....aucggagacguAuggggaacacggggu..... 1

Gi3_28083722_x2.....gagacgCcgugggaacacggggugc..... 1
 Gi3_28123866_x2.....gacgucgugggaCcacggggugccgaac..... 1
 Gi1_4118955_x2.....gggaacaGggggugccgaacu..... 1
 Gi3_28082998_x2.....gucgugggaacGcggggugcc..... 1
 Gi2_10989931_x2.....Cugggaacacggggugccgaacuu..... 1
 Gi4_563820_x2.....cCccaguacugcgaucggagacgucgug..... 1
 Gi2_10958259_x2.....guacugcgaucggagacgucgug..... 0
 Gi3_28210908_x2.....cgugggaacacggggUccga..... 1
 Gi4_555468_x2.....Cggaacacggggugccgaacu..... 1
 Gi3_28209610_x2.....cAccaguacugcgaucggagac..... 1
 Gi3_27994904_x2.....ucaggccccgccaguacugcgauA..... 1
 Gi3_28086824_x2.....cgGucgggagacgucgugggaacacg..... 1
 Gi3_28023560_x2.....ggagacgucgugAgaacacg..... 1
 Gi2_10852551_x2.....Aagaagcgccgucagggccccgag..... 1
 Gi3_27995456_x2.....cgaucgggagacgucgugggCacacgg..... 1
 Gi2_10960207_x2.....Agccaguacugcgaucggagacgucgug..... 1
 Gi3_28221760_x2.....aucgggagacgucgugggaacacgAggugc..... 1
 Gi2_10846061_x2.....aggccccCccaguacugcg..... 1
 Gi2_10850215_x2.....cccgccGguacugcgaucggagac..... 1
 Gi3_28011132_x2.....gaucgggagacAucgugggaac..... 1
 Gi3_28210116_x2.....aagagaagcgcUgucagggccc..... 1
 Gi5_8722989_x2.....ugggGacacggggugccgaacuu..... 1
 Gi5_8730531_x2.....cgugggaacacggggugccgC..... 1
 Gi3_28196006_x2.....gucagggccccgccaguacCg..... 1
 Gi3_28006638_x2.....cgccaguacugcgaCcgagacg..... 1
 G1a_5931578_x2.....gugggaacacggggugAc..... 1
 G1a_5889180_x2.....gacgucgugggaacacAgggu..... 1
 Gi3_28061106_x2.....gacgucgugggaacacggggugccgaaUu..... 1
 Gi2_10857267_x2.....ugggCacacggggugccgaac..... 1
 Gi2_10832027_x2.....gugggaacacggggugcG..... 1
 Gi2_10949825_x2.....gaucgggagacgucguggAaacacggggugc..... 1
 Gi3_28127948_x2.....agcgccguUaggccccgccc..... 1
 Gi1_4130417_x2.....cgggagacgucgugggCacacggggugc..... 1
 Gi2_10858999_x2.....acgucCugggaacacggggugccgaacu..... 1
 Gi3_28195896_x2.....cgucagggccccgcUaguacugcg..... 1
 Gi5_8724131_x2.....ugggaacacggggugccgaacuCu..... 1
 Gi2_10923859_x2.....aggccccgccGguacugcgau..... 1
 Gi2_10985231_x2.....cgucaggUcccgccaguacugc..... 1
 Gi5_8814825_x2.....guAgugggaacacggggugccgaacu..... 1
 Gi5_8781643_x2.....acgucgugggaacacggggGgccgaac..... 1
 Gi5_8775277_x2.....cgugggaaUacggggugccgaac..... 1
 Gi2_10920007_x2.....aggccccgccaguacuAcgaucgg..... 1
 Gi3_28153200_x2.....gaagagaagcgcguUaggcccc..... 1
 Gi2_10833283_x2.....cgucgugggaacacggggugUcgaac..... 1
 Gi2_10924483_x2.....Cggccccgccaguacugcgau..... 1
 Gi1_4119073_x2.....agacgucgugggaacacggggugccgGcu..... 1
 Gi5_8774193_x2.....aucgggagacgucAugggaacacg..... 1

Gi5_8814267_x2.....caggccccgAcaguacugc..... 1
 Gi2_10900793_x2.....Gcgucgugggaacacggg..... 1
 Gl1a_5976004_x2.....cgugggaacacggggugccgaaAu..... 1
 Gi5_8815809_x2.....gaagcgccgucaggcccUgcc..... 1
 Gi2_10927367_x2.....caggccccgccaguacugcgGu..... 1
 Gi3_28133970_x2.....gcgccgucNggccccgccagu..... 1
 Gi2_10899543_x2.....gucgugggaGcacggggugccga..... 1
 Gi3_28158442_x2.....agacgucgugggaacacggggAgcc..... 1
 Gi1_4126403_x2.....acacggggugccgaaAu..... 1
 Gi5_8828939_x2.....cgugggaacacggAgugccgaaC..... 1
 Gi3_27995778_x2.....cggagacgucguAggaacacgggg..... 1
 Gi1_4098811_x2.....aCacgucgugggaacacggggugccg..... 1
 Gi2_10829423_x2.....aucggagacgAcgugggaacacgggg..... 1
 Gi2_10942205_x2.....aucggagacgucguAggaacacg..... 1
 Gi2_10830897_x2.....aucggCgacgucgugggaacacggggug..... 1
 Gi3_28127928_x2.....cggagacgucgugggaacacggggAu..... 1
 Gi2_10963773_x2.....gaucAgagacgucgugggaacac..... 1
 Gi5_8761581_x2.....gccgucaggccccgccaguacC..... 1
 Gi5_8753689_x2.....cgucgugggaacacggggugccgaaA..... 1
 Gi3_28219182_x2.....ccgcUaguacugcgauccggag..... 1
 Gi3_28018452_x2.....aacacgggNugccgaacuu..... 1
 Gi3_28151324_x2.....gaacacggggCgccgaacuu..... 1
 Gi3_28051548_x2.....ucggagacgucgugggaacGcg..... 1
 Gi2_10926301_x2.....ccccgccaguacugcgauccggagacgC..... 1
 Gl1a_5877924_x2.....ugggaacacggggGgccgaacu..... 1
 Gi5_8733951_x2.....uacCgcgaucggagacgu..... 1
 Gi3_28013300_x2.....Uggccccgccaguacugcgauccggagacguc..... 1
 Gi3_28195852_x2.....gagaagcgccgucagggcAccg..... 1
 Gi1_4113107_x2.....aucggagCcgucgugggaacacg..... 1
 Gi5_8746147_x2.....gugggaacacggggugUcga..... 1
 Gi3_28054688_x2.....agaagcgccgucaAgccc..... 1
 Gi1_4146097_x2.....ggaacacggggugccgUac..... 1
 Gi2_10965165_x2.....aucggUgacgucgugggaacacggggug..... 1
 Gi2_10829733_x2.....Ggccgucagccccgccaguacu..... 1
 Gi1_4103511_x2.....cggagacgucgugggaacacgCg..... 1
 Gi2_10908181_x2.....cgucgCgggaacacggggugccgaa..... 1
 Gi1_4092061_x2.....acgucgugggaacacggggGgcc..... 1
 Gi3_28116852_x2.....Acgccgucagccccgccaguacugc..... 1
 Gi2_10898395_x2.....gUccccgccaguacugcgauccg..... 1
 Gl1a_5887378_x2.....cUguacugcgauccggagacguc..... 1
 Gi3_28060340_x2.....aGgcgccgucagccccgccagua..... 1
 Gi3_28249422_x2.....gggaacacgggCugccgaa..... 1
 Gi1_4135219_x2.....aCggagacgucgugggaacacggggugcc..... 1
 Gi1_4119349_x2.....cgucgugggaacacggggugccgUacu..... 1
 Gi3_28115388_x2.....cgucagggcUcgccaguacugcg..... 1
 Gi3_28132154_x2.....ggcccAgccaguacugcgau..... 1
 Gi3_28073328_x2.....gugggaUcacggggugcc..... 1

Gi2_10934113_x2.....Ugccaguacugcgauccggagac..... 1
 Gi2_10885843_x2.....gCgacgucgugggaacacggggugc..... 1
 Gi5_8809417_x2.....Gggagacgucgugggaacacggggugccga..... 1
 Gi1_4106535_x2.....gagacgucAugggaaacacggggugcc..... 1
 Gi1_4095145_x2.....cggGgacgucgugggaacacggggugcc..... 1
 Gi2_10837173_x2.....cgauccggagacgucgugggaacacggggCg..... 1
 Gi3_28156274_x2.....aggccccCccaguacugcg..... 1
 Gi1_4108661_x2.....ugUgaucggagacgucguggga..... 1
 Gi5_8742173_x2.....Ggugggaacacggggugccg..... 1
 Gi5_8721055_x2.....cgucguggNaacacggggugccga..... 1
 Gi5_8796759_x2.....aucggagacgucguggGacacggggu..... 1
 Gi3_28252774_x2.....acguUgugggaacacggggugcc..... 1
 G1a_5936326_x2.....gcgaucggagacguUgug..... 1
 Gi3_28138942_x2.....gaagagUagcgccgucagg..... 1
 Gi1_4118231_x2.....Gucggagacgucgugggaacacggg..... 1
 Gi3_27980894_x2.....cguUaggccccgccaguacugcg..... 1
 Gi3_28164380_x2.....cgccaguacugcgauccAgacguc..... 1
 Gi5_8757713_x2.....aCgccccgccaguacugcgaucc..... 1
 Gi5_8718899_x2.....aagagaagcgccgucaggccccAgcc..... 1
 Gi2_10845649_x2.....gUucggagacgucgugggaacac..... 1
 Gi3_28187048_x2.....ugggaacacggggugccUaac..... 1
 Gi5_8824405_x2.....ugNgaacacggggugccgaacu..... 1
 Gi5_8736009_x2.....cAgagacgucgugggaacacggggugccga..... 1
 Gi3_28247040_x2.....Ccgagacgucgugggaacacg..... 1
 Gi2_10913273_x2.....cgugggaacacggggUaccga..... 1
 Gi2_10931577_x2.....aagagaagcgccgucaggccccAgcc..... 1
 Gi5_8776497_x2.....guggCaacacggggugccga..... 1
 Gi1_4112933_x2.....aUaagcgccgucaggccccgccaguacugc..... 1
 Gi3_28145848_x2.....aggcUccgccaguacugcgauccggagacg..... 1
 Gi3_28125244_x2.....uUggagacgucgugggaacacggggugccgaacu..... 1
 Gi1_4100793_x2.....gugggaacacggggugccCaacu..... 1
 Gi2_4096423_x2.....ggagUcgcgucgugggaacacggggugc..... 1
 Gi3_28196850_x2.....caguacugcgCucggagacgucgug..... 1
 Gi3_28122548_x2.....cgccaguacugcgauccggGgacguc..... 1
 Gi2_10935371_x2.....cggagacgucgugggaacacggUgugcc..... 1
 Gi3_28086146_x2.....cggagacgucAugggaaacacggggugccga..... 1
 Gi3_28153548_x2.....cgugggaCcacggggugccg..... 1
 Gi2_10887611_x2.....aucggagacgucgugggaUacg..... 1
 Gi3_28125810_x2.....aggccccgccaguacugcgaucc..... 1
 Gi3_28137380_x2.....Uaauuaggaagagaagcgc..... 1
 Gi1_4126397_x2.....cUaucggagacgucgugggaacacggggu..... 1
 Gi5_8828787_x2.....ucggagacgCcgugggaacacg..... 1
 G1a_5969678_x2.....Cgaacacggggugccgaac..... 1
 Gi3_28014214_x2.....gggaacaAggggugccga..... 1
 Gi2_10839691_x2.....Caagcgccgucaggcccc..... 1
 Gi2_10875819_x2.....Accgccaguacugcgauccg..... 1

Gi2_10839505_x2.....cgGcagggccccgccaguac..... 1
 Gi2_10889835_x2.....gagaagcgccgcucagggccccgccG..... 1
 Gi3_27985726_x2.....aAgccccgccaguacugcgauccg..... 1
 Gi2_10849463_x2.....aucggagacgucgugggaacacggggugUc..... 1
 Gi1a_5905578_x2.....cUugggaacacggggugccgaac..... 1
 Gi2_10950481_x2.....cccgccaguacugcgauccggagacgucgugg..... 0
 Gi3_28161996_x2.....cggagacgucgugggaacCc..... 1
 Gi3_28152540_x2.....aucggagacCucgugggaacacg..... 1
 Gi5_8768111_x2.....gucgugggaacacggggugccgaUc..... 1
 Gi1_4134665_x2.....ggagacgucgugAgaacacggggugcc..... 1
 Gi2_10956505_x2.....cgccgucagggccccgccGguacugc..... 1
 Gi3_28076162_x2.....gccccgccaAuacugcgaucc..... 1
 Gi5_8761781_x2.....gucagggccccgcUaguacugcg..... 1
 Gi1a_5947348_x2.....ccaguacuNcgauccggagacguc..... 1
 Gi3_27990168_x2.....aggccccgccagGacugcgauccgga..... 1
 Gi1a_5932040_x2.....gucgugggaacacggggCgccgaacu..... 1
 Gi2_10951535_x2.....agcgccguNaggccccgccaguacugcg..... 1
 Gi3_27994742_x2.....Nggccccgccaguacugc..... 1
 Gi5_8802515_x2.....ucgugggaacacggggugccgaa..... 0
 Gi1_4140421_x2.....ggaacacggggugccCaacu..... 1
 Gi3_28232272_x2.....cgccgCcaggccccgccaguacugc..... 1
 Gi1_4089611_x2.....gacgucgugggaacacggggugccgaGcu..... 1
 Gi2_10961605_x2.....gUagagaagcgccgucagggcccc..... 1
 Gi2_10844189_x2.....gGagcgccgucagggccccgccaguacug..... 1
 Gi2_10845111_x2.....gaucUgagacgucgugggaacacgg..... 1
 Gi1a_5970686_x2.....Agucagggccccgccaguacugcg..... 1
 Gi2_10947787_x2.....ccUgccaguacugcgauccggaga..... 1
 Gi2_10961961_x2.....gacgucgugggaacacggggUAccgaacu..... 1
 Gi2_10976871_x2.....ccccgccGguacugcgauccg..... 1
 Gi3_28123148_x2.....gUagcgccgucagggccccgcc..... 1
 Gi2_10925115_x2.....gggaacacggCgugccgaac..... 1
 Gi2_10918031_x2.....ccccgccaguacCgcgauc..... 1
 Gi2_10842217_x2.....agacgucgugggaGcacggggugccgaacu..... 1
 Gi2_10961705_x2.....gaagcgccgCcaggccccgc..... 1
 Gi2_10963917_x2.....aucggagacgucgugggaUcacggggugc..... 1
 Gi3_28073838_x2.....cggGgacgucgugggaacacggggugccga..... 1
 Gi1a_5904904_x2.....cgugggaacacggggugU..... 1
 Gi2_10991605_x2.....aucggagacgucgugggGacacgggg..... 1
 Gi3_28196352_x2.....Nugggaacacggggugccga..... 1
 Gi3_28099974_x2.....gaucggagacgucguggUaacacggg..... 1
 Gi2_10895413_x2.....gggaaAacggggugccga..... 1
 Gi2_10972623_x2.....Aagaagcgccgucagggccccgcc..... 1
 Gi1_4101551_x2.....cggagacgNcgugggaacacggggugcc..... 1
 Gi5_8757671_x2.....ugggaacacggggCgccgaacuuu..... 1
 Gi3_28071086_x2.....aggccccgccaguacugcgauccggagG..... 1
 Gi2_10842529_x2.....ccUgccaguacugcgauccggagacguc..... 1
 Gi5_8817775_x2.....cgugggaaUacggggugcc..... 1

Gi3_28010874_x2	.....guacugcgauccggagacgucgugg.....	0
Gi3_28101274_x2	.....gccUcgccagucugcgau.....	1
Gi3_28249996_x2	.....gagaagcgccAucaggccc.....	1
Gi2_10860263_x2	.....gaUgucgugggaacacggggugccgaac.....	1
Gi3_28022108_x2	.....cgugggaacacggggugccU.....	1
Gi3_28200762_x2	.....ucaggccccgccaguacCgcca.....	1
Gi2_10970827_x2	.....Ggaucggagacgucgugggaacacg.....	1
Gi5_8764985_x2	.....aUacgucgugggaacacggggg.....	1
Gi3_28025028_x2	.....gagacgucgugggaacGcggggugc.....	1
Gi3_28155134_x2	.....cgUcgucagggccccgccaguac.....	1
Gi2_10849989_x2	.....cgccgucagggccccgccUguac.....	1
Gi3_28213538_x2	.....caggccccgccaguacugcgauccggGga.....	1
Gi3_28231532_x2	.....gucCugggaacacggggugccgaacu.....	1
Gi5_8777343_x2	.....gaucggagacgucguggGcacacg.....	1
Gi3_28233724_x2	.....acgucguggGgacacggggugccga.....	1
Gi1_4101931_x2	.....cgugggaacacgggggUaccgaacu.....	1
Gi3_27991258_x2	.....ucaggccccAccaguacugcgauccgg.....	1
Gi3_28152214_x2	.....aucggagacgucguCggaacacggggg.....	1
Gi3_28045146_x2	.....gccaguacugcgGucggagacg.....	1
Gi3_28041246_x2	.....caguacugcgauccggCgacgucgug.....	1
Gi2_10841547_x2	.....aggcUccgccaguacugcgauccgg.....	1
Gi3_28044572_x2	.....ccgccaguacugcgaAcgg.....	1
Gi2_10886723_x2	.....aggccccgccaguacugcgauUgga.....	1
Gi2_10959083_x2	.....gaUacgucgugggaacacggggugccg.....	1
Gi3_28045062_x2	.....ucAgagacgucgugggaacacggg.....	1
Gi2_10873057_x2	.....ccgccaguNcugcgauccgg.....	1
Gi5_8786291_x2	.....gugggaacacggggugccgG.....	1
Gi4_566140_x2	.....gucaggccccgccaguacugc.....	0
Gi2_10850753_x2	.....cgucgugggaacGcggggugccgaa.....	1
Gi1_4105781_x2	.....uUgugggaacacggggugcc.....	1
Gi1_4108507_x2	.....gggaacacggggugccgaUc.....	1
Gi1a_5934368_x2	.....gaucUgagacgucguggga.....	1
Gi2_10932445_x2	.....caguacugcgauccggCgacguc.....	1
Gi2_10960373_x2	.....aucggagacgucguggAaacac.....	1
Gi3_28025478_x2	.....ucNugggaacacggggugccgaacu.....	1
Gi3_28149576_x2	.....cguNggaacacggggugc.....	1
Gi2_10828523_x2	.....ggccccgccaguCucggauc.....	1
Gi3_27994538_x2	.....Cagacgucgugggaacacggggugccgaac.....	1
Gi2_10974151_x2	.....caggccccNccaguacugcgauccggagacg.....	1
Gi1a_5963254_x2	.....agaagcgcNgucagggcccccca.....	1
Gi3_28133388_x2	.....gucgugggaacacggggCgc.....	1
Gi2_10992139_x2	.....cccgccGuaucugcgauccgg.....	1
Gi2_10905925_x2	.....aggccccgccaguacCgcgauccgg.....	1
Gi3_28251202_x2	.....gaucggGgacgucgugggaaca.....	1
Gi2_10855929_x2	.....gucgGgggaacacggggugccgaac.....	1
Gi1_4100241_x2	.....gaUacggggugccgaacu.....	1
Gi5_8765195_x2	.....ucgugggaacacggggUaccgaac.....	1

Gi1_4137739_x2.....ggagacgucgugggaaacacggg..... 0
Gi2_10857089_x2.....aucggagacgucgugggUacacg..... 1
Gi2_10979121_x2.....cgccaguacugcgauccggGga..... 1
Gi2_10991715_x2.....ucagggAccgccaguacugcgau..... 1
Gi2_10908475_x2.....gaucggagacgucgugggaaAacggggu..... 1
Gi2_10923299_x2.....gcccGgccaguacugcgau..... 1
Gi2_10870349_x2.....gaagcgccgucaUgccccgc..... 1
Gi3_28077936_x2.....cAgagacgucgugggaaacacggg..... 1
Gi2_10890755_x2.....ucggagacgucgugggCacacggggu..... 1
Gi2_10847029_x2.....ucagggcccUgccaguacugcgau..... 1
Gi3_28242404_x2.....gcgauccggNgacgucgugggaaacacggggu..... 1
Gi5_8738047_x2.....gagacgucgugggaaacacggggugccgaCcu..... 1
Gi3_28156666_x2.....cgucgugggaaacUcggggugcc..... 1
Gi5_8828711_x2.....Aaucggagacgucgugggaaacacg..... 1
Gi3_27981706_x2.....caggccccCccaguacugcgau..... 1
Gi2_10890505_x2.....aggccccUccaguacugcg..... 1
G1a_5958734_x2.....gUagacgucgugggaaacac..... 1
Gi2_10886851_x2.....gcUccgccaguacugcgauccgg..... 1
Gi5_8751237_x2.....cgccaguGcugcgauccggagacgu..... 1
Gi2_10966131_x2.....cgccagCacugcgauccggagac..... 1
Gi3_28179166_x2.....cgccaguaNugcgauccgg..... 1
Gi3_28029820_x2.....cggagGcugcugggaaacacg..... 1
Gi3_28150074_x2.....caggccAcgccaguacugcgauccgg..... 1
Gi3_28247954_x2.....cagAccccgccaguacugcgau..... 1
Gi5_8769845_x2.....cggagacgucgugggaaAacggg..... 1
Gi3_28231170_x2.....gUagagaagcgccgucagggccccgc..... 1
Gi2_10920499_x2.....ccUguacugcgauccggag..... 1
Gi3_28093906_x2.....gGagagaagcgccgucagggccccgcag..... 1
Gi4_564840_x2.....acgucgugggaaacacggggugccgaac..... 0
Gi3_28156162_x2.....cccgccGguacugcgau..... 1
Gi2_10851569_x2.....ugggaaacacgggAugccga..... 1
Gi2_10944673_x2.....cgccaguacugcgauccggagCcg..... 1
Gi1_4137761_x2.....gaagagaagcgccgucagggccc..... 0
Gi2_10936783_x2.....aucggagacgucgugggaaacacUgggu..... 1
Gi2_10924139_x2.....ccgCcagggccccgccaguacugcg..... 1
Gi3_28028284_x2.....aucggagacgucgucGgaaacacg..... 1
Gi5_8763595_x2.....gucCugggaaacacggggugccgaacu..... 1
Gi3_28124982_x2.....Uccccgccaguacugcgauccggagacg..... 1
Gi2_10953933_x2.....caggccccgccaguacCcgauccggag..... 1
Gi2_10908305_x2.....Gcgccaguacugcgauccggagacg..... 1
Gi2_10958401_x2.....aagagaagcgccgucCggccc..... 1
Gi2_10850143_x2.....caggccccgccaguacugcgauccggC..... 1
G1a_5954082_x2.....gaacacggggugccgCacu..... 1
Gi3_28019874_x2.....Gcggagacgucgugggaaacacggggugccg..... 1
Gi1_4089355_x2.....ucagggccccgUaguacugcgauccgg..... 1
Gi2_10968523_x2.....aggAcccgccaguacugcgau..... 1
Gi3_28070100_x2.....ugggaaacacUgggugccga..... 1

Gi3_28015224_x2.....	cgugggaacacggggugccgaacuu.....	0
Gi5_8743301_x2.....	Ggccaguacugcgauccgagacguc.....	1
Gi2_10896595_x2.....	aggccccgccaguacugcgUucggaga.....	1
Gi2_10951503_x2.....	Acggagacgucgugggaac.....	1
Gi1a_5952858_x2.....	aGuuaggaagagaagcgccguc.....	1
Gi5_8817743_x2.....	agagGagcgccgucaggccccgccagu.....	1
Gi1_4100263_x2.....	gugggaacCcggggugccgaac.....	1
Gi2_10846387_x2.....	cggagacgucgugggaacacggggCg.....	1
Gi4_559150_x2.....	cgugggaacaUggggugccgaacu.....	1
Gi2_10948447_x2.....	caggUcccgccaguacugcgauccg.....	1
Gi2_10919175_x2.....	gagacgucgugAgaacacggggugc.....	1
Gi3_28188768_x2.....	ucUggccccgccaguacugcgauccg.....	1
Gi4_560444_x2.....	gugggaacacggAgugccgaacu.....	1
Gi2_10854669_x2.....	aucggagacgucgugggaUacggggugcc.....	1
Gi1a_5932466_x2.....	Accccgccaguacugcgauccgagacguc.....	1
Gi2_10900053_x2.....	gccccgccaguacugcgauccggagacgCc.....	1
Gi1_4095367_x2.....	gugggaacacggggugUcgaac.....	1
Gi2_10916001_x2.....	gaucggagacgucAugggaacac.....	1
Gi1_4104639_x2.....	ucgugggaacacggggugcGgaac.....	1
Gi3_27984736_x2.....	gacgucguggAaacacggggg.....	1
Gi3_28129056_x2.....	agacgucNgggaaacacggg.....	1
Gi2_10972959_x2.....	agacgucgugggaacacggggugccgaGc.....	1
Gi2_10853711_x2.....	aucAgagacgucguggga.....	1
Gi3_28131384_x2.....	aucggagacgucgugggaacacggggugGc.....	1
Gi1_4095909_x2.....	cgugggaacacggggugccgaUc.....	1
Gi2_10880075_x2.....	gccccUccaguacugcgaucc.....	1
Gi5_8764251_x2.....	gucUugggaacacggggugccgaacu.....	1
Gi1_4123717_x2.....	cgucgugggaacacgggAugccgaacu.....	1
Gi2_10980899_x2.....	agUccccgccaguacugcgauccggagacgu.....	1
Gi3_28115514_x2.....	ucggagacgucgCgggaacacgggg.....	1
Gi3_28060156_x2.....	gucgGgggaacacggggugccgaac.....	1
Gi2_10955137_x2.....	gccgucagNccccgccaguacugcg.....	1
Gi5_8822233_x2.....	ccaguacugcgauccAagacgu.....	1
Gi1a_5956478_x2.....	aacacggggugccgCacu.....	1
Gi3_28036428_x2.....	gugggaacNcggggugccgaacuu.....	1
Gi3_28114124_x2.....	ggccccgccGguacugcgauccgga.....	1
Gi2_10986267_x2.....	ugggaacacgAgggugccgaac.....	1
Gi3_28095574_x2.....	aaagagaGgcccgcgucaggc.....	1
Gi5_8718839_x2.....	ucgugGgaacacggggugccgaacu.....	1
Gi2_10951997_x2.....	gucaggccccUgccaguacugc.....	1
Gi1_4138689_x2.....	gaacacgggUugccgaacu.....	1
Gi3_28144010_x2.....	gaagagaagcgUcgucaggccc.....	1
Gi3_28012794_x2.....	gGucggagacgucgugggaaca.....	1
Gi3_28154008_x2.....	aggccccCccaguacugc.....	1
Gi2_10922361_x2.....	gggaacacggggGgccga.....	1
Gi3_28027914_x2.....	ucggagacgucgugggaGcacggggugcc.....	1
Gi3_28238646_x2.....	ccgccaguacugcgauccggagGc.....	1

Gi3_28094410_x2.....agacgucuguggaacaacacggggGgccgaacu..... 1
Gi3_28148312_x2.....ggccUcgccagucugcgauC..... 1
Gi1_4132683_x2.....aCgggagacgucgugggaaacacgg..... 1
Gi3_28214876_x2.....gaagagaagcgccgCcaggcccccgccag..... 1
Gi3_28258698_x2.....gucuguggaacaacacggggAgcc..... 1
Gi3_28109972_x2.....ggagacgucgCgggaacacggg..... 1
Gi2_10908455_x2.....gauUggagacgucgugggaaacacgggg..... 1
Gi3_28246314_x2.....aggccccgccagucugcCa..... 1
Gi3_28257296_x2.....caggccccgccagucacAacgaucgga..... 1
Gi3_28088992_x2.....gaucggagacgucgugggaaacaUgggg..... 1
Gi3_28214290_x2.....cguCggaacacggggugccgaac..... 1
Gi5_8780513_x2.....cgugggaacacgAggugccgaacu..... 1
Gi2_10873721_x2.....cggagacgucgugggaaacacggggugGc..... 1
G1a_5900050_x2.....Gucggagacgucgugggaaacacg..... 1
Gi3_28183142_x2.....aaUagaagcgccgucagggccc..... 1
Gi2_10923643_x2.....ccgucCggccccgccagucugcgauC..... 1
Gi2_10957703_x2.....GcugcgauCggagacgucgugggaaaca..... 1
Gi1_4134563_x2.....agacUucgugggaaacacggg..... 1
Gi2_10952965_x2.....cGggccccgccagucugcgauCgg..... 1
Gi1_4137763_x2.....cgugggaGcacggggugccga..... 1
Gi1_4118465_x2.....agUcgucgugggaaacacggggugccgaacu..... 1
Gi2_10954715_x2.....gGacugcgauCggagacgucguggg..... 1
Gi3_28155664_x2.....acgucgugggaaacacggggGgccg..... 1
Gi3_28246936_x2.....uacCgcgauCggagacguc..... 1
Gi2_10984453_x2.....gaucggagaUgucgugggaaacacgggg..... 1
Gi1_4098425_x2.....gggaGacggggugccgaacu..... 1
Gi2_10837567_x2.....aucggagacgucguAggaaacacggggug..... 1
Gi3_28136290_x2.....cguUggaacacggggugcc..... 1
Gi2_10919413_x2.....aggccccgcGaguacugcgauC..... 1
Gi2_10907987_x2.....aggccccgccagucugcgCu..... 1
Gi2_10877525_x2.....gggaacacggggGgccgaa..... 1
Gi2_10832141_x2.....cgucgugggaaacacggggugAcg..... 1
Gi1_4128303_x2.....gggaacacggUgugccgaacu..... 1
Gi3_28115648_x2.....gagacgucgugggaaacacggggugcUgaaC..... 1
Gi2_10882991_x2.....aucggagacgucgugggaaacC..... 1
Gi2_10898377_x2.....ccccgccGguacugcgauCggagac..... 1
Gi3_28181346_x2.....gugggaacaGggggugcc..... 1
Gi2_10867407_x2.....aguacugcgauCggCgacgu..... 1
Gi2_10932549_x2.....cgugggaaUacggggugc..... 1
Gi3_28163782_x2.....cgucguCggaacacggggugccg..... 1
Gi2_10832955_x2.....ggaaAacggggugccgaacu..... 1
Gi2_10855495_x2.....gcUaguacugcgauCggagacg..... 1
Gi3_28258586_x2.....aggccccgccagucugAgauCgga..... 1
Gi2_10896285_x2.....UguacugcgauCggagac..... 1
Gi1_4143281_x2.....gCgaacacggggugccgaacu..... 1
Gi1_4098543_x2.....Uucagggccccgccagucugcg..... 1
Gi2_10870585_x2.....aggccccccaCuacugcgauC..... 1

Gi2_10948213_x2.....cGggccccgccaguacugcgauccgaga..... 1
Gi3_28243538_x2.....cgucaggccccgcUaguacugc..... 1
Gi2_10902935_x2.....ugggaacacggggCgccgaa..... 1
Gi1_4157229_x2.....gucgugggaacacggggugcU..... 1
Gi3_28000296_x2.....acugcgauccgCgacgucgug..... 1
Gi5_8778727_x2.....gugggaacGcggggugccgaacu..... 1
Gi3_28064346_x2.....gGagagaagcgccgucagccccgccagua..... 1
Gi5_8800465_x2.....ucgugggaacacggggugccgaUc..... 1
G1a_5966328_x2.....Uaagagaagcgccgucagcccc..... 1
Gi1_4137903_x2.....cgCcgugggaacacggggugcc..... 1
Gi2_10975177_x2.....cccGUcaguacugcgauccg..... 1
Gi5_8758991_x2.....gucgugggaacacggggAgccgaacu..... 1
Gi1_4120607_x2.....ucguAggaacacggggugcc..... 1
Gi3_28147862_x2.....cgucgugggaacacggggUcccgaac..... 1
Gi5_8747457_x2.....cgCcgugggaacacggggugccga..... 1
Gi3_28231686_x2.....gaucggagUcugcugugggaacacggg..... 1
Gi1_4121037_x2.....gaaGacggggugccgaacu..... 1
Gi3_28117680_x2.....agNccccgccaguacugcgaucc..... 1
Gi2_10830549_x2.....gaacacCgggugccgaacu..... 1
Gi1_4095389_x2.....gccaguacugcgauccgagacgucgug..... 0
Gi2_10849345_x2.....cguAgugggaacacggggugccgaacu..... 1
Gi3_28067594_x2.....aUugcgauccgagacguc..... 1
Gi5_8731191_x2.....aacacggggUcccgaacu..... 1
Gi2_10914985_x2.....cgucCggccccgccaguacug..... 1
Gi5_8720715_x2.....gaucggagacgucgugggaGcac..... 1
Gi3_28226396_x2.....uUaggccccgccaguacugc..... 1
Gi2_10877497_x2.....gggaacacggggugUcgaa..... 1
Gi3_28038254_x2.....ggccccgccaguacugcgaucc..... 1
Gi4_567268_x2.....aaUacggggugccgaacu..... 1
Gi3_28047234_x2.....ucggagacgucgCgggaacacggggugc..... 1
Gi2_10864083_x2.....gCcgugggaacacggggugc..... 1
Gi2_10962673_x2.....cCgagacgucgugggaacacggggU..... 1
Gi2_10898817_x2.....Uccaguacugcgauccgagacgucgug..... 1
Gi1_4096015_x2.....ucaggccccgccaguacugcgaCcgga..... 1
Gi3_28070434_x2.....aggccccgccaguacugcgC..... 1
Gi3_28248462_x2.....ggagacguNgugggaaca..... 1
Gi3_28104270_x2.....ccgucaggNccccgccaguacugc..... 1
Gi3_28130646_x2.....gaucggagacAucgugggaacac..... 1
Gi3_27995714_x2.....cugcUaucggagacgucg..... 1
Gi3_28145966_x2.....aacacggggugccAaacuu..... 1
Gi2_10876245_x2.....Gcgauccgagacgucgugggaacacggggugc..... 1
Gi3_28206414_x2.....gccaAuacugcgauccgagacguc..... 1
Gi2_10919353_x2.....CgacgucgugggaacacggggU..... 1
Gi3_28022252_x2.....aucggagacgucgAgggaaacacgggg..... 1
Gi3_28069068_x2.....cagAccccgccaguacugc..... 1
Gi1_4117087_x2.....gaGcacggggugccgaacu..... 1
Gi3_28160214_x2.....aucggGacgucgugggaacacggggugccgaac..... 1

Gi5_8825779_x2.....aggUcccgccaguacugcgau..... 1
Gi2_10897033_x2.....caggccccgccaguacugcgaGc..... 1
Gi3_28125416_x2.....agagaagcNccgucaggccccg..... 1
Gi3_28099810_x2.....agacgucgCgggaacacgggg..... 1
Gi3_28259516_x2.....aucggUgacgucgugggaacacggggugcc..... 1
Gi3_28059278_x2.....ggccccgccUguacugcgau..... 1
Gi2_10903377_x2.....acgucgugggaacacggggAgccgaac..... 1
Gi3_28002998_x2.....agacgucgugggaacaUggggugccgaa..... 1
Gi3_28161850_x2.....agaGgcgccgucagggccccgcau..... 1
Gi3_28074656_x2.....gagaagcgccgucGggcccc..... 1
Gi1_4140219_x2.....ggagacgucgugggaGcacggggugcc..... 1
Gi3_28054952_x2.....agacgucgugggaacacggggugAcgaacu..... 1
Gi2_10945727_x2.....caggGccccgccaguacugc..... 1
Gi2_10838303_x2.....aagcgcUgucagggccccgccaguac..... 1
Gi1_4152171_x2.....cgugCgaacacggggugccgaacu..... 1
Gi5_8787299_x2.....gugggaacacggggugccgUac..... 1
Gi3_28021400_x2.....cgccaguacugcgauccggagCcguc..... 1
Gi3_28105682_x2.....cgucgugggaacacUgggugccgaacu..... 1
Gi2_10952249_x2.....cGcgccaguacugcgauccggagacgucg..... 1
Gi3_28001934_x2.....gaucAgagacgucgugggaacacgg..... 1
Gi2_10879007_x2.....caggccccgccaguGcugc..... 1
Gi1_4107995_x2.....ucgugUgaacacggggugccgaacu..... 1
Gi2_10981223_x2.....gugggaacacCgggugccgaac..... 1
Gi2_10863195_x2.....aUgcgccgucagggccccgccaguacugc..... 1
Gi2_10980859_x2.....acgucgugggaacacgggAugccgaac..... 1
Gi3_28184242_x2.....cCucagggccccgccagua..... 1
Gi3_28056092_x2.....Ggucagggccccgccaguacu..... 1
Gi3_28174574_x2.....cgccgucagggccccgccaguacC..... 1
Gi2_10835877_x2.....ccaguacuNcgauccggagacg..... 1
G1a_5914708_x2.....gugggaacacggggugccAaac..... 1
Gi3_28189456_x2.....cggagacgucgCgggaacacgg..... 1
G1a_5941972_x2.....aUacgucgugggaacacggggugccgaac..... 1
Gi3_28226406_x2.....cgucgugggaaAacggggugccgaac..... 1
Gi3_28118140_x2.....ccgccaguaUugcgauccggagacgu..... 1
Gi5_8800859_x2.....gacgucgugggaacacggggugccgaGcu..... 1
Gi5_8784403_x2.....cgugggaacacggggugccAa..... 1
Gi3_28199968_x2.....aggccccgcAaguacugcgauccgga..... 1
G1a_5921892_x2.....agAacugcgauccggagacguc..... 1
Gi4_555574_x2.....ugggGacacggggugccgaacu..... 1
Gi5_8812025_x2.....uacugcgauccAgagacgu..... 1
Gi1_4129401_x2.....uAggaacacggggugccg..... 1
Gi3_28222656_x2.....ucggagacNucgugggaacacggggugcc..... 1
Gi2_10830487_x2.....gagacgucNugggaacacggggug..... 1
Gi5_8721415_x2.....gUgacgucgugggaacacg..... 1
Gi2_10848775_x2.....caggccccgccaguacAgcg..... 1
Gi3_28111260_x2.....caggcAccgccaguacugcgauccgga..... 1
Gi5_8778199_x2.....ggaaUacggggugccgaac..... 1

Gi2_10972255_x2.....gucaggccUcgccaguacugcgau..... 1
 Gl1a_5887176_x2.....cccgccaguacugcgauccggagGcguc..... 1
 Gi3_28169958_x2.....agaagcgccgucagggccccgcAa..... 1
 Gl1a_5911812_x2.....cccgccagNacugcgauccgga..... 1
 Gi1_4127521_x2.....Gggccccgccaguacugcgauccg..... 1
 Gi3_28258036_x2.....gucgugggaaAacggggugccga..... 1
 Gi3_28244206_x2.....gucgugggaaAacgggggu..... 1
 Gl1a_5914404_x2.....aacacggggCgccgaacu..... 1
 Gi5_8773353_x2.....Ugugggaacacggggugcc..... 1
 Gi3_28134372_x2.....guacugcgauccgCgacg..... 1
 Gi3_27993594_x2.....ugggaacacggCgugccgaa..... 1
 Gi3_28187906_x2.....gacgucgugggaaCccggg..... 1
 Gi2_10858699_x2.....ggagacgucgugggaaacacggggugcA..... 1
 Gi2_10890403_x2.....aggcccAgccaguacugc..... 1
 Gl1a_5941316_x2.....gugggaacacggggugUcg..... 1
 Gi1_4091761_x2.....gucgugggaaacaUggggugcc..... 1
 Gi3_28026224_x2.....ccccgccaguacugcgauccggagC..... 1
 Gi1_4151997_x2.....ugggaacacggggGgccgaac..... 1
 Gi5_8768179_x2.....aggccccgccagGacugcgau..... 1
 Gl1a_5921982_x2.....gaucUgagacgucgugggaa..... 1
 Gi2_10878403_x2.....aggcAccgccaguacugcga..... 1
 Gi3_28151460_x2.....gaGgucgugggaaacacggg..... 1
 Gi2_10858087_x2.....cgccaguacCgcaugcgagacguc..... 1
 Gi3_28205706_x2.....gucaggccccgccCguacug..... 1
 Gi5_8774635_x2.....agacgucgugAgaacacggggugccgaacu..... 1
 Gi5_8783105_x2.....acgucgugggaaacacggggAgccgaacu..... 1
 Gi5_8768275_x2.....aacacggggugccgaacu..... 0
 Gi3_28068258_x2.....cGccgccaguacugcgauccg..... 1
 Gi2_10917275_x2.....ccgucagggccccgccGguacugcg..... 1
 Gi5_8780973_x2.....gAgggaacacggggugccgaacu..... 1
 Gi3_28179160_x2.....ccccgccaguacugcgCucggagacg..... 1
 Gi1_4149687_x2.....guCggaacacggggugccgaacu..... 1
 Gi3_28260340_x2.....gaucggCgacgucgugggaaacacgg..... 1
 Gl1a_5921608_x2.....aCuacugcgauccggagacguc..... 1
 Gl1a_5954730_x2.....ggcccUgccaguacugcgau..... 1
 Gi3_28215228_x2.....aguacugcgauccAgagacgucgug..... 1
 Gi3_28191528_x2.....aggAcccgccaguacugcgau..... 1
 Gi3_28018068_x2.....ggccccgccUguacugcgau..... 1
 Gi2_10982365_x2.....cgugggaaacacggggAgcc..... 1
 Gi3_27987906_x2.....Uaagcgccgucagggccccgccaguacu..... 1
 Gi2_10869833_x2.....gacgucgGgggaaacacggggugccgaacu..... 1
 Gi1_4101317_x2.....aggccccgAcaguacugcgau..... 1
 Gi2_10862627_x2.....gacgucguggAaacacggggugccgaac..... 1
 Gi3_28054164_x2.....gugggaaacaGggggugccgaa..... 1
 Gi3_28125148_x2.....agAacugcgauccggagacgucguggg..... 1
 Gl1a_5902842_x2.....uaUgaagagaagcgccgucag..... 1
 Gi5_8824851_x2.....Ggucgugggaaacacggggugccgaa..... 1

Gi3_28204770_x2.....aAacgucgugggaacacggggugccgaac..... 1
 Gi2_10870177_x2.....aucggGgacgucgugggaacacggggugccgaacu..... 1
 Gi3_28049840_x2.....cgucgugggaacacggggugccUaacu..... 1
 Gi3_28072226_x2.....ucaggccccgccaguacugA..... 1
 Gi1_4113867_x2.....ggagacgucguAggaacacggggugcc..... 1
 Gi1_4121785_x2.....Gagcgcgcgucaggccccccaguacug..... 1
 Gi2_10991683_x2.ccuuaacucguuccgGau..... 1
 Gi2_10987005_x2.....gaucggagacgucgugggaacacggAgu..... 1
 Gi1_4113635_x2.....ucgugggaacacggggugcUgaac..... 1
 G1a_5957666_x2.....gUagacgucgugggaacacggggugc..... 1
 G1a_5876886_x2.....agGagcgcgcgucaggccccgc..... 1
 Gi1_4109851_x2.....gacgucgugggaCcacggggugccgaacu..... 1
 Gi3_28019064_x2.....ccgaauuaNgaagagaagcg..... 1
 Gi5_8785051_x2.....aucggagacgCcgugggaacac..... 1
 Gi2_10873013_x2.....aggccccccaguacuAcgaucg..... 1
 Gi1_4158531_x2.....gggaacacgUggugccgaacu..... 1
 G1a_5882998_x2.....aucggagacgucgugggaCcac..... 1
 Gi2_10917993_x2.....ucggagacgucUugggaacacggggugccgaacu..... 1
 G1a_5890864_x2.....aguacugcgauUgagacguc..... 1
 Gi1_4144103_x2.....cgugggaacacggggCgccga..... 1
 Gi4_564580_x2.....Ccgugggaacacggggugccgaacu..... 1
 Gi5_8758805_x2.....cgucgugggaacCcgggugc..... 1
 Gi2_10984723_x2.....gagacgucguggUaacacggggugcc..... 1
 Gi3_28044390_x2.....gucgugggaacacggggugccgG..... 1
 Gi3_28098804_x2.....gucgugggaacacggggugccgU..... 1
 Gi2_10956593_x2.....caggccUcgccaguacugcgau..... 1
 G1a_5930410_x2.....gugggaacacggggGgccga..... 1
 Gi1_4113937_x2.....gucgugggaUacggggugccgaacu..... 1
 Gi2_10841217_x2.....gaucggUgacgucgugggaacacggg..... 1
 Gi3_28238804_x2.....cgugggaacacggggugcUg..... 1
 Gi5_8755091_x2.....gacgucgugggaacacggggugccAaacu..... 1
 G1a_5971680_x2.....gaucggagGcgcgucgugggaacacggggu..... 1
 Gi2_10926491_x2.....aagagaagNgccgucaggccccccagau..... 1
 Gi1_4157721_x2.....ugggaacacggggugccgaUu..... 1
 Gi3_28059750_x2.....gaucggagacgucgCgggaacacgg..... 1
 G1a_5937132_x2.....aucggagacgucgugggaacacggggA..... 1
 Gi2_10935903_x2.....aucggagacgucgugggaacacgCggugc..... 1
 Gi1_4144693_x2.....ucgugggaNcacggggugc..... 1
 Gi5_8726961_x2.....aucggGgacgucgugggaacac..... 1
 Gi2_10916171_x2.....acUucgugggaacacggggugccgaac..... 1
 Gi4_557008_x2.....cggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27986222_x2.....acgucgugggaacGcggggugccga..... 1
 G1a_5888630_x2.....Caucggagacgucgugggaacacggggu..... 1
 Gi2_10840719_x2.....aggcGccgccaguacugc..... 1
 Gi3_28086144_x2.....ggUcccgccaguacugcgauccga..... 1
 G1a_5929048_x2.....cAugggaacacggggugcc..... 1
 Gi2_10982137_x2.....cgaucggagacgucgugggaCcacggg..... 1

Gi5_8783353_x2.....gggaacacgggguAccgaac..... 1
 Gi3_28153206_x2.....acugcgauccggGgacgucgug..... 1
 Gi5_8780207_x2.....cgucgGgggaacacggggugccgaac..... 1
 Gi5_8721073_x2.....gugggaacaAggggugccgaac..... 1
 Gi2_10963435_x2.....ucggagacgucguggaaUa..... 1
 Gi2_10867793_x2.....gaucggagacAucgugggaacac..... 1
 Gi4_566300_x2.....Gguacugcgauccggagacguc..... 1
 Gi5_8718479_x2.....caggccccgcUaguacugcg..... 1
 Gi3_27991356_x2.....cggGgacgucgugggaacac..... 1
 G1a_5936878_x2.....gggaacaUggggugccgaacu..... 1
 Gi2_10911905_x2.....cgUucggagacgucgugggaacacggg..... 1
 G1a_5953002_x2.....ggNaacacggggugccgaacu..... 1
 Gi3_28112202_x2.....cccgccGguacugcgauccggagacguc..... 1
 Gi3_28054754_x2.....ucggagacgucguggGacacggggugcc..... 1
 Gi3_28222432_x2.....acgucgugggaacacggggugcU..... 1
 Gi2_10932979_x2.....Ggagaagcgccgucagggccccgag..... 1
 Gi3_28173682_x2.....ggccccgcCguacugcgau..... 1
 Gi3_28144760_x2.....cgucagggccUcgccagua..... 1
 G1a_5973822_x2.....cgGcaggccccccaguacugcg..... 1
 Gi1_4125135_x2.....gagacgucguAggaacacggggugccgaacu..... 1
 Gi1_4094585_x2.....ggaacacggggugccgaaU..... 1
 Gi1_4141167_x2.....agacgucguggGacacggggugccgaac..... 1
 Gi2_10884789_x2.....cguAgugggaacacggggugccgaa..... 1
 Gi4_562610_x2.....gugggaacacggggugccCaacu..... 1
 Gi2_10872095_x2.....cgccagCacugcgauccggagacguc..... 1
 Gi5_8729441_x2.....caggccccgcCguacugcgau..... 1
 Gi2_10829627_x2.....cgugggaacacggggugAcgaa..... 1
 Gi2_10860083_x2.....cgggagacgucgugggaaUacg..... 1
 Gi3_28125700_x2.....Accgccaguacugcgauccgg..... 1
 Gi3_28017500_x2.....ugggaUcacggggugccgaa..... 1
 Gi3_28246436_x2.....guacugcgNucggagacguc..... 1
 Gi2_10958321_x2.....gCgaacacggggugccgaa..... 1
 Gi4_554326_x2.....cgucgugggaacacggggCgccga..... 1
 Gi1_4092337_x2.....ggaacacggggugccgaaUu..... 1
 Gi5_8810231_x2.....gugggGacacggggugccgaacuu..... 1
 Gi2_10844861_x2.....ggAaacacggggugccgaa..... 1
 Gi2_10963347_x2.....gccccgcCaguacugUgauc..... 1
 Gi3_28147552_x2.....aAacgucgugggaacacggggugccga..... 1
 Gi4_557516_x2.....cccgccaguacugcgauccggagacgCc..... 1
 G1a_5938550_x2.....cgccaguacugcAaucggagacguc..... 1
 Gi3_28145340_x2.....ugggaacacggggugccgaacuu..... 0
 Gi3_28170314_x2.....gacgucguggGacacggggugccg..... 1
 Gi3_28068146_x2.....GggccccgcCaguacugcgauccggaga..... 1
 Gi1_4113781_x2.....gugggaaUacggggugccgaac..... 1
 Gi5_8787669_x2.....gugggaacacggAgugccgaacuu..... 1
 Gi5_8789051_x2.....gacgucgugggaCcacggggugccgaacu..... 1
 Gi5_8822113_x2.....aucggagacAucgugggaacacg..... 1

Gi3_28155092_x2.....gaagagaagcgccgucagGAccc.....1
 Gi2_10855121_x2.....ggagacgucgugggaaUacggggugcc.....1
 Gi1_4147797_x2.....gacgucGgggaacacggggu.....1
 Gi5_8775817_x2.....ugggaacacgggCugccgaa.....1
 Gi3_27994568_x2.....gaucggagacgucgugggaaacacAgggu.....1
 Gi3_27983674_x2.....gccagucgucggaCcgagacgucg.....1
 Gi3_27981310_x2.....gccgGcaggccccccaguc.....1
 Gi1_4137089_x2.....gCacugcgauccggagacgucg.....1
 Gi2_10876675_x2.....gagaagcgccgucagggcccAc.....1
 Gi3_28041212_x2.....uUggaacacggggugccgaacuu.....1
 Gi5_8782913_x2.....aucggagacgucguggAaacacgg.....1
 Gi2_10887753_x2.....cUccagucgucggaucggagacgucg.....1
 Gi2_10906063_x2.....caggccccccagAacugcg.....1
 Gl1_5914868_x2.....acugcgauccAgagacguc.....1
 Gi3_28154044_x2.....uccgaauuaUgaagagaagcgc.....1
 Gi2_10889157_x2.....ugUgaucggagacgucguggga.....1
 Gl1_5937186_x2.....gGucggagacgucgugggaaacag.....1
 Gi2_10959753_x2.....gucgugggaaacaUggggugc.....1
 Gi2_10850337_x2.....gccccgccNguacugcgau.....1
 Gi3_27995580_x2.....aggcGccgccagucgucgau.....1
 Gi3_27980052_x2.....aggccccccCguacugcgau.....1
 Gi3_28113938_x2.....gacgucgugggaaacacgggga.....1
 Gi2_10923605_x2.....aucggagacgucgAggaaacacggg.....1
 Gi3_28056498_x2.....cgucgugggGacacgggg.....1
 Gi3_28168786_x2.....agacgucgugggaaCcacggggugcc.....1
 Gi2_10916997_x2.....aucggagacgucgugAgaacacggggug.....1
 Gi5_8745471_x2.....gugggaaacacggggugcUg.....1
 Gi2_10991095_x2.....ucggagacgucgugggaaGcacg.....1
 Gi3_27998160_x2.....gacgucgugggGacacggg.....1
 Gi2_10900309_x2.....guacugcgNucggagacgu.....1
 Gi3_28146398_x2.....aucggagacguAgugggaaacacggggugcc.....1
 Gl1_5926824_x2.....cgugggaaacacgUggugccgaacu.....1
 Gi4_566570_x2.....ccUgccagucgucggaucggagacguc.....1
 Gi5_8776649_x2.....gggaaacacggggugccCaacu.....1
 Gi3_28156098_x2.....ccccgccagucCggauc.....1
 Gi5_8808409_x2.....gugggGacacggggugccgaa.....1
 Gi2_10933377_x2.....acugcgauccggagacgucgC.....1
 Gi1_4151277_x2.....cagucgucggaucggagacgucgU.....1
 Gi3_28212462_x2.....gacAucgugggaaacacggggu.....1
 Gi2_10955701_x2.....Uaguacugcgauccggagacgucg.....1
 Gi2_10904539_x2.....ccccgUcagucgucggauc.....1
 Gi1_4115249_x2.....ccgucagccccccagucg.....0
 Gi3_28133356_x2.....gGcccgccagucgucggaucggagacgucg.....1
 Gl1_5907008_x2.....cccgccagucgucggaucggagaGguc.....1
 Gi3_28131848_x2.....Caacacggggugccgaacuu.....1
 Gi3_28233816_x2.....ggGgacgucgugggaaaca.....1
 Gi2_10923721_x2.....acgucgugggaaacaUggggugc.....1

Gi3_28196438_x2.....ggagacgucgugggaaAacggggugcc..... 1
 Gl1a_5922106_x2.....guUggaacacggggugcc..... 1
 Gl1a_5972136_x2.....gaGcacggggugccgaacu..... 1
 Gl1a_5891976_x2.....aguacugcgCucggagacguc..... 1
 Gi2_10949863_x2.....gaucggCgacgucgugggaacacggggugcc..... 1
 Gi2_10898649_x2.....cgugggaacacggggugccCaacu..... 1
 Gi2_10891069_x2.....ggagacgucgugggaacacgAggug..... 1
 Gi3_28179310_x2.....ccgucaggccccgccaguacCgcgaucgga..... 1
 Gi3_28088278_x2.....aguaUugcgauccggagacgucgug..... 1
 Gi1_4145203_x2.....gaacacggAgugccgaacuu..... 1
 Gi3_28001440_x2.....ucaggccccgccaguacCg..... 1
 Gi5_8756157_x2.....caggccccgccaguacugcA..... 1
 Gi2_10959841_x2.....gucgugggaacaUggggugcc..... 1
 Gi2_10869953_x2.....gCcaguacugcgauccggaga..... 1
 Gi3_28211394_x2.....ucggCgacgucgugggaacacg..... 1
 Gi3_28035186_x2.....Accgccaguacugcgau..... 1
 Gi1_4102319_x2.....cCugggaacacggggugccgaac..... 1
 Gi3_27985586_x2.....ucguuccgaauaUgaagagaagcgcguc..... 1
 Gi3_28134320_x2.....cccAccaguacugcgau..... 1
 Gi2_10833561_x2.....ggccccgccaguacugcgUuc..... 1
 Gi2_10945567_x2.....gaucggagCcgucgugggaacac..... 1
 Gi3_28083944_x2.....aggccccgccaguacugcgCu..... 1
 Gi1_4134573_x2.....Aaucggagacgucguggg..... 1
 Gl1a_5895550_x2.....cgucaggccccgccaguGcugc..... 1
 Gi5_8767603_x2.....gUgacgucgugggaacacggggugccgaacu..... 1
 Gi5_8813193_x2.....ucguAggaacacggggugccgaac..... 1
 Gi2_10979185_x2.....gccaguacugcgauUggagacguc..... 1
 Gi3_28074342_x2.....uGaggccccgccaguacugcgauccggagacg..... 1
 Gi3_28215310_x2.....gacgucgugggaacacgggC..... 1
 Gi3_28060548_x2.....caggGccccgccaguacugcgau..... 1
 Gi1_4122481_x2.....cgucGggccccgccaguacugcg..... 1
 Gi2_10854699_x2.....Gccccgccaguacugcgauccggagacgu..... 1
 Gi3_28147940_x2.....acgucgugggaacacAgggugccgaac..... 1
 Gi3_28183368_x2.....aggccccgccaguacCgcgaucggagac..... 1
 Gi3_28131340_x2.....gacgucgugggaacGcggggugc..... 1
 Gl1a_5912330_x2.....cUcgccaguacugcgauccggagacgu..... 1
 Gi2_10926347_x2.....ggaAacgucgugggaacacggggugc..... 1
 Gi3_28047122_x2.....gacgucgugggCacacggggugccg..... 1
 Gi3_28199978_x2.....ucaggccccAccaguacug..... 1
 Gi2_10937761_x2.....cgucaggccccAccaguacugcg..... 1
 Gi3_28068040_x2.....gaucggagCcgucgugggaacacggg..... 1
 Gi2_10955723_x2.....cgucgugggaacaAggggugccgaacu..... 1
 Gi5_8729857_x2.....ccgccaguacugcgauccggGgacguc..... 1
 Gl1a_5908106_x2.....Nugggaacacggggugccgaacu..... 1
 Gi5_8809047_x2.....ucgugggUacacggggugccgaac..... 1
 Gi3_28150152_x2.....agcgccgucaggcUccgcc..... 1
 Gi2_10918505_x2.....gagacgucgugggaacacggggugccgaac..... 0

Gi2_10990765_x2.....cgugggaacacAgggugccga..... 1
 Gi3_28179832_x2.....cUcgccaguacugcgauccg..... 1
 Gi3_28111436_x2.....aggccccgccUguacugcga..... 1
 Gi1_4138671_x2.....cUgagacgucgugggaaacacggggugccgaac..... 1
 Gi3_28209910_x2.....cccgccaguacugcgaCcgagacgu..... 1
 Gi3_28217992_x2.....ucGggccccgccaguacugcga..... 1
 Gi1_4117099_x2.....acgucgugggaaacacAgggugccg..... 1
 Gi2_10957177_x2.....aucggagacgucgGgggaacacggggu..... 1
 Gi3_28051892_x2.....aagagaagcgccgucagggccccgcc..... 1
 Gi2_10837971_x2.....acgucgugggaaacaUggggugcc..... 1
 Gi3_27995012_x2.....agaagcgccgucagggcAc..... 1
 Gi1_4107455_x2.....ggaacUcggggugccgaacu..... 1
 Gi1_4093351_x2.....gggaacacggggugcAgaacu..... 1
 Gi3_28023428_x2.....cggagacgucgugggaaacacgAgggugccga..... 1
 Gi1_4151531_x2.....gacgucgugggaaacacggggugcAgaacu..... 1
 Gi3_27999016_x2.....ccccgcUaguacugcgau..... 1
 Gi3_28008748_x2.....ucgugggaacacggggugccgaacuu..... 0
 Gi5_8794027_x2.....gucguggggUcacggggugccgaacu..... 1
 Gi3_28066140_x2.....Aggaacacggggugccgaacuu..... 1
 Gi2_10913977_x2.....ccgccaguacugcgauAgag..... 1
 Gi5_8773127_x2.....uAcgaucggagacgucgug..... 1
 Gi2_10835799_x2.....gaucggCgacgucgugggaaacacggg..... 1
 Gi2_10945929_x2.....caggcccAgccaguacugcgau..... 1
 Gi2_10845725_x2.....gugggaacacggggugccCa..... 1
 Gi3_28190016_x2.....aucggagacgucgugggaaacUcgggg..... 1
 Gi2_10934365_x2.....cguNgugggaacacggggugccg..... 1
 Gi3_28150686_x2.....ggccccgccaguacugcgG..... 1
 Gi3_28208054_x2.....gUucggagacgucgugggaaacacggggugc..... 1
 Gi3_28120314_x2.....agacgucguggggGcacggggugccga..... 1
 Gi2_10936193_x2.....agacgucgugAgaacacggggugccgaacu..... 1
 Gi2_10876263_x2.....gacgucgugggaaacacggggugUcgaacu..... 1
 Gi5_8745563_x2.....ugcgaucggagacgucgugggG..... 1
 Gi2_10967797_x2.....guacugcgauccggCgacgu..... 1
 Gl1a_5931366_x2.....aacGcggggugccgaacu..... 1
 Gi2_10931093_x2.....agacgucgugggaaacaGggggugcc..... 1
 Gi2_10890059_x2.....acgucgugggaaAacggggugccgaacu..... 1
 Gi3_28127210_x2.....agagGagcgccgucagggccccgc..... 1
 Gi5_8770135_x2.....cUgagacgucgugggaaacacggg..... 1
 Gi5_8770309_x2.....Gucggagacgucgugggaaacac..... 1
 Gi2_10863211_x2.....gagacgucguAggaacacggggug..... 1
 Gi5_8808905_x2.....Ggagaagcgccgucagggccccgccagu..... 1
 Gi2_10863967_x2.....ggaacacggggCgccgaa..... 1
 Gi2_10982243_x2.....aucggagacgucgugAgaacacggggu..... 1
 Gi2_10881011_x2.....acgucgugggaaacacggggugccgaCcu..... 1
 Gi3_28141442_x2.....aucggagacgucgugggaaacacCgggu..... 1
 Gi3_28211088_x2.....agacgucgugggaaacacggggugccgUac..... 1
 Gi2_10986113_x2.....cgccgucagggcccUgccagu..... 1

Gi1_4142287_x2.....gacgucgugggaaacGcggggugccgaacu..... 1
 Gi2_10834413_x2.....cgagacgucguUggaacacggggugcc..... 1
 Gi2_10936333_x2.....gggaacaGggggugccgaac..... 1
 Gi2_10972225_x2.....Uaagagaagcgcgcgucagggccccgccagua..... 1
 Gi2_10900595_x2.....aagcgccgucagggccccgcccGguac..... 1
 Gi3_28139918_x2.....acgucgugggaaacacggggugccgaacG..... 1
 G1a_5932922_x2.....cagggccccccagCacugcgau..... 1
 Gi3_28060668_x2.....aucggagacgucgAgggaacacgg..... 1
 Gi3_28126696_x2.....agagaagcgccgGcagggccccgc..... 1
 Gi3_28185060_x2.....ggccGcgccaguaucugcgau..... 1
 G1a_5905498_x2.....gggaacacggggugccgaC..... 1
 Gi2_10959107_x2.....cgucguggAaacacggggugc..... 1
 Gi1_4131159_x2.....agacgucgNgggaacacgggg..... 1
 Gi3_28146456_x2.....gaucggCgacgucgugggaaacacgggg..... 1
 Gi3_28222032_x2.....agacgucgugggaaacacAgggugccgaac..... 1
 Gi5_8794129_x2.....gCcgugggaaacacggggugccgaa..... 1
 Gi3_27991438_x2.....cccgccaguaucgGgaucggagacgucgug..... 1
 Gi3_28093960_x2.....cagggccccgccaguaAugc..... 1
 Gi3_28199500_x2.....cgauccggaNacgucgugg..... 1
 Gi3_28219626_x2.....gggaacacggggugccCaacu..... 1
 Gi3_28241694_x2.....ucagggccccgccagCacugc..... 1
 Gi3_28223568_x2.....cgccaguaucAgcgauccgagac..... 1
 Gi1_4139175_x2.....acgucgugggaaacacggggCgcccgaac..... 1
 Gi1_4158485_x2.....gucgugggaaacacggggugc..... 0
 Gi3_28095110_x2.....cgccaguaucgcgauccAgagacg..... 1
 Gi1_4104319_x2.....agacgucgugggaaacGcggggugccg..... 1
 Gi5_8720321_x2.....gcUgucagggccccgccaguauc..... 1
 Gi5_8807673_x2.....cgugUgaacacggggugccgaacu..... 1
 Gi4_560560_x2.....aguacugcgauccgagac..... 0
 Gi5_8785047_x2.....acgucgugggaaacacggggugccgCac..... 1
 Gi1_4143291_x2.....aucAgagacgucgugggaaacacgggg..... 1
 Gi2_10988925_x2.....gagacgucgCgggaacacggggugccgaacu..... 1
 Gi1_4132763_x2.....gaucggagacgucgugggaaacacgU..... 1
 Gi1_4120365_x2.....agacgucguAggaaacacggggugccgaacu..... 1
 Gi2_10936447_x2.....acgucCugggaacacggggugcc..... 1
 Gi5_8746537_x2.....gugggaacaUggggugccga..... 1
 Gi3_28243380_x2.....agacgucgAgggaacacggggugccgaacu..... 1
 Gi3_28158876_x2.....cGcgccaguaucgcgauccgagacgucgug..... 1
 G1a_5975640_x2.....Agaacacggggugccgaac..... 1
 Gi1_4107425_x2.....gaucggagacgucgugggaaacacgggU..... 1
 Gi3_27992106_x2.....agacgucgugggaaacGcggg..... 1
 Gi4_560196_x2.....gugggaacacggAgugccgaa..... 1
 Gi3_28132214_x2.....ucagggccccgAcaguaucg..... 1
 Gi2_10900327_x2.....cgugggaacaUggggugccga..... 1
 Gi2_10871667_x2.....cUgagacgucgugggaaacacggggugccgaac..... 1
 Gi2_10925505_x2.....cUgagacgucgugggaaacacggggugccg..... 1
 G1a_5955948_x2.....aagcgccgNcaggccccgccaguaucg..... 1

Gi2_10924127_x2.....cgucgugggaacacggAgugcc..... 1
 Gi1_4119441_x2.....ggagacgCcgugggaacacggggugccg..... 1
 Gi3_27990376_x2.....acgucgugggaacacgUggugccgaacu..... 1
 Gi2_10847327_x2.....ggccccgccGguacugcga..... 1
 Gi2_10864607_x2.....agagaagcgccgucagggccccgcUag..... 1
 Gi3_28167100_x2.....gugggaacacgggUugccga..... 1
 G1a_5882770_x2.....agccccgNcaguacugcgauc..... 1
 Gi3_28104536_x2.....cgucgugggaacacggggugGcg..... 1
 Gi3_28225864_x2.....ggagacgucgugggaacacggggugcA..... 1
 Gi2_10848887_x2.....aucggagacgucgugAgaacacg..... 1
 Gi3_28223854_x2.....Gggagacgucgugggaacacgg..... 1
 Gi2_10882243_x2.....ggagacgucgugggaacCcggggugc..... 1
 Gi2_10894949_x2.....cUccgccaguacugcgauc..... 1
 Gi3_28020498_x2.....ccccgccaguGcugcgaucgga..... 1
 Gi5_8718753_x2.....Aagacgucgugggaacacg..... 1
 Gi2_10960987_x2.....ccccgccaguacCgcgaucgg..... 1
 Gi2_10855591_x2.....ccgucagggccccgccGguacugc..... 1
 Gi1_4120675_x2.....aucggagacgucgugggaGcacggggugcc..... 1
 Gi2_10841599_x2.....agccccgccCguacugcgauc..... 1
 Gi2_10914777_x2.....aucggagacgucgugggaaAacggg..... 1
 Gi3_28218010_x2.....cggaUacgucgugggaacacggggugccga..... 1
 Gi3_28248662_x2.....ccgccaguacugcgaucggCgacguc..... 1
 Gi3_28163008_x2.....cguUagggccccgccaguacugc..... 1
 Gi3_28228746_x2.....ggaacacggggugcAga..... 1
 G1a_5969606_x2.....cgucCggccccgccaguacugc..... 1
 Gi3_28173088_x2.....ugggaCcacggggugccg..... 1
 Gi3_28196320_x2.....Uguacugcgaucggagacguc..... 1
 Gi3_28200094_x2.....aucggagacgucgugggaacacUgg..... 1
 Gi2_10868897_x2.....ccccgccaguacugUgaucgg..... 1
 G1a_5978494_x2.....gugggaaAacggggugcc..... 1
 Gi3_28158862_x2.....gacgucgugggaacacggggugAcgaacu..... 1
 Gi3_28140362_x2.....agCccccgccaguacugcgauc..... 1
 Gi3_28154786_x2.....cUaguacugcgaucggagacguc..... 1
 Gi1_4132825_x2.....cgucagggccccgccaguacu..... 0
 Gi1_4120017_x2.....aacacUgggugccgaacu..... 1
 Gi4_565018_x2.....cgucgugggaGcacggggugccga..... 1
 Gi3_28256614_x2.....cggagacgCcgugggaacacggggugccga..... 1
 Gi2_10832467_x2.....gaucggagacgucgugAgaacacggggugc..... 1
 Gi2_10960335_x2.....gcccgcucagggccccgccGguacug..... 1
 Gi3_27999604_x2.....ucagggcccNgccaguacug..... 1
 Gi1_4102743_x2.....ucAugggaacacggggugccgaac..... 1
 Gi3_28127672_x2.....Caagcgccgucagggccccgccaguac..... 1
 Gi5_8724677_x2.....gacgucgugggaUcacggggugccgaacu..... 1
 Gi2_10979865_x2.....aucNgagacgucgugggaaca..... 1
 Gi1_4150179_x2.....ucUugggaacacggggugccgaac..... 1
 Gi2_10837335_x2.....ggaacacggCgugccgaac..... 1
 Gi3_28225414_x2.....ccccgccaguacGcgaucggagacgu..... 1

Gi1a_5948876_x2.....aUagaagcgcgcgucagggccc..... 1
 Gi1_4106059_x2.....aucggagaNgucguggggaacac..... 1
 Gi3_28198436_x2.....ucggagacgucguggggaacGcggggugcc..... 1
 Gi3_28084166_x2.....Gcccgccaguacugcgaucggagacgu..... 1
 Gi3_28010148_x2.....aggccccgccaCuacugcgau..... 1
 Gi1_4094475_x2.....gucguggggaacacgAggug..... 1
 Gi5_8729033_x2.....acgucgugggaaGacggggugccgaacu..... 1
 Gi1_4150883_x2.....auuaggaagagaagcgcgcguc..... 0
 Gi5_8770177_x2.....caggcccAgccaguacugcgau..... 1
 Gi3_28049760_x2.....agaagcAccgucagggccc..... 1
 Gi3_28220490_x2.....aggccccgAcaguacugcgau..... 1
 Gi5_8812281_x2.....cgugUgaacacggggugcc..... 1
 Gi3_28150668_x2.....gccaguacugcgauccggGgac..... 1
 Gi3_27986010_x2.....aucggagacgucguCggaacacggg..... 1
 Gi2_10862605_x2.....Gggccgcucagggcccgcaguacugcg..... 1
 Gi3_28235222_x2.....ucguggggaacacggggguCccgaacu..... 1
 Gi2_10853177_x2.....gccccgccaguacugcgauU..... 1
 Gi3_28062268_x2.....ggccccgccaguacugcgUuc..... 1
 Gi3_28047014_x2.....gaucggagacgucguAgggaacacgg..... 1
 Gi2_10943989_x2.....agacgucguggggaacacggggugccgaacG..... 1
 Gi3_28147638_x2.....caggccccgccaguacugcAau..... 1
 Gi3_28203954_x2.....aUaagcgcgcgucagggcccgcaguacugcg..... 1
 Gi3_28190028_x2.....ugggaacacggggugccUa..... 1
 Gi1a_5958980_x2.....guggggaacCcggggugcc..... 1
 Gi1_4104005_x2.....ucguggggaacGcggggugcc..... 1
 Gi3_28095932_x2.....caggccAcgccaguacugcgau..... 1
 Gi1_4156945_x2.....ucguggggaacacggggGgcc..... 1
 Gi2_10926851_x2.....gccaguacugcgGucgga..... 1
 Gi1_4144995_x2.....ugggaacacggggugAcgaac..... 1
 Gi5_8718423_x2.....uggAaacacggggugccgaac..... 1
 Gi4_566234_x2.....gaucggagacgucgugggaa..... 0
 Gi3_28198708_x2.....gaGgagaagcgcgcgucagggccc..... 1
 Gi2_10913015_x2.....cgggagacgucguggggaacacggggC..... 1
 Gi2_10840785_x2.....aucgCagacgucguggggaaca..... 1
 Gi3_28158008_x2.....gaagagaagcgcgcgucagC..... 1
 Gi4_561452_x2.....acgucguggggaacacggggugccgaaAu..... 1
 Gi1_4092387_x2.....guggggaacNcggggugcc..... 1
 Gi3_28230914_x2.....acgucguggggaacacggggugcGgaac..... 1
 Gi3_28243518_x2.....aUacgucguggggaacacgggg..... 1
 Gi2_10958557_x2.....gGagcgcgcgucagggcccgcagu..... 1
 Gi2_10843303_x2.....aucggagacgucgugggaaAa..... 1
 Gi2_10894447_x2.....aggAcccgccaguacugc..... 1
 Gi3_28212196_x2.....ucUgagacgucguggggaacacggggugcc..... 1
 Gi2_10876505_x2.....uGggagacgucguggggaacacgggggu..... 1
 Gi5_8766521_x2.....aucggaAacgucguggggaacacg..... 1
 Gi1_4154213_x2.....gcUaucggagacgucgugggaaaca..... 1
 Gi3_28017728_x2.....agcgccAucagggcccgc..... 1

Gi5_8770079_x2.....cUgucaggccccccagguacugcg.....1
 Gi5_8738373_x2.....gugggaacacggggugcA.....1
 Gi2_10899383_x2.....caggccccccagguacAgcgauc.....1
 Gi5_8749593_x2.....cgugggaCcaccggggugccgaac.....1
 Gi2_10895655_x2.....gaucggagacgucgugggaacacggAgugc.....1
 Gl1a_5893868_x2.....caguacugcgUucgggagacguc.....1
 Gl1a_5968718_x2.....ggaacacggggugccUaacu.....1
 Gi2_10919953_x2.....aggccccccagguacugcgCucgga.....1
 Gi2_10882223_x2.....gaucggagacgucgugggaacacggU.....1
 Gi3_28029694_x2.....gccaguacNgcgauccgggagacgu.....1
 Gi2_10868985_x2.....acgucgugggaGcacggggu.....1
 Gi3_27980066_x2.....cugcgauccggCgacgucg.....1
 Gi2_10955023_x2.....gccccccagguacugAgauc.....1
 Gi3_27986984_x2.....ugggaacacggggUccga.....1
 Gi5_8723707_x2.....gugggaacaUggggugccgaa.....1
 Gi3_28074980_x2.....cguAgugggaacacggggugcc.....1
 Gi2_10902593_x2.....cggagacgucgugggUacacggggu.....1
 Gi5_8820789_x2.....acgucgugggaacacggggugUcgaacu.....1
 Gi3_28019934_x2.....aucggaAacgucgugggaacacgggg.....1
 Gi3_28199612_x2.....ucgugggaacacggUgugccgaac.....1
 Gi2_10972607_x2.....ucaggccccccGguacugc.....1
 Gi3_28114000_x2.....cgucgugggaacacggggugcG.....1
 Gi3_27980880_x2.....agcgUcguacaggccccccagguacugc.....1
 Gl1a_5932168_x2.....aauuaggaagagGagcgccguc.....1
 Gi3_28034422_x2.....aguacugcgauccggagCcgucg.....1
 Gi2_10872199_x2.....cgugggaacacggggugcUg.....1
 Gi3_28139014_x2.....ucgugggaacacggggugccgaUcu.....1
 Gi5_8778217_x2.....ugggaacaNggggugccgaacu.....1
 Gi3_28160142_x2.....gucaggcccUgccagguacugcg.....1
 Gi5_8745129_x2.....agacgucgugggaacacggggugccgaacG.....1
 Gi2_10855043_x2.....agacgucgugggaGcacggggugcc.....1
 Gl4_563534_x2.....ucgCgggaacacggggugccgaacu.....1
 Gi5_8817007_x2.....Ggucgugggaacacggggugc.....1
 Gi3_28068090_x2.....acAucgugggaacacggggugcc.....1
 Gi5_8742811_x2.....Gaggccccccagguacugc.....1
 Gi3_28192290_x2.....ggUgacgucgugggaacacggggugccgaac.....1
 Gi2_10950335_x2.....acgucgCgggaacacggggugccgaac.....1
 Gi1_4125553_x2.....agacgucAugggaacacggggugccgaacu.....1
 Gi3_28134304_x2.....gcgaucgggagacgucgugggaacacAg.....1
 Gl1a_5911524_x2.....Cugggaacacggggugccgaac.....1
 Gi5_8774857_x2.....gGucggagacgucgugggaacacg.....1
 Gi2_10953255_x2.....Gggagacgucgugggaacacg.....1
 Gi2_10969295_x2.....aucggagacgucgugggaacCcg.....1
 Gi3_28253040_x2.....aucggagacgucguggAaacacgg.....1
 Gi3_28221752_x2.....cgucgugggaacUcggggugccgaacu.....1
 Gi3_28163394_x2.....caggccccccagguacugAg.....1
 Gi3_28159972_x2.....ucagUccccccagguacugcg.....1

Gi1a_5905206_x2	.....aucggagaNgucguggggaacacg.....	1
Gi1_4095657_x2	.....cgucguggggaacacggggugccgaCcu.....	1
Gi3_28067858_x2	.....agacgAcguggggaacacggggugccgaacu.....	1
Gi1_4132859_x2	.....ugcgauccggagacgucgu.....	0
Gi3_28010524_x2	.....gaucUgagacgucguggggaacacgggggu.....	1
Gi1_4120043_x2	.....aucggagaNgucguggggaacacggggugc.....	1
Gi5_8775317_x2	.....aggccccccagucgucggauc.....	1
Gi5_8766289_x2	.....gGgaagcgccgucaggccccgc.....	1
Gi1_4152341_x2	.....cgugUgaacacggggugccgaac.....	1
Gi2_10953463_x2	.....aucggagaAgucguggggaacacgggggu.....	1
Gi3_28189526_x2	.....aUgucguggggaacacggggugccg.....	1
Gi1_4146363_x2	.....gucgugggCacacggggugccgaacu.....	1
Gi3_28198812_x2	.....ggaacacggAgugccgaa.....	1
Gi3_28189640_x2	.....agaagcgUcgucaggccccgc.....	1
Gi5_8768837_x2	.....gugggaacacggggugUc.....	1
Gi3_28030300_x2	.....gaucggagacgucgugAgaacacgggggu.....	1
Gi2_10922039_x2	.....gagaagcgccgucaggccccUgcc.....	1
Gi2_10835245_x2	.....aucggagaacgucguggggaUcacgggggu.....	1
Gi2_10876349_x2	.....cguggggaacacggggugcGgaac.....	1
Gi2_10941819_x2	.....aGugcgauccggagacgucgu.....	1
Gi4_555934_x2	.....gaucggagacgucguggggaacac.....	0
Gi1a_5978824_x2	.....gaacacgAggugccgaacu.....	1
Gi3_28254674_x2	.....aggccccccaAuacugcga.....	1
Gi2_10876803_x2	.....ggagacgucguggggaacacgAggugc.....	1
Gi3_28091550_x2	.....gaagcgUcgucaggccccccagua.....	1
Gi5_8783919_x2	.....gaacacggggugcGgaacu.....	1
Gi3_28004490_x2	.....gggaacacggCgugccgaac.....	1
Gi5_8824179_x2	.....gacgucguggggaacaGggggugccgaacu.....	1
Gi2_10837593_x2	.....acgucguggggaacacggggAgcc.....	1
Gi3_28197248_x2	.....gacgucgugggaaUacggggugccgaac.....	1
Gi3_28226498_x2	.....Gccccccagucgucggaucgga.....	1
Gi2_10991787_x2	.....ggagacgucgCgggaacacggggugc.....	1
Gi3_28089426_x2	.....ggagacgucgugggCacacg.....	1
Gi5_8828047_x2	.....acUcggggugccgaacuuu.....	1
Gi5_8795707_x2	.....gaucggagacAucguggggaacacggg.....	1
Gi2_10976041_x2	.....gaucggagacgucgugggAaacac.....	1
Gi2_10899575_x2	.....gaucggagacgucguggggaacacggggGg.....	1
Gi1_4100571_x2	.....ucguggAaacacggggugccgaac.....	1
Gi1_4098033_x2	.....ucgugggaacacggggug.....	0
Gi3_28173830_x2	.....aggccccccagucgucgCucgga.....	1
Gi2_10919729_x2	.....cGaguacugcgauccggag.....	1
Gi3_28245800_x2	.....cagAccccccagucgucg.....	1
Gi3_28255100_x2	.....agaagcgUcgucaggcccc.....	1
Gi2_10851085_x2	.....cgccagucAcggaucggaga.....	1
Gi3_28204440_x2	.....agacgucguggggaacacggggUaccgaacu.....	1
Gi3_28008610_x2	.....gagacgucgugCgaacacggggugccg.....	1
Gi1_4133883_x2	.....ucgugggaacacgCggugccgaacu.....	1

Gi2_10917071_x2.....aucggagacguUgugggaacacggggugcc..... 1
 Gi3_28020818_x2.....aggccccgccaguacugcgauccggU..... 1
 Gi3_28099774_x2.....aacacggggugcUgaacuu..... 1
 Gi5_8774041_x2.....gucguggCaacacggggugccgaacu..... 1
 Gi2_10884511_x2.....gugggaacacggggugccgU..... 1
 Gi3_28056794_x2.....ccUccaguacugcgauccggag..... 1
 Gi3_28186882_x2.....ggaagagaagcgcgcgucaggccc..... 0
 Gi3_28178126_x2.....agagaagAgccgucaggccccgcc..... 1
 Gi3_28172494_x2.....aguacugcNaucggagacg..... 1
 Gi2_10848267_x2.....cGccgccaguacugcgau..... 1
 Gi3_28222614_x2.....gUucggagacgucgugggaacacggggugccg..... 1
 Gi2_10984547_x2.....gaUgagaagcgcgcgucaggccccgcc..... 1
 Gi1_4116707_x2.....guUggaacacggggugccgaacuu..... 1
 Gi2_10890807_x2.....ucggagacgCcgugggaacacggggugccga..... 1
 Gi3_28209886_x2.....ccgccaguacugcgauccggGgacguc..... 1
 Gi2_10832177_x2.....ggccccgcAaguacugcgau..... 1
 Gi5_8740729_x2.....Gucggagacgucgugggaacacggggugcc..... 1
 Gi2_10987069_x2.....Ggucaggccccgccaguac..... 1
 Gi5_8810899_x2.....acugUgacugggagacgucgug..... 1
 Gi2_10908895_x2.....Ucccgccaguacugcgau..... 1
 Gi2_10934861_x2.....cgugggaacacggggUacc..... 1
 Gi5_8812727_x2.....ggccccgccaguacugcgCuc..... 1
 Gi2_10934883_x2.....cggagacgucgugggaacacgg..... 0
 Gi2_10878159_x2.....ggUgacgucgugggaacacggg..... 1
 Gi2_10894997_x2.....gUagacgucgugggaacacggggugccgaa..... 1
 Gi2_10942267_x2.....Gguacugcgauccggagac..... 1
 Gi1_4151703_x2.....uggNaacacggggugccgaacu..... 1
 Gi3_28128000_x2.....aucggagCcgucgugggaacacggggugc..... 1
 Gi2_10846431_x2.....gGgaucggagacgucgugggaacac..... 1
 Gi1_4119201_x2.....aucggagacgucgugggaacGcggggugc..... 1
 Gi2_10837949_x2.....gggaacacAgggugccgaa..... 1
 Gl1_5950380_x2.....aacacggggugccUaacu..... 1
 Gi3_28146106_x2.....cgccgucaggccUcgccaguacu..... 1
 Gi5_8734725_x2.....ugggaacacggggugcUgaacuu..... 1
 Gi3_28165188_x2.....ccUccaguacugcgauccggagacgu..... 1
 Gl1_5912080_x2.....aacacggAgugccgaacu..... 1
 Gl1_5920188_x2.....gaaGacggggugccgaacu..... 1
 Gi2_10861587_x2.....gugggaacaGggggugccgaa..... 1
 Gi2_10878071_x2.....acgucguggAaacacggggugcc..... 1
 Gi2_10847605_x2.....Aaagcgcgcgucaggccccgc..... 1
 Gi3_28089504_x2.....gaucggaAacgucgugggaacacggggU..... 1
 Gl1_5931796_x2.....agCacugcgauccggagacgucgug..... 1
 Gi3_28110694_x2.....cgucUugggaacacgggg..... 1
 Gi3_28253166_x2.....gggaacacggggugccUaa..... 1
 Gi2_10974105_x2.....cggagacgucgugggaacacggggUAc..... 1
 Gi3_27995884_x2.....gaacUcggggugccgaa..... 1
 Gi2_10851393_x2.....cggagacgucgugggaacGc..... 1

Gi1_4113073_x2.....cgugAgaacacggggugccga..... 1
 Gi2_10906457_x2.....Agucaggccccccagucacugc..... 1
 Gi2_10886093_x2.....ggagacgucgugggaaacacggggAgc..... 1
 G1a_5952608_x2.....aucggagacgucgugggaaacCcggggugcc..... 1
 G1a_5931836_x2.....ggaaGacggggugccgaacu..... 1
 Gi2_10829199_x2.....gaagagaagcgccgucagggccccAcc..... 1
 Gi2_10875839_x2.....guacugcgauccggagacAucg..... 1
 G1a_5886174_x2.....cAucaggccccccagucacugc..... 1
 Gi3_27981834_x2.....aagagaagcgccgucagggAcccgcc..... 1
 Gi2_10960601_x2.....aucggagacgucgugggaaacacggggA..... 1
 Gi3_28137172_x2.....gAgaacacggggugccga..... 1
 Gi1_4102135_x2.....agagaagcgccgucagggccccgcca..... 0
 Gi5_8808773_x2.....gucgugggGacacggggugccgaac..... 1
 Gi2_10953959_x2.....gacgucgugggaaacacgAggugccgaacu..... 1
 Gi2_10898295_x2.....gaucggagacAucgugggA..... 1
 Gi5_8825251_x2.....agacgucgugggaaacacgAggugccgaac..... 1
 Gi5_8820885_x2.....Gaggccccccagucacug..... 1
 Gi5_8736353_x2.....ugggaaacacggggugccgGa..... 1
 G1a_5888480_x2.....aucggagaNgucgugggaaacacggggugc..... 1
 Gi3_28139070_x2.....gccccgccagCacugcgau..... 1
 Gi5_8784605_x2.....Agccccccagucacugcgau..... 1
 Gi5_8795007_x2.....guAggaaacacggggugccgaacu..... 1
 Gi3_28131542_x2.....gucgugggaaacGggggugccgaac..... 1
 Gi2_10978695_x2.....caggGcccgccagucacug..... 1
 Gi2_10868521_x2.....ccgucagggccccgccGguacugc..... 1
 Gi2_10940331_x2.....cggagacgNcgugggaaacacggggugccgaac..... 1
 Gi2_10918395_x2.....cccgccagucacugcgauUggagac..... 1
 Gi4_565408_x2.....cgucagggccccccagucacugc..... 0
 Gi1_4092871_x2.....cgucgugggaaacacgggAugcc..... 1
 Gi2_10947955_x2.....aucggagUcgucgugggaaacacggg..... 1
 Gi5_8820403_x2.....agacgucgugggaaacaUggggugccgaacu..... 1
 Gi5_8763829_x2.....ucaggccccccagucCugcg..... 1
 Gi3_28093610_x2.....gacgucgGgggaaacacggg..... 1
 Gi3_28083618_x2.....caggccccccaCuacugcgau..... 1
 Gi4_556412_x2.....cccgccagNacugcgauccggagacguc..... 1
 Gi1_4118431_x2.....ccccccagucacugcgauccga..... 0
 Gi2_10967043_x2.....gagacgucgugggaaacacggggCg..... 1
 Gi3_28022792_x2.....agagaagcgccgucagggccccgAcagua..... 1
 Gi1_4090317_x2.....ggaacacggggugcAgaacu..... 1
 Gi5_8787895_x2.....cggagacgucgugggaaacacggggugc..... 0
 Gi2_10860539_x2.....cccgccagucacugcgGucggag..... 1
 Gi2_10916461_x2.....gaUaagcgccgucagggccccgcccag..... 1
 Gi3_28092208_x2.....aguacugcgGucggagacguc..... 1
 Gi3_28201068_x2.....caAgccccccagucacugcga..... 1
 Gi2_10971685_x2.....cgucgugggaaacacggggugAc..... 1
 Gi2_10856103_x2.....agacgucgugggaaacacgAggugcc..... 1
 Gi2_10829903_x2.....gagacgucgugggaaacGcggggugccgaacu..... 1

Gi3_28080276_x2.....ucaggccccgccaguCcugcgauC.....1
 Gi2_10852205_x2.....cgucaggccUcgccaguacugc.....1
 Gi1_4096163_x2.....gacgucguggggaacacggggugccgaacu.....0
 Gi1_4134495_x2.....gaCcgagacgucguggg.....1
 Gi3_28147186_x2.....uUugggaacacggggugc.....1
 Gi5_8994737_x1.....cgccaguacugcgauCgAagacgu.....1
 Gi2_11026220_x1.....gucgugAgaacacggggugccgaac.....1
 Gi2_11259827_x1.....aagagGagcgccgucagggccccgccagu.....1
 Gi3_28334282_x1.....gacgucguggggaacacAgggugc.....1
 Gi2_11069640_x1.....cgAagacgucguggggaacacggggu.....1
 Gi3_28863368_x1.....ccaguacugcgauCggagacgucguggg.....0
 Gi1_4261978_x1.....uGggagacgucguggggaacacgggg.....1
 Gi2_11075360_x1.....gccgucagggccccgccGuaucugcgau.....1
 Gi3_28526411_x1.....gacgucgugggUacacggggugccg.....1
 Gl1a_6216183_x1.....gugggaacacggggugccA.....1
 Gi4_578222_x1.....aAacgucguggggaacacggggugccgaacu.....1
 Gi2_11163967_x1.....ucaggccccgccaguacCgcgaucgga.....1
 Gi2_11354638_x1.....cgaucggagGcgucguggggaacacgggg.....1
 Gi3_28519736_x1.....cgaAcggagacgucguggggaacacggggugcc.....1
 Gi1_4188149_x1.....cgccaAuacugcgauCggaga.....1
 Gi3_28340533_x1.....gccgucagggccccgccaAuac.....1
 Gi3_28390275_x1.....cccgccaguacugcgauCggagacAuc.....1
 Gi1_4303606_x1.....ucggagUcgucguggggaacacg.....1
 Gi5_8997585_x1.....gagacgucguggggaacGcggggugcc.....1
 Gi3_28471074_x1.....aguacugcgauUggagacgucgu.....1
 Gl1a_6332167_x1.....gugggCacacggggugccgaac.....1
 Gi3_28739902_x1.....ccaguacugcgGucggagacgucgug.....1
 Gl1a_6179448_x1.....gUcaguacugcgauCggagacguc.....1
 Gl1a_6243696_x1.....Uaagagaagcgccgucaggc.....1
 Gi2_11351281_x1.....ggaacacggggugUcgaa.....1
 Gi2_11049929_x1.....ucgugggaacacggCgugccgaac.....1
 Gi2_11245380_x1.....gugggaacacggggCgccgaacu.....1
 Gi4_597262_x1.....ugUgaacacggggugccgaacu.....1
 Gi2_11210708_x1.....cggaUacgucguggggaacacggggugccga.....1
 Gi2_11070225_x1.....aagcgccgucagggccccgccaguaUugc.....1
 Gi3_28789899_x1.....AcaguacugcgauCggagacgucgug.....1
 Gi2_11092237_x1.....AgccaguacugcgauCggagac.....1
 Gi3_28689043_x1.....gucguggggaacUcggggugccgaac.....1
 Gi2_11400935_x1.....gaucggagacgucgugggCacacggggugcc.....1
 Gl1a_6319305_x1.....GgccaguacugcgauCggagacgucgug.....1
 Gi5_8866100_x1.....cgucguggggaUcaccggggugccgaacu.....1
 Gi3_28505993_x1.....caguacugcgauCggCgacgucgu.....1
 Gl1a_6061200_x1.....ugcgauCgNagacgucguggggaacac.....1
 Gi3_28439760_x1.....gUcgucguggggaacacggggu.....1
 Gi2_11070433_x1.....ccaguacugUgauCggagacg.....1
 Gi5_8884275_x1.....gaacacgUggugccgaac.....1
 Gi4_582315_x1.....cgugggCacacggggugccgaacu.....1

Gi2_11012039_x1.....aucgAagacgucgugggaacac..... 1
 Gi2_11178993_x1.....ucggagacguUgugggaacacgggg..... 1
 Gi2_11175569_x1.....gaagagGagcgccgucagggccc..... 1
 Gi2_11270187_x1.....aucggagCcgucgugggaacacggggug..... 1
 Gi2_11324218_x1.....cgucgGgggaacacggggugccgaacu..... 1
 Gi3_28984449_x1.....cgucguCggaacacggggugccgaacu..... 1
 Gi2_11249513_x1.....aguaAugcgaucggagacguc..... 1
 Gi3_28277841_x1.....aggccccgcUaguacugcgauccggagacgu..... 1
 Gi2_11005091_x1.....caguacugNgaucggagacgucgug..... 1
 G1a_6075940_x1.....gauUggagacgucgugggaa..... 1
 Gi2_11152741_x1.....gagaagcgNcgucagggccccgc..... 1
 Gi3_28982958_x1.....ggagacgucgGgggaacacggggugccg..... 1
 Gi3_28625664_x1.....gaagagaagcgccgucGggccc..... 1
 Gi2_11088461_x1.....ggccccGgccaguacugcgauC..... 1
 Gi2_11016155_x1.....ucggagacgucgugggaacCcg..... 1
 G1a_6086531_x1.....gaacacggggugAcgaacu..... 1
 Gi2_10993495_x1.....cgugggaacacggggugG..... 1
 Gi2_11127496_x1.....cugcgauccggagacgucgugggaacaA..... 1
 Gi2_11244262_x1.....gggaacacUgggugccgaac..... 1
 Gi5_9042450_x1.....agacgAcgugggaacacggggugccgaacu..... 1
 Gi2_11141261_x1.....Caagagaagcgccgucagggccccg..... 1
 Gi1_4200153_x1.....ucgugggaUcacggggugccgaac..... 1
 Gi3_28645827_x1.....uacugcgCucggagacgu..... 1
 Gi1_4159483_x1.....Ngaacacggggugccgaacu..... 1
 Gi5_8948673_x1.....cgugggUacacggggugccg..... 1
 Gi3_28418977_x1.....aggcAccgccaguacugcga..... 1
 Gi3_28499460_x1.....aggccAcgccaguacugcgauccggagac..... 1
 Gi1_4269182_x1.....aUacggggugccgaacuu..... 1
 Gi5_8951174_x1.....aucggagacgucgugggCacacggggg..... 1
 Gi3_28431944_x1.....ggagacgucgugggaacCcggggugccgaac..... 1
 Gi3_28362067_x1.....aggccccgcaguacugUgaucgg..... 1
 Gi3_28314168_x1.....aggccccUgccaguacugcgau..... 1
 Gi3_28595566_x1.....cCgagacgucgugggaacacggggugc..... 1
 Gi3_28895903_x1.....ggagacgucguggAaacacggggugccgaacu..... 1
 Gi2_11235032_x1.....gccgucagCccccgccaguacugcg..... 1
 G1a_6310935_x1.....acgucgugNgaacacggggugccgaacu..... 1
 Gi3_28628744_x1.....agagaagcgccguUaggccccgcagua..... 1
 Gi2_11364461_x1.....aagagaagNgccgucagggccc..... 1
 Gi3_28566894_x1.....gugggaacacgggggUcc..... 1
 Gi2_11067767_x1.....cugcgauccggagacgucgugggaacacggggugc..... 0
 Gi2_11305634_x1.....gAccccgccaguacugcga..... 1
 Gi3_28604440_x1.....gucgugggaaUacggggug..... 1
 Gi2_11139885_x1.....aacacgggNugccgaacuu..... 1
 Gi1_4254092_x1.....cguAggaacacggggugccgaac..... 1
 Gi2_11195248_x1.....ccgucagggccccgcagucGcugc..... 1
 Gi2_11136972_x1.....cccgccaguaUugcgauccggagacguc..... 1
 Gi5_8869600_x1.....cggagacgucgugggaacCcg..... 1

Gi1_4212515_x1.....gGgacgucgugggaaacac..... 1
 Gi5_8920118_x1.....ugcgauccggagacAucgug..... 1
 Gi3_28878758_x1.....cgcGgucagggccccccagacu..... 1
 Gi4_591999_x1.....acgucgugggaaacacggggugccGacu..... 1
 Gi2_11274874_x1.....cgccagucgucggaucggagGcg..... 1
 Gi2_11041502_x1.....ccgucagggUccgcccagucguc..... 1
 Gi2_11352353_x1.....agacgucgugggaaacacggggUcc..... 1
 Gi5_8875139_x1.....cagCacugcgauccggagacgucgug..... 1
 Gi3_28550308_x1.....gacgucgugggUcacggggugccgaacu..... 1
 Gi5_8989045_x1.....gaacacggggugccGac..... 1
 Gi3_28674695_x1.....gaucggagacgucgugggaaacCcgggugcc..... 1
 Gi2_11318769_x1.....gcccagggccccccagucgug..... 1
 Gi4_590316_x1.....gaUaagcggccgucagggc..... 1
 Gi1_4343836_x1.....cguggaaacacggggugccgaGcuu..... 1
 Gi2_10995722_x1.....aucggagacgucgugggC..... 1
 Gi3_28972920_x1.....acguAgugggaacacggggugcc..... 1
 Gi2_11394636_x1.....gcgauccggagacgucgugggaaacacggggugccg..... 0
 Gi3_28382082_x1.....ucagggUccgcccagucgucguc..... 1
 Gi5_8931795_x1.....gagacgucgugggaaacaUggggugccgaac..... 1
 Gi3_28644664_x1.....guacugcgGucggagacg..... 1
 Gi3_28929004_x1.....aCgccccccagucgucggaucggagacg..... 1
 Gi1_4291028_x1.....cguNugggaaacacggggugcc..... 1
 Gi3_28614281_x1.....ccccccagucgucAauc..... 1
 Gi5_8964649_x1.....cgugggaGcacggggugccg..... 1
 Gi5_9056848_x1.....gcAaguacugcgauccggagacguc..... 1
 Gi2_10992737_x1.....cAaucggagacgucguggg..... 1
 Gi5_8842363_x1.....ugggaaacaGggggugccgaac..... 1
 Gi3_28839538_x1.....cgccgucagggcccUgcccagucguc..... 1
 Gi1_4377533_x1.....Uucggagacgucgugggaaacacggggugcc..... 1
 Gi2_11189360_x1.....aggccccgNcagucgucggaucggagacguc..... 1
 Gi5_8909883_x1.....cgucgugggaaacacggggugccGac..... 1
 Gi5_9073803_x1.....ccgucagggccccccagucgucg..... 1
 Gi3_28945594_x1.....gccagucCgcgauccgga..... 1
 Gl1a_6266596_x1.....caUgccccccagucguc..... 1
 Gl1a_6124993_x1.....ggagacgucgugggaaacacggggU..... 0
 Gl1a_6262157_x1.....aGcggagacgucgugggaa..... 1
 Gi3_28939196_x1.....aagcggccgucagggccccccagucgucA..... 1
 Gi3_28272728_x1.....agaagcggccgucagCccc..... 1
 Gi3_28568500_x1.....ggccccccagucgucgC..... 1
 Gi2_11181316_x1.....ggccccccagucgucgCucgg..... 1
 Gi2_11164613_x1.....aCuacugcgauccggagacguc..... 1
 Gi1_4257192_x1.....ggccccccagucgucgga..... 0
 Gi2_11296757_x1.....ggagacguAgugggaacacg..... 1
 Gi2_11407091_x1.....ugcgauccggagacgucgAgggaaaca..... 1
 Gi2_11267514_x1.....gagacgucgugggaaacacggggGgcc..... 1
 Gi5_8910228_x1.....ugcgauccggagacgAcguggg..... 1
 Gi2_11228939_x1.....agaUaagcggccgucagggccccccaguc..... 1

Gi5_9122159_x1.....acgucgucGgaacacggggugccg..... 1
 Gi3_28311423_x1.....Cagacgucgugggaacac..... 1
 Gi1_4239538_x1.....gggaacacggggugccCaacu..... 1
 Gi3_28701609_x1.....cgugggaacacggggucC..... 1
 G1a_6174908_x1.....gGcugcugugggaacacggggugccgaacu..... 1
 G1a_6168551_x1.....gagaagcgNcgucaggccc..... 1
 Gi3_28580520_x1.....cgccaguacugcgCucggagacg..... 1
 Gi4_584811_x1.....acgucgugggaacacggggugccAaacu..... 1
 Gi4_610249_x1.....gugggaacacggggugccAaacu..... 1
 Gi3_28795074_x1.....Gcucguuccgaauaggaaga..... 1
 Gi5_9081526_x1.....aucNgagacgucgugggaacacg..... 1
 Gi3_28750083_x1.....ggccccgccaAuacugcgau..... 1
 Gi5_8947759_x1.....aagagaagcgccgucaggUcccccca..... 1
 Gi3_28620771_x1.....auNggagacgucgugggaacacg..... 1
 Gi1_4261592_x1.....gagacgucgugggaacacgggUugccgaacu..... 1
 Gi3_28493034_x1.....caguacugcgCucggagacgucg..... 1
 Gi5_8942100_x1.....aucggagaUgucgugggaacacggggugc..... 1
 Gi2_10997572_x1.....gacguAgugggaacacggggugccgaacu..... 1
 Gi5_8982859_x1.....aAcggagacgucgugggaacacg..... 1
 Gi3_28330596_x1.....gNgaacacggggugccgaacu..... 1
 Gi5_9117675_x1.....Ugucgugggaacacggggugccgaac..... 1
 Gi2_11236626_x1.....gccccAccaguacugcgau..... 1
 Gi3_28575795_x1.....acgucgugggaacacgCggugccgaac..... 1
 Gi1_4241795_x1.....cgugUgaacacggggugccgaacuu..... 1
 Gi3_28318010_x1.....agcgccgucagggccccgAc..... 1
 Gi3_28576524_x1.....agaagUgcccgucagggccccgcauacugcg..... 1
 Gi5_8874169_x1.....cggagacgucAuggggaacacggggugccga..... 1
 Gi3_28789545_x1.....Acccgccaguacugcgauccggagacg..... 1
 Gi5_8850510_x1.....aguacugcgauccggagCcguc..... 1
 Gi1_4175660_x1.....Gcgucgugggaacacggggugccga..... 1
 Gi5_9082746_x1.....aucggagaNgcugugggaacacggggugc..... 1
 Gi2_11299761_x1.....aucggagacUucgugggaacacg..... 1
 Gi1_4322404_x1.....ugcgauccggagGcgucguggga..... 1
 Gi3_28406659_x1.....gacgucgugggaacCcggggu..... 1
 Gi2_11395899_x1.....ucggagacgucgugggGacacgggggu..... 1
 Gi3_28514672_x1.....cggagacgucguUggaacacgggg..... 1
 Gi4_592287_x1.....ggUacacggggugccgaac..... 1
 Gi2_11169763_x1.ccuuaacCcgucuccgaau..... 1
 Gi2_11193802_x1.....aggccccgccaAuacugcgauccgga..... 1
 Gi5_9045518_x1.....aagagaagcgcccgucagggcccAcgccc..... 1
 Gi2_11033117_x1.....ccaguacugcgauccggagacguUgugggaaca..... 1
 Gi3_28903616_x1.....ccccgcccaguacugcgauU..... 1
 Gi2_11162713_x1.....cgucGggccccgcccaguacugcgauccgga..... 1
 Gi2_11032415_x1.....gauccggagacgucgCgggaaca..... 1
 Gi4_606182_x1.....auUggagacgucgugggaacacggggugcc..... 1
 Gi2_11048143_x1.....ccccgccagCacugcgauccg..... 1
 Gi3_28536240_x1.....ggccAcgcccaguacugcgauccgga..... 1

Gi3_28563241_x1.....aucggaCacgucuguggaacaacacggg..... 1
 Gi2_11273020_x1.....ggccccgccaguaUugcgauccg..... 1
 Gi5_8903290_x1.....caggccccNccaguacugc..... 1
 Gi3_28668196_x1.....gccgucaggccccgccaguCucgcg..... 1
 Gi5_8875773_x1.....gugggaacCcggggugccg..... 1
 Gi2_11324177_x1.....aggcccAgccaguaucugcgauccgagacguc..... 1
 Gi2_11275424_x1.....aguacugcgauccgagUcgu..... 1
 Gi2_11151569_x1.....ccccgccaguaucugcgauccg..... 1
 Gi1a_5983467_x1.....gCcaggccccgccaguaucugcg..... 1
 Gi1_4213508_x1.....aggccccNcaguacugcgauccg..... 1
 Gi3_28574879_x1.....ggccccgccagCacugcgau..... 1
 Gi3_28788600_x1.....cgAcaguaucugcgauccgagacguc..... 1
 Gi2_11232969_x1.....gagaagcgccgucaggccccgccUg..... 1
 Gi3_28804015_x1.....ccgucaggcAccgccaguaucugc..... 1
 Gi2_11209537_x1.....agaNcugcuguggaacaacacggggugccg..... 1
 Gi3_28424450_x1.....aucggagacgucgGgggaacac..... 1
 Gi1a_6105129_x1.....caggccccgccaguaucugcgauccgagacguc..... 0
 Gi1a_6186756_x1.....gcUccgccaguaucugcgauccgagacg..... 1
 Gi5_9073523_x1.....aggccccgccaguUcugcgaucc..... 1
 Gi1_4174452_x1.....Agugggaacacggggugccgaacuu..... 1
 Gi3_28728732_x1.....aucggagacgucAuggggaacac..... 1
 Gi2_11205788_x1.....gaucggagacgucgugggaacacggggug..... 1
 Gi1_4383027_x1.....gaucggagacgucgugggaac..... 0
 Gi5_9113732_x1.....aucggagacgCcgugggaacacggggugc..... 1
 Gi3_28628842_x1.....aacacUgggugccgaacuu..... 1
 Gi5_9110660_x1.....caggAccgccaguaucug..... 1
 Gi3_28294666_x1.....agaagcgccgucaggccccA..... 1
 Gi3_28453491_x1.....ggagacgucgugggaacacgggguCcc..... 1
 Gi3_28422833_x1.....cgauccgagacgucgugggaacacgggA..... 1
 Gi2_11102508_x1.....acugcgauccgagacgucgugggaUca..... 1
 Gi1a_6276197_x1.....Ugucaggccccgccaguaucug..... 1
 Gi3_28570620_x1.....gccccgccaguaucugUgauccgagaa..... 1
 Gi3_28511047_x1.....gccgucaggccccGccaguaucugcg..... 1
 Gi3_28279687_x1.....gcUgucaggccccgccaguaucugc..... 1
 Gi3_28402778_x1.....agaagcgccguUaggccc..... 1
 Gi3_28938703_x1.....ccgccaguaucugcgauccgagacgucgG..... 1
 Gi4_608543_x1.....cgugggaGcacggggugccgaacu..... 1
 Gi2_11102824_x1.....agagaaUcggcgucaggcccc..... 1
 Gi1a_6334932_x1.....aggccccgccaguaucCgcg..... 1
 Gi2_11107354_x1.....cgugggaacacCgggugccgaac..... 1
 Gi2_11278526_x1.....gagacgucgugggaacacUgggugccg..... 1
 Gi3_28592323_x1.....gcgauccgagacgucgGgggaac..... 1
 Gi5_8834137_x1.....gaucggagacgucguAgggaacacggg..... 1
 Gi2_11155321_x1.....cggagacgucguAgggaacacgggg..... 1
 Gi1a_6127069_x1.....cggagacgucgugggaacCggg..... 1
 Gi3_28759704_x1.....cgcUaguacugcgauccgagacguc..... 1
 Gi3_28859105_x1.....gagacgucgugggaGcacggggugccgaac..... 1

Gi3_28678967_x1.....gucgugggaaacacggggugccA..... 1
 Gi2_11316137_x1.....cCaucggagacgucgugggaaacacggggugc..... 1
 Gl1_6207866_x1.....aucggagacgucgugggaaGacggggugcc..... 1
 Gi3_28885176_x1.....cgaucggCgacgucgugggaaacacgg..... 1
 Gi2_11065301_x1.....gggaacaUggggugccgaa..... 1
 Gi3_28756906_x1.....ucggagacgucgugAgaacacggggugccg..... 1
 Gi1_4179046_x1.....gucgugggaaacacggggugccgaacG..... 1
 Gi1_4334876_x1.....acgucgugggaaacCcgggugcc..... 1
 Gi4_575506_x1.....cgucgugggaaacacggAgugccga..... 1
 Gi5_8844755_x1.....gccaguacugcgCucggagacguc..... 1
 Gi2_11086847_x1.....cgucgugggaaacacggggugcGgaac..... 1
 Gi2_11358363_x1.....aagagaagcgccgucagggccccCcca..... 1
 Gl1_6159318_x1.....cCaucggagacgucgugggaa..... 1
 Gi1_4164323_x1.....gAcgugggaaacacggggugcc..... 1
 Gi3_28332876_x1.....gCccccgccaguacugcga..... 1
 Gl1_6087919_x1.....ucUgagacgucgugggaaacacggg..... 1
 Gi3_28620522_x1.....ucggagacgucgugggaaacaAggggu..... 1
 Gi5_9039662_x1.....cgucgugggaaacacggAgugc..... 1
 Gi1_4367096_x1.....gagacgucgugggaaacacggggGgcc..... 1
 Gi2_11180107_x1.....gaagagaagcgccgucagggccccGAc..... 1
 Gi3_28941137_x1.....gagaagcgccgucagggccGc..... 1
 Gi3_28916537_x1.....aggccccgccaguacugcgauccggagacgC..... 1
 Gi3_28818848_x1.....Aacgucgugggaaacacgg..... 1
 Gi5_8845673_x1.....ucggagacgucgugggaaacacgggggu..... 0
 Gl1_6043230_x1.....cgGgggaacacggggugc..... 1
 Gi1_4387387_x1.....gccaguacugcgauUggagacg..... 1
 Gi5_9100188_x1.....cUgggaacacggggugc..... 1
 Gi1_4366032_x1.....gugggaaacacggggugccgaC..... 1
 Gi2_11127008_x1.....cgugggaaacacggggugccC..... 1
 Gi5_9012931_x1.....cacggggugccgaCcuuu..... 1
 Gi1_4308274_x1.....acgucguggUaacacggggugccgaacu..... 1
 Gi3_28901822_x1.....agacgucgugggaaacacggggugcUgaacu..... 1
 Gi3_28319028_x1.....ccccgccaguaUugcgauccggagacguc..... 1
 Gi1_4185083_x1.....cgugggaaacacCgggugccgaacu..... 1
 Gl1_6178871_x1.....gucgGgggaacacggggugcc..... 1
 Gi3_28890054_x1.....ugcgauccggagacgucgC..... 1
 Gi3_28963163_x1.....gccccgccaguacugcAaucgg..... 1
 Gi2_11059774_x1.....caguacugcgauccggagacguUgu..... 1
 Gi1_4230576_x1.....aaUcgccgucagggccccgccaguacug..... 1
 Gi2_11166663_x1.....gucaggUcccgccaguacugcg..... 1
 Gi2_11256240_x1.....aucggagacgucAugggaa..... 1
 Gi5_8978870_x1.....aucggagacgucgugggaaacacggggAgc..... 1
 Gl1_6027981_x1.....ggccccgccUguacugcgau..... 1
 Gi3_28931149_x1.....agaagcgccgucagggccccGAcaguacug..... 1
 Gi3_28347973_x1.....cggUgacgucgugggaaacacgggggu..... 1
 Gi5_8933110_x1.....cUgggaacacggggugccgaacu..... 1
 Gi1_4158961_x1.....cgucgAgggaaacacggggugccgaacu..... 1

Gi1a_6100032_x1.....aucggagacgucgugggGacacg..... 1
Gi3_28675517_x1.....gagacgucgugggUacac..... 1
Gi3_28852836_x1.....gccccgccaguacugcgauccggGgac..... 1
Gi1a_6347224_x1.....gccaguacAgcgauccggagacguc..... 1
Gi3_28662147_x1.....ccccGAcaguacugcgauccggaga..... 1
Gi3_28981521_x1.....guacugcgauccggGgacgucgugggaaacacg..... 1
Gi3_28842116_x1.....Ncaggccccgccaguacugcg..... 1
Gi3_28325696_x1.....Agagacgucgugggaaacacg..... 1
Gi3_28698127_x1.....gccaguacNcgauccggag..... 1
Gi1_4387548_x1.....ggagacgucgugggaaUacggggugccgaacu..... 1
Gi3_28551046_x1.....gccccgccCguacugcgauccggagacg..... 1
Gi1_4257267_x1.....gcgccgucaggccccgccaguU..... 1
Gi2_11109531_x1.....ggGgacgucgugggaaacacggggugccgaa..... 1
Gi2_11013576_x1.....Aggagacgucgugggaaacacggggugccgaacu..... 1
Gi1_4316718_x1.....gacggGgacgucgugggaa..... 1
Gi3_28597109_x1.....aggccccgccaguUcugcgauccgg..... 1
Gi1_4361376_x1.....aucggaAacgucgugggaaacacggggugc..... 1
Gi3_28960192_x1.....Gcgauccggagacgucgugggaaacacg..... 1
Gi1_4291219_x1.....acgucgugggaaacacggggCgcccga..... 1
Gi3_28970846_x1.....gugggaaacacggggugccgaCcuuu..... 1
Gi1a_6249602_x1.....cgucaggccccgccaguacugcgauUgg..... 1
Gi1a_6013126_x1.....gaAcggagacgucgugggaaacacg..... 1
Gi2_11220061_x1.....ccccgcUaguacugcgauccgga..... 1
Gi3_28719656_x1.....ucgugAgaacacggggugccg..... 1
Gi2_11351886_x1.....gacgucgugggaaacacggggugccgaUcu..... 1
Gi2_11222336_x1.....caUgccccgccaguacugcgau..... 1
Gi1a_6264093_x1.....gacggagacgucgugggGacacg..... 1
Gi3_28855402_x1.....cgccgucCggccccgccagu..... 1
Gi5_8887481_x1.....cgucgugggaaacacggggugUcga..... 1
Gi3_28704902_x1.....agacgucgugggaaacacggggugGc..... 1
Gi3_28868339_x1.....cgucgugggaaacacgAggugccgaa..... 1
Gi5_9017364_x1.....gucgugggaaacacggggugcAaa..... 1
Gi3_28831032_x1.....ucaggccccgccaguacugcgauccgA..... 1
Gi2_11125158_x1.....cgucaggccccgccaguacCg..... 1
Gi2_11322095_x1.....ucaggAcccgccaguacug..... 1
Gi2_11100254_x1.....aggccccgccaguacugcgauccgA..... 1
Gi5_8876791_x1.....ucgugggaaacGcggggugccgaa..... 1
Gi3_28962588_x1.....gUacacggggugccgaacu..... 1
Gi5_8965801_x1.....aucggagacgucgugAgaacacg..... 1
Gi5_9056628_x1.....ucgAagacgucgugggaaacacggggugccg..... 1
Gi3_28755102_x1.....aUgucgugggaaacacg..... 1
Gi3_28751178_x1.....gccccgccNguacugcgauccggagacgucg..... 1
Gi2_11111480_x1.....gagacgucgugggaaacacggggugcAgaac..... 1
Gi2_11019399_x1.....cggUgacgucgugggaaacacggggug..... 1
Gi3_28558724_x1.....aucggagacgucgugggaaacacggggugUcga..... 1
Gi2_11046344_x1.....gUcgcgugggaaacacggggugc..... 1
Gi3_28735750_x1.....guacugcgauccggagacgucguc..... 1

Gi3_28580606_x1.....gccAuaucugcgauccggagac..... 1
Gi2_11173901_x1.....aAgccccgccaguacugcgauccggagacg..... 1
Gi2_11197076_x1.....ucggagGcgucgugggaaacacggggugc..... 1
Gi3_28791687_x1.....cgGucggagacgucgugggaaacacggggug..... 1
Gi2_11228325_x1.....gacgucgugggaaacacggggugccC..... 1
Gi3_28488184_x1.....gucgugggaaacacgggAugc..... 1
G1a_5990736_x1.....Uaucggagacgucgugggaaacacgggg..... 1
Gi2_11219335_x1.....ggccccgccaguacugcAa..... 1
Gi2_11210577_x1.....ccgccaguacugcAaucgg..... 1
Gi1_4239042_x1.....ccccgccaguacugcgCucgg..... 1
Gi3_28415962_x1.....gaagAgccgucagggccccgccaguacu..... 1
Gi1_4380561_x1.....acugcgauccggagacgAcg..... 1
Gi3_28301838_x1.....cggagacgucguAggaacacgg..... 1
Gi3_28552484_x1.cGuaaacucguuccgaaau..... 1
Gi2_11404960_x1.....gaucAgagacgucgugggaaacacgggg..... 1
Gi3_28704039_x1.....aCcgccgucagggccccgcc..... 1
Gi2_11067707_x1.....gaucggagaUgucgugggaaac..... 1
Gi3_28669441_x1.....acugcgauccggagacgucgugggaaacacggggu..... 0
Gi3_28419620_x1.....agacgucgugggUaacacggggugccgaacu..... 1
Gi5_8924870_x1.....gugggaaacacgggCugccga..... 1
Gi3_28329679_x1.....gcgGucggagacgucgugggaaac..... 1
Gi3_28943492_x1.....cgucguggNaacacggggug..... 1
G1a_6185777_x1.....ccaguacugUgauccggagacguc..... 1
Gi4_579560_x1.....gAcgugggaaacacggggugccgaacu..... 1
Gi2_11337516_x1.....cgauccggagacgucgCgggaaacacggg..... 1
Gi3_28827779_x1.....gCgaagcgccgucagggccc..... 1
Gi1_4347899_x1.....ggaacacggggugccgaacG..... 1
Gi2_11089532_x1.....gaagcgccgucagggccUcgccag..... 1
Gi5_8962559_x1.....ccgucagggccccCccaguacugcg..... 1
Gi3_28343237_x1.....gccgucagggAcccgccagu..... 1
Gi2_11215171_x1.....auGggagacgucgugggaaacacggggugcc..... 1
Gi3_28629260_x1.....gaucggagacgCcgugggaaacacggggugc..... 1
Gi2_11137708_x1.....gagacgucgugggUaacacggg..... 1
Gi2_11087013_x1.....gccaguacugcgauccggagacgCcgug..... 1
Gi3_28518183_x1.....gcgauccggagacgucgugggaaacGcggggu..... 1
Gi3_28458879_x1.....Gggccccgccaguacugcgauccggagacgucg..... 1
G1a_6173894_x1.....ggaAacgucgugggaaacacggggugcc..... 1
Gi3_28798542_x1.....acugcgauccAgagacgucgug..... 1
Gi2_11249588_x1.....gucaggAcccgccaguacugcgau..... 1
Gi1_4267719_x1.....acgucgugggaaacacggggugccgG..... 1
Gi2_11119576_x1.....ucgugggaaAacggggugccg..... 1
Gi2_11002105_x1.....aGgagaagcgccgucagggccccgc..... 1
Gi1_4371378_x1.....ucaggccccgccaguGcugcgauccgga..... 1
Gi2_11207526_x1.....aacacggggUccgaacu..... 1
Gi2_11360876_x1.....aucggagacgucguCggaacacggggu..... 1
Gi2_11138272_x1.....Gaggccccgccaguacugcgauccggagac..... 1
Gi2_11241063_x1.....gccaguacugcgauccAgagacgucgug..... 1

Gi3_28854237_x1.....ggccccgcCguacugcgauccgga..... 1
 Gi3_28299403_x1.....gacgucguggAaacacgggugccgaac..... 1
 Gi3_28700568_x1.....gUGaagcgccgucagggccccccagacu..... 1
 Gi3_28375246_x1.....cgauccggagacgucgugggaacacgC..... 1
 Gi2_11195983_x1.....ucgugggaacacgggAugccgaa..... 1
 Gi3_28329439_x1.....acugcgauccggagacgCc..... 1
 Gi5_8953989_x1.....cggagacgucgugggaacCcggg..... 1
 Gi2_11328178_x1.....gccgucagggccccgcccagCac..... 1
 Gi5_8892423_x1.....gugggaacaAggggugccg..... 1
 Gi2_11316202_x1.....aGgagaagcgccgucagggccccgcca..... 1
 Gi1_4383334_x1.....gGagcgccgucagggccccgcccag..... 1
 Gi4_598275_x1.....aacucguuccgaaauaCgaagagaagcg..... 1
 Gi3_28346681_x1.....cccgccagucgucggaucUgaga..... 1
 Gi3_28492314_x1.....aUgccccgcccagucgucgagacgucgu..... 1
 Gi1_4348980_x1.....ucggagacgAcgugggaacacg..... 1
 Gi2_11057831_x1.....ucggagacgucgugggaacacg..... 0
 Gi2_11277484_x1.....agagaagcgccgucagggccccgccaAuacug..... 1
 Gi3_28492636_x1.....ugggaacacgCggugccga..... 1
 Gi3_28280943_x1.....ugcgGucggagacgucgugggaacacggg..... 1
 Gi3_28284005_x1.....ggagacgucgugggaacacAgggugccgaac..... 1
 Gi2_11395305_x1.....gacgucgugggaCcacgg..... 1
 Gi3_28478521_x1.....agaagcgccgucagggccccAc..... 1
 Gi3_28756893_x1.....agacgucgugggaacacgggugccgaCc..... 1
 Gi3_28800214_x1.....ucggagacgucgugggaUcacg..... 1
 Gi3_28505990_x1.....cgucgugggaacacgggAugccg..... 1
 Gi3_28385282_x1.....gcgGucggagacgucgugggaac..... 1
 Gi2_11331989_x1.....ucagggccccgUaguacugc..... 1
 Gi2_11068410_x1.....ccccgcccagucgucggaAcgg..... 1
 Gi2_11017564_x1.....Ugucagggccccgcccagucggauc..... 1
 Gi3_28558999_x1.....agagaagcgccgucagggcccUcgcc..... 1
 Gi2_11133092_x1.....ggccccgUaguacugcga..... 1
 Gi2_11152910_x1.....Nugggaacacgggugccg..... 1
 Gi4_575989_x1.....Uccgcccagucgucgagacguc..... 1
 Gi3_28884048_x1.....aAagaagcgccgucagggccccgccc..... 1
 Gi3_28952435_x1.....Uaguacugcgaucggagacgu..... 1
 Gi3_28838030_x1.....ccgaaauaggaagagaagcg..... 0
 Gi2_11067491_x1.....gagaagcgUcgucagggccccgccc..... 1
 Gi3_28733287_x1.....ccccgcccagucgucggaCcgagacg..... 1
 Gi2_11273640_x1.....cgccgucagggccccgcccagucCgc..... 1
 Gi3_28319201_x1.....cgccagucgucggaCcgagaga..... 1
 Gi3_28582722_x1.....cagggccccgcccagucAgcg..... 1
 Gi3_28629045_x1.....ucgugggUacacgggugccg..... 1
 Gi3_28312571_x1.....ggagacgucgugggaacacgC..... 1
 Gi2_11249848_x1.....cagggccccgcccaguaUugcg..... 1
 Gi3_28750431_x1.....cggGgacgucgugggaacacg..... 1
 Gi3_28490721_x1.....gagacgucGgggaacacgggugccg..... 1
 Gi3_28679334_x1.....gaagagaagUgcccaggg..... 1

Gi3_28512509_x1.....ucaggccccgccaguaUugc..... 1
 Gi1_4363492_x1.....cgucaggccccgccaguacugU..... 1
 Gi3_28553219_x1.....ccgccaguaucugcgauccggagacgCc..... 1
 Gi3_28888275_x1.....agaaCcgccgucaggccccgcc..... 1
 Gi3_28873153_x1.....caggccccgccaguaAugcga..... 1
 Gi2_11162363_x1.....ccccgccaNuacugcgau..... 1
 Gi3_28506728_x1.....caggccccgccaguaucugcgGucgga..... 1
 Gi1_4243622_x1.....ucgAagacgucgugggaaacacggg..... 1
 Gi3_28628344_x1.....aucggagUcgucgugggaaacacggggu..... 1
 Gi5_9052335_x1.....aucggagacgucgugggaaacGcggggu..... 1
 Gi5_8939669_x1.....Uaucggagacgucgugggaaacacggggugc..... 1
 Gi1_4315634_x1.....cgaucggagacgucgugggaaacacggggugcc..... 0
 Gi2_11167320_x1.....aucggagacgucgugggaaacacgCg..... 1
 Gl1a_5996251_x1.....aUcacggggugccgaacu..... 1
 Gi5_9014548_x1.....aucggagacgucgugggaaUacggggugc..... 1
 Gi3_28620943_x1.....cCccgucaggccccgccaguau..... 1
 Gi1_4278034_x1.....aucggagacguUgugggaaacacggggu..... 1
 Gl1a_6067030_x1.....ccgccaguaucugcgauccggCgacguc..... 1
 Gi3_28793491_x1.....Uaggccccgccaguaucugcgauccgg..... 1
 Gi5_9081824_x1.....ggaacacggggugcUgaac..... 1
 Gi2_11252952_x1.....gaucggagacAucgugggaaac..... 1
 Gi3_28857206_x1.....gucgugggaaGcacggggugccgaa..... 1
 Gi3_28412637_x1.....cgucgugggaaacacggUgugcc..... 1
 Gi2_11070603_x1.....gacgucgugggUacacggggugccgaacu..... 1
 Gi1_4195716_x1.....agUcgucgugggaaacacggggugccgaac..... 1
 Gi3_28891140_x1.....cgccaguaUugcgauccggagacgu..... 1
 Gi3_28423673_x1.....gaUgucgugggaaacacggggugccg..... 1
 Gl1a_6008833_x1.....gucgGgggaaacacggggugccga..... 1
 Gi2_11169569_x1.....Agugggaaacacggggugccgaa..... 1
 Gi2_11047456_x1.....aucggCgacgucgugggaaaca..... 1
 Gl1a_6089251_x1.....aggccccgNcaguacugc..... 1
 Gi2_11089343_x1.....gccaguaucugcgauccggagCcg..... 1
 Gi5_9034563_x1.....agUccccgccaguaucugcga..... 1
 Gl1a_6207996_x1.....cgauccggagGcgucgugg..... 1
 Gi2_11259100_x1.....aucggagacgucAugggaaacacggggugc..... 1
 Gi3_28389654_x1.....cgccgucaggccccgccagCacu..... 1
 Gi3_28938687_x1.....cgucaggccccgccCgua..... 1
 Gi2_11091806_x1.....Cgagacgucgugggaaacacggggugc..... 1
 Gi1_4348697_x1.....gcgauccggagacgucgugggaaacacggg..... 0
 Gi2_11287167_x1.....gacgGcugggaaacacggggugccg..... 1
 Gi3_28317263_x1.....aaAagaagcggcugcaggc..... 1
 Gi3_28737931_x1.....cgaaauaUgaagagaagcgcc..... 1
 Gi3_28682455_x1.....aggccccgccaguaGugcgauccgga..... 1
 Gi1_4217110_x1.....guAggaaacacggggugccg..... 1
 Gi1_4319439_x1.....gaUgucgugggaaacacggggugccg..... 1
 Gi4_609763_x1.....gucgCgggaaacacggggugccgaac..... 1
 Gi2_11404229_x1.....aggccccgccaguaucugcgauccggU..... 1

Gi1a_6341167_x1.....Ugccaguacugcgauccggagacguc..... 1
 Gi3_28443156_x1.....gaucggagacgAcgugggaacacggggu..... 1
 Gi3_28921372_x1.....gcUccgccaguacugcgauccggagacguc..... 1
 Gi5_8984390_x1.....acacggggugccAaacuu..... 1
 Gi3_28352131_x1.....aucgAagacgucgugggaacacggggugcc..... 1
 Gi2_11001833_x1.....acgucgugggaacacggggugcG..... 1
 Gi5_9088307_x1.....aucggagacgucGcgggaacacggggugc..... 1
 Gi3_28983725_x1.....uGgugggaacacggggug..... 1
 Gi3_28528292_x1.....ucaggcccUgccaguacug..... 1
 Gi1_4218111_x1.....ugggaacGcggggugccgaacu..... 1
 Gi2_11220420_x1.....gccccgccaguaAugcgauc..... 1
 Gi2_11282918_x1.....ucggagacgucgugggaCcacggggugcc..... 1
 Gi2_11351213_x1.....Gcggagacgucgugggaacacggggugccgaacu..... 1
 Gi2_11044932_x1.....cgccgucagggccccgccagCac..... 1
 Gi3_28654602_x1.....ccccgccaguacugAgaucggagacgu..... 1
 Gi2_11025038_x1.....gccgucagNccccgccaguac..... 1
 Gi3_28826368_x1.....ucaggccccgccaguacCgcgaucgga..... 1
 Gi2_11162537_x1.....caggccccgccaguGcugcgauccggagacg..... 1
 Gi1_4349748_x1.....ugcgauccggagacgucguggGacacg..... 1
 Gi2_11044610_x1.....gagaagcgNcgucagggccccg..... 1
 Gi1a_6131506_x1.....cgugggaacacggggugccgaUc..... 1
 Gi3_28612146_x1.....ccccgccaguCcuugcgauccggagacguc..... 1
 Gi2_11063086_x1.....agGacugcgauccggagacgucg..... 1
 Gi2_11144363_x1.....caggccccgccGguacugcgauccggagac..... 1
 Gi3_28265443_x1.....ucggagacgucAugggaaca..... 1
 Gi3_28778583_x1.....aggccccgccaguacugcgauccggGacgucg..... 1
 Gi1_4266687_x1.....cgucgugUgaacacggggugcc..... 1
 Gi3_28714807_x1.....gagaagcgccgucagggAcc..... 1
 Gi1_4226207_x1.....cgccgucaNggccccgccaguacugcgauccgga..... 1
 Gi2_11303918_x1.....gaGcacggggugccgaac..... 1
 Gi3_28345765_x1.....ccccgccaguacugcgauAggagacgucgug..... 1
 Gi2_11170960_x1.....agcgccgucagggccccgccaguCcuugcg..... 1
 Gi3_28903488_x1.....aggccccgccaAuacugcg..... 1
 Gi2_11407557_x1.....ccgccaguNcuugcgauccggagacg..... 1
 Gi2_11029800_x1.....cgucgugggaacacggggugcGgaacu..... 1
 Gi3_28454411_x1.....cgauUggagacgucgugg..... 1
 Gi1_4382265_x1.....gucgugggaacacggggGgccgaac..... 1
 Gi5_9102765_x1.....acgucgugggaacCcggggugccgaacu..... 1
 Gi1a_6174635_x1.....ucgugggaacacggggGgccgaacu..... 1
 Gi1_4375750_x1.....acugcgauccggagacgucgugU..... 1
 Gi3_28926951_x1.....ggcAccgccaguacugcga..... 1
 Gi1_4159800_x1.....aucggGgacgucgugggaacacggggugccga..... 1
 Gi3_28987557_x1.....gagacgucAugggaacacggggugccgaac..... 1
 Gi1a_6352813_x1.....cgucgugggaacacgggUgugccgaacu..... 1
 Gi1_4292866_x1.....agaagcgccgucagggcccAgcca..... 1
 Gi5_8832230_x1.....Ugccaguacugcgauccg..... 1
 Gi3_28948052_x1.....gcgccgucagggccccgAcagu..... 1

Gi3_28381524_x1.ccuuaacucguuccgaCuu..... 1
 Gi5_8898858_x1.....cggagacgucgCgggaacacgg..... 1
 Gi3_28952372_x1.....agagaagcgccgucagggccccgU..... 1
 Gi2_11381896_x1.....aUgccccgccaguacugcggaucgg..... 1
 Gi3_28272360_x1.....ucggagacgucguggggaCcacggggugcc..... 1
 Gi1_4199154_x1.....acgucguggggaacacggggAgccg..... 1
 Gi5_9021659_x1.....cgugggaacacAgggugc..... 1
 Gi3_28689405_x1.....ucggagacguAgugggaacacggggugcc..... 1
 Gi2_11085652_x1.....cggagCcgucguggggaacacg..... 1
 Gi3_28300007_x1.....Aacugcgauccggagacguc..... 1
 Gi3_28548592_x1.....aggccccgGcaguacugc..... 1
 Gi5_9073721_x1.....aucggagacgucgCgggaacacg..... 1
 Gi3_28922844_x1.....cgucgugggCcacggggugccg..... 1
 Gi5_8978030_x1.....caggccccAccaguacugcgauc..... 1
 Gi1_4226444_x1.....gugNgaacacggggugccgaacu..... 1
 Gi5_8934222_x1.....guUggaacacggggugccg..... 1
 Gi3_28404112_x1.....gaucggagacgucguggAaacacg..... 1
 Gi1_4165018_x1.....ccccgccaguacugcggaucgaga..... 0
 Gi2_11088272_x1.....guAgugggaacacggggugccgaacu..... 1
 Gi3_28920922_x1.....aggccccgccaguaGugc..... 1
 Gi1_4359471_x1.....gaagagaagcgccgucag..... 0
 Gl1_6260308_x1.....cccAccaguacugcgauccggagacguc..... 1
 Gi3_28376957_x1.....cgucaUgccccgccaguacugc..... 1
 Gi3_28570008_x1.....gaucggagacgucCugggaacac..... 1
 Gi2_10999830_x1.....ccaguacugcgaCcgga..... 1
 Gi3_28759290_x1.....ucaggccUcgccaguacug..... 1
 Gi2_11286270_x1.....caguacugcgGucggagacgucg..... 1
 Gi1_4334935_x1.....ugcgauccggagacgCcguggga..... 1
 Gi5_9009327_x1.....aggccUcgccaguacugcgauc..... 1
 Gi1_4384652_x1.....gacgucgugggaaUacggggugcc..... 1
 Gi2_11124813_x1.....agGgaagcgccgucagggccccgcca..... 1
 Gi2_11363186_x1.....agacgucgugggaacaAggggugcc..... 1
 Gi2_11304579_x1.....agaagcgccgucagggccAc..... 1
 Gi2_11169961_x1.....agcgcccAcaggccccgccaguacugc..... 1
 Gi2_11390123_x1.....gucgugggaacacAgggugccgaac..... 1
 Gi1_4348430_x1.....Ngugggaacacggggugccgaa..... 1
 Gi2_11244211_x1.....Gcggaucggagacgucguggga..... 1
 Gi2_11372141_x1.....ucggagCcgucgugggaaca..... 1
 Gl1_6135311_x1.....Caagagaagcgccgucag..... 1
 Gi3_28497722_x1.....gaucggagacgucgugggaacUcggggugc..... 1
 Gi3_28556073_x1.....ucaggccccgcAaguacugcga..... 1
 Gi3_28760892_x1.....Auacugcgauccggagacg..... 1
 Gi5_8912591_x1.....gCagacgucgugggaacacggggugccgaacu..... 1
 Gi3_28852671_x1.....cggagacgucgugggCcacggggugcc..... 1
 Gi5_8930083_x1.....acgucgugggaacacggggAgcc..... 1
 Gl1_6300605_x1.....caggccccNccaguacugcgau..... 1
 Gi3_28480538_x1.....cgccgucagggccccUccaguacu..... 1

Gi5_9023998_x1	.....cggagacgucgugggaaacacggggugccg	0
Gi1_4290685_x1	.....ugUgaacacggggugccgaac	1
Gi3_28684587_x1	.....ucguCggaacacggggugccgaa	1
Gi2_11233323_x1	.....ggccccgccaguacugcgagGc	1
Gi2_11222651_x1	.....cgugggaUcacggggugccgaa	1
Gi5_8840875_x1	.....gucaggccccAccaguacugcg	1
Gi3_28968474_x1	.....caguacugcgauCagagacguc	1
Gi5_9124787_x1	.....aagagaagcgccgucagAcccccaccaguacug	1
Gi5_8874552_x1	.....gugggaacacggggUaccgaa	1
Gi1_4313108_x1	.....ggagaUgucgugggaaacacggggugccgaa	1
Gi3_28982243_x1	.....cggGgacgucgugggaaacacggggug	1
Gi2_11109144_x1	.....gaGcggagacgucgugggaa	1
Gi3_28673076_x1	.....caguacugcgauCcgagGcgucguc	1
Gi2_11125258_x1	.....ugggaacaUggggugccga	1
Gi2_11029553_x1	.....aagagaagcgccgucUggccccgca	1
Gi1_4276589_x1	.....gggaacacggggugccga	0
Gi3_28922372_x1	.....gucgugggaaacacggggugUc	1
Gi2_11282359_x1	.....gaucggagacgucgugggaaacacgAg	1
Gi5_8943638_x1	.....uacugcgGucggagacgu	1
Gi2_11305613_x1	.....ggagacgucguAggaaacacg	1
Gi2_11242661_x1	.....ccUccaguacugcgauCgg	1
Gi5_9020390_x1	.....cggagGcgucgugggaaacacggggugccga	1
Gi3_28803933_x1	.....agcgccgucagggccccgccCguac	1
Gi1_4389166_x1	.....cgucaggGccccaccaguacugcg	1
Gi1_4267626_x1	.....gaacaNggggugccgaacu	1
Gi3_28398465_x1	.....agaagcgccgCcaggccccgcc	1
Gi3_28935793_x1	.....gugggaacacggggGgccgaacuuu	1
Gi1_4377176_x1	.....aagagaGcgccgucagggccccgccagu	1
Gi2_11343139_x1	.....cgcUgucagggccccgccagu	1
Gl1_6125455_x1	.....cgugggaacaUggggugcc	1
Gi2_11012936_x1	.....aucggagacgucgugCgaaca	1
Gi3_28711561_x1	.....gccaAuacugcgauCggagacgucgug	1
Gi3_28912351_x1	.....gNgaacacggggugccgaac	1
Gi1_4227219_x1	.....gucgugggaaacacggggugccU	1
Gi2_11339024_x1	.....cgccaguacugcgauCggGgacgu	1
Gi2_11174074_x1	.....caggccccgUcaguacugcgauCgga	1
Gi5_9041783_x1	.....cgucgugggGacacggggugccga	1
Gi3_28623253_x1	.....gaUgucgugggaaacacggggugc	1
Gi3_28569565_x1	.....cgccaguacugcgauCgggagaU	1
Gi1_4262458_x1	.....ccgccaguacugcgauCggagacU	1
Gi3_28340592_x1	.....gaagagaagcgccgucagggccAccccagu	1
Gi2_11158970_x1	.....acugcgauCgggagacguGguugg	1
Gi3_28814517_x1	.....ccccgccaguacugcgauCggCgac	1
Gi5_8915265_x1	.....cgugggaUcacggggugccga	1
Gi2_11232825_x1	.....cggagacgNcgugggaacacggggug	1
Gl1_5995429_x1	.....uacugcgaCcgagacguc	1
Gi2_11313391_x1	.....agacgucgugggaaacacggggugccgaUcu	1

G1a_6134212_x1.....gaucgAagacgucguggga..... 1
 Gi3_28984256_x1.....gcgGucggagacgucguggga..... 1
 Gi2_11298091_x1.....gacgucguUggaacacggggugccga..... 1
 Gi3_28638254_x1.....ucgugggaacacUgggugc..... 1
 Gi3_28439339_x1.....caggccccAgccaguacugcga..... 1
 Gi2_11336808_x1.....Uaggccccgccaguacugcgauccggag..... 1
 Gi3_28938694_x1.....Ccaggccccgccaguacugcgauc..... 1
 Gi1_4378019_x1.....gagacgucgugggaaacacgCggugccg..... 1
 G1a_6322583_x1.....cAccgucaggccccgccaguacugc..... 1
 Gi3_28942686_x1.....cgccagCacugcgauccggagac..... 1
 Gi2_11182463_x1.....gccaguacNcggaucggagac..... 1
 Gi3_28481778_x1.....aguacugcgauccggagaUguc..... 1
 G1a_6282482_x1.....gucgugggaaacacgggAugccgaacu..... 1
 Gi3_28349367_x1.....ccAucaggccccgccaguacugc..... 1
 Gi3_28351233_x1.....gucaggUcccgccaguacug..... 1
 Gi5_9024466_x1.....aggccccgNcaguacugcga..... 1
 Gi2_10996223_x1.....aucggagacgucgugggaacacgggguC..... 1
 Gi3_28308046_x1.....cgggagacgucguAggaacacggg..... 1
 G1a_6307684_x1.....uacGgcgacugcgagacgucgu..... 1
 Gi3_28378470_x1.....Ngggagacgucgugggaacacggg..... 1
 Gi5_8952191_x1.....ggccccAccaguacugcgauc..... 1
 Gi3_28495759_x1.....acgucgugggaaUacggg..... 1
 Gi2_11355746_x1.....cCucgugggaacacggggugc..... 1
 Gi4_582464_x1.....aUuacugcgauccggagacguc..... 1
 G1a_6070299_x1.....aucgggagacgucgugggCacacg..... 1
 Gi5_8924331_x1.....cgugggaacacgAggugc..... 1
 Gi5_8970969_x1.....caggccccgccaguacGgcga..... 1
 Gi2_11300231_x1.....gcccAgccaguacugcgauc..... 1
 Gi3_28262502_x1.....gaagagaaAcgccgucagg..... 1
 Gi3_28685119_x1.....ucgggagacgucguAggaacacggg..... 1
 Gi3_28295855_x1.....caggccccgccaguacugcgauccggagG..... 1
 Gi2_11219382_x1.....cgauccUgagacgucguggga..... 1
 Gi2_11029143_x1.....cgucaggccccgccaguacAgc..... 1
 Gi3_28677986_x1.....aucgggagacUucgugggaacacgg..... 1
 Gi2_11383414_x1.....cccgccUuacugcgaucc..... 1
 Gi5_9093292_x1.....gugggaaacacggggugccUaa..... 1
 Gi3_28472640_x1.....Uguacugcgauccggagacgucguggg..... 1
 Gi2_11403194_x1.....gggaacacggggugccgU..... 1
 Gi3_28670765_x1.....caguacugcgauccggagacgAcgug..... 1
 Gi2_11029869_x1.....ucaggccccgccCguacugcg..... 1
 Gi3_28582136_x1.....ccgucaggccccgccGguacugc..... 1
 Gi3_28892658_x1.....gccccgccaguacugcgauccggUgacg..... 1
 Gi3_28927709_x1.....agCacugcgauccggagacgucg..... 1
 Gi3_28450217_x1.....Ccggccgucaggccccgccaguacugcg..... 1
 G1a_6144736_x1.....cgugggaaAacggggugccgaacu..... 1
 Gi3_28724673_x1.....ggUagagaagcgccgucaggc..... 1
 Gi1_4176686_x1.....ucgggagacgucgugggGacacggg..... 1

Gi3_28373076_x1.....agacgucgugGCaacacggggugccgaacu..... 1
 Gi2_11243265_x1.....caguacugcgauccggagacgu..... 0
 Gi2_11056555_x1.....cgugggaacacggggucCccgaac..... 1
 Gi2_11189756_x1.....ucggagaGgucgugggaaacacggggugc..... 1
 Gi5_9127627_x1.....agacgucgugggaaacacggggugccgaaAu..... 1
 Gi3_28506293_x1.....uuccgaauaCgaagagaagc..... 1
 Gi2_11305469_x1.....gaagcgccguUaggccccgc..... 1
 Gi5_8975565_x1.....aucggagCcgucgugggaaacacgg..... 1
 Gi2_11279985_x1.....ugcgauccggagCcgucguggga..... 1
 Gi2_11022717_x1.....acgucgugCgaacacggggugcc..... 1
 Gi3_28806797_x1.....ccccccaguacugcgauccggagUcgu..... 1
 Gi3_28446593_x1.....ucgugggaacacggggugUc..... 1
 Gi2_11017653_x1.....cggagacgucgugggaaacGcg..... 1
 Gi2_11162054_x1.....aucggagacgucgugGCaacac..... 1
 Gi3_28505523_x1.....ugggaacacggggugGcg..... 1
 Gi3_28499152_x1.....gaagagaagcgccgucagA..... 1
 Gi2_11329099_x1.....gccccgccagAacugcgauc..... 1
 Gi3_28526121_x1.....gucgugggUacacggggugc..... 1
 Gi2_11029013_x1.....gagacgucguAggaaacacggggugc..... 1
 Gl1_6195201_x1.....gugggaacacgggAugccgaa..... 1
 Gi3_28865856_x1.....cgucgugggaacCcggggu..... 1
 Gi3_28946482_x1.....acgucgGgggaacacggggugccga..... 1
 Gi2_11197378_x1.....caggccccgccCguacugcgau..... 1
 Gi3_28974874_x1.....auNggagacgucgugggaaacacgggg..... 1
 Gi3_28691099_x1.....acucguuccgaauaggaagagaagcgccgu..... 0
 Gi2_11183516_x1.....aucggagacgucgugggaaacUcgg..... 1
 Gi3_28324091_x1.....gaacacAgggugccgaacuu..... 1
 Gi3_28786142_x1.....Acgaucggagacgucgugggaaac..... 1
 Gl1_6073333_x1.....cgaucggagacgucgAgg..... 1
 Gi3_28543651_x1.....ccaguacugcgauAggagacgucgug..... 1
 Gl1_6226892_x1.....aucggGgacgucgugggaaacacgggg..... 1
 Gi3_28496450_x1.....ucggagacgucgugAggaaacacg..... 1
 Gi3_28898451_x1.....cggagacgucgugggaaacacggCgu..... 1
 Gi3_28536161_x1.....aucggagacgucgugCgaacacggggugcc..... 1
 Gi1_4220597_x1.....gacgucgAgggaacacggggugc..... 1
 Gi1_4286095_x1.....ggagacgucgugggaaacacggggugcc..... 1
 Gi2_11389475_x1.....caggccccgccaguacugAgau..... 1
 Gi2_10999484_x1.....gaucggagacgucgugGgaacacgggggu..... 1
 Gi4_573309_x1.....gagaagcgccguGaggcc..... 1
 Gi3_28354976_x1.....caguacugcgauccggagaUgucgu..... 1
 Gi2_11225956_x1.....cguggUaacacggggugccg..... 1
 Gi3_28754351_x1.....ggccccgccaguacCgcga..... 1
 Gi5_9106071_x1.....ugggaacacggggGgcccgaacuu..... 1
 Gl1_4224402_x1.....gcgaCcgagacgucgugggaaacacggggugcc..... 1
 Gi2_11045692_x1.....cggagacgucgugAggaaacacggggug..... 1
 Gi3_28885556_x1.....caggccccgcaguacugc..... 1
 Gi3_28744405_x1.....gacgucgugggaCcacggg..... 1

Gi2_11057667_x1.....gaucggagacguAgugggaacacggg..... 1
 Gi3_28939945_x1.....cgugggaaAacggggugccg..... 1
 G1a_6297960_x1.....aguacugcgCucggagacgucgu..... 1
 Gi3_28507296_x1.....ugcgauccggagacgucgugggGacacg..... 1
 Gi2_11323939_x1.....aagagaUgcgccgucagggccc..... 1
 G1a_6022813_x1.....cgCcgugggaacacggggugccgaacu..... 1
 Gi2_11076419_x1.....caUuacugcgauccggagacgucgug..... 1
 Gi5_8975075_x1.....gucguAggaacacggggugccgaa..... 1
 Gi2_10998623_x1.....guAgugggaacacggggugcc..... 1
 Gi1_4313177_x1.....gaacaGggggugccgaacu..... 1
 Gi3_28934494_x1.....cgaauuaggaagagaagcgccguc..... 0
 Gi5_8929589_x1.....Uucggagacgucgugggaacacg..... 1
 Gi2_11140351_x1.....cgcNgcagggccccgccaguacu..... 1
 Gi3_28530137_x1.....guUggaacacggggugccgaacuu..... 1
 Gi2_11225060_x1.....gGucggagacgucgugggaacacggggugcc..... 1
 Gi5_8919784_x1.....uUagggccccgccaguacugcg..... 1
 Gi5_9136647_x1.....aucgCagacgucgugggaaca..... 1
 Gi2_11278920_x1.....ucguuccgaaauGggaagagaagcgccguc..... 1
 Gi3_28438928_x1.....cgucgugggaCcacgggg..... 1
 Gi2_11223470_x1.....agacgucgugggaacacgUggugcc..... 1
 Gi2_11326614_x1.....cgccgucagggccccgccaguCcu..... 1
 Gi5_8919052_x1.....ucgugggaacacggggugUcgaac..... 1
 Gi3_28891329_x1.....ccaguacugcgauccggagacAuc..... 1
 Gi3_28400112_x1.....uaAugcgauccggagacguc..... 1
 Gi1_4334606_x1.....auUggagacgucgugggaacac..... 1
 Gi2_11044915_x1.....Uguacugcgauccggagacgucg..... 1
 Gi2_11244516_x1.....aggccccgccaguacugcgaAcg..... 1
 Gi3_28513182_x1.....ccaguacugcAaucggagacgucgug..... 1
 Gi3_28861589_x1.....aguacCgcgauccggagacg..... 1
 Gi2_11012519_x1.....cgccaguGcugcgauccggagacgucgu..... 1
 Gi5_8967036_x1.....Ccgccgucagggccccgccaguacug..... 1
 Gi1_4296549_x1.....ugggaacacggggugccgG..... 1
 Gi2_11209035_x1.....gugggaacacggggugccgaU..... 1
 Gi2_11156692_x1.....aucggagacgucgugggaacacgUgg..... 1
 G1a_6082055_x1.....Ugucagggccccgccaguacu..... 1
 Gi2_11047544_x1.....gucguAggaacacggggugccga..... 1
 Gi3_28953408_x1.....gccgucagggccccUccaguacugcg..... 1
 Gi2_11287247_x1.....gcgauccggagacgucgugggaUacggg..... 1
 Gi3_28809612_x1.....ucgugggaNcacggggugcc..... 1
 Gi3_28916714_x1.....cCccgucagggccccgccagu..... 1
 Gi1_4250914_x1.....gagacgucgugggaacacggggAgccgaacu..... 1
 Gi1_4314359_x1.....cAucgugggaacacggggugccg..... 1
 Gi1_4226680_x1.....cagggccccccaCuacugcg..... 1
 G1a_6224467_x1.....acugcgauccggagacgucgAg..... 1
 Gi2_11053351_x1.....aggccccgccaguacugcgaucCgaga..... 1
 Gi2_11243697_x1.....gacAucgugggaacacgggg..... 1
 Gi2_11079536_x1.....aucggagacgucguAggaac..... 1

Gi2_11011394_x1.....aCuacugcgauccggagac..... 1
 Gi2_11291069_x1.....agagaagcgccgucaggU..... 1
 Gi2_11104246_x1.....gUagcgccgucaggccccgc..... 1
 Gi3_28265921_x1.....cgccagucugcgauUggagacg..... 1
 Gi3_28485661_x1.....ucaggccccgccaguCcuagcgaucgg..... 1
 Gi3_28737505_x1.....agcgccgucaggccccgccGguac..... 1
 Gi3_28808093_x1.....cggagacgCcgugggaacacgggg..... 1
 Gi5_9042409_x1.....cgucgugggaacacggggGgccga..... 1
 Gi2_11231975_x1.....cgucaggccAcgccaguacugc..... 1
 Gi3_28607986_x1.....ggaacacgggCugccgaac..... 1
 Gi4_594598_x1.....cAucgugggaacacggggugccgaacu..... 1
 Gi5_9087968_x1.....ccccgccaguacugcgauccggCgacg..... 1
 Gi5_9115300_x1.....gucgugggaacCcggggugccgaa..... 1
 Gi3_28851274_x1.....aggccccCccagucugcgauccggagacg..... 1
 Gi3_28865642_x1.....aggcccAgccagucugcgauccggagacgucg..... 1
 Gi2_11244624_x1.....ccgccagucugcgcaCcgagacg..... 1
 Gi3_28500439_x1.....aUgaagagaagcgccgucag..... 1
 Gl1_6040503_x1.....gaucggagacgucgugggaacGcggg..... 1
 Gi3_28941724_x1.....ccgccagucugcgauccggaAacgucgu..... 1
 Gi3_28752628_x1.....ucgugggaacacggggugUcg..... 1
 Gi3_28732975_x1.....aucUgagacgucgugggaacacggggg..... 1
 Gi3_28692337_x1.....aggccccgccagucugcgauU..... 1
 Gi5_9056872_x1.....cgGgggaacacggggugccg..... 1
 Gi3_28590704_x1.....ccccgccagucugcgcaC..... 1
 Gi3_28274421_x1.....cAccgccagucugcgauccggagac..... 1
 Gi1_4354270_x1.....acgucgugNgaacacggggugccgaacu..... 1
 Gl1_6325247_x1.....gccgucaggccUcgccagua..... 1
 Gi3_28801094_x1.....ucggagacNucgugggaaca..... 1
 Gi2_11355610_x1.....Acggagacgucgugggaacacgggg..... 1
 Gi2_11371512_x1.....caggccccUgccagucugcgauccggaga..... 1
 Gi2_11348292_x1.....acucguuccgaauaggaagagaagcg..... 0
 Gi2_11335973_x1.....Ugagaagcgccgucaggccccgc..... 1
 Gl1_6131425_x1.....cgccgucaggccccgccaguGcugc..... 1
 Gi3_28462851_x1.....cguUaggccccgccaguacu..... 1
 Gi3_28648231_x1.....ccccgccagucugcgauccggagacUucg..... 1
 Gi5_8852407_x1.....guggAaacacggggugccg..... 1
 Gl1_6112209_x1.....gcgaucggNgacgucgug..... 1
 Gi2_11093511_x1.....caggccccUgccagucugcg..... 1
 Gl1_6059814_x1.....gucaggccccgccaguaUugcga..... 1
 Gi2_11406367_x1.....cgccgucaggccccgccaguUcu..... 1
 Gi3_28872389_x1.....ccccgccaguaUugcgauccggagacguc..... 1
 Gi4_599708_x1.....cgCcgugggaacacggggugccga..... 1
 Gi3_28412131_x1.....gaagagaagcgccgucaggccccgUcagu..... 1
 Gi2_11013046_x1.....ggagaGgucgugggaacacggggugc..... 1
 Gi3_28554246_x1.....agaagcgccgucAagccccgc..... 1
 Gi2_11103392_x1.....ccagucugcgCucggag..... 1
 Gi1_4336176_x1.....ucgugggaNcacggggugccg..... 1

Gi1_4177927_x1.....ggccccccaguacuCcgauccggaga..... 1
 Gi2_11341473_x1.....ucgGgggaacacggggugc..... 1
 Gi3_28752904_x1.....gaagagGagcgccgucagggccccccagu..... 1
 Gi1_4351102_x1.....cggAUacgucgugggaaacacggggugccgaac..... 1
 G1a_6103334_x1.....gaucggagacgucguAgg..... 1
 G1a_6320415_x1.....ugggaacaAggggugccgaacu..... 1
 Gi1_4386074_x1.....ggagacgucgugggGacacggggg..... 1
 Gi1_4304294_x1.....agacgucgugggaaacacggAgugccgaacu..... 1
 Gi2_11353185_x1.....gacgucgugAgaacacggggg..... 1
 Gi2_11330053_x1.....ccgcccaguacugcgauccgagac..... 1
 Gi3_28655065_x1.....ccgGcagggccccccaguacugc..... 1
 Gi3_28789129_x1.....aggccccccaguacugcgauccggGgacgu..... 1
 Gi1_4215914_x1.....gAaacacggggugccgaac..... 1
 G1a_6105180_x1.....aucggagGcgucgugggaaacacgg..... 1
 Gi5_9029138_x1.....gucgugggaaacGcggggugc..... 1
 Gi3_28446026_x1.....gaagcgccgucagggccccccCgua..... 1
 Gi4_614062_x1.....gccaguacuUcgauccggagacguc..... 1
 Gi1_4253521_x1.....gugggaacacAgggugccga..... 1
 Gi2_11366123_x1.....ucgugggaacGcggggugccg..... 1
 Gi3_28358297_x1.....ggagacAucgugggaaacacggggugcc..... 1
 Gi5_8987132_x1.....cgUagacgucgugggaaacacg..... 1
 Gi3_28628883_x1.....ugcgauccggagacgucgugggaaacacg..... 1
 Gi3_28636995_x1.....ccccccaguacugcgacCcgagacguc..... 1
 Gi3_28386537_x1.....acucguuccgaauaggGagagaagcg..... 1
 Gi2_11374281_x1.....auUggagacgucgugggg..... 1
 Gi2_11026873_x1.....gAccccccaguacugcgauccggagacgu..... 1
 Gi1_4325307_x1.....agacgucgugggaaacacggggugccgaaA..... 1
 Gi1_4387212_x1.....gcgauUggagacgucgugggaaacacggggugcc..... 1
 Gi1_4386977_x1.....gagacgucgugggaaacacAgggugccgaacu..... 1
 Gi5_9090409_x1.....gagacgucgugggaaacacggggugccgaaUu..... 1
 G1a_5983233_x1.....ucgugggaacacggggGcgggaacu..... 1
 Gi3_28560938_x1.....ccgcccaguacugcgauccgagacguc..... 1
 Gi3_28949996_x1.....ucagggccccccaguauUugcg..... 1
 Gi2_11321451_x1.....aggccccUccaguacugcgaucc..... 1
 Gi2_11136373_x1.....ggaaUacggggugccgaa..... 1
 Gi2_11080440_x1.....gcgccgucagggccccccaguacugc..... 0
 Gi2_11166385_x1.....Ucgauccggagacgucgug..... 1
 G1a_6167171_x1.....cgucagggccccAccaguacugcg..... 1
 Gi1_4244569_x1.....ucgugggaacacCgggugccgaacu..... 1
 Gi2_11175560_x1.....gccgucagggccccccCguacugc..... 1
 Gi1_4320265_x1.....agacgucgugggaaacUcggg..... 1
 Gi1_4270787_x1.....cgucagggccccccaAuacugc..... 1
 Gi5_9001287_x1.....acgucgugggCacacggggugccgaac..... 1
 Gi3_28289263_x1.....aagcgccgCcagggccccccagua..... 1
 G1a_6172531_x1.....ugcgauccggagacgucgugggGc..... 1
 Gi3_28785048_x1.....Ccgauccggagacgucgug..... 1
 Gi3_28867015_x1.....ucggagacgAcgugggaacacggg..... 1

Gi2_10995459_x1.....ucggagacgucgugggGacacggg..... 1
Gi3_28807187_x1.....cccgGcaguacugcgaucgg..... 1
Gi3_28720593_x1.....aGugcgaucggagacgucg..... 1
G1a_6191308_x1.....aCgggagacgucguggga..... 1
Gi3_28376061_x1.....gNgggaacacggggugccg..... 1
Gi2_11346060_x1.....aagagaagcgccgucaggUcc..... 1
Gi3_28550463_x1.....aucggagacgucgCgggaac..... 1
G1a_6332446_x1.....gggaacacggAgugccgaac..... 1
Gi2_11168901_x1.....caggccccgccaguacCgcaucggagacg..... 1
Gi3_28810747_x1.....aggcccAgccaguacugcgaucggga..... 1
Gi2_11357347_x1.....cgcNguacagccccgccagu..... 1
Gi3_28922041_x1.....gagacgucgugggaacacgggAu..... 1
Gi3_28826665_x1.....gccgucaggccUcgccagu..... 1
Gi3_28324786_x1.....acgucgugggaacacggggugcAga..... 1
Gi2_11265305_x1.....gucgugggaacacUgggugc..... 1
Gi3_28330528_x1.....Gaggccccgccaguacugcgaucggga..... 1
Gi2_11096801_x1.....aucggagUcgucgugggaacacggggug..... 1
Gi3_28687403_x1.....cgcUaguacugcgaucggagacg..... 1
Gi1_4215962_x1.....cgucaggccccgccaguacugcgaucgg..... 0
Gi2_11047574_x1.....gUcaguacugcgaucggga..... 1
Gi3_28575349_x1.....gaagagaagcgccgucaggccAcg..... 1
Gi1_4352790_x1.....aagcgccgucaggcccUgccaguacug..... 1
Gi1_4168633_x1.....cgugggaacacggggugcUgaac..... 1
Gi2_11044452_x1.....cgCagacgucgugggaacacggggugcc..... 1
Gi1_4358053_x1.....Aggaacacggggugccgaacuu..... 1
Gi3_28764479_x1.....gccgucaggccccgccCgu..... 1
Gi3_28680724_x1.....agagaagcgccgCcaggcccc..... 1
Gi3_28943874_x1.....ccccgccaguacugGgauc..... 1
Gi3_28668660_x1.....agagaagcgccgAcaggccccgc..... 1
Gi2_11172828_x1.....agacgucgugggaGcacggggugccga..... 1
Gi3_28692743_x1.....cgucGggccccgccagua..... 1
Gi2_11047387_x1.....ccgccaguacuAcgaucggag..... 1
Gi3_28580305_x1.....gNacacggggugccgaacu..... 1
Gi2_11340363_x1.....aguacugcgaucggagacgGcg..... 1
Gi2_11147086_x1.....aggccccgccaguacugcgGucggaga..... 1
Gi3_28881179_x1.....aggcGccgccaguacugcg..... 1
Gi3_28812122_x1.....gaagcgccgucaggccccccaAuacugc..... 1
Gi5_9046455_x1.....gagaagUgcccugacggccccgc..... 1
Gi2_11293279_x1.....ugggaaAacggggugccga..... 1
Gi2_11381741_x1.....gagacgucgugggaacacggggGgccgaac..... 1
Gi2_11143971_x1.....aagcgccgucaggccccgccaguCcu..... 1
Gi3_28973548_x1.....caggccccAccaguacugcgaucgg..... 1
Gi2_11380236_x1.....ucAugggaacacggggugccg..... 1
Gi2_11047613_x1.....ccccgccaguacugcgUuc..... 1
Gi1_4232075_x1.....ucaggccccgcAaguacugcg..... 1
Gi3_28672404_x1.....ggccccgccaguacugGgau..... 1
Gi3_28399185_x1.....ucCgagacgucgugggaacacggggugcc..... 1

Gi2_11015664_x1.....cgaucggagacguUgugggaacacg..... 1
Gi2_11399448_x1.....cggagaGgucgugggaacacggggugc..... 1
Gi2_11020976_x1.....gUcgcagggccccccagucg..... 1
Gi3_28601072_x1.....cgucgugggaCcacgggg..... 1
Gi3_28375676_x1.....gUcccgccaguacugcgaucggagacgu..... 1
Gi3_28397870_x1.....Aaagagaagcgccgucaggg..... 1
Gi3_28592873_x1.....ucguUggaacacggggugccgaa..... 1
Gi3_28341990_x1.....cgccagucgucggaucgAagacg..... 1
Gi2_11229844_x1.....cgccgucagggccccccCguacugc..... 1
G1a_6178726_x1.....Caucggagacgucgugggaacacggg..... 1
Gi3_28789552_x1.....ggagacgucgugggaGcacggggugcc..... 1
Gi2_11186565_x1.....agUgaagcgccgucagggcccccca..... 1
Gi2_11311964_x1.....cggagacgucgugggaacacgggAugc..... 1
Gi2_10995106_x1.....aucggagacgucgugggaacacggC..... 1
Gi3_28664024_x1.....gaucggagacgucgugggaaA..... 1
Gi3_28344203_x1.....caggUcccgccaguacugcg..... 1
Gi2_11196726_x1.....agacUucgugggaacacgggg..... 1
G1a_6094056_x1.....Ucugcgaucggagacgucgug..... 1
Gi2_11088514_x1.....gccaguGcugcgaucggaga..... 1
Gi3_28450849_x1.....ccccUccaguacugcgaucggagacgucgug..... 1
Gi3_28761621_x1.....aguacugcgaucggagaUgucgug..... 1
Gi2_11388002_x1.....cggagacgucgugggGacacggggugccga..... 1
Gi3_28270108_x1.....ggaacacggggugcGgaa..... 1
Gi2_11196797_x1.....caguacugcgaucggagGcugcug..... 1
Gi2_11025666_x1.....gacgucGgggaacacggggugc..... 1
G1a_6240538_x1.....cgccagucgucggaucgagacAuc..... 1
Gi2_11203270_x1.....ggagacgucgugggaacacgUggugcc..... 1
Gi3_28920158_x1.....aAacgucgugggaacacggggugcc..... 1
Gi2_11205711_x1.....ccccccaAuacugcgau..... 1
Gi3_28924007_x1.....ggagacgucgugggaacacggggugccCac..... 1
G1a_6122554_x1.....auNggagacgucguggga..... 1
G1a_6295329_x1.....gucgugggaacGcggggugccgaa..... 1
G1a_5997961_x1.....cguNaggccccccagucggaucg..... 1
Gi2_11057443_x1.....gucgugggaacacgCggugccgaacu..... 1
Gi1_4361914_x1.....Cgagacgucgugggaacacggggugcc..... 1
Gi3_28407367_x1.....ucggagacgucguAggaacacgg..... 1
Gi3_28737355_x1.....cggagacgucgugggaaAacggggugcc..... 1
Gi3_28512206_x1.....ggagacgucgugggaGca..... 1
Gi1_4334886_x1.....gNcagggccccccagucg..... 1
Gi1_4346646_x1.....gNcagggccccccagucg..... 1
Gi3_28701466_x1.....Uucggagacgucguggga..... 1
Gi2_11212318_x1.....gucgGgggaacacggggugccg..... 1
Gi5_9096350_x1.....uaUugcgaucggagacgu..... 1
Gi3_28877763_x1.....cgGcugcagggccccccag..... 1
Gi2_11048757_x1.....cAucgugggaacacggggugccga..... 1
Gi2_11250518_x1.....aGgcgccgucagggccccccagu..... 1
Gi2_10994799_x1.....ucggagacNucgugggaacacggggugccg..... 1

Gi2_11112082_x1.....agggccAgccagucgucgau..... 1
 Gi3_28452071_x1.....ccgccagucgucgucgCgacgucgug..... 1
 Gi3_28952730_x1.....ccccgccagucgucAau..... 1
 Gl1a_6029596_x1.....cagAacugcgaucggagac..... 1
 Gi3_28741759_x1.....gcgaucggagacgucgugGaa..... 1
 Gi2_11200185_x1.....agcgccgucagggccccgccagu..... 0
 Gi3_28986006_x1.....cccNccagucgucguc..... 1
 Gi3_28919192_x1.....acgucgugggaacacggggugccUaac..... 1
 Gi2_11086451_x1.....ucgugggaCcacggggugccgaac..... 1
 Gl1a_6157341_x1.....gagaagcgccgucagggccccgcccG..... 1
 Gi1_4303159_x1.....agggccccccagucgucgucAgagacg..... 1
 Gi2_11280886_x1.....guuccgaauaggaagagaagcgcc..... 0
 Gi3_28669761_x1.....Ugucagggccccccagucgucgucguc..... 1
 Gi2_11189789_x1.....ucggagacgucgugggaacacggggCgcc..... 1
 Gl1a_6105247_x1.....ugcgaucggagUcugcgu..... 1
 Gi3_28412574_x1.....cgauccggagacguAguggg..... 1
 Gi2_11021923_x1.....gggGacacggggugccga..... 1
 Gi1_4176724_x1.....gaucggagacgucgGgggaacacggggg..... 1
 Gi2_11037140_x1.....ccccgccaguUcugcgaucggagac..... 1
 Gi2_11000037_x1.....aucgCagacgucgugggaacacggg..... 1
 Gi3_28747708_x1.....gucgugggaacaAggggugcc..... 1
 Gi2_11393009_x1.....gccccgccGguacugcgaucggagacguc..... 1
 Gl1a_6240287_x1.....Cucggagacgucgugggaacacg..... 1
 Gi2_11094749_x1.....agCacugcgaucggagac..... 1
 Gl1a_6061372_x1.....ucggagacgucgugggaacacggggCgc..... 1
 Gi3_28594451_x1.....Acgugggaacacggggugccg..... 1
 Gi5_9037537_x1.....acgucgugggaacacggggugccgGac..... 1
 Gi2_11359900_x1.....cgggagacgucgugggaGcacggggug..... 1
 Gi3_28297605_x1.....agcgAcgucagggccccgccc..... 1
 Gi2_11157143_x1.....ccgccagucgucgucgagac..... 0
 Gi5_9116677_x1.....ggGgacgucgugggaacacggggugccgaac..... 1
 Gi3_28429392_x1.....caguacugcgaucggagacAucgug..... 1
 Gl1a_6075043_x1.....cGggccccgccagucgucguc..... 1
 Gl1a_6341433_x1.....caguacugcCucggagacgucg..... 1
 Gi3_28925814_x1.....ccgucagggccccccagucCucgucg..... 1
 Gi2_10998672_x1.....cgGcuggggaacacggggugccgaa..... 1
 Gi3_28641777_x1.....Ucugcagggccccccagucguc..... 1
 Gi1_4387618_x1.....aucggagacgucgugAgaacacggggugcc..... 1
 Gi2_11286101_x1.....gaagagaagcgcccCcagg..... 1
 Gi3_28624244_x1.....ucggagacgucgugggaAacggg..... 1
 Gi2_11343422_x1.....gagacgucgugggaacacggggugccU..... 1
 Gi2_11284298_x1.....ucggagacgucgugggUacacgggg..... 1
 Gi3_28276558_x1.....aguacugcgaucgAagacg..... 1
 Gi1_4281919_x1.....uacugcgaucggCgacgucgug..... 1
 Gi3_28697728_x1.....cgucCugggaacacggggugccgaac..... 1
 Gi5_9053944_x1.....caggUcccgccagucgucguc..... 1
 Gi2_11098569_x1.....agagaagcgccgucagggccccgaguc..... 1

Gi3_28615713_x1.....gccgAcaggccccgccaguacugcg..... 1
 Gi2_11181534_x1.....ggCaacacggggugccgaac..... 1
 Gi2_11141102_x1.....agggccccagcGcugcgauccggagacgucgug..... 1
 Gi5_8952561_x1.....gugggaaacGcggggugccgaacu..... 1
 Gi3_28678037_x1.....gccgucagAccccgccaguac..... 1
 Gi3_28379268_x1.....ccgccaguacugcgGcggagacguc..... 1
 Gi5_8926581_x1.....ugcgUucggagacgucgug..... 1
 Gi5_8849447_x1.....aggccccgccCguacugc..... 1
 Gi2_11167698_x1.....cgauccggagacgucgugggaacaA..... 1
 Gi3_28346105_x1.....Uggagacgucgugggaaacacgggg..... 1
 G1a_6048821_x1.....gaucggagacguGgugggaaacacggg..... 1
 Gi5_9061967_x1.....cgugggaaacGcggggugccg..... 1
 Gi2_11060526_x1.....Nccccgccaguacugcgau..... 1
 G1a_6267152_x1.....acgucgugggaaacacggggC..... 1
 Gi4_572315_x1.....gggaaacacggggugccAaacu..... 1
 Gi3_28409995_x1.....cguUgugggaaacacggggugccgaa..... 1
 Gi5_9132635_x1.....aucggagacgucgugggCacac..... 1
 Gi3_28331576_x1.....caggccGcgccaguacugcgau..... 1
 Gi1_4238529_x1.....cgugggaaacacggggugccgCacuu..... 1
 Gi2_11403232_x1.....ggagacgucgugggaaacUggggugccgaac..... 1
 Gi5_9000433_x1.....cggagacgucgugggaaacCcg..... 1
 Gi3_28865362_x1.....gcgccgucagggccccgccaguacugA..... 1
 Gi3_28282281_x1.....cucguuccgaauuaUgaagagaagcgccguc..... 1
 Gi3_28803816_x1.....cccAccaguacugcgauccggag..... 1
 Gi1_4341678_x1.....cgucaggccccgccaguacugA..... 1
 Gi3_28707245_x1.....caguacugcgauccggagacgCcgug..... 1
 Gi2_11014495_x1.....agggccccgUaguacugcgauccgga..... 1
 Gi2_11249031_x1.....agagaagcgUgucagggccccg..... 1
 Gi1_4264811_x1.....aacacggggugccCaacu..... 1
 Gi2_11167665_x1.....gacgucgugggaaGacggggugcc..... 1
 Gi5_8877830_x1.....Cgcgacugcgagacgucguggg..... 1
 Gi3_28638459_x1.....ggagacguUgugggaaacacggggugcc..... 1
 Gi5_8883554_x1.....gugUgaacacggggugccga..... 1
 Gi2_11205569_x1.....Uguacugcgauccggagacg..... 1
 G1a_6281801_x1.....gaUgucgugggaaacacggggg..... 1
 Gi3_28422207_x1.....ccccgccaguacugcgauccggG..... 1
 Gi3_28735436_x1.....ccccgccaguGcugcgauccggaga..... 1
 Gi3_28266529_x1.....gagaagUgccgucagggccccg..... 1
 G1a_6296879_x1.....gCacugcgauccggagacgucg..... 1
 Gi1_4340674_x1.....cgucaggccccgccagCacugc..... 1
 G1a_6207222_x1.....gUagcgccgucagggccccgca..... 1
 Gi3_28899904_x1.....cgauccggagacgGcugugggaaacacggggugc..... 1
 Gi2_11270146_x1.....aucggagacgucguCggaacacg..... 1
 G1a_6239717_x1.....ggagacgucgugggaaacacggggGgcc..... 1
 Gi5_9072668_x1.....aagagaagcgccgucagggAccgcc..... 1
 Gi1_4229492_x1.....aucggagGcgucgugggaaacacggggugc..... 1
 Gi2_11141966_x1.....agggccccccaguaUugcgauccggagacgu..... 1

Gi1a_5999763_x1.....cgugggaacacggggugAcgaacu..... 1
 Gi2_11372063_x1.....ggagacgucgugUgaacacggggugccgaacu..... 1
 Gi3_28754326_x1.....gaagagaaAcgccgucagggccc..... 1
 Gi3_28638523_x1.....acgucgugggaacGcggggugccgaa..... 1
 Gi1a_6262369_x1.....aucggagacguAgugggaacacg..... 1
 Gi3_28688249_x1.....agacgucgugggGacacggggugcc..... 1
 Gi3_28430477_x1.....aagcgccgucagUccccgccagua..... 1
 Gi3_28592236_x1.....ccgucagggcccgcUaguac..... 1
 Gi2_11377511_x1.....ucaggcccAgccaguacugcg..... 1
 Gi5_8944500_x1.....ucaggccccAccaguacugcg..... 1
 Gi2_11153050_x1.....cgaucggagacgucgugggaacaUg..... 1
 Gi1_4307621_x1.....aacacgggguCccgaacu..... 1
 Gi2_11072463_x1.....caggccccgUcaguacugcgau..... 1
 Gi3_28882188_x1.....cUaguacugcgaucggagacgucgu..... 1
 Gi1a_6083496_x1.....gGucggagacgucgugggaacac..... 1
 Gi5_9025372_x1.....ccUgccaguacugcgaucggagacgu..... 1
 Gi3_28770205_x1.....Ugccaguacugcgaucggagacgu..... 1
 Gi3_28942045_x1.....ucgugggaacacggggugccgU..... 1
 Gi5_8845526_x1.....caggccccgccagGacugcg..... 1
 Gi3_28277327_x1.....ggagacgucgAgggaacacggggu..... 1
 Gi3_28673127_x1.....agaagcgccgucagggccccgccagC..... 1
 Gi1_4200379_x1.....aucggagacgucgugAgaacacg..... 1
 Gi1_4290112_x1.....cguGaggccccgccaguacugc..... 1
 Gi3_28623957_x1.....agagaCgcgccgucagggccc..... 1
 Gi1_4308358_x1.....aucggagacgucgugggaGacg..... 1
 Gi3_28450881_x1.....agcgccgucagggccccccaAu..... 1
 Gi4_611330_x1.....gucgugggaacacggggugccgaa..... 0
 Gi1_4180935_x1.....agacgucgugggaacacAgg..... 1
 Gi2_11080893_x1.....ccccgccaguaUugcgaucgg..... 1
 Gi1_4319359_x1.....ugggaacaGggggugccga..... 1
 Gi2_11249251_x1.....gGagagaagcgccgucagggccc..... 1
 Gi3_28464268_x1.....ucaggccccUgccaguacugcg..... 1
 Gi3_28864669_x1.....acAgcgaucggagacguc..... 1
 Gi3_28371975_x1.....cggaUacgucgugggaacacggg..... 1
 Gi2_11187407_x1.....gagaagcgccgucagggcccUcgccag..... 1
 Gi3_28700630_x1.....gaagagGagcgccgucagggccc..... 1
 Gi3_28726093_x1.....ccgccaguacugUgaucgg..... 1
 Gi2_11170793_x1.....Agucgugggaacacggggugccga..... 1
 Gi2_11142536_x1.....ucggagacgucgugggaacaUggggugc..... 1
 Gi3_28445666_x1.....gacgucgAgggaacacggg..... 1
 Gi2_11187820_x1.....aagagaagcgccAucaggcc..... 1
 Gi1a_6102441_x1.....gucgGgggaacacggggugccgaacu..... 1
 Gi5_8992273_x1.....gaCgggagacgucgugggaacacggggu..... 1
 Gi1_4254025_x1.....aucggagacgucgugggaAa..... 1
 Gi3_28444400_x1.....gaucggagacgucgugggaUacggg..... 1
 Gi4_608645_x1.....acgucgugggaacacggggugcAgaacu..... 1
 Gi2_11276055_x1.....cgucgugggaacaUggggugccgaa..... 1

Gi3_28376963_x1.....agacgucgugggCacacggggugccgaac..... 1
 Gi2_11365174_x1.....caggccccgccaguUcugcgauC..... 1
 Gi2_11352400_x1.....ggagacgucgugggaacacgg..... 0
 Gi1_4237817_x1.....ucgugggaacacggggugccUaac..... 1
 Gi5_8990452_x1.....caguacugcUaucggagacguc..... 1
 Gi2_11229970_x1.....ccaguacugcgauCggagGcguc..... 1
 Gi3_28747058_x1.....gaagagaagcgccgucCggccc..... 1
 Gi1_4173581_x1.....aucggagacgucgugAgaacacgggg..... 1
 Gi2_11161359_x1.....cggaCacgucgugggaacacggggugcc..... 1
 Gi2_11237611_x1.....ccccgccaguacugcAaucggagacg..... 1
 Gi5_9016213_x1.....ugcgauCggagacGcgug..... 1
 Gi1_4389112_x1.....gacgucgugggCacacggggugccgaac..... 1
 Gi1_4261564_x1.....ccccgccaguacugcAauc..... 1
 Gi2_11354778_x1.....aggccccgccagGacugcga..... 1
 Gi3_28482745_x1.....cgCNaguacugcgauCggagacg..... 1
 Gi3_28443876_x1.....agaagcgccgucagggUccgccaguacugcg..... 1
 Gi3_28658975_x1.....gUgaucggagacgucguggga..... 1
 Gi2_11386192_x1.....gcgaucggagacgucguAggaacac..... 1
 Gi2_11373208_x1.....gacgucgugggaacacgC..... 1
 Gi2_11305471_x1.....guacugcgauCggagaUguc..... 1
 Gi3_28908985_x1.....gccaguacugcgauCgagac..... 1
 Gl1_6314574_x1.....ccccgccaguacugcgauC..... 0
 Gi1_4227669_x1.....caggccccgccaguacugcgauA..... 1
 Gi1_4316748_x1.....acucguuccgaauuaUgaagagaagcgccgu..... 1
 Gi2_11066318_x1.....auNggagacgucgugggaac..... 1
 Gi2_11217659_x1.....ggccccgccaguacugcCa..... 1
 Gi3_28538990_x1.....aucggagacgucgugUgaacac..... 1
 Gi2_10993366_x1.....cccgccaguacugAgaucggagacguc..... 1
 Gi2_11325962_x1.....cucguuccgaauuagga..... 0
 Gi3_28629955_x1.....agaGgcgccgucagggccccgccagua..... 1
 Gi2_11050522_x1.....gCcgugggaacacggggugccga..... 1
 Gi2_11209890_x1.....cUaguacugcgauCggag..... 1
 Gi2_11323849_x1.....Caagagaagcgccgucagggccc..... 1
 Gi3_28432804_x1.....cNcgccaguacugcgauCgga..... 1
 Gi3_28737263_x1.....aUgucgugggaacacggggugccga..... 1
 Gi5_9015342_x1.....gugggUacacggggugccga..... 1
 Gi2_11382773_x1.....ucggagacgucgugggaacacggggugccgC..... 1
 Gi2_11193797_x1.....ccgccaguacugcgGucgg..... 1
 Gl1_6084836_x1.....gggaacacggggugccUaacu..... 1
 Gi2_11148917_x1.....aagagaagcgccgucagggcccUgcc..... 1
 Gi2_11264968_x1.....cggagaUgucgugggaacacggggugcc..... 1
 Gi3_28641239_x1.....gaucgAagacgucgugggaacacg..... 1
 Gi2_11333168_x1.....ucggagacgucgugggaaAacggggugccgaac..... 1
 Gi3_28319707_x1.....agaNaagcgccgucagggccccgc..... 1
 Gi3_28643099_x1.....agcgccgucagggccccccaNu..... 1
 Gi1_4237135_x1.....ucaggccccgccaguacugcU..... 1
 Gi2_11093274_x1.....gucgugggUacacggggugc..... 1

Gi5_9017737_x1	.....cAucgugggaacacggggugc	1
Gi2_11363769_x1	.....ggagacgucgugggaacacggg	0
Gi5_9077626_x1	.....aagagaagcgcgucaggcUccgcc	1
Gi3_28746506_x1	.....Cccgucagggccccgcca	1
Gi2_11197987_x1	.....Ugcccucagggccccgcca	1
Gi3_28552725_x1	.....ggagacgucgugggaacac	0
Gi5_8956369_x1	.....cguuccgaauuaggaagagaagcgc	0
G1a_6302716_x1	.....ugggaacacggCgugccgaacu	1
Gi4_612920_x1	.....cgucgCgggaacacggggugccgaacu	1
G1a_6352747_x1	.....agGagcgcgucaggcccccca	1
G1a_6154411_x1	.....ucggagacgucgugggCacacggggu	1
Gi5_8900655_x1	.....gAcaggccccgcca	1
Gi2_11274943_x1	.....ucagggccccgcca	1
Gi4_614230_x1	.....guggUaacacggggugcc	1
Gi2_11197273_x1	.....Aaggccccgcca	1
Gi1_4270557_x1	.....gaucAgagacgucgugggaacac	1
Gi3_28813027_x1	.....ucgugggaacacgggCugccgaacu	1
Gi5_8934022_x1	.....cNucgugggaacacggggugccgaacu	1
Gi3_28595436_x1	.....gGgaagcgcgucagggccccgcca	1
Gi4_602958_x1	.....gccccgcca	0
Gi2_11378385_x1	.....ucgGgggaacacggggugcc	1
Gi1_4245667_x1	.....ggagacgucgugggaacacg	0
Gi1_4184081_x1	.....ggagacgucgGgggaacacggggugcc	1
Gi4_585175_x1	.....gagaagcgcgCcaggccc	1
G1a_6315686_x1	.....acgucgugggaacacggggugccgCacu	1
Gi1_4352285_x1	.....ggaacacggggAgccgaa	1
Gi3_28364049_x1	.....cgucaggAccccgcca	1
Gi2_11115456_x1	.....gacgucgugggGacacggggugccgaac	1
Gi1_4287381_x1	.....acgucgugggCacacggggugccgaacu	1
G1a_6072823_x1	.....gucgugggaacacggggUaccgaacu	1
Gi2_11344072_x1	.....cgGcuggggaacacgggg	1
Gi3_28976245_x1	.....Cgcgcccucagggccccgccc	1
Gi3_28349541_x1	.....gugggaacacUgggugccg	1
Gi3_28632611_x1	.....cgauUggagacgucgugggaacacg	1
Gi2_11214247_x1	.....ccgccGguacugcgauccggag	1
G1a_6180925_x1	.....aagagaagNgcccucaggcccc	1
Gi5_9045058_x1	.....aucggagacgucgugggaCca	1
Gi1_4370999_x1	.....ugggGacacggggugccgaacu	1
Gi2_11055884_x1	.....agUgcccucagggccccgcca	1
Gi3_28447702_x1	.....gCcccgcca	1
G1a_6108577_x1	.....aguacugcgauccggGgacguc	1
Gi2_11239172_x1	.....ccccgcca	1
Gi3_28437323_x1	.....aguacugcgauccggagacguAguggg	1
Gi3_28476860_x1	.....cgccguUaggccccgcca	1
Gi5_8883935_x1	.....acUucgugggaacacggggugccgaac	1
Gi3_28517457_x1	.....aucggagCgucgugggaacacggggug	1
Gi2_11186566_x1	.....cgccaguCucggaucggagacguc	1

Gi3_28486721_x1.....gacgucgugggaacacgAggu..... 1
 Gi3_28517870_x1.....ccgccaguGcugcgauccgagac..... 1
 G1a_6301302_x1.....ugcgauccgagacGcug..... 1
 Gi3_28905538_x1.....gAccccgccaguacugcga..... 1
 Gi2_11113457_x1.....cgccguUagggcccgcaguacugcgauc..... 1
 Gi3_28873776_x1.....cugcgauccgagacgucgugggaacacggggugcc..... 0
 Gi3_28564061_x1.....aagcgccgucagggcccgcaguacGgc..... 1
 Gi2_11307345_x1.....gucagggcAcgccaguacugcg..... 1
 Gi2_11218858_x1.....aucggagaNgucgugggaacacgggg..... 1
 Gi2_11391185_x1.....ucAgagacgucgugggaacacggggg..... 1
 Gi3_28503045_x1.....cagggcccgcaguaUugcga..... 1
 Gi5_8976850_x1.....gaaGacggggugccgaacu..... 1
 Gi3_28412195_x1.....gaucggagGcugcuggggaacacggggugcc..... 1
 Gi5_8977006_x1.....gagGcgucgugggaacacg..... 1
 Gi3_28834855_x1.....Aaucggagacgucgugggaacacggggug..... 1
 Gi2_11178163_x1.....cgucgugggaacacgggAugccgaac..... 1
 Gi1_4243950_x1.....cgccaguacugcgauccggaAa..... 1
 Gi5_8909139_x1.....aagagaGcgccgucagggcccgcga..... 1
 Gi2_11100770_x1.....gugggaacacggggugGcgaa..... 1
 Gi5_8854022_x1.....gccgucagNccccgccaguacu..... 1
 Gi3_28403665_x1.....ggaaAacggggugccga..... 1
 G1a_6205295_x1.....gccaguacugcgauccAgagacguc..... 1
 Gi2_11080532_x1.....gucNugggaacacggggugcc..... 1
 Gi3_28282095_x1.....cgauccAgagacgucgugg..... 1
 G1a_6287006_x1.....agggcUcgccaguacugcgauc..... 1
 Gi3_28689096_x1.....agagaagcgccgCcagggcccgc..... 1
 Gi2_11043130_x1.....gacgucgugggaUcacggggugccgaacu..... 1
 Gi2_11209090_x1.....gaagcgccgucagggcccgcGgu..... 1
 Gi1_4284095_x1.....Acggagacgucgugggaacacg..... 1
 Gi3_28899398_x1.....cCucagggcccgcaguacugcgauccg..... 1
 Gi5_9136005_x1.....gaagagaGggccgucagggcc..... 1
 Gi3_28642759_x1.....aaAagaagcgccgucagggcc..... 1
 Gi3_28348284_x1.....gccNucagggcccgcaguac..... 1
 Gi3_28613045_x1.....cgUcaguacugcgauccgagacgu..... 1
 Gi2_11107572_x1.....cgauccgagacgucguAg..... 1
 Gi2_11364575_x1.....ccccgAcaguacugcgauccgagac..... 1
 Gi2_11376716_x1.....cgucguAggaacacggggugccgaac..... 1
 G1a_6241347_x1.....guggAaacacggggugccg..... 1
 Gi2_11030075_x1.....cgauccAgagacgucgugggaacacggggug..... 1
 Gi2_11131535_x1.....gaucggagacgucgugAgaacacggg..... 1
 Gi3_28635394_x1.....cggagacgucgugggCacacg..... 1
 Gi2_11390616_x1.....aucggagacgucgugggaGcacggg..... 1
 Gi2_11293981_x1.....ccccgccaguacugcgaGc..... 1
 Gi3_28950647_x1.....gacgucGgggaacacggggugccg..... 1
 Gi5_8911239_x1.....Agagacgucgugggaacacggggugccgaacu..... 1
 Gi2_11163334_x1.....uUagggcccgcaguacugcg..... 1

Gi2_11284294_x1.....gucgugggaGcacgggugccg..... 1
 Gi2_11149484_x1.....aagcgccgucGggccccgccaguacugc..... 1
 Gi2_11157262_x1.....agacgAcgugggaacacggggugccga..... 1
 Gl1a_6182121_x1.....Gucggagacgucgugggaacacggggugcc..... 1
 Gi3_28668853_x1.....gcgaucggagacgCcgugggaacacggggug..... 1
 Gi3_28668233_x1.....gccaguacugcgauUggagac..... 1
 Gi3_28852984_x1.....gucaggccccgccaguaUug..... 1
 Gi2_11005834_x1.....gccgucagAccccgccaguac..... 1
 Gi5_8981460_x1.....caggcccAgccaguacugcg..... 1
 Gi3_28582111_x1.....gaucggagacguUgugggaacacggggug..... 1
 Gi5_9119474_x1.....gaacaAggggugccgaac..... 1
 Gi3_28754812_x1.....ggGcccgccaguacugcgau..... 1
 Gi1_4288677_x1.....ucaggccccgccaguacugcgU..... 1
 Gi3_28747477_x1.....ggagacguUgugggaacacggggugccgaa..... 1
 Gi1_4199848_x1.....cgucgugggaacacggggGgccgaac..... 1
 Gi5_9021477_x1.....Gcggaucggagacgucgugggaacacg..... 1
 Gi3_28536946_x1.....gaagagaagcgccgucCggccccg..... 1
 Gi1_4239773_x1.....gacgucgugggaacacggggugccgaCcu..... 1
 Gi5_8940772_x1.....ggcccAgccaguacugcgau..... 1
 Gi2_11331752_x1.....gacgucgugggaacacggggugAcgaac..... 1
 Gi2_11398004_x1.....caggccAcgccaguacugcgau..... 1
 Gi5_9003467_x1.....gaucggagacgucgugggUacacg..... 1
 Gi2_10994034_x1.....gagaagcgccgucaggAcccgccag..... 1
 Gi2_11303362_x1.....agUccccgccaguacugcgauccggagacguc..... 1
 Gi3_28510708_x1.....ugggaacacCgggugccgaac..... 1
 Gi3_28695975_x1.....gacgucgGgggaacacggggugccgaacu..... 1
 Gl1a_6064903_x1.....acGcggaucggagacguc..... 1
 Gi2_11177789_x1.....caggccccAccaguacugcgauccggagacg..... 1
 Gl1a_6184539_x1.....aagcgccgucGggccccgccaguacugc..... 1
 Gi2_11391409_x1.....cccgAcaguacugcgauccggaga..... 1
 Gi3_28911223_x1.....aggcccAgccaguacugcga..... 1
 Gi3_28744696_x1.....Gcgucgugggaacacggggugc..... 1
 Gi1_4377175_x1.....ggagaUgucgugggaacacggggugcc..... 1
 Gi3_28820838_x1.....agacgucgugggaacacggggugcG..... 1
 Gi4_609005_x1.....aagagaagcgccgucaggccc..... 0
 Gi2_11184932_x1.....cgucgugggaacacggggugcA..... 1
 Gl1a_6030055_x1.....gaucAgagacgucgugggaacacggggg..... 1
 Gi3_28698346_x1.....ggccAcgccaguacugcga..... 1
 Gl1a_6246452_x1.....ucaggccccgccaguacugcga..... 0
 Gi2_11361873_x1.....aCagaagcgccgucaggcccc..... 1
 Gl1a_6013003_x1.....gaucggagacgucgugggaCcacgggg..... 1
 Gi3_28312282_x1.....caggUccccgccaguacugcga..... 1
 Gl1a_6106144_x1.....aguacugcgauccggagCcgucgu..... 1
 Gl1a_6229599_x1.....aucggagacgucgCgggaacacgggg..... 1
 Gi3_28863548_x1.....ggagaAgucgugggaacacggggugcc..... 1
 Gi2_11165155_x1.....gaagaAaagcgccgucaggccc..... 1
 Gi3_28408443_x1.....aucggaCacgucgugggaacacg..... 1

Gi2_11321644_x1.....cgucgugggaacUcggggugccga..... 1
 Gi5_8929015_x1.....ccgccaguacugcAaucggagacguc..... 1
 Gi2_11094962_x1.....cgucaggccccgccaAuacugcgau..... 1
 Gi3_28908634_x1.....cgccgucaNgccccgccagua..... 1
 Gi4_598695_x1.....gucaggccccgccaguacugcg..... 0
 Gi2_11316399_x1.....aggccccgccGguacugcgauccggagacg..... 1
 Gi3_28942875_x1.....agacgucguggAaacacggggugccgaac..... 1
 Gi5_8879695_x1.....aAcggagacgucgugggaacacggggugc..... 1
 G1a_6316795_x1.....aucggagacgucgugggC..... 1
 Gi4_593381_x1.....cgugggaacacggggugccgaa..... 0
 Gi5_9007074_x1.....gugggaacacggggugccgaacuA..... 1
 G1a_6086850_x1.....aguacugcgauccggagaUgucgu..... 1
 Gi2_11106300_x1.....cgccaguacuAcgauccggagac..... 1
 G1a_6236074_x1.....gugggaacacggggugcUg..... 1
 G1a_6026357_x1.....aguacugcgaGcggagacgucgu..... 1
 Gi3_28940316_x1.....gNaacacggggugccgaacu..... 1
 Gi3_28822896_x1.....gaucggagacgucAggggaacacg..... 1
 Gi4_606850_x1.....cgugggaacUcggggugccgaacu..... 1
 Gi2_11371879_x1.....Ucccgccaguacugcgauccgg..... 1
 Gi3_28380901_x1.....agagaagcgccgucagggccccgccCgua..... 1
 Gi2_11240747_x1.....ggaacacggggugcGgaacu..... 1
 Gi2_11049031_x1.....ggccccgccUguacugcgauccggagacgu..... 1
 Gi3_28781093_x1.....ccccgccUguacugcgauccg..... 1
 Gi3_28926256_x1.....ggccccgccaguUcugcgauccg..... 1
 G1a_6317876_x1.....ggagacguAgugggaacacg..... 1
 Gi1_4182557_x1.....ucaggccccgccaAuacugcg..... 1
 Gi1_4236847_x1.....gcgauccggagacgucgugggaacacgg..... 0
 Gi2_11188200_x1.....caggAcccgccaguacugcg..... 1
 Gi2_11031391_x1.....aagagaagNgccgucagggccccgcca..... 1
 G1a_6359343_x1.....caguacugcgauccggagaUgu..... 1
 Gi5_8851294_x1.....agacAucgugggaacacggggugc..... 1
 G1a_6298290_x1.....caguacugcgauccggagacgC..... 1
 Gi3_28812834_x1.....gccgucagNccccgccaguacugcgau..... 1
 Gi3_28905800_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
 Gi2_11362446_x1.....cgauccggagacgucUugggaacacggggu..... 1
 Gi1_4259715_x1.....ucgugggaCcacggggugccgaa..... 1
 Gi3_28484728_x1.....gccgGcaggccccgccaguac..... 1
 Gi2_11378585_x1.....ugcgauccggagacgucgugggaacG..... 1
 Gi2_11361104_x1.....gCccccgccaguacugcgauccggagacgu..... 1
 Gi3_28459303_x1.....gaucggagacUucgugggaacacggggu..... 1
 Gi3_28550501_x1.....gaagcgccgucaAgccccgccagua..... 1
 Gi2_11012581_x1.....ugcgauccggGgacgucgugggaaca..... 1
 Gi2_11356150_x1.....gucagggCccgccaguacugcgaucc..... 1
 Gi5_8970834_x1.....aucggagacgCcgugggaacacgggg..... 1
 Gi3_28654984_x1.....Cagacgucgugggaacacggggugcc..... 1
 Gi2_11116936_x1.....agcgccgucagggcUcggcaguacugc..... 1
 Gi3_28551081_x1.....gaucUgagacgucgugggaacacggggugcc..... 1

Gi3_28877464_x1.....cggagacgucgugggaacacgggguAcc..... 1
 Gi3_28384936_x1.....cggagacgucgugggaGcacgggugccga..... 1
 Gi3_28843332_x1.....cGcgccaguacugcgauCG..... 1
 Gi3_28381401_x1.....gucgugggaacacggggugUcga..... 1
 Gi3_28621897_x1.....cgugggaacacggggugGcga..... 1
 Gi2_11261113_x1.....aucGagacgucgugggaacacggggu..... 1
 Gi3_28456118_x1.....aucAgagacgucgugggaacacggggug..... 1
 Gi3_28723983_x1.....acgCcgugggaacacggggugccga..... 1
 G1a_6242959_x1.....cgucaggccccCccaguacugcg..... 1
 Gi1_4312210_x1.....ucUgagacgucgugggaacacg..... 1
 Gi1_4164506_x1.....aucggagacgucUugggaacacggggugccgaacu..... 1
 Gi1_4259662_x1.....acacggggNgccgaacu..... 1
 Gi3_28719835_x1.....aguacugcgauUgagacgucgugggaacacg..... 1
 Gi3_28642193_x1.....cgaucggagacgucgugggaUcacg..... 1
 Gi3_28309083_x1.....ucggagacgucguAgggaacacggggugc..... 1
 G1a_6058640_x1.....aaNagaagcgccgucaggccc..... 1
 Gi1_4348192_x1.....Gggccccgccaguacugcga..... 1
 Gi4_605617_x1.....agacgucgugggaacacggggugccgaacA..... 1
 G1a_6359687_x1.....ucggagacgCcgugggaacacggg..... 1
 Gi3_28396474_x1.....gaUacgucgugggaacacggggugccgaac..... 1
 Gi3_28937053_x1.....aggccccgccaguCucgcaucgga..... 1
 Gi2_11356355_x1.....aggcccAgccaguacugcg..... 1
 Gi2_11068673_x1.....caggccccgccaguacuAcgaucggagacg..... 1
 G1a_6304011_x1.....aGcggagacgucgugggaacacggggugccga..... 1
 Gi2_11230329_x1.....UuacugcgauCGgagacgucgug..... 1
 Gi1_4286345_x1.....gucgugggaacacgggAugccgaacu..... 1
 Gi2_11082726_x1.....cccGcaguacugcgauC..... 1
 Gi5_8911700_x1.....aggccccgccagGacugcga..... 1
 G1a_5984082_x1.....ucggagacgucgugggaacGcggggugcc..... 1
 Gi5_8889916_x1.....acucguuccgaauuaggaag..... 0
 Gi2_11086703_x1.....cgucgugggaacNcggggugccgaacu..... 1
 G1a_6032304_x1.....gUgaucggagacgucgug..... 1
 Gi1_4220778_x1.....agacgucgugggaGcacggg..... 1
 Gi2_11019709_x1.....agagaagcgUcgucaggccccgccag..... 1
 Gi2_11034900_x1.....gccaguacugcgUucggagacguc..... 1
 Gi5_8910365_x1.....Gagagaagcgccgucaggcccccca..... 1
 Gi1_4346989_x1.....gaucggaAacgucguggg..... 1
 Gi3_28676754_x1.....gaagagaagcgccgucaggccccA..... 1
 Gi3_28984405_x1.....gggaacacCgggugccga..... 1
 Gi1_4373783_x1.....ucaggccccgccaguacugcgGuc..... 1
 Gi3_28695107_x1.....ugcgauCGgagacgucgugggCacacggggu..... 1
 Gi3_28555636_x1.....agaUaagcgccgucaggccccgc..... 1
 Gi3_28921487_x1.....aucggagacguAgugggaacacggg..... 1
 Gi3_28726450_x1.....ccccgUcaguacugcgauCGgag..... 1
 Gi1_4218954_x1.....cgCgggaacacggggugccgaacu..... 1
 Gi5_9084366_x1.....ccUccaguacugcgauCGgaga..... 1
 Gi3_28826872_x1.....cggagacgucguggAaacacggggu..... 1

Gi5_9117681_x1.....cgucgugggaaacacggggGgccgaac..... 1
Gi3_28671797_x1.....gacgucgugggaaacacggAgugccgaa..... 1
Gi1_4166431_x1.....acgucgugggaaacacggggugccgaaA..... 1
Gi4_581165_x1.....aacacggggugccgGacu..... 1
Gi1_4356185_x1.....gggaacacggggugccgaaA..... 1
Gi2_11246362_x1.....gucguggAaacacggggugc..... 1
Gi3_28664626_x1.....Ngugggaacacggggugcc..... 1
Gi5_8853183_x1.....ccgccaguGcugcgauccggagacguc..... 1
Gi2_11268528_x1.....gacgucgugggaaacaGggggugccgaac..... 1
G1a_6123008_x1.....aggUcccgccaguacugcg..... 1
Gi1_4193181_x1.....acgucCugggaacacggggugccgaacu..... 1
Gi3_28707223_x1.....gaagcgccgucagggccccccaAuac..... 1
Gi5_8846252_x1.....gucgugggaaacaUggggugccgaac..... 1
Gi3_28481969_x1.....Cgccccgccaguacugcgau..... 1
G1a_6189808_x1.....cAucaggccccgccagua..... 1
Gi5_8915373_x1.....acguUgugggaacacggggugccga..... 1
G1a_6108943_x1.....cggagacUucgugggaacacgg..... 1
G1a_6204160_x1.....gaucggagacgucgugggaaacCcggg..... 1
Gi3_28788656_x1.....gaucggagacgucAugggaaacacgggg..... 1
Gi5_9053409_x1.....gaucggagacgucgugAgaacacgg..... 1
Gi3_28661103_x1.....aCuacugcgauccggagacgucgug..... 1
Gi3_28642603_x1.....cgccgucagggccccgccaguacug..... 0
Gi3_28609466_x1.....cgAcgugggaacacggggugccgaa..... 1
Gi1_4225968_x1.....gucAugggaaacacggggug..... 1
Gi3_28487612_x1.....gagacgucgugggaaacaUggggugccg..... 1
Gi2_11391398_x1.....Ggagaagcgccgucagggccc..... 1
Gi3_28636436_x1.....gggaacUcggggugccgaa..... 1
Gi2_11384316_x1.....cgucgugggaaacacggggugAcgaa..... 1
Gi3_28891922_x1.....aUgcgccgucagggccccgccaguacugc..... 1
G1a_6084391_x1.....ccgccaguacugcgauccggagaAguc..... 1
Gi5_8973150_x1.....cgucagggccccgccaguacugcU..... 1
Gi1_4363714_x1.....cgucgugAgaacacggggugccg..... 1
Gi2_11312481_x1.....cgucgugggaaacaUggggugc..... 1
Gi2_11236290_x1.....gaacacgUggugccgaacu..... 1
Gi2_11126150_x1.....acucguuccgaauuaUgaaga..... 1
Gi3_28934149_x1.....caguacugcgauccggagacgucAu..... 1
Gi2_11160656_x1.....cCgagacgucgugggaaacacggggugcc..... 1
Gi2_11305820_x1.....ugcgauccggagacgucAugggaaac..... 1
Gi4_581821_x1.....cgauccggagacgucgugggaaacacg..... 0
Gi3_28798110_x1.....gucgugggaaacCcgggugccgaacu..... 1
Gi1_4344071_x1.....aGcggagacgucgugggaaacacgggg..... 1
Gi5_9056333_x1.....cgucgugggaaacacggggugccgaGc..... 1
G1a_6090800_x1.....aucggCgacgucgugggaaacacggggugcc..... 1
Gi5_9072832_x1.....uUcugcgauccggagacgu..... 1
Gi5_8967342_x1.....cguggaaacacggggugAcg..... 1
Gi1_4215247_x1.....aucggagacgucguAggaacacggggugcc..... 1
Gi3_28695485_x1.....gccgucagggAcccgccaguacugcgau..... 1

Gi5_8871531_x1.....agggcccgccaguaGugcgauC.....ugggaaGacggggugccgaacu..... 1
 Gi5_8841476_x1.....ugggaaGacggggugccgaacu..... 1
 Gi3_28849404_x1.....ggccccgccaguacCgcgaucgga..... 1
 Gi3_28405648_x1.....caggccccgccagAACugcgauC..... 1
 Gi1_4208002_x1.....ucggagacgucgugggaaacaAggggugccgaacu..... 1
 Gi2_11202063_x1.....cgccgucaggccccAccaguacugC..... 1
 Gi4_591372_x1.....cgAcaguacugcgauCggagacgucgug..... 1
 Gi1_4365646_x1.....gaacacgUggugccgaacu..... 1
 Gi3_28615852_x1.....cggagacgucgugggaaacacggCgugcc..... 1
 Gl1a_6325379_x1.....acucguuccgaaauaCgaa..... 1
 Gl1a_6120579_x1.....ugggaaacaGggggugccgaacu..... 1
 Gi4_588217_x1.....agagaagcgccgucaggccccg..... 0
 Gi5_9073425_x1.....ugggaaacacggggugccgCacuu..... 1
 Gi4_576295_x1.....cgucgugCgaacacggggugccga..... 1
 Gi1_4254413_x1.....ugggaaacacgCggugccgaacu..... 1
 Gi1_4168797_x1.....gugggaaacacAggggugccg..... 1
 Gl1a_6274652_x1.....ggagacgucgugggaaUcacg..... 1
 Gi3_28697004_x1.....aguacugcgUucggagacg..... 1
 Gi5_8989723_x1.....gaucggagacgucgCgggaaacacgg..... 1
 Gi2_11180734_x1.....GgccaguacugcgauCgggagacg..... 1
 Gi3_28804291_x1.....cccgccaguacugcgauCgggagacAu..... 1
 Gi3_28852548_x1.....cGgucaggccccgccaguacugcgauCggg..... 1
 Gl1a_6349735_x1.....aguacugcgauCgggagacCuc..... 1
 Gi2_11302816_x1.....guacugcgauCgggagacguUg..... 1
 Gi2_11201189_x1.....caggccccgccaguacugAgauc..... 1
 Gl1a_6315379_x1.....Aucgugggaaacacggggugccgaa..... 1
 Gi2_11074982_x1.....cUguacugcgauCgggagacguc..... 1
 Gi2_11367057_x1.....agacgucgugggaaacacgggAugccgaacu..... 1
 Gi3_28911891_x1.....cgaAcgggagacgucguggg..... 1
 Gi2_11072376_x1.....ccccgccaguacugcAaucgg..... 1
 Gl1a_6289776_x1.....Gagagaagcgccgucaggcccc..... 1
 Gi2_11032388_x1.....gUgaagcgccgucaggccccgccaguac..... 1
 Gi3_28437477_x1.....gaucggagacgucgugggaaacacgggAu..... 1
 Gi2_11057997_x1.....ucaggccccgccaguacAgc..... 1
 Gi1_4202603_x1.....cgccaguacugcgauCggCga..... 1
 Gi2_11338497_x1.....cgccaguacCgcgauCgggagac..... 1
 Gi3_28432604_x1.....agagCagcgccgucaggccccgC..... 1
 Gi2_11197787_x1.....Nagagaagcgccgucaggcccc..... 1
 Gi2_11020073_x1.....ggaAacgucgugggaaacac..... 1
 Gl1a_6303779_x1.....ccccgccaguacCgcgauCgggagacguc..... 1
 Gi1_4220624_x1.....ucgugggaaacacggggUccgaacu..... 1
 Gi5_8936902_x1.....aucggagGcgucgugggaaacacggg..... 1
 Gi2_11009951_x1.....ccAccaguacugcgauCgggag..... 1
 Gi2_11402514_x1.....gacgucgugggaaGcacggg..... 1
 Gi3_28709802_x1.....ucggGgacgucgugggaaacacgg..... 1
 Gi1_4375775_x1.....cgugggaaacacggggGgccg..... 1
 Gl1a_6154120_x1.....caguacugcUaucgggagacgucg..... 1

Gi3_28383018_x1.....aaagagaagcgcUgucagggccccgcca..... 1
Gi2_11312096_x1.....gccccgccaguacugcgUuc..... 1
G1a_6276310_x1.....cccgccCguacugcgauccggaga..... 1
Gi2_11368649_x1.....ugcgauccggagacgucgugggUaca..... 1
Gi2_11366609_x1.....ucagggccccgUcaguacugcg..... 1
G1a_6171201_x1.....Aucaggccccgccaguacugcga..... 1
Gi3_28844504_x1.....cggagacgucgugggaacacggggugcUga..... 1
Gi3_28786650_x1.....Aaagagaagcgcggucagggccccg..... 1
Gi2_11074425_x1.....gucgugggaacacggAgugccgaa..... 1
G1a_6248275_x1.....Aucaggccccgccaguacu..... 1
Gi3_28268401_x1.....Cacgucgugggaacacgggg..... 1
Gi1_4310413_x1.....ucgugggaacacgAggugccgaa..... 1
Gi3_28495361_x1.....ggGgacgucgugggaacacg..... 1
G1a_6040481_x1.....aguacugcgauccggGgac..... 1
Gi3_28280406_x1.....cccgccaguacugcgauAggagacguc..... 1
Gi2_11377683_x1.....gaUaagcgcggucagggccccgccaguac..... 1
Gi2_11182787_x1.....cgauCagagacgucgugggaacacggggugc..... 1
Gi2_11309602_x1.....cguNggaacacggggugccga..... 1
Gi2_11230062_x1.....cccgCaguacugcgauccggagacguc..... 1
Gi2_11062890_x1.....gacgucgugggaacacggggUaccg..... 1
Gi5_9136691_x1.....gggaacacggggugcAga..... 1
G1a_6023208_x1.....cguugggaacacggggugccgaaGu..... 1
Gi3_28732886_x1.....gaucggagacgucgugggGacacgg..... 1
Gi1_4354864_x1.....ucAugggaaacacggggugccg..... 1
Gi3_28416918_x1.....aggccccgccagGacugcgau..... 1
Gi3_28625720_x1.....gagacgucgugggaacacggAgugccg..... 1
Gi3_28858010_x1.....agagaagcgcAucaggccccgc..... 1
Gi1_4252993_x1.....acgucgugggaacacggggugcAga..... 1
Gi2_11077691_x1.....agAacugcgauccggagacguc..... 1
Gi2_11208912_x1.....aggccccgccagCacugcgauccgga..... 1
Gi2_11370615_x1.....aucggagacUucgugggaacac..... 1
Gi5_8853722_x1.....agacgucgugggaacacggggugUc..... 1
G1a_6312630_x1.....cgucagggccccgGcaguacugcg..... 1
Gi3_28917108_x1.....gAcaggccccgccaguacug..... 1
Gi3_28545432_x1.....ggagacgucgugggaacaUggggugcc..... 1
Gi3_28415994_x1.....gucagggccccgccUguacugcgau..... 1
Gi2_11285185_x1.....ucgugggaacacggUgugccgaa..... 1
G1a_6221549_x1.....gaUaagcgcggucagggcccccca..... 1
Gi5_9060248_x1.....aucggagacgucguggga..... 0
Gi2_11205126_x1.....aucggagacguAgugggaacacg..... 1
Gi1_4281077_x1.....ucagggccccgccaguacugUg..... 1
Gi1_4298257_x1.....gccaguacugcgauccggagU..... 1
Gi1_4230356_x1.....ugggaacacggggugccgCcuu..... 1
Gi2_11284415_x1.....gccaguacugcgauccggUgacguc..... 1
Gi5_9060158_x1.....acgucUugggaacacggggugccgaa..... 1
Gi2_11390370_x1.....agagaagcgcggucagggccAcgcc..... 1
Gi3_28676817_x1.....aguacugcgauccggagacguUg..... 1

Gi3_28797156_x1.....aggcGccgccaguacugcgauccgga..... 1
Gi2_11380780_x1.....gucgugggaacacggggAgcc..... 1
G1a_6264381_x1.....uacugcgauccggagacAucgu..... 1
Gi2_11185136_x1.....gggaacGcggggugccgaa..... 1
G1a_6084238_x1.....agaGgcgccgucagggcc..... 1
Gi5_8977478_x1.....agacUucgugggaacacggggugc..... 1
G1a_6313170_x1.....gugAgaacacggggugccgaac..... 1
Gi2_11232517_x1.....agacgucgugggaacacggggugccgaUc..... 1
Gi4_603920_x1.....gugAgaacacggggugccgaacu..... 1
Gi1_4299990_x1.....ggccccgccaguacugcgCucggagacg..... 1
Gi1_4301727_x1.....gGgggaacacggggugccgaa..... 1
Gi3_28897323_x1.....gagacgucgugCgaacacg..... 1
Gi5_9064087_x1.....aagagaagcgcgucagggccccgcUa..... 1
Gi2_11280509_x1.....agacgucguAggaacacggggugc..... 1
Gi3_28899074_x1.....gagacgucgugggaacacggggugcAgaacu..... 1
G1a_6342976_x1.....gaNcacggggugccgaacu..... 1
Gi1_4159719_x1.....Ccgugggaacacggggugccgaacu..... 1
G1a_6027256_x1.....ugggaacacggggugcGgaacu..... 1
G1a_6069888_x1.....aguacugcgauccggagacAuc..... 1
Gi5_8946761_x1.....ccgccaguacugcgauccggagacgucgC..... 1
Gi3_28375230_x1.....gagGagcgcgucagggccccgcccag..... 1
Gi2_11319453_x1.....aguacugcgGucggagac..... 1
Gi5_9132786_x1.....gcccUgccaguacugcgaucc..... 1
Gi3_28810062_x1.....ucggaAacgucgugggaacacg..... 1
Gi2_11380151_x1.....aucggagacAucgugggaacacggggug..... 1
Gi5_8999733_x1.....cgugggaacacggggguAccga..... 1
Gi2_11095984_x1.....gaNcacggggugccgaacu..... 1
Gi1_4333893_x1.....guacugUgauccggagacgucg..... 1
Gi5_9039605_x1.....agagaagcgcUgucagggccccgcccagu..... 1
Gi1_4171303_x1.....gugggaaAacggggugccga..... 1
Gi3_28984842_x1.....gauccggagacgucgugggaUcacggg..... 1
Gi1_4262225_x1.....gugCgaacacggggugccg..... 1
Gi2_11142885_x1.....ugcgauccNagacgucgugggaacacg..... 1
G1a_6007571_x1.....cgucagggccccgccGguacugc..... 1
Gi2_11094170_x1.....aucggagacgucgugggaacacgAgg..... 1
Gi5_9047299_x1.....cgGgggaacacggggugccgaacu..... 1
Gi5_8885329_x1.....aucggagacgucgugggaacacCgg..... 1
Gi3_28391706_x1.....gaUaagcgcgucagggccc..... 1
Gi5_8908959_x1.....ggagacgucgugggaacacggggCgcccgaacu..... 1
Gi5_8901750_x1.....aucggagacgucgugggaacacgggAu..... 1
Gi1_4274446_x1.....ugggCacacggggugccgaacu..... 1
Gi5_8901854_x1.....Cccccgccaguacugcgauccggagacg..... 1
Gi3_28412732_x1.....gacgucgugggaacacggggGgcc..... 1
G1a_6004677_x1.....ggagacgucgugggaUcac..... 1
G1a_6283284_x1.....cgGucggagacgucgugggaacacggg..... 1
Gi3_28282448_x1.....cggagacgucgGgggaacacggggugccga..... 1
Gi3_28300774_x1.....ucggagacgucgugggGacacg..... 1

Gi2_11129670_x1.....aucggagacgGcgugggaacacggg..... 1
Gi3_28546351_x1.....ggccccgccaguacugcggaucggCgac..... 1
Gi3_28611430_x1.....gcgaucggNgacgucgugggaaca..... 1
G1a_6240322_x1.....gaAcggagacgucgugggaacacggggug..... 1
Gi1_4215169_x1.....aucggagaAgucgugggaacacggggu..... 1
Gi3_28378442_x1.....gaucggagacAucgugggaacacggg..... 1
Gi2_11250589_x1.....aucggagacgCcgugggaacacgg..... 1
Gi3_28297570_x1.....agcgccgucCggccccgcc..... 1
Gi2_11098458_x1.....agagaagcgccgucaggAcccgc..... 1
Gi3_28468984_x1.....aggccccgccaguacugcggaucAgagacguc..... 1
Gi2_11339320_x1.....aggccccgccaguacugGg..... 1
Gi2_11309536_x1.....agagaagcgccgucaggccccUgc..... 1
Gi3_28282485_x1.....ucggagacgAcgugggaacac..... 1
Gi2_11011472_x1.....aacacggggugGcgaacu..... 1
G1a_6182882_x1.....gggaGcacggggugccgaa..... 1
Gi2_11381558_x1.....ggagacgucgugggaCcac..... 1
Gi3_28366023_x1.....aucggagaNgucgugggaacacggggugccgaac..... 1
Gi2_11383505_x1.....gGucggagacgucgugggaacacgg..... 1
Gi3_28913928_x1.....gGcgucagggccccgccaguacugcgau..... 1
Gi3_28507173_x1.....ucaggccccgccaguCcu..... 1
Gi4_582727_x1.....aucggagacgucgugggaacacggggugccgaacu..... 0
Gi3_28265929_x1.....uuccgaauuaggaagagaagcAccguc..... 1
Gi3_28820395_x1.....gagaagcgccgucaggccccgca..... 0
Gi1_4243653_x1.....cagCccccgccaguacugcgau..... 1
Gi2_11395776_x1.....cccgccaguacuUcgauccggag..... 1
Gi3_28431727_x1.....Uagacgucgugggaacacggggugc..... 1
Gi3_28263780_x1.....cgCcagggccccgccaguacugcgauccgg..... 1
Gi3_28283187_x1.....cgucagggcccUgccaguacug..... 1
Gi2_11377216_x1.....gucaAgccccgccaguacugcg..... 1
Gi3_28498459_x1.....ugcgauccggagacgucgugggaGcacggg..... 1
Gi2_11030387_x1.....gccccgcAaguacugcgau..... 1
Gi5_9002952_x1.....Cagacgucgugggaacacg..... 1
G1a_6253053_x1.....Ggcgaucggagacgucguggga..... 1
Gi5_8831284_x1.....aucggUgacgucgugggaacacg..... 1
Gi2_11263514_x1.....gagaagcgNcgucagggccccgcc..... 1
Gi3_28383594_x1.....gucUggggaacacggggugccgaacu..... 1
Gi5_9110107_x1.....aucggagacgCcgugggaacacgg..... 1
Gi3_28355975_x1.....ccgccaguacugcAaucggagacgucg..... 1
Gi5_9066459_x1.....gucgugggaacaUggggugccgaacu..... 1
Gi5_9137664_x1.....acguUgugggaacacggggugccg..... 1
Gi3_28953636_x1.....ugggaacacggggugccgUa..... 1
Gi3_28844830_x1.....gccccgucCggccccgccaguacug..... 1
Gi3_28871156_x1.....uacugcgCucggagacguc..... 1
Gi3_28696400_x1.....ucggagacgucgugggCacacggg..... 1
Gi3_28388021_x1.....agacgucgugggaacacggggGgccgaac..... 1
G1a_6314034_x1.....cccNgccaguacugcgauccggagacguc..... 1
Gi2_11093131_x1.....gccaguacugcgauccggagGcgu..... 1

Gi2_11261665_x1.....gacgucgugggaacacggggugcA..... 1
 Gl1a_6267303_x1.....cccgccaguacugcgauccggagCcg..... 1
 Gi1_4281657_x1.....aucgUagacgucgugggaacac..... 1
 Gi2_11379922_x1.....aguacugcgauccggagacguA..... 1
 Gi5_8964368_x1.....ugggaacacggggugccgGacuuu..... 1
 Gi2_11162766_x1.....aNcacggggugccgaacu..... 1
 Gi1_4364444_x1.....ugggaacacgUggugccgaacu..... 1
 Gi2_11400506_x1.....aucggagacgucgugggaacacggggCgccg..... 1
 Gi2_11317290_x1.....gagGagcgccgucagggcccgcag..... 1
 Gi2_11062941_x1.....aggccccgccaguacAgcga..... 1
 Gi2_11215421_x1.....ccccgccagCacugcgauc..... 1
 Gi3_28907053_x1.....gucagggccccgccaguacugAgauccgga..... 1
 Gi5_9001632_x1.....aCagaagcgccgucagggccccg..... 1
 Gi1_4252520_x1.....gacgucgugggCacacggggugccgaacu..... 1
 Gi3_28640099_x1.....gcccgcgucagggccccgcAaguacug..... 1
 Gi2_11206989_x1.....ccgUcaguacugcgauccg..... 1
 Gi2_11391509_x1.....cgugggaacacggggAgc..... 1
 Gi3_28736049_x1.....gUaagagaagcgccgucagggc..... 1
 Gi5_9138141_x1.....cgCcgugggaacacggggugccgaa..... 1
 Gi4_593420_x1.....cgucgugggaCcacggggugccgaacu..... 1
 Gi1_4172058_x1.....caggGccccccaguacugcgauccggaga..... 1
 Gi1_4262596_x1.....gugggaacaUggggugccga..... 1
 Gl1a_6149434_x1.....Uaucggagacgucgugggaacacggggugcc..... 1
 Gi3_28507394_x1.....Gcagggccccccaguacugcgauccggagacgu..... 1
 Gi2_11281314_x1.....Gggccccccaguacugcgauccggagacgu..... 1
 Gi3_28768076_x1.....agagaagcNccgucagggc..... 1
 Gi3_28535260_x1.....cgucagggcUccgccaguacugc..... 1
 Gi2_11108648_x1.....ugggaaAacggggugccg..... 1
 Gl1a_6085840_x1.....cgugggaacacggggugccA..... 1
 Gi3_28266357_x1.....cGgucagggccccccaguacugcgauc..... 1
 Gi2_11217758_x1.....gaucggagacgucgugggaacacgAggugcc..... 1
 Gi2_11255361_x1.....ccccgccaguacugcgCucgga..... 1
 Gi5_8845049_x1.....aguacugcgaucAgagacguc..... 1
 Gl1a_6043931_x1.....aucggagacgucCugggaacacggg..... 1
 Gi2_11172414_x1.....gagacgucgugggaacacggggugUc..... 1
 Gi3_28540816_x1.....gcgaucAgagacgucgug..... 1
 Gi3_28917877_x1.....aguacugcgCucggagacgu..... 1
 Gi2_11073122_x1.....gacguUgugggaacacggggugccgaacu..... 1
 Gl1a_6251954_x1.....ugcgauccggagaGgucgug..... 1
 Gi1_4388959_x1.....gUcugcagggccccccaguacu..... 1
 Gi2_11161779_x1.....gaAacgucgugggaacacggggug..... 1
 Gi2_11118187_x1.....guacugcgGucggagacguc..... 1
 Gl1a_6154504_x1.....aUgagaagcgccgucagggccc..... 1
 Gl1a_6249860_x1.....gaacacggggGgccgaacu..... 1
 Gl1a_6184746_x1.....acugcgauccggaCacgucgug..... 1
 Gi2_11000254_x1.....cgccaAuacugcgauccggagacg..... 1
 Gi3_28650859_x1.....gagaagcgccgGcagggccc..... 1

Gi3_28485617_x1.....aggaagagaagcAccguc..... 1
G1a_6171207_x1.....Agagacgucgugggaacac..... 1
Gi3_28910134_x1.....gggaacacggggugccAaacuu..... 1
G1a_6082929_x1.....agaagcgccgucaggccccgA..... 1
Gi2_11198485_x1.....aucggagGcgucguggga..... 1
Gi3_28819343_x1.....Ugucgugggaacacggggugccgaa..... 1
Gi2_11342773_x1.....aguacugcgauccggagCcgucg..... 1
Gi2_11205066_x1.....cagAacugcgauccggagacgucgu..... 1
Gi3_28985797_x1.....agacgucgugggaCcaccggg..... 1
G1a_6241761_x1.....ugcgauccggagGcgucgug..... 1
Gi3_28525366_x1.....ucggagacgucgugggaacacU..... 1
Gi3_28663748_x1.....agUagcgccgucaggccccgccaguacu..... 1
G1a_6284893_x1.....gagaagcgccAucaggccccgcca..... 1
Gi5_8918234_x1.....agagaagcgccgucaCgccccg..... 1
Gi3_28287621_x1.....ccccgcUaguacugcgauccggag..... 1
Gi4_614044_x1.....gugggaaAaccggggugccgaa..... 1
Gi1_4365450_x1.....gCgaacacggggugccgaac..... 1
Gi2_11086782_x1.....acugcgauccggGgacgucgugggaaca..... 1
Gi3_28410105_x1.....gccauuacugcgauccgga..... 1
Gi2_11212576_x1.....agagaagcgcgUgucaggccccgcca..... 1
Gi5_9034524_x1.....gaacacggggugccgaaG..... 1
Gi3_28283830_x1.....ucguAgggaacacggggugcc..... 1
Gi3_28725120_x1.....ccgccaguNcugcgauccgg..... 1
Gi4_594707_x1.....gucgugggaacacggggugccgaCcu..... 1
Gi1_4219032_x1.....agaagcgccgucaggccccgccc..... 0
Gi3_28519686_x1.....acgucgugggaacacggggAgccga..... 1
Gi2_11045643_x1.....gacAucgugggaacacggggugccgaacu..... 1
G1a_6349815_x1.....gucgugggaGcacggggugccga..... 1
Gi3_28812396_x1.....ccccgcUaguacugcgauccggagac..... 1
Gi5_9055764_x1.....ucgugggaacacgUggugccgaacu..... 1
Gi1_4369014_x1.....gUagacgucgugggaacacggggugccgaac..... 1
Gi3_28971499_x1.....gAcgugggaacacggggugccgaa..... 1
Gi3_28649852_x1.....gacgucgugggaacacgggCugccgaac..... 1
Gi2_11279997_x1.....gcgauccggGgacgucguggga..... 1
Gi2_11113374_x1.....cggagacgAcgugggaacacggggug..... 1
Gi3_28377095_x1.....gucaggccccgccaguacuC..... 1
Gi5_9012929_x1.....gacgGcgugggaacacggggugccgaacu..... 1
Gi5_8942499_x1.....cggagacgucguAgggaacacggggugcc..... 1
Gi3_28623172_x1.....cggagacgucgugggaacacggggugcUg..... 1
Gi5_9015251_x1.....cgauccggagacgucgugggaacGcggg..... 1
Gi2_11303731_x1.....ccccgcauacugcgauccggagC..... 1
Gi2_11103436_x1.....ucggagacgCcgugggaacacggggugc..... 1
Gi3_28888350_x1.....ggagacgucgugggaacacAgggugccg..... 1
Gi1_4302803_x1.....gacgucgugggaacacgggCugccgaacu..... 1
Gi2_11298892_x1.....Aucgugggaacacggggg..... 1
Gi3_28299653_x1.....ggagacgucgugggaGcacgg..... 1
Gi3_28267826_x1.....ccgccagCacugcgauccggagacgucgug..... 1

Gi5_8937934_x1.....Aaucggagacgucgugggaaacac..... 1
 Gi2_11107633_x1.....ggaacacUgggugccgaac..... 1
 Gl1a_6341416_x1.....aguacugcgaCcgagacgucgug..... 1
 Gi4_607449_x1.....guUcugcgauccggagacgucgug..... 1
 Gi3_28501179_x1.....cgucgugggaaacacggggugGc..... 1
 Gi5_8836752_x1.....Ccucgcaucggagacgucgug..... 1
 Gi2_11105844_x1.....gagacgucgugggaaacacggggGg..... 1
 Gi3_28471083_x1.....ccgucaggccccgccaguacugU..... 1
 Gi3_28722319_x1.....Acaggccccgccaguacugcgaucgga..... 1
 Gi2_11330644_x1.....aucggagaGgucgugggaaac..... 1
 Gi2_11031614_x1.....gaucggagacgCcgugggaaac..... 1
 Gi2_11371485_x1.....ccgNcaggccccgccaguacugcgau..... 1
 Gi2_11385092_x1.....aguaUugcgauccggagacgucg..... 1
 Gi3_28519124_x1.....aggccccgccaguacugG..... 1
 Gi3_28909974_x1.....ggaacacggggugccUaa..... 1
 Gi5_9131771_x1.....agacgucgugAgaacacggggugccgaac..... 1
 Gi2_11217981_x1.....cgucgugggaaacacAgggug..... 1
 Gi2_11124946_x1.....gacgucgugggGacacggggugc..... 1
 Gi2_11336782_x1.....gucaggccccgccaguacugcgCuc..... 1
 Gl1a_6069674_x1.....aucggagacgucgugggaaacacAgg..... 1
 Gi5_9104027_x1.....aucAgagacgucgugggaaacacgggg..... 1
 Gi2_11304503_x1.....gaucggagacgucgugggaaacacgggCu..... 1
 Gi3_28547856_x1.....aucggagacgucgugggaaacUcggggugcc..... 1
 Gi2_11033249_x1.....gccUguacugcgauccggagacguc..... 1
 Gi2_11277374_x1.....acugcgauccggagacgucgCgg..... 1
 Gi1_4331833_x1.....gagacgucgugggaaacacAgggugccga..... 1
 Gi2_11159305_x1.....ucggagacgucgugggaaacac..... 0
 Gi1_4184380_x1.....cGguacugcgauccggagacguc..... 1
 Gi1_4377717_x1.....gaaacacggggugcccgCac..... 1
 Gl1a_6024874_x1.....cgugggaCcacggggugcc..... 1
 Gi3_28649692_x1.....gucgCgggaacacggggug..... 1
 Gi5_8891910_x1.....acgucgugggaaacacggggUaccgaac..... 1
 Gi3_28510280_x1.....aucgUagacgucgugggaaacacggggugccg..... 1
 Gi5_8882314_x1.....gugggaacaGggggugccgaac..... 1
 Gi2_11295301_x1.....aCcgagacgucgugggaa..... 1
 Gi2_11364691_x1.....ggGgacgucgugggaaacacggggugccga..... 1
 Gi3_28923804_x1.....ucggagacgucgugggaaacacggggugccA..... 1
 Gi3_28688620_x1.....acugcgauccggagacguAgu..... 1
 Gi1_4180698_x1.....cgccaguacugcgCucggaga..... 1
 Gl1a_6050161_x1.....guacCgcgaucggagacguc..... 1
 Gi3_28265457_x1.....ggNgacgucgugggaaacacggggugcc..... 1
 Gi3_28342611_x1.....aagagaagcgccgucaggU..... 1
 Gi3_28660192_x1.....cccgccaguacugcgauccggagGcugcug..... 1
 Gi2_11236738_x1.....aggccccgccaguacugcgauUgg..... 1
 Gi1_4242771_x1.....cgucaggccccgccaguacugcgau..... 0
 Gi2_11261738_x1.....agacgucgugggaaacacggggugcccgCac..... 1
 Gi5_9032334_x1.....agNccccgccaguacugcgau..... 1

Gi5_9028627_x1.....gaCcgagacgucgugggaacac..... 1
Gi2_11030583_x1.....gaucggagacgucgugggaacaUggggugc..... 1
Gi2_11062559_x1.....gcgaucggagCcgucgugggaacacggg..... 1
Gi2_11310401_x1.....gaucggagaUgucgugggaacacggggug..... 1
Gi2_11153641_x1.....acgucgugggGacacggggugccga..... 1
Gi5_8891578_x1.....ggccccgccaguacugcgCucgga..... 1
Gi3_28401813_x1.....aucggagacgucguggCaacacggggg..... 1
Gi5_8936447_x1.....gCagcgccgucaggccccgccagua..... 1
Gi2_11005962_x1.....cgaucggaNacgucgugggaaca..... 1
G1a_6108404_x1.....caggccUcgccaguacugcgau..... 1
Gi2_11344898_x1.....aucggagacgucguggCaacacggggugc..... 1
Gi3_28385218_x1.....gaagagaaAcgccgucaggccc..... 1
Gi2_11346551_x1.....gacgucgugggCacacggg..... 1
Gi2_11038649_x1.....aGgcgcccugacggccccgccagua..... 1
Gi3_28719143_x1.....agcgccgucGggccccgcc..... 1
Gi5_9092885_x1.....Nugggaacacggggugcc..... 1
Gi3_28304209_x1.....gaCcgagacgucguggg..... 1
Gi2_11267513_x1.....gucgugggaacacggggGgccga..... 1
Gi2_11073691_x1.....Cggccccgccaguacugcgauccgaga..... 1
Gi5_9133208_x1.....ugggaacGcggggugccgaacuuu..... 1
G1l_4334384_x1.....ggccccCccaguacugcgauccgaga..... 1
Gi5_8940293_x1.....aucggagacgucgugggaacGcggggugcc..... 1
Gi3_28321524_x1.....aggccccgccagGacugcgauccgagac..... 1
Gi2_11140635_x1.....uacugcgauccUgagacgucgugggaaca..... 1
G1a_6065426_x1.....guacugcgauccgagCcgucg..... 1
Gi3_28684411_x1.....agacgucgugggaUacggggugccga..... 1
Gi3_28534354_x1.....gggagacgucgugggGacacggggugcc..... 1
Gi2_11029665_x1.....ccccgccaguacugcgauA..... 1
Gi5_9039236_x1.....gugggaacacgggguAcc..... 1
G1l_4308986_x1.....ccaguacugcgauccgag..... 0
G1l_4298968_x1.....ucCggccccgccaguacugcg..... 1
Gi2_11109312_x1.....auAggagacgucgugggaacac..... 1
Gi3_28962790_x1.....gagaUgucgugggaacacggggg..... 1
Gi2_11215133_x1.....ggccccgccaguacugcgauccgA..... 1
Gi3_28901346_x1.....ccUgccaguacugcgauccgagacgucg..... 1
Gi3_28425079_x1.....ccccgccaguaUugcgauccgag..... 1
Gi4_613221_x1.....gggaacacggggugccgaUc..... 1
Gi2_11368735_x1.....gaucggagacgucgugggaacacgAgg..... 1
Gi3_28872590_x1.....Aagaagcgccgucaggccccg..... 1
Gi2_11147578_x1.....cgcNucggagacgucgugggaacacggg..... 1
Gi3_28758653_x1.....acugcgauccgagacgAc..... 1
Gi3_28678009_x1.....Acaguacugcgauccgagacguc..... 1
Gi3_28541271_x1.....cccgccaguacugcgauccgagacgucgA..... 1
G1a_6166073_x1.....aagagaagcgccgucGggcccc..... 1
G1l_4258082_x1.....ucgugggaacacggggCgccga..... 1
Gi3_28606851_x1.....aguacugcgauccUgagacgucg..... 1
Gi2_11112575_x1.....guUcugcgauccgagacgu..... 1

Gi3_28365965_x1.....acgucgAgggaacacggggugccgaa..... 1
 Gi2_11145603_x1.....acguGgugggaacacggggugccgaac..... 1
 Gi3_28653962_x1.....cgccUucagggccccgccag..... 1
 Gi2_11144819_x1.....ccccgccaguacugcgauCAgagac..... 1
 Gi3_28928767_x1.....aggccccgccaguacugcAaucgg..... 1
 Gi5_9124912_x1.....cacggggugccgGacuuu..... 1
 Gi1_4380575_x1.....cgucguggggaacacggggugccgaUc..... 1
 Gi3_28373541_x1.....guacugcgauccggagaUgu..... 1
 Gi2_11406968_x1.....gaucggagacgucgugggGacacggggug..... 1
 Gi5_9110036_x1.....aAgucgugggaacacggggugccgaac..... 1
 Gi5_8859094_x1.....aAcggagacgucgugggaacacggggug..... 1
 Gl1a_6055834_x1.....cgucaggccccgUcaguacugcg..... 1
 Gi3_28778685_x1.....gagacgucgugggaacCc..... 1
 Gi3_28841029_x1.....gaucggGgacgucgugggaacacgggg..... 1
 Gi2_11013809_x1.....gaucggagacgucgugggaacacggCgugc..... 1
 Gi3_28391473_x1.....aucggagacgGcgugggaacacgggg..... 1
 Gi4_613763_x1.....cggagacgucgugggaacacggggug..... 0
 Gi5_8921524_x1.....cggaCacgucgugggaacacg..... 1
 Gi3_28976179_x1.....ucGggccccgccaguacugc..... 1
 Gi2_11192762_x1.....aUgccccgccaguacugcgauccggagacgucg..... 1
 Gi2_11182149_x1.....cccgccaguacugcgauccgAagac..... 1
 Gi2_11314211_x1.....ccccgccaguacugcgauUgg..... 1
 Gi2_10992668_x1.....aggccGcgccaguacugcg..... 1
 Gi3_28903469_x1.....aggccccgccaguUcugcgauccgga..... 1
 Gl1a_6262000_x1.....ucaggccccgccaguacCgcgauccg..... 1
 Gi1_4273633_x1.....cggagacgucgugggaacacggggugUc..... 1
 Gi3_28362945_x1.....gGagcgccgucagggccccgccagua..... 1
 Gi2_11237707_x1.....Uucagggccccgccaguacugcgauccggagacg..... 1
 Gi3_28389376_x1.....guacugcgauccggagacAuc..... 1
 Gi3_28503817_x1.....agagaagcgUgucagggccccgccaguacu..... 1
 Gi3_28423845_x1.....gAcgugggaacacggggugccg..... 1
 Gi2_11316579_x1.....cguggUaacacggggugccgaa..... 1
 Gi3_28930894_x1.....gacgucgugggaacaAggggugccgaacu..... 1
 Gi1_4310762_x1.....aucggGgacgucguggga..... 1
 Gi2_11344245_x1.....Cgcgauccggagacgucguggga..... 1
 Gi2_11239641_x1.....ucgugggaacacgCggugccgaac..... 1
 Gi2_11021657_x1.....ggagGcgucgugggaacacggggugccgaacu..... 1
 Gi3_28894718_x1.....agUcgucgugggaacacggggug..... 1
 Gl1a_5995102_x1.....gucguAggaacacggggugccgaacu..... 1
 Gi3_28512612_x1.....gaAcggagacgucgugggaacac..... 1
 Gl1a_6150036_x1.....aggcUccgccaguacugcg..... 1
 Gi3_28649176_x1.....cgugggaacacggggugccCa..... 1
 Gi3_28301174_x1.....cgccgucagggcGcgccagu..... 1
 Gi1_4364148_x1.....cggagacgucgugggaacacggggugAccgaacu..... 1
 Gi3_28979969_x1.....cgccaguacugUgucggagacg..... 1
 Gi2_11389529_x1.....gGgacgucgugggaacacggg..... 1
 Gi1_4189985_x1.....agcgccguNaggccccgccaguacugc..... 1

Gi1_4239662_x1.....acgucgugggaaacacggggugccgUacu..... 1
 Gi2_11179540_x1.....Nucggagacgucgugggaaacacggggug..... 1
 G1a_5998643_x1.....cgugggaaacacggggAgc..... 1
 Gi3_28629047_x1.....aggcUccgccaguacugcgauccgga..... 1
 Gi3_28468562_x1.....cagNccccgccaguacugc..... 1
 Gi2_11305005_x1.....gaucggagacguAgugggaaacacg..... 1
 G1a_6334834_x1.....cggagacgucgugggaaAacggggug..... 1
 Gi1_4337767_x1.....aagagaagcggcucagccUcgccagu..... 1
 Gi2_11319230_x1.....gccaguacugcgauccgUa..... 1
 G1a_6270080_x1.....Cguacugcgauccggagacgucgu..... 1
 Gi1_4319177_x1.....ugNgaacacggggugccgaacu..... 1
 Gi2_11253774_x1.....ucgugggaaacacgggCugccgaacu..... 1
 Gi4_568166_x1.....gaCcgagacgucguggg..... 1
 Gi4_594338_x1.....gugggaaacacggggAgccgaa..... 1
 Gi1_4351741_x1.....ggagacgucgugggaaacacAgggugccg..... 1
 Gi3_28962865_x1.....gccaguacugcgaAcgggagacg..... 1
 Gi2_11178717_x1.....gucgugggaaacCcgggugccga..... 1
 Gi2_11198642_x1.....gaagagaagcAccgucagggccccg..... 1
 Gi3_28629292_x1.....gaucggagacgucgugAgaaca..... 1
 Gi5_8966727_x1.....cgucgugggaaacUcgggugccgaacu..... 1
 Gi1_4360340_x1.....cCgagacgucgugggaaacacggggugc..... 1
 G1a_6298166_x1.....gggaaacacggggugccgaUcu..... 1
 G1a_6185050_x1.....aagagaagcggcucagggccccAg..... 1
 Gi2_11273812_x1.....cgucgugggaaacacgggA..... 1
 Gi2_10995180_x1.....aucggagacgucgugggaaacacgggCug..... 1
 Gi2_11225583_x1.....cggagacgucgugCgaacacgggg..... 1
 Gi1_4190564_x1.....cguUaggccccgccaguacugcg..... 1
 Gi5_8942401_x1.....gUcgucgugggaaacacggggugccgaac..... 1
 Gi2_11091496_x1.....agUccccgccaguacugcgauccg..... 1
 G1a_6050329_x1.....gugggaaacacAgggugccg..... 1
 Gi2_11016297_x1.....aucggagacgucguCggaacacggggugcc..... 1
 Gi2_11313891_x1.....ggNacacggggugccgaac..... 1
 Gi3_28407284_x1.....gaagcgccUucagggccccg..... 1
 Gi3_28725389_x1.....ucagggccccgccaguacCgcgauccgag..... 1
 Gi3_28820152_x1.....gucgugggaaacacCgggugc..... 1
 Gi5_8945337_x1.....gaucggagacgCcgugggaaacacg..... 1
 Gi2_11052726_x1.....gcgaucggagacgucgugggaaacGcggggug..... 1
 Gi3_28761127_x1.....ccgccaguacugcgauccggagacgC..... 1
 Gi3_28532871_x1.....aagagaagcAccgucagggcccc..... 1
 Gi2_11349943_x1.....cgccgucagggccccgcUagu..... 1
 Gi2_11269530_x1.....gacgucgugggUaacggggugccg..... 1
 Gi2_11372242_x1.....gacgCcgugggaaacacg..... 1
 Gi2_11020497_x1.....ccgccUguacugcgauccg..... 1
 Gi5_9110337_x1.....ucgCgggaaacacggggugcc..... 1
 Gi2_11141553_x1.....Gagagaagcggcucagggccccg..... 1
 Gi3_28789674_x1.....gucgugggaaacacggggug..... 1
 Gi2_11230717_x1.....uggCaacacggggugccga..... 1

Gi3_28952086_x1.....gaaAcgccgucagggccccccagacuagc..... 1
 Gl1a_6280926_x1.....cgugAgaacacggggugcc..... 1
 Gi2_11403068_x1.....cggagacAucgugggaacacggggugc..... 1
 Gi2_11350500_x1.....ccccgccaguacCgcgau..... 1
 Gi2_11153738_x1.....gagacgucgugggUacacggggugcc..... 1
 Gi3_28913063_x1.....gugggaacacggggugccNaac..... 1
 Gi1_4171750_x1.....gaacacgggAugccgaacuu..... 1
 Gi2_11174989_x1.....cgucAugggaacacggggugccgaac..... 1
 Gl1a_6035525_x1.....gucgCgggaacacggggugccgaa..... 1
 Gi3_28591664_x1.....Cccaguacugcgauccgagacgucgug..... 1
 Gi2_11056573_x1.....cgucGuAggaaacacggggug..... 1
 Gi3_28826782_x1.....aucggUgacgucgugggaacacgggg..... 1
 Gi3_28362740_x1.....gacgucgugggaaGacggggugcc..... 1
 Gi2_11154060_x1.....gaagagaagcggcAcagggccc..... 1
 Gi2_11105535_x1.....gucagggccccccagacuagcgu..... 1
 Gi5_8884907_x1.....cggGgacgucgugggaacacggggugccga..... 1
 Gi3_28471310_x1.....cgccaguCucgcaucggagacg..... 1
 Gi3_28348113_x1.....ucggagacgCcgugggaacacggggugc..... 1
 Gi2_11266608_x1.....ugcgauccgagacgucAuggga..... 1
 Gi2_11036243_x1.....ggagacgucgugggaacacgggAgugcc..... 1
 Gi5_8940673_x1.....cgucgugggGacacggggugccgaa..... 1
 Gi5_8989873_x1.....gccccgccNguacugcgauc..... 1
 Gi3_28607416_x1.....aucggagacgucgugggaacacgggCugcc..... 1
 Gi3_28444955_x1.....cccgccagCacugcgauccgagacgucgugg..... 1
 Gi2_11184009_x1.....agacgucgugggaacacggggugccA..... 1
 Gl1a_5984762_x1.....gugggaacacggggugccgaU..... 1
 Gi1_4380528_x1.....gccgucagggccccgccCgua..... 1
 Gl1a_6303357_x1.....ggaacacggggugccgaaUu..... 1
 Gi5_9136098_x1.....gucgugggaacacggggCgccgaac..... 1
 Gi5_8888339_x1.....agGacugcgauccgagacguc..... 1
 Gi2_11066673_x1.....cgccaguacugcgaCcgagac..... 1
 Gi1_4371963_x1.....ggaacacggggugccAaac..... 1
 Gi1_4326427_x1.....caggccccccagacuagcC..... 1
 Gi3_28349668_x1.....agagaagcgcUgucagggccccccagua..... 1
 Gi2_10995213_x1.....aucggUgacgucgugggaacacggg..... 1
 Gi1_4253136_x1.....gaagagaagcggcucaggU..... 1
 Gi2_11025445_x1.....cgCcaggccccccagacuagcgaucgga..... 1
 Gi3_28454039_x1.....cgauccggagaGgucgugg..... 1
 Gi3_28305626_x1.....aggccccccagacuagcgaucggagacgucgug..... 0
 Gi2_11154770_x1.....cgccUucagggccccccagacu..... 1
 Gi4_594957_x1.....ggUaacacggggugccgaacu..... 1
 Gi3_28975251_x1.....caguacugcgauccgagacguA..... 1
 Gi3_28853130_x1.....gucgGgggaacacggggugccgaa..... 1
 Gi3_28396148_x1.....gacgucguAggaaacacgggggu..... 1
 Gi1_4184200_x1.....cgucgugggUacacggggugccgaa..... 1
 Gi3_28980992_x1.....cgucgugggaacacggggua..... 1
 Gl1a_5989973_x1.....agaagcgccguGaggccc..... 1

Gi2_11051097_x1.....cgaucggagacgucgugggaacacggggGgc..... 1
Gi2_11280481_x1.....cggagacgucgugggCacacggggugc..... 1
Gi1_4288014_x1.....aAacgucgugggaacacggggugcc..... 1
Gi2_11398013_x1.....agCacugcgauccggagacgucgug..... 1
Gi2_11395204_x1.....Ugccaguacugcgauccggagacgu..... 1
Gi1_4286452_x1.....cgugggUacacggggugccga..... 1
Gi1_4365078_x1.....ucggGgacgucgugggaacac..... 1
Gi3_28919368_x1.....ggagacgucgugggaGcacggggugccga..... 1
Gi3_28634572_x1.....aguacugcgauccggagUcg..... 1
Gi5_8998906_x1.....gAcgugggaacacggggugccgaac..... 1
Gi2_11382062_x1.....gucagggAccgccaguacugcg..... 1
Gi3_28694334_x1.....cGgucagggccccgccaguacugcg..... 1
Gi5_8838964_x1.....aucggagacAucgugggaacacggg..... 1
Gi1_4331276_x1.....cgucgugggaCcacggggugccgaa..... 1
Gi3_28497021_x1.....cUcgccaguacugcgauccggagacgucgug..... 1
Gi3_28870651_x1.....gccgCcaggccccgccaguacug..... 1
Gi3_28524676_x1.....ggccccgccaguUcugcgau..... 1
Gi3_28584316_x1.....aggccccgccaguacugcgauccggagaAg..... 1
Gi2_11283134_x1.....cguGgugggaacacggggugccgaacu..... 1
Gi3_28662572_x1.....gucgugggaacacggUgugccgaacuu..... 1
Gi2_11311248_x1.....gccgucCggccccgccaguac..... 1
Gi4_596749_x1.....guacugcgauccggagacgucgAgg..... 1
Gi1_4247466_x1.....ucggagacgucgugggaacaU..... 1
Gi3_28569304_x1.....gucgugggaacacggggguCc..... 1
Gi3_28677492_x1.....ccaguacugcgauccggagacgucAug..... 1
Gi3_28823733_x1.....cAgagacgucgugggaacacgg..... 1
Gi2_11222914_x1.....ucgugggaUcacggggugcc..... 1
Gi2_11251650_x1.....Aaggccccgccaguacugcgauccggag..... 1
Gi3_28284361_x1.....cggagacgucgugggaacacgggC..... 1
Gi5_9077813_x1.....gAgggaacacggggugcc..... 1
Gi1_4276375_x1.....ucagUccccgccaguacugcgaucc..... 1
Gi1_4287461_x1.....agacgucgugggaacacggggugccgaaUu..... 1
Gi3_28777184_x1.....ucaggccccgcAaguacug..... 1
Gi1_4338330_x1.....gaucggagacgucgugggUacacgg..... 1
Gi1_4181614_x1.....gaGcggagacgucgugggaacacggggugc..... 1
Gi5_8868082_x1.....cgucgugAgaacacggggugccga..... 1
Gi3_28840307_x1.....ccccgccaguacugcgauccggUgacgu..... 1
Gi2_11173560_x1.....ggNacacggggugccgaa..... 1
Gi3_28861563_x1.....aucggagacguAgugggaacacgggg..... 1
Gi1_4168613_x1.....gacgucgugggaacGcggggugcc..... 1
Gi3_28500864_x1.....cggagacgAcgugggaacacggggugc..... 1
Gi2_11305132_x1.....ggccccgcNaguacugcgaucc..... 1
Gi3_28465492_x1.....ugUgaucggagacgucgugggaacacggggugcc..... 1
Gi2_11013578_x1.....aggccccgccaguacugcgauccggCga..... 1
Gi5_8892343_x1.....aCuacugcgauccggagacguc..... 1
Gi2_11083912_x1.....ucggagacgucgugAgaacacg..... 1
Gi3_28695922_x1.....ugcgauccNagacgucgugggaaca..... 1

Gi3_28742055_x1.....gagacgucgugggGacac..... 1
Gi2_11261753_x1.....aucggagacgucguggUaacacg..... 1
Gi3_28837952_x1.....Caagagaagcgccgucagggccccgc..... 1
Gi2_11049792_x1.....ggaUcacggggugccgaac..... 1
Gi4_576864_x1.....gucgugggaaacCcggggugccga..... 1
Gi1_4284463_x1.....cgucaggccccgccGguacugcg..... 1
Gi2_11234661_x1.....cCucaggccccgccaguacugcg..... 1
G1a_6290206_x1.....aggccccgccGguacugcg..... 1
Gi3_28293164_x1.....Ngccgucagggccccgccaguacugc..... 1
Gi2_11095887_x1.....gaucggagacAucgugggaacacg..... 1
Gi3_28850568_x1.....cgaucggagacgucgugggaacacggggugccgaacu..... 0
Gi3_28507154_x1.....gucgugggaaacGcggggug..... 1
G1a_6148788_x1.....cgugAgaacacggggugc..... 1
Gi2_11103817_x1.....aggccccgccaguacugcgauccggagGcgu..... 1
Gi1_4184149_x1.....ggagacgCcgugggaacacggggug..... 1
Gi1_4380659_x1.....ugUgaucggagacgucgugggaaca..... 1
Gi2_11020743_x1.....agagaagcgccgucGggcccc..... 1
Gi2_11025106_x1.....gaagcgGcgucagggccccgc..... 1
Gi2_11403852_x1.....gaucggagacgucgugggaUcacggggg..... 1
Gi2_11294052_x1.....caguacuAcgaucggagacgucg..... 1
Gi3_28485673_x1.....gagacgucgugggaacacAgggugccgaacu..... 1
G1a_6333829_x1.....cccCccaguacugcgauccggagacguc..... 1
Gi2_11276792_x1.....gugggaaacacUgggugcc..... 1
Gi3_28282298_x1.....gccgucaUgccccgccaguacugcg..... 1
Gi2_11299569_x1.....ggagacgucgugggaaAacggggugc..... 1
Gi2_11112883_x1.....ugggaaacacgAggugccgaa..... 1
G1a_6103669_x1.....gggaaacacggggugcAgaacu..... 1
Gi2_10993107_x1.....gaucggagacgucgUAggaacacg..... 1
Gi3_28284157_x1.....gacgucgugggaaacacAgg..... 1
Gi5_9057409_x1.....cgucgugggaaacacggggGccgaa..... 1
Gi3_28301402_x1.....gagGcgucgugggaaacacggggg..... 1
Gi2_11343122_x1.....gaagcgccgucCggccccgccagua..... 1
Gi1_4365898_x1.....ucgugggaaacacgggggUacc..... 1
Gi1_4374079_x1.....agacgucgugggaaacacgggggUAcgaac..... 1
Gi3_28412625_x1.....cagNccccgccaguacugcg..... 1
Gi3_28516671_x1.....agagaagcAccgucagggccccg..... 1
Gi2_11063448_x1.....gagacgucgugggaaacAaggggugccg..... 1
Gi3_28327229_x1.....gaucggagacgCcgugggaaacacggggug..... 1
Gi3_28909690_x1.....ggagacgucgugggaaacacgggggUcg..... 1
Gi3_28286487_x1.....aggccccgccaguacugcgGu..... 1
Gi3_28317419_x1.....agagUagcgccgucagggc..... 1
Gi2_11336074_x1.....ggUgacgucgugggaaacacgggggugccgaac..... 1
Gi3_28550520_x1.....gagaagcUccgucagggccc..... 1
Gi3_28323134_x1.....aggccGcgccaguacugc..... 1
Gi3_28364139_x1.....auAggagacgucgugggaaacacg..... 1
Gi1_4361272_x1.....ugggaaacUcgggggugccgaac..... 1
Gi2_11122002_x1.....gaucggagacgucgugggaaacGcg..... 1

Gi2_11104104_x1.....gucaggcUccgccaguacugcg..... 1
 Gi2_11350056_x1.....aucggagacgucgugggaaacacAg..... 1
 Gi2_11328085_x1.....gugggaacacgUggugccgaa..... 1
 Gi3_28316262_x1.....agaagcgcUgucagggccc..... 1
 Gi2_11051689_x1.....aucggagacAucgugggaaacacggg..... 1
 Gl1a_6338424_x1.....gcgaucggagacgucgugggGacacggg..... 1
 Gi1_4315132_x1.....aUacgucgugggaaacacggggug..... 1
 Gi3_28809281_x1.....ccccgccaguacugcgaucgAa..... 1
 Gi3_28315859_x1.....cgccaguacugcgaucggagaUg..... 1
 Gi3_28902029_x1.....aagcgcgucagAccccgccagua..... 1
 Gi3_28646314_x1.....gaucggagacgucguCggaacacgggg..... 1
 Gl1a_6317778_x1.....Aagacgucgugggaaacacggggugcc..... 1
 Gi3_28338890_x1.....cgucUggccccgccaguacug..... 1
 Gi2_11348395_x1.....cgccaguacugcgaucAgagacg..... 1
 Gi2_11209155_x1.....Nugggaacacggggugccgaa..... 1
 Gi2_11217651_x1.....cggagacgucgugggaaAacggggu..... 1
 Gi2_11267137_x1.....ggccccgccaguacugcgCucggagacgu..... 1
 Gi2_11363026_x1.....ugcgGucggagacgucgugggaaacacg..... 1
 Gi3_28967674_x1.....ggccccgccaguacugAgauc..... 1
 Gi2_11232921_x1.....aggccccgccaguacugcgaGc..... 1
 Gi2_11142003_x1.....ggagacgucgugggGacacggggug..... 1
 Gi3_28474027_x1.....ccccAccaguacugcgaucggagacg..... 1
 Gl1a_6184986_x1.....cgucagggccccgccUguacugcg..... 1
 Gi1_4222455_x1.....ucAgagacgucgugggaaacacg..... 1
 Gi2_11296746_x1.....ggagacgucAugggaaacacggggugccgaacu..... 1
 Gi4_568772_x1.....gugggaacacgggAugccgaacu..... 1
 Gl1a_6216092_x1.....cgccaguaUugcgaucggagacguc..... 1
 Gi2_11099041_x1.....gacgucgugggaaacacggggC..... 1
 Gi1_4298924_x1.....ccgucagggcccUgccaguacug..... 1
 Gi5_9076853_x1.....gacgucgugggaaacacggggAgccgaac..... 1
 Gl1a_6070522_x1.....Uccgccaguacugcgaucggagacgu..... 1
 Gi2_11216240_x1.....ccccAccaguacugcgaucggagacguc..... 1
 Gi1_4306361_x1.....gucgugggaaacacCgggugccgaac..... 1
 Gi2_11404089_x1.....gucgugggaaacacggggugcAgaac..... 1
 Gi1_4254808_x1.....ggGgacgucgugggaaacacggggugc..... 1
 Gi3_28511398_x1.....aagagaagcgcgucagggccccgUcagu..... 1
 Gi2_11379852_x1.....ggagacAucgugggaaacacggggugccgaacu..... 1
 Gi3_28771765_x1.....caguacugcgaucggagacgCcu..... 1
 Gi2_11114207_x1.....gUucggagacgucgugggaaacacggggugcc..... 1
 Gi3_28430681_x1.....ugcgaucggagacgCcgugggaaacacggg..... 1
 Gi3_28347941_x1.....ggaacacggggUcccga..... 1
 Gi2_11246975_x1.....gaacacggggugccUaac..... 1
 Gi3_28913624_x1.....guuccgaauaggaagagaagcgcguc..... 0
 Gi2_10994678_x1.....Gguacugcgaucggagacgucgug..... 1
 Gi1_4385702_x1.....cgugggGacacggggugccga..... 1
 Gi2_11394826_x1.....aucggagacgAcgugggaaacacgg..... 1
 Gi2_11150588_x1.....ccgucagggccccgccaguacugcgCuc..... 1

Gi2_11042107_x1.....gaucggagacAucgugggaaca..... 1
Gi5_9110612_x1.....ucggagUcgcugugggaacacg..... 1
Gi2_11071518_x1.....cUggccccgccaguacugcgauccgga..... 1
Gi3_28701913_x1.....aucgCagacgucgugggaacacggggu..... 1
Gi1_4201699_x1.....ucggagacgucgugAgaacacggggugc..... 1
Gi2_11093974_x1.....gCucggagacgucgugggaacacg..... 1
Gi2_11321848_x1.....cgccgucagggUccgccagu..... 1
Gi2_11007941_x1.....agagUagcgccgucagggccccgcc..... 1
Gi2_11052966_x1.....cgugggaacUcggggugc..... 1
Gi2_11108718_x1.....uGaggccccgccaguacugcgauccgga..... 1
Gi2_11299728_x1.....Accaguacugcgauccggaga..... 1
G1a_6224689_x1.....gccgucagggccccgccagCa..... 1
Gi3_28443476_x1.....ucuggGCaacacggggugccgaac..... 1
Gi3_28541125_x1.....aggccccgcUaguacugcgau..... 1
Gi4_567819_x1.....aacacggggugcGgaacu..... 1
Gi3_28975229_x1.....acCucgugggaacacggggugccgaac..... 1
Gi3_28513195_x1.....cggagacgucgugggaGcacg..... 1
Gi2_11173634_x1.....cgucgugggaacaAggggugccgaac..... 1
Gi3_28511794_x1.....gaucgCagacgucguggg..... 1
Gi3_28949531_x1.....acugcgGucggagacgucg..... 1
G1a_6290049_x1.....aucgUagacgucgugggaacacggggugc..... 1
G1a_6001969_x1.....Accccgccaguacugcgauccggagacg..... 1
Gi3_28534163_x1.....ccgucagggUcccgccaguacugcgauccgga..... 1
G1a_6046966_x1.....gAgggaacacggggugccg..... 1
Gi3_28320614_x1.....agAacugcgauccggagacgucg..... 1
Gi3_28872674_x1.....aguacugcgauccggagGcgucg..... 1
Gi3_28603187_x1.....ugggaacacUggggugccg..... 1
Gi2_11069535_x1.....gccaguacugUgauccggagacguc..... 1
Gi1_4373741_x1.....ucggagGcgcugugggaacacggggugcc..... 1
Gi3_28830852_x1.....agacgucguggAaacacggggugccgaacu..... 1
Gi3_28953443_x1.....ccgAcaguacugcgauccggagac..... 1
Gi3_28755922_x1.....ggaacacggggugccgUa..... 1
Gi3_28913769_x1.....ggGgacgucgugggaacacggggugccgaa..... 1
Gi3_28594698_x1.....cgugggaacaGggggugccgaa..... 1
Gi2_11272933_x1.....ucugggaacacggUgugccgaa..... 1
Gi3_28753941_x1.....ccgccaguaAugcgauccg..... 1
Gi4_609212_x1.....Caacacggggugccgaacu..... 1
Gi1_4308242_x1.....gugggaacacgggCugcc..... 1
Gi2_11133419_x1.....cgugggaacaUggggugccg..... 1
Gi2_11171642_x1.....cccgccaguacugcgauccggagacguA..... 1
Gi3_28882102_x1.....ucagggccccgccaguacuAcg..... 1
Gi5_9078714_x1.....cCucgugggaacacggggugccgaac..... 1
Gi1_4365348_x1.....Uaggccccgccaguacugcg..... 1
Gi5_8941579_x1.....ccgccUguacugcgauccggagacg..... 1
Gi2_11296607_x1.....aucggagacgGcugugggaacacggggu..... 1
Gi1_4377672_x1.....ucggagacgucgGgggaacacg..... 1
Gi4_593030_x1.....gccagCacugcgauccggagacguc..... 1

Gi1_4160902_x1.....agcgccgucagggccccgccc.....ugggaaacacg..... 0
Gi2_11306475_x1.....ucggagacAucgugggaaacacg..... 1
G1a_6230182_x1.....cCccgucagggccccgcccagucg..... 1
Gi3_28413100_x1.....gccccgcUaguacugcggauc..... 1
Gi1_4341334_x1.....ugggaaacacggggugccAa..... 1
Gi2_11111328_x1.....gaucgAagacgucgugggaaacacggggugcc..... 1
Gi2_11180733_x1.....guacugcgNucggagacgucguggg..... 1
Gi2_11374430_x1.....Uccccgccaguacugcggaucggagacguc..... 1
Gi5_8949312_x1.....gacgucgugggaaacacggggAaccgaac..... 1
Gi3_28297312_x1.....cgucagggccccgcccaguc..... 0
Gi5_9128095_x1.....agacgucgugggaaGacggggugccgaacu..... 1
G1a_5996796_x1.....cgUcaguacugcggaucggagacgucgug..... 1
Gi1_4344238_x1.....gucgugggGacacggggugcc..... 1
Gi3_28266331_x1.....caguacugcgCucggagacgu..... 1
Gi3_28913816_x1.....gaucggagacgucgugggaaacCcggggugccg..... 1
G1a_6092695_x1.....gaucggagCcgucgugggaa..... 1
Gi3_28649048_x1.....ccccgcccagucggaucgAagac..... 1
Gi1_4374811_x1.....gAgaacacggggugccgaacuu..... 1
Gi3_28671654_x1.....gUagagaagcgccgucagggccccgcccag..... 1
Gi1_4367652_x1.....acgucgugggaaacacggggAaccg..... 1
Gi1_4387949_x1.....cgcccagucCgcggaucggaga..... 1
Gi3_28355585_x1.....cgugggaaacacgggUugccga..... 1
Gi3_28482599_x1.....cgugggaaacacgAggugccgaacuu..... 1
Gi2_11272892_x1.....gucguAggaaacacggggg..... 1
Gi5_9065795_x1.....ugcgauccggagacCucgug..... 1
Gi2_11340629_x1.....cgucguggCaacacggggugccg..... 1
Gi3_28971532_x1.....aagaUaagcgccgucagggccccgcccag..... 1
Gi5_9013477_x1.....cgcccagucgucgaCcgagacg..... 1
Gi3_28786031_x1.....gaNaagcgccgucagggccccgc..... 1
Gi3_28853264_x1.....Ccgccgucagggccccgcccagucg..... 1
Gi2_11142786_x1.....ucaggccAcgcccagucguc..... 1
Gi1_4313097_x1.....aucggagGcgucgugggaaacac..... 1
Gi3_28491527_x1.....aacacggggugccgNacu..... 1
Gi3_28919206_x1.....gaUaagcgccgucagggccccgcccag..... 1
Gi5_8888340_x1.....cgucgugggaaacGcggggugccgaa..... 1
Gi3_28920438_x1.....Ggucgugggaaacacggggug..... 1
Gi3_28584806_x1.....gcgauccggagacgucgugggCaca..... 1
Gi3_28410630_x1.....ccccUccaguacugcggaucggag..... 1
Gi2_11179032_x1.....ggccccgcccagucgucgCucggagac..... 1
Gi3_28641595_x1.....gccgucagggccccgcccagucguc..... 1
Gi2_11008382_x1.....gauNggagacgucgugggaaacacggggugc..... 1
Gi2_11215735_x1.....ucggagacgucgCgggaaacacggggugcc..... 1
Gi3_28606179_x1.....aggccccgcccagucggaucggagacgCc..... 1
Gi2_11377300_x1.....guggCaacacggggugccgaa..... 1
Gi3_28795395_x1.....gucgugAgaacacggggugcc..... 1
Gi1_4173859_x1.....Uagaagcgccgucagggccccgc..... 1
Gi5_8830864_x1.....aucggUgacgucgugggaaacacgg..... 1

Gi5_8947971_x1.....Uaguacugcgauccggagacguc..... 1
 Gi3_28598291_x1.....acugcgauccggaAacgucgu..... 1
 Gi3_28440407_x1.....gaagcgccNucaggccccgcc..... 1
 Gl1a_6084329_x1.....cgccgucaggccccgcUaguacugc..... 1
 Gl1a_6303120_x1.....gccccgccaguacCgcgauccggagacg..... 1
 Gi3_28690215_x1.....gacgucgugggaacaUggg..... 1
 Gl1a_6255532_x1.....guacugcgNucggagacguc..... 1
 Gi3_28906050_x1.....gccaguacugAgauccggagacguc..... 1
 Gi3_28765612_x1.....ugcgauccgNagacgucgugggaacacg..... 1
 Gi3_28601753_x1.....gugggaacacgUggugccg..... 1
 Gi2_11076350_x1.....gaagcgUgucaggccccgccaguacug..... 1
 Gi3_28896482_x1.....aagagCagcgccgucaggccccgccagu..... 1
 Gi3_28512226_x1.....cgUagacgucgugggaacac..... 1
 Gi3_28884496_x1.....agaagcAccgucaggccccgccagu..... 1
 Gi3_28469430_x1.....gauccggagacgucgugggaacacCgggugc..... 1
 Gi2_11086558_x1.....Cggccccgccaguacugcgauccggagac..... 1
 Gi3_28889438_x1.....aucggagaUgucgugggaacacggggugcc..... 1
 Gi2_11104472_x1.....gccccgUcaguacugcgaucc..... 1
 Gi2_11113536_x1.....aggccccgccUguacugcgauccggagac..... 1
 Gi5_8970389_x1.....aucggagacgucgugggaacacggAg..... 1
 Gi1_4314201_x1.....aggUcccgccaguacugcgaucc..... 1
 Gi2_11139117_x1.....Acgugggaacacggggugccg..... 1
 Gi2_11292833_x1.....cccgccaguaUgucgauccggagac..... 1
 Gi2_11270967_x1.....agUcccgccaguacugcgauccggagacg..... 1
 Gi1_4299588_x1.....ccccgccaguacugcgauccgg..... 0
 Gi3_28970669_x1.....ucaggccccgccAuaucugcg..... 1
 Gi3_28453639_x1.....aucggagacgucgugggaacUc..... 1
 Gi2_11377878_x1.....ugggaacacgggAugccg..... 1
 Gi3_28878863_x1.....cgAcaggccccgccaguacugcgauccgga..... 1
 Gi3_28881230_x1.....acucguuccgaauuaUgaaga..... 1
 Gi2_11096489_x1.....cgggagacgucgugggaacacgggCugc..... 1
 Gi1_4284054_x1.....cucguuccgaauuaCgaaga..... 1
 Gi2_11256263_x1.....cgucgugggaacacggggg..... 0
 Gi1_4249470_x1.....aucggagaUgucgugggaacacggggugc..... 1
 Gi3_28436940_x1.....gacgucgugggaacCggggugccg..... 1
 Gi2_11011329_x1.....cgggagacgucgGgggaacacggggugcc..... 1
 Gi3_28274578_x1.....gauccggagacCucgugggaacacggggg..... 1
 Gl1a_6327999_x1.....gaUcgccgucaggccccgcc..... 1
 Gi2_11179264_x1.....cgCaggccccgccaguacugcgaucc..... 1
 Gl1a_6216216_x1.....cgucaggccccgccaguGc..... 1
 Gi3_28600104_x1.....gauccggaAacgucgugggaacacggggugc..... 1
 Gi2_11020513_x1.....gauccggagacgucgugggaacCggggugcc..... 1
 Gi2_11318741_x1.....aggUcccgccaguacugcgga..... 1
 Gl1a_6167978_x1.....aggccccgccagCacugcg..... 1
 Gl1a_6139757_x1.....Ggagaagcgccgucaggccccgcc..... 1
 Gi2_11243474_x1.....agacgucgugggaacacgggggAcc..... 1
 Gi3_28574603_x1.....gaagagaGcgccgucagg..... 1

Gi3_28577131_x1.....ccgucagggccccgccaguacugcgau..... 0
 Gi3_28524088_x1.....aagagaagcAccgucagggcc..... 1
 Gi3_28359674_x1.....gaCcgagacgucgugggaaacacggggug..... 1
 Gi2_11238253_x1.....gUccccgccaguacugcgauccggagac..... 1
 Gi2_11354453_x1.....gacgucgugggaaacacggggAgccgaac..... 1
 Gi1_4334945_x1.....cgucgugggaaacacggggugccgaacG..... 1
 Gl1a_6049012_x1.....ggaaacCcggggugccgaac..... 1
 Gi3_28308957_x1.....aggccccgccaguaAugcgau..... 1
 Gi1_4227243_x1.....gugggaaacGggggugccgaacu..... 1
 Gi3_28726464_x1.....aucggagacgucgugggaaGcacggggug..... 1
 Gl1a_6359968_x1.....gggaacacNgggugccgaac..... 1
 Gi2_11405081_x1.....ccccgccaguacugcgCu..... 1
 Gi1_4210860_x1.....aucCgagacgucgugggaaacacggggug..... 1
 Gi5_8862117_x1.....gaucggagacgucgugAgaacacg..... 1
 Gi2_11004801_x1.....gacgucgugggaaAacggggugccgaacu..... 1
 Gi4_574762_x1.....ucUugggaaacacggggugccgaacu..... 1
 Gi3_28929737_x1.....agcNccgucagggccccgcc..... 1
 Gi1_4308073_x1.....ucGggccccgccaguacugcgau..... 1
 Gi2_11273503_x1.....ccccgccaguacugcgauAggagac..... 1
 Gi3_28711466_x1.....ucgugggaaacacgAggugccgaa..... 1
 Gl1a_6296990_x1.....cgugggGacacggggugc..... 1
 Gi2_11080391_x1.....cgugggaaacacgCggugccga..... 1
 Gi3_28904514_x1.....ggagacgucguAggaaacacg..... 1
 Gi2_11003610_x1.....gccccgcUaguacugcgau..... 1
 Gi2_11289621_x1.....aggcUccgccaguacugcgauccggagac..... 1
 Gi2_11079985_x1.....aagagaagcggcgucagggcUcc..... 1
 Gi4_607438_x1.....cgucaAgccccgccaguacugc..... 1
 Gi2_11333439_x1.....caguacugcgaCcgagacguc..... 1
 Gi2_11187043_x1.....agacgucgugggaaacacggggGgccgaacu..... 1
 Gi5_9125700_x1.....caggccccgccaguacugGg..... 1
 Gi2_11352061_x1.....acgucgugggaaacacggggugccga..... 1
 Gi3_28728741_x1.....cgccaguacugcgGucggagacgucgug..... 1
 Gi3_28379325_x1.....ucggagacgucgugggaaacacgAggu..... 1
 Gl1a_6268366_x1.....ugcgauUggagacgucgug..... 1
 Gi3_28904424_x1.....gaAacgucgugggaaacacggggugccgaac..... 1
 Gi2_11371633_x1.....auNggagacgucgugggaaacac..... 1
 Gi3_28571767_x1.....gacgucgugggaaacacggggugccA..... 1
 Gi2_11311229_x1.....ccgccaguacugcgauccggagacgucgug..... 0
 Gi3_28760994_x1.....ccccgccaguacugcgauCagagacgu..... 1
 Gl1a_6275316_x1.....gucUggccccgccaguacugc..... 1
 Gi3_28285457_x1.....gaucggagacgucgugggaaacacgAggugcc..... 1
 Gi5_9080605_x1.....ggaaacacgggCugccgaac..... 1
 Gi3_28325822_x1.....guacugUgaucggagacgucgugggaaacacgg..... 1
 Gi2_11388080_x1.....gaUgucgugggaaacacggg..... 1
 Gi3_28590261_x1.....cgccgucagggccccgccCguacugc..... 1
 Gl1a_6188052_x1.....ucggagaUgucgugggaaacacggg..... 1
 Gi3_28957394_x1.....cguNugggaaacacggggugccgaa..... 1

Gi2_11072220_x1.....Gagagaagcgccgucagggccccccagacuagc..... 1
Gi2_11404387_x1.....cguggAaacacggggugccgaa..... 1
Gi2_11358166_x1.....guGcugcgauccggagacgucgugggaaca..... 1
Gi3_28662362_x1.....ggagacgucgugggCacacggggugcc..... 1
Gi3_28845969_x1.....ucaggcccUgccaguacugcgauccggag..... 1
Gi3_28854988_x1.....gucguAggaacacggggugccgaa..... 1
Gi5_9021028_x1.....acgucgugggaCcacggggugccgaa..... 1
Gi1_4252292_x1.....acgucgugggaacacAgggugcc..... 1
Gi3_28385034_x1.....gccgucagggcccgUaguacugcgau..... 1
Gi3_28634624_x1.....ccccgccaguacugcgauccggagacUu..... 1
Gi2_11346009_x1.....aucggagacgucgugggaacGcggggugccg..... 1
Gi3_28300518_x1.....gaagcgccgucagCccccgcc..... 1
Gi5_8886489_x1.....gaucggagacgAcgugggaacac..... 1
Gi1_4255520_x1.....caggccccccagacuagcgCucggagacg..... 1
Gi5_9001165_x1.....gagNcgucgugggaacacg..... 1
Gi2_11112829_x1.....gGgccgucagggccccccagacuagc..... 1
Gi5_8935989_x1.....ucggagGcugcugugggaacacg..... 1
Gi3_28418242_x1.....ggagacgucgugggaAa..... 1
Gi3_28867521_x1.....gaucggagacgucgugggaacaG..... 1
Gi5_9063163_x1.....gagacgucgugggaacacggggugccga..... 0
Gi1_4277707_x1.....gacgucgugggaacacggggugccgaaGu..... 1
Gi3_28958325_x1.....gucgugggaacCcggggu..... 1
Gi2_10994254_x1.....agggccccccagacuagcgauccggGgacguc..... 1
Gi2_11351416_x1.....gccgucagguUcccgccagacuagc..... 1
Gi3_28799488_x1.....aacacAgggugccgaaacu..... 1
G1a_6123919_x1.....ggagacgucAugggaaacacggggugcc..... 1
Gi2_11049177_x1.....agacgucGgggaacacggggug..... 1
Gi3_28943214_x1.....ggagacgucgugggaacacggggugccgaUc..... 1
Gi3_28762805_x1.....aagagaagcgccUucaggc..... 1
Gi3_28804171_x1.....gccccgccagCacugcgauccgg..... 1
Gi3_28473639_x1.....ucaggccccccagacuagcgGucgga..... 1
Gi5_8891076_x1.....gacguAgugggaacacggggugccgaa..... 1
Gi3_28947509_x1.....aNcggagacgucgugggaacacggggugcc..... 1
Gi2_11003932_x1.....cgugggaacaGggggugccgaa..... 1
Gi3_28736140_x1.....gccgAcaggccccccagacu..... 1
Gi1_4366140_x1.....cgagacgucguAggaacacggggugc..... 1
Gi3_28394273_x1.ccuuaacucAuuccgaaau..... 1
Gi3_28296339_x1.....cgucgugggaacUcggggugccgaa..... 1
Gi3_28805117_x1.....guUcugcgauccggagacgucgug..... 1
Gi1_4193166_x1.....guUggaacacggggugccga..... 1
Gi1_4173542_x1.....ggaacacggggugccgaCc..... 1
Gi1_4338428_x1.....gccagacuagcgauccggagacgGc..... 1
Gi3_28753758_x1.....aucCgagacgucgugggaacacggggugcc..... 1
Gi3_28929084_x1.....gcAccgucagggccccccagacuagc..... 1
Gi5_8923396_x1.....ucgugggaacacgggAugccgaa..... 1
Gi2_11015945_x1.....ugcgauccggagacgucgugggaGcac..... 1
G1a_6186487_x1.....cgccgucaNggccccccagacuagc..... 1

Gi3_28929552_x1.....aggcccGgccaguacugcg..... 1
 Gi3_28696161_x1.....ucgugggaacacggggugGcgaac..... 1
 Gi3_28939553_x1.....cccgccaguacugcgauccggUgac..... 1
 Gi5_8893036_x1.....Agugggaacacggggugccga..... 1
 Gi3_28736651_x1.....cUggccccgccaguacugcgauccggagac..... 1
 Gl1a_6194275_x1.....gccaguacugcgauccggagUcguc..... 1
 Gi5_8989919_x1.....aggccccgcUaguacugc..... 1
 Gi2_11331443_x1.....agacgucgugggaacacggggugcAgaacu..... 1
 Gi3_28390360_x1.....gacNucgugggaacacggggugccgaac..... 1
 Gi2_11022005_x1.....gucgCgggaacacggggugccg..... 1
 Gi1_4345456_x1.....aggccccgccaguacugGgauc..... 1
 Gl1a_6142464_x1.....acugcgauccggaAacguc..... 1
 Gi2_11092400_x1.....aucggagacgucguggCaacacggggugcc..... 1
 Gi2_11407009_x1.....ggccccgccaguacugGga..... 1
 Gl1a_6340966_x1.....aucggagacgucgugggaacacggggCgc..... 1
 Gi2_11039731_x1.....Ggcgcccguacggccccgccagua..... 1
 Gi1_4286711_x1.....gggaacacggggugccUaacu..... 1
 Gi3_28594917_x1.....ucaggccccgccaguacugcgauccgCa..... 1
 Gi3_28413021_x1.....gaucggagacgucgugggaacC..... 1
 Gi3_28469600_x1.....Ccacggggugccgaacuu..... 1
 Gi3_28490816_x1.....ucgugggaacacggggugccgaU..... 1
 Gi2_11117672_x1.....gcgauccggagacgucgugggaacGc..... 1
 Gi2_11400175_x1.....aucggagacguGgugggaaca..... 1
 Gi4_596900_x1.....Uaucggagacgucgugggaacacggg..... 1
 Gi2_11305922_x1.....aagagaagcggccgucaAgccccgccagu..... 1
 Gi2_11098177_x1.....aggccccgccaguUcugcgau..... 1
 Gl1a_6021593_x1.....agaagAgccgucagggccccgc..... 1
 Gi5_8831336_x1.....cucguuccgaauaggaaga..... 0
 Gi3_28458758_x1.....ucaggcccNgccaguacugcga..... 1
 Gi2_11073660_x1.....uggAaacacggggugccgaacuu..... 1
 Gi3_28495366_x1.....gacgucgugggaacaAggggu..... 1
 Gi3_28979165_x1.....gGgaagcggccguacggccccgccaguacug..... 1
 Gi3_28790043_x1.....Cgagacgucgugggaacacggggugcc..... 1
 Gi3_28953795_x1.....acgCcgugggaacacggggugc..... 1
 Gi2_11048027_x1.....ucgugUgaacacggggugccgaac..... 1
 Gi2_11302739_x1.....cgucagggccccgccaAuacugcg..... 1
 Gi3_28277831_x1.....agAacugcgauccggagacguc..... 1
 Gi3_28695813_x1.....gaucggagNcgucgugggaacacggggugccgaacu..... 1
 Gi1_4191858_x1.....ucgugggaacUcggggugccgaac..... 1
 Gi3_28475000_x1.....cguggAaacacggggugccgaa..... 1
 Gi3_28748632_x1.....aggccccgccUguacugcgauccg..... 1
 Gi2_11010028_x1.....gugggaacacCgggugcc..... 1
 Gi1_4376885_x1.....gagacgucgugggaacacggggCgccgaacu..... 1
 Gi2_11280847_x1.....uNggagacgucgugggaacacg..... 1
 Gl1a_6118693_x1.....ggaacGcggggugccgaac..... 1
 Gi3_28664622_x1.....gagaUgcgcccguacggccccgc..... 1
 Gl1a_6052927_x1.....gucaggccccgccaguaGug..... 1

Gi3_28564493_x1.....aucggagacgucgGgggaacacggggugcc..... 1
Gi3_28847478_x1.....aucggagaAgucgugggaacacggggg..... 1
Gi3_28598152_x1.....gucgugggaUcacggggugccgaac..... 1
Gi3_28787252_x1.....cgaucggagacgucgugggaaUacggggg..... 1
Gi3_28860731_x1.....ucggagacgCcgugggaacac..... 1
Gi2_11119991_x1.....gaagcgccguacagcccccgccGgua..... 1
Gi1_4346547_x1.....aNcacggggugccgaacu..... 1
Gi2_11020009_x1.....cggagacgCcgugggaacac..... 1
Gi3_28703389_x1.....aucggagacgucgugggaacaGg..... 1
Gi5_8839052_x1.....agagaagcgccgucaUgccccg..... 1
Gi2_11301114_x1.....gucagggcNcgccaguacug..... 1
G1a_6249945_x1.....Cacgucgugggaacacggggg..... 1
Gi3_28466394_x1.....aucggagacgucgugggaacaGggggugcc..... 1
Gi5_9030074_x1.....caggccccCccaguacugcgauc..... 1
Gi1_4225865_x1.....Agggaacacggggugccgaac..... 1
Gi1_4379998_x1.....cgucagggcccccgccaguGcugcg..... 1
Gi2_11326745_x1.....ucggagacgCcgugggaaca..... 1
Gi1_4357935_x1.....gGgacgucgugggaacacggggg..... 1
Gi1_4188117_x1.....ucggagacguUgugggaacacggggugcc..... 1
Gi5_8891709_x1.....ugcgaucgggagaGgucgug..... 1
G1a_6075533_x1.....gaucggagacgucgugAgaacacggg..... 1
Gi3_28321552_x1.....gagacgucgCgggaacacggggugccg..... 1
Gi2_11020225_x1.....ccccgccCguacugcgau..... 1
Gi3_28935112_x1.....gacgucAugggaaacacggg..... 1
Gi3_28921642_x1.....ucggagacgucgGgggaacacg..... 1
Gi1_4249970_x1.....caggccccAccaguacugcg..... 1
G1a_6339415_x1.....agaagcgcAgucaggccccgc..... 1
Gi3_28563246_x1.....cccgccaguacugcAaucggagac..... 1
Gi2_11103390_x1.....cccUgccaguacugcgauccggag..... 1
Gi5_9075403_x1.....gagacgucgugggaacacggAgugcc..... 1
Gi5_9017207_x1.....ucgugggaacacggggugcAgaac..... 1
Gi3_28694952_x1.....gaagagaagcgccguacaggUcccgcc..... 1
Gi2_11075217_x1.....cgucguggCaacacggggugccgaac..... 1
Gi3_28435930_x1.....gaUgcccguacagcccccgccaguac..... 1
Gi2_11069464_x1.....cgccaguacugcgauUggagacguc..... 1
Gi2_11102839_x1.....gcgauccggagacgucgugggaacaAggggugc..... 1
Gi3_28729509_x1.....gaagcgccgucaCgcccccgccaguac..... 1
Gi2_11187451_x1.....gacgucgugggaacacggAgugccgaacu..... 1
Gi2_11380768_x1.....gagacgAcgugggaacacggggugcc..... 1
Gi2_11036638_x1.....ccgcGaguacugcgauccggag..... 1
Gi1_4338332_x1.....gucgugggaaAacggggug..... 1
Gi2_11347897_x1.....gccaguacugcgaCcgagacguc..... 1
Gi3_28707123_x1.....cgAcaggcccccgccaguacugcgauccg..... 1
Gi3_28329042_x1.....cccgccaAuacugcgauccggagacguc..... 1
Gi5_8906366_x1.....gacgucgugggaacacggggCgccgaac..... 1
Gi3_28405978_x1.....Gcgaucggagacgucgugggaacacggggg..... 1
Gi3_28415277_x1.....caggccAcgccaguacugc..... 1

Gi2_11027353_x1.....uUgugggaacacggggugccgaa..... 1
 Gi3_28950247_x1.....cgugggaacacggggGgccg..... 1
 Gi2_11264759_x1.....ucggagacgAcgugggaacacggggugccg..... 1
 Gi2_11319250_x1.....gaucggagacgucguCgga..... 1
 Gi2_11008909_x1.....ccccgccaguacugcgauCgagacgu..... 1
 Gi2_11026490_x1.....cgaucggagacgucguggggaacaAggg..... 1
 Gi5_9126180_x1.....gugggaacacggggugGcgaacuu..... 1
 Gi3_28326706_x1.....gaAacgucguggggaacacggggugcc..... 1
 Gi2_11052770_x1.....ggagacgucAugggaacacggggugc..... 1
 Gi2_11053387_x1.....agacgucguggggaUcacggggugcc..... 1
 Gi1_4367451_x1.....aucggagacgucguggggaacacggggA..... 1
 Gi3_28662811_x1.....cgugggaacacggggUccgaac..... 1
 Gi3_28741809_x1.....caggUcccgccaguacugcgauCggagac..... 1
 Gi3_28689551_x1.....gccaguacugcgauUggagacgu..... 1
 Gl1a_6142430_x1.....acugcAaucggagacgucgug..... 1
 Gi5_9031315_x1.....cggGgacgucguggggaacacg..... 1
 Gi3_28788641_x1.....cggagacgucgugAgaacacggggugccg..... 1
 Gl1a_6254318_x1.....gugggaacacggggugUcgaac..... 1
 Gi1_4252164_x1.....ggaacacggggugGcgaac..... 1
 Gi3_28292615_x1.....caggccccgccaguacugcgauCgA..... 1
 Gi3_28358968_x1.....cgucguggUaacacggggugccgaacu..... 1
 Gi1_4210203_x1.....cgugggaacacggggugcU..... 1
 Gl1a_6224006_x1.....gucguggggaacacggggugccgaGcu..... 1
 Gi3_28421556_x1.....ucggagacguUgugggaacacggg..... 1
 Gi3_28292608_x1.....cgucagggccccgccUguacug..... 1
 Gi5_9013684_x1.....ggagacguNuggggaaca..... 1
 Gi1_4298564_x1.....aggccccgccaguacugcgauCggaga..... 0
 Gi5_9036365_x1.....gucguggggaacacggggugA..... 1
 Gi2_11075460_x1.....cgugggUacacggggugccga..... 1
 Gl1a_6111989_x1.....caUuacugcgauCggagacguc..... 1
 Gi3_28699517_x1.....gggaacUcggggugccgaac..... 1
 Gi2_11236211_x1.....Ccugggaacacggggugccgaa..... 1
 Gi2_11077021_x1.....cccgccaguacugcgGuc..... 1
 Gi3_28978603_x1.....ucggagacgucguggggaacacggggugccgG..... 1
 Gi3_28657721_x1.....cGcgccaguacugcgauCgga..... 1
 Gi2_11345048_x1.....cgucgugCgaacacggggug..... 1
 Gi5_8964006_x1.....agagaagcgcAgucaggccccg..... 1
 Gi2_11179539_x1.....ucggagacgucguggggaGcacggg..... 1
 Gi5_8975476_x1.....gagaagcgcgucagggccccgcc..... 0
 Gi3_28353639_x1.....agaagcgcgucagggccUcgccagua..... 1
 Gi3_28745167_x1.....Gagcgcgucagggccccgccagua..... 1
 Gl1a_6194097_x1.....aacacgAggugccgaacu..... 1
 Gl1a_6269382_x1.....gacgucguggggaacacggggGgcgaacu..... 1
 Gi1_4192915_x1.....acgucguggggaacacggggugccgaacAu..... 1
 Gi3_28404998_x1.....cUguacugcgauCggagacguc..... 1
 Gi2_11331618_x1.....ucgugggaacacggggGgc..... 1
 Gi1_4311077_x1.....ucgugggaacacggggugccgaacu..... 1

Gi2_11095363_x1.....cggagacguGuggggaacacggggugc..... 1
Gi3_28639240_x1.....aCgggagacgucguggga..... 1
Gi5_8880874_x1.....ugggaacacgggUugccgaa..... 1
Gi3_28632885_x1.....gaagagaagcgcgucAagcccc..... 1
Gi5_8947473_x1.....gugggaacacCgggugccgaacuuu..... 1
G1a_6186308_x1.....Ugugggaacacggggugccgaac..... 1
Gi2_11338220_x1.....gaagcgcgcgAcaggcccc..... 1
Gi3_28742554_x1.....agacgucgugggaaAacggggugccgaacu..... 1
Gi2_11029106_x1.....gagacgucguggUaacacggggugccgaacu..... 1
Gi5_8899486_x1.....ccGcgccaguacugcgauccggagacg..... 1
Gi3_28577609_x1.....ucUggccccgccaguacugcgauccgga..... 1
Gi3_28550286_x1.....ugggaaAacggggugccg..... 1
Gi3_28409597_x1.....cggagacgucgugggaacacggggugccAa..... 1
Gi3_28618036_x1.....cccgccaguaUugcgau..... 1
Gi3_28927046_x1.....cccgccaguacugcgCucggagacgu..... 1
Gi3_28450782_x1.....agaagcgcgcgucagccccgUca..... 1
G1a_6314570_x1.....cgugggaacacggggugccUaacu..... 1
Gi5_9027741_x1.....cgugggaacacgggAugcc..... 1
Gi3_28629968_x1.....cgccgAcaggccccgccagu..... 1
Gi3_28687368_x1.....agAccccgccaguacugcgauccggagacg..... 1
Gi5_8884408_x1.....gggaacacgggUugccgaacu..... 1
Gi2_11220190_x1.....gGcgucagggccccgccaguac..... 1
Gi2_11146724_x1.....cccAgccaguacugcgau..... 1
Gi3_28685726_x1.....ggagacgucgugggaaCcggggu..... 1
Gi2_11226380_x1.....ggUcccgccaguacugcgauccggagacgu..... 1
Gi3_28863564_x1.....Ugaucggagacgucgugg..... 1
Gi5_9115246_x1.....gugggaacacggUgugccga..... 1
Gi3_28927732_x1.....cgucagggccccgccCguacugcgau..... 1
Gi3_28271475_x1.....cAaucggagacgucgugggaaacacggg..... 1
Gi5_8916650_x1.....gggaCcacggggugccgaac..... 1
G1l_4254934_x1.....cgucCggccccgccaguacugc..... 1
G1l_4186063_x1.....agacgucgugggaaacacgggUugccgaacu..... 1
Gi3_28598711_x1.....gccccgccaAuacugcgauccggagacgu..... 1
Gi2_11152408_x1.....ggagacgucgugggaaacacgggA..... 1
Gi5_9064969_x1.....gCcaggccccgccaguac..... 1
Gi5_9128884_x1.....gccccgccaguacCgcgauccgga..... 1
Gi2_11043719_x1.....ccccgccaguacugGgauccggaga..... 1
G1a_6225477_x1.....Agaucggagacgucgugggaa..... 1
Gi3_28498728_x1.....gccccgccagAacugcgau..... 1
G1a_6126796_x1.....aagagaagcgcgucagggccccgccC..... 1
G1l_4324705_x1.....Cugggaacacggggugccga..... 1
Gi3_28382799_x1.....aggccccgccaCuacugcga..... 1
Gi2_11226291_x1.....aggccccgccaguacugcgauccgAa..... 1
G1a_5981328_x1.....aggAccccgccaguacugcg..... 1
Gi2_11008762_x1.....ccccgccaguacugcgauccgA..... 1
Gi3_28766741_x1.....cgCugucagggccccgccaguacugc..... 1
Gi3_28623698_x1.....gcgauUggagacgucguggga..... 1

Gi3_28663692_x1.....gcgaucggCgacgucuggggaaca..... 1
 Gi1_4276891_x1.....caggccUcgccagucugcgau..... 1
 Gi5_9012429_x1.....ugggaacacggUgugccgaac..... 1
 Gi2_11305096_x1.....acugcgauNggagacgucuggggaacacggg..... 1
 Gi2_11167446_x1.....gaucggagacgucuggggaGcacggggugc..... 1
 Gi3_28656476_x1.....agcgccgucagggcccgA..... 1
 Gi3_28915662_x1.....cccUccagucugcgauccgagacgu..... 1
 Gi1_4237513_x1.....gucguUgaacacggggugccgaac..... 1
 Gi4_579186_x1.....gggaacacggggugccgaaGu..... 1
 Gi3_28477362_x1.....uacugUgaucggagacguc..... 1
 Gi3_28786713_x1.....ggagacgucuggggaacacggggugGcg..... 1
 Gi5_9062151_x1.....ugggaacacggggugccgUacuu..... 1
 Gi4_605228_x1.....gugggaacGcggggugccgaa..... 1
 Gl1a_6282046_x1.....cgNcaggccccgccagucg..... 1
 Gi3_28690210_x1.....cgucuggggaacacgCggugccgaacu..... 1
 Gi2_11125166_x1.....cgUucggagacgucuggggaacacg..... 1
 Gi3_28371256_x1.....ugcgauAgagacgucugggga..... 1
 Gi2_11403646_x1.....gugCgaacacggggugccga..... 1
 Gi1_4160998_x1.....cgugggaacacggCgugccgaacu..... 1
 Gi3_28432752_x1.....acugcgauccgagacgCcgug..... 1
 Gi3_28539949_x1.....agagaagcgccgucaggAcccgc..... 1
 Gi5_8831947_x1.....aucggagacgucuggggaacacgC..... 1
 Gi3_28351622_x1.....ccgucUggccccgccagucg..... 1
 Gi3_28433819_x1.....acugcgauGggagacgucgu..... 1
 Gi1_4332788_x1.....gacgucuggggaacacUgggugccgaacu..... 1
 Gl1a_6131602_x1.....Ugugggaacacggggugc..... 1
 Gi5_8896171_x1.....aucggagacguUgugggaacacg..... 1
 Gi3_28398388_x1.....guGgugggaacacggggugccga..... 1
 Gi1_4366079_x1.....Ugacgucuggggaacacggg..... 1
 Gi2_11042777_x1.....ugggaacacgggUugccgaacuu..... 1
 Gl1a_6269202_x1.....cagucugcgauccgCgacguc..... 1
 Gi2_11392425_x1.....aucggagacgucuggggaacacU..... 1
 Gi2_11316558_x1.....cgauccggagaAgucuggggaacacgggg..... 1
 Gi5_8833249_x1.....agacgucuggggaacacggggugcAgaacu..... 1
 Gi1_4313346_x1.....ugggaacacAgggugccgaa..... 1
 Gi2_11310061_x1.....aucggagacgucguCggaac..... 1
 Gi1_4220794_x1.....guacugcgauccgagacgCcgugg..... 1
 Gi4_607288_x1.....gacgucuggggaacacggggugccgaac..... 0
 Gi5_9027177_x1.....cgugggaacCcgggugccg..... 1
 Gi5_9013130_x1.....gaacCcgggugccgaac..... 1
 Gi3_28631735_x1.....Gcgccagucugcgauccgagacgucgu..... 1
 Gi3_28689086_x1.....cgucuggggCacacggggugccgaac..... 1
 Gi3_28757062_x1.....ucaggcccUgccagucugcgga..... 1
 Gi3_28860957_x1.....cgccaAuacugcgauccgagacguc..... 1
 Gi5_9054541_x1.....aucggagacgucgCgggaacacggg..... 1
 Gi2_11361148_x1.....aguacugcgaCcgagacgu..... 1
 Gi2_11063874_x1.....aucggaAacgucuggggaacacggggugcc..... 1

Gi1_4229685_x1.....gaucggagacgAcguggga..... 1
 Gi2_11032363_x1.....aggccccgccaguCcu gcgau cg..... 1
 Gi1_4390068_x1.....guacGgcgaucggagacgucg..... 1
 Gi2_11016746_x1.....Caucggagacgucgugggaacacggggugc..... 1
 Gi3_28598025_x1.....gaagagaagcgcUgucagg..... 1
 Gi2_11145920_x1.....aagagaagcgcgucagggcA..... 1
 Gi2_11205606_x1.....gccaguacugcgau cggAacguc..... 1
 Gi5_8830987_x1.....cgucgugggaacCcggggugccgaa..... 1
 Gi3_28548587_x1.....cgugggaacacggggugccgUa..... 1
 Gi1_4338499_x1.....ucguuccgaa uuaggaagagaagcgcgcguc..... 0
 Gi4_609651_x1.....gGgggaacacggggugccga..... 1
 Gi3_28675423_x1.....caguacugcgaCcgagacgucgug..... 1
 Gi1a_6080009_x1.....gacgucguNggaacacggggg..... 1
 Gi2_11075388_x1.....caggccccgcUaguacugcgau cggA..... 1
 Gi5_9100702_x1.....ugggaacacgggggUccgaa..... 1
 Gi2_11291679_x1.....ggaacacgggggugGcgaac..... 1
 Gi2_11069502_x1.....ggagacgucgugggaacGcggggug..... 1
 Gi1a_6162315_x1.....ucgugggaNcacgggggugccgaa..... 1
 Gi1_4193415_x1.....cggagacgucgugggaacacAggggugc..... 1
 Gi5_9130670_x1.....cgucguAggaacacgggggugc..... 1
 Gi1a_6098618_x1.....cgucaggccccgccagAacugc..... 1
 Gi2_11170324_x1.....gucaggccccgccaguGcu gcgau..... 1
 Gi1_4290435_x1.....Acaggccccgccaguacugcgau c..... 1
 Gi3_28919145_x1.....cccGcaguacugcgau c..... 1
 Gi3_28971012_x1.....gaacacgggggUccgaa..... 1
 Gi3_28870413_x1.....cggagacgucgugggaacacgggggugccgG..... 1
 Gi3_28972590_x1.....cgucaggcccAgccaguacugcg..... 1
 Gi1a_6102016_x1.....gggaacacUgggugccgaa..... 1
 Gi2_11208609_x1.....agaagcgcUgucaggccccgccagu..... 1
 Gi1a_6137885_x1.....ugUgaucggagacgucgugggaacac..... 1
 Gi2_11353305_x1.....ucggagacgucgugggaacacggAgugc..... 1
 Gi2_11251366_x1.....gGacugcgau cggagacgucgug..... 1
 Gi1_4357434_x1.....cgucgugggaUcacgggggugccgaa..... 1
 Gi3_28588491_x1.....cccgccaguacugUgaucggaga..... 1
 Gi3_28519874_x1.....Aagacgucgugggaacacgggggugccgaa..... 1
 Gi5_9035983_x1.....agaagcgcgucagCccccgccaguacugc..... 1
 Gi2_11174346_x1.....cgau cggagaUgucgugggaaca..... 1
 Gi2_11251118_x1.....auUggagacgucgugggaa..... 1
 Gi1_4222540_x1.....cgugggaCcacgggggugccgaa..... 1
 Gi3_28671939_x1.....gUucggagacgucgugggaacacgggggug..... 1
 Gi1_4276778_x1.....cgucgugggGacacgggggugcc..... 1
 Gi2_11385907_x1.....cgucUggccccgccaguacugc..... 1
 Gi1a_6041379_x1.....ccaguacugcgau cggagacgucguA..... 1
 Gi2_11293815_x1.....cgucgugggaaAacgggggugccg..... 1
 Gi3_28422835_x1.....aucggagacgucgugggaacacgggggCgccg..... 1
 Gi3_28550572_x1.....agaagcgcgucUggccccgcc..... 1
 Gi2_11139442_x1.....cgugggaacacgggggugGcga..... 1

Gi3_28752216_x1.....gaucggagacgucgugggaacacgggAug..... 1
 Gi3_28369650_x1.....acgucguggAaacacggggugccgaa..... 1
 Gi2_11229371_x1.....ccUucagggccccgccaguacugcgau..... 1
 Gi2_11405543_x1.....aggccccgccGguacugcgau..... 1
 Gi2_11165980_x1.....cAucgugggaacacggggugccgaa..... 1
 Gi2_11324045_x1.....ugcgauccggaAacgucguggga..... 1
 Gi3_28721373_x1.....ccgucagggccccgccagAacugc..... 1
 Gi3_28388768_x1.....gaucggagacgucgugggCac..... 1
 Gi5_9103810_x1.....agacAucgugggaacacggggugcc..... 1
 Gi2_11006403_x1.....cgugggaaUacggggugccg..... 1
 Gi3_28901595_x1.....ccccgccaguCugcgau..... 1
 Gi3_28898556_x1.....aucgUagacgucgugggaac..... 1
 Gi5_9119523_x1.....acgucgugggaacGcggggugccg..... 1
 Gi2_11342528_x1.....ggccUcgccaguacugcgau..... 1
 Gi5_8838093_x1.....Cgggaacacggggugccgaa..... 1
 Gi5_8946509_x1.....ggaacacggggUccgaa..... 1
 Gi1_4196698_x1.....aucggagacgucgugggaacGcgggg..... 1
 Gi3_28295354_x1.....cgugggaacacgggUugccg..... 1
 Gi2_11049566_x1.....ggagGcgucgugggaacacggggugccga..... 1
 Gi5_8961656_x1.....cgAcgugggaacacggggugccgaa..... 1
 Gi3_28921419_x1.....ccccgccaguacCcgauccggagacgu..... 1
 Gi1_4360571_x1.....ccgccaguacugcgauccgCga..... 1
 Gi2_11245393_x1.....ucguuccgaaauaggaagagaagcgccg..... 0
 Gi1_4285166_x1.....agagaagcgccgucagggccccgcaU..... 1
 G1a_6017559_x1.....gaucgAagacgucgugggaacacgggg..... 1
 Gi5_8939637_x1.....ugcgauccggagacguUgug..... 1
 Gi1_4377172_x1.....ggagacgucgugggaacacgAggugcc..... 1
 Gi3_28475834_x1.....agacgucgugggCacacgggg..... 1
 Gi4_580276_x1.....gugggaacaUggggugccgaa..... 1
 Gi3_28435810_x1.....agaagcgccgucagggccccgCgua..... 1
 Gi2_11244928_x1.....agagaagcgccgucagggccccUgcc..... 1
 Gi5_8912821_x1.....gacgucgugggaacacggggugccgCcu..... 1
 Gi3_28529042_x1.....cggagacgucgugggaacacggggugGc..... 1
 Gi3_28320490_x1.....aggccccgccGguacugcgauccggagac..... 1
 Gi3_28461139_x1.....agaAaagcgccgucagggccccg..... 1
 G1a_6110499_x1.....ggagacguUgugggaacacg..... 1
 Gi3_28796614_x1.....gagaagcgccgucagggccccgUg..... 1
 Gi2_11181008_x1.....gaucUgagacgucgugggaacacggg..... 1
 Gi2_11143291_x1.....cgucagggccccgccaguCc..... 1
 G1a_6121275_x1.....aguacugcgauccggagacgucgA..... 1
 Gi3_28819728_x1.....gagacgucgugggaacGc..... 1
 Gi3_28713031_x1.....ccCccaguacugcgauccggagac..... 1
 Gi2_11365037_x1.....ccccgccaguacuAcgauccg..... 1
 Gi5_8908142_x1.....ggaacacggggugUcgaac..... 1
 Gi3_28413710_x1.....gaagagaagUgccgucagggccccgcc..... 1
 Gi3_28414930_x1.....Ugccccgccaguacugcgauccggagacg..... 1
 Gi2_11137711_x1.....aucggagacgucgugggaaGac..... 1

Gi2_11199990_x1.....agagaagcgccgucGggccccgcc..... 1
 Gi3_28392316_x1.....cguuccgaauaCgaagagaagcgcc..... 1
 Gi4_605729_x1.....agccccgccaguacugcgau..... 0
 Gi1_4383907_x1.....Gcggaucggagacgucgugggaaacacg..... 1
 Gi3_28704814_x1.....cgccaguacugcgGucggaga..... 1
 Gi2_11330793_x1.....gagacgucgugggaaGacggggugccg..... 1
 Gi5_8915270_x1.....cgaucggagacguUgugggaaacacggg..... 1
 Gi5_9046288_x1.....ccccccagNacugcgaucgga..... 1
 Gi3_28750269_x1.....agagaagcgccgucagggccAgcc..... 1
 Gi5_8923124_x1.....aggccccgAcaguacugc..... 1
 Gi3_28285221_x1.....aucggagacgucgugggaaacacggggugcG..... 1
 Gl1a_6091093_x1.....ccccccaguacugUgaucggagacguc..... 1
 Gl1a_6037056_x1.....ugcgaucggagacguUgug..... 1
 Gi3_28393193_x1.....cuUguuccgaauuaggaaga..... 1
 Gi1_4239348_x1.....ugggaUcacggggugccg..... 1
 Gi2_11282392_x1.....Cacgucgugggaaacacggggugccg..... 1
 Gi2_11399145_x1.....Cgggaacacggggugccgaa..... 1
 Gi3_28818665_x1.....gaucggUgacgucgugggaaacacg..... 1
 Gi3_28921663_x1.....ucguuccgaauaCgaagagaagcgcc..... 1
 Gi3_28370420_x1.....ccgUcaguacugcgaucgg..... 1
 Gi2_11048847_x1.....gagGcgucgugggaaacacggggugccg..... 1
 Gl1a_6283508_x1.....Accaguacugcgaucggagacgucgug..... 1
 Gl1a_6094550_x1.....ggagacgucgugggaaGcacg..... 1
 Gi1_4364968_x1.....aagagaagcgccgucaCgccccgccagu..... 1
 Gi3_28517196_x1.....aucNgagacgucgugggaaacacgg..... 1
 Gi5_9017717_x1.....cgucgugggaaCcacggggugccga..... 1
 Gi2_11037002_x1.....agagaGggcccgucaggg..... 1
 Gi2_11371641_x1.....cgucgugggGacacggggugccgaa..... 1
 Gl1a_6160552_x1.....ccccccaguacugcgaucgga..... 0
 Gi2_11271427_x1.....gucaggccccgccaguacuAcg..... 1
 Gi5_8969411_x1.....gggaUcacggggugccgaacu..... 1
 Gi3_28948788_x1.....agUccccgccaguacugcgaucg..... 1
 Gl1a_6321199_x1.....cGggccccgccaguacugc..... 1
 Gi3_28985650_x1.....agacgucgNggaaacacggggg..... 1
 Gi5_8959012_x1.....gucgugggaaacacggggugAcgaac..... 1
 Gl1a_5999316_x1.....ggagacgucCgggaacacggggugcc..... 1
 Gi1_4372300_x1.....ugggaUcacggggugccga..... 1
 Gi4_610217_x1.....cUugggaaacacggggugccgaac..... 1
 Gl1a_6315857_x1.....guAaggccccgccaguacu..... 1
 Gi3_28376955_x1.....cgucaggccccgccaguaAugcg..... 1
 Gi5_8964019_x1.....ggccccgccaguacugUgaucgga..... 1
 Gi1_4223267_x1.....cggaucggagacgCcgugggaaaca..... 1
 Gi3_28575895_x1.....gaucggagacUucgugggaaac..... 1
 Gi5_9006742_x1.....cNggccccgccaguacugcg..... 1
 Gi5_9124927_x1.....cgaauuaggaagagaagcgccgucagg..... 0
 Gi2_11226407_x1.....guNggaaacacggggugccga..... 1
 Gi2_11297207_x1.....gaucggagacgucgugGaaacacggggug..... 1

Gi3_28508006_x1.....gaucUgagacgucgugggaacac..... 1
 Gi2_11151208_x1.....cggagacgNcgugggaacacg..... 1
 Gi2_11020679_x1.....ccccgccaguacugcgauUgag..... 1
 Gi3_28978457_x1.....gacgucgugggaacGcggggu..... 1
 Gi1_4243808_x1.....gaucggCgacgucgugggaacacg..... 1
 Gi3_28273803_x1.....gUcaguacugcgauUcgaggagacgu..... 1
 Gl1_6131419_x1.....gaCgcgccgucagccccccagucg..... 1
 Gi3_28459399_x1.....ccccgccaguacugUgauUcgagg..... 1
 Gi5_8930543_x1.....ucggagacgucAuggggaacacg..... 1
 Gi2_11389890_x1.....aggccccGcaguacugcgau..... 1
 Gl1_5981512_x1.....acgucgugggCacacggggugccgaacu..... 1
 Gi2_11277224_x1.....aggccccUcaguacugc..... 1
 Gi3_28694818_x1.....aagagaagcgccgucagggcccAccagu..... 1
 Gi2_11121382_x1.....Nucggagacgucgugggaacac..... 1
 Gi2_11044150_x1.....ccccgccagGacugcgau..... 1
 Gi1_4257003_x1.....Ugagacgucgugggaacacggggugccga..... 1
 Gi2_11008729_x1.....ccgucagggccccccagucCgc..... 1
 Gl1_6104556_x1.....acgucAuggggaacacggggu..... 1
 Gi5_9031246_x1.....gaucggagacgucgugggaAacgg..... 1
 Gi5_8841979_x1.....Cgagaagcgccgucagggccccgc..... 1
 Gi2_11119190_x1.....Ugucgugggaacacggggug..... 1
 Gi1_4344108_x1.....aucggagacgucgugggaUacg..... 1
 Gi3_28549399_x1.....aggccUcgccaguacugcgauUcgaggagacg..... 1
 Gi3_28508231_x1.....gcgauUcgaggagacgucgugggaacacggggG..... 1
 Gi3_28607831_x1.....cagggccccccagucugcgauUcgaggCgacgu..... 1
 Gi3_28631064_x1.....ucagggccccGcaguacugcgauUcgagg..... 1
 Gi2_11286877_x1.....cgauUcgaggagacgucgugggaacacggA..... 1
 Gi3_28651731_x1.....aUuacugcgauUcgaggagac..... 1
 Gi1_4235221_x1.....ggaacacggggugGcgaacu..... 1
 Gi3_28594036_x1.....ccccgccGguacugcgauUcgagg..... 1
 Gi2_10992610_x1.....acugcgauUaggagacgucgu..... 1
 Gl1_6341711_x1.....aguacugcgauUggagacguc..... 1
 Gi3_28274095_x1.....gaacacggggugccgaaAuu..... 1
 Gl1_6043602_x1.....agagaagcgccgucagggccccccGgu..... 1
 Gi3_28375273_x1.....cggagacgucgugggaacaUggggugccgaacu..... 1
 Gi1_4224752_x1.....acgucgugAgaacacggggugccgaacu..... 1
 Gi1_4300858_x1.....gugggGacacggggugccgaac..... 1
 Gi3_28816403_x1.....acgucAuggggaacacggggugccga..... 1
 Gi1_4223234_x1.....cgucUugggaacacggggugcc..... 1
 Gi2_11049593_x1.....gaucggagacgucgugggaacUcgg..... 1
 Gl1_6029049_x1.....caguacGgcgauUcgaggagac..... 1
 Gi3_28610890_x1.....gacgucAuggggaacacggggugccgaa..... 1
 Gl1_6203043_x1.....cggagacgucgugggaAacggg..... 1
 Gi3_28339001_x1.....gaucggagacgGcuggggaacac..... 1
 Gi2_11273926_x1.....ccccccagucugcgauUggagacguc..... 1
 Gi1_4354330_x1.....aagagaagcgccgucagggccccgcc..... 0
 Gi3_28371252_x1.....agaagcgccgucAagcccc..... 1

Gi3_28876738_x1.....gccaguaAugcgauccggagacgu..... 1
 Gl1_6104028_x1.....gaucggagacAucguggg..... 1
 Gi2_11024395_x1.....Acgaucggagacgucgugggaacac..... 1
 Gl1_6281835_x1.....aucggagacgucgugCga..... 1
 Gi3_28423790_x1.....aagagaagcgcccgucagAcccc..... 1
 Gi2_11185362_x1.....Uucaggccccgccaguacugcgauccggagac..... 1
 Gl1_6268801_x1.....gaagcgccgucagccccccagCacugc..... 1
 Gl1_6243397_x1.....Cccccgccaguacugcgauccggagacg..... 1
 Gi3_28436974_x1.....gaagagaagcgcccgucagggccccgCA..... 1
 Gi2_11097887_x1.....agacUucgugggaacacggggugc..... 1
 Gi3_28279921_x1.....gaacacCgggugccgaac..... 1
 Gl1_4298864_x1.....cggagacgucgugggaacCcggggugc..... 1
 Gl1_6104700_x1.....gucgugggaacCcggggugccgaac..... 1
 Gi3_28342228_x1.....aucggagacgucgugggaacacUgggu..... 1
 Gl1_4375876_x1.....Cucggagacgucgugggaacacg..... 1
 Gi3_28632653_x1.....gUagagaagcgcccgucaggg..... 1
 Gi5_9009015_x1.....gucagggccccgccaguacugc..... 0
 Gi5_8914257_x1.....uCcgauccggagacgucguggg..... 1
 Gi5_9092751_x1.....cgucguAggaacacggggugccgaac..... 1
 Gi5_8956715_x1.....Nugggaacacggggugccgaac..... 1
 Gi3_28673294_x1.....agaagAgccgucagggccccgc..... 1
 Gi2_11167879_x1.....gaucggagacgucgugUgaacacggggugcc..... 1
 Gi2_11140011_x1.....cgccaguacugcUaucggagacgu..... 1
 Gi3_28589586_x1.....gccccgccaguacugcgGucggagacgucg..... 1
 Gi5_8867493_x1.....uacugcgauccggagGcgu..... 1
 Gi3_28527664_x1.....agagaagcgcccgucCggccccgcca..... 1
 Gi2_11117033_x1.....aucggagacgucguggAaaca..... 1
 Gl1_6230798_x1.....guacugGgauccggagacguc..... 1
 Gi2_11091995_x1.....Acccgccaguacugcgauccgg..... 1
 Gi1_4202512_x1.....Ggacgucgugggaacacggggugccgaac..... 1
 Gl1_4294471_x1.....ugggaacaUggggugccga..... 1
 Gi3_28412507_x1.....agggCccgccaguacugcgauccggagacguc..... 1
 Gi3_28701827_x1.....ccccgccaguacugcCaucggagacgucg..... 1
 Gi3_28674117_x1.....gagacgCcgugggaacacggggugccgaac..... 1
 Gi3_28710539_x1.....cggagacgucAuggggaacacgggg..... 1
 Gl1_4273652_x1.....acgucgugggaacacggggAgcc..... 1
 Gi3_28450378_x1.....cgauccggagacgucgugggaacacAgg..... 1
 Gi2_11256030_x1.....agggccccccaguacugcgauccggGgacgu..... 1
 Gl1_4215512_x1.....agacgucgugggGacacggggug..... 1
 Gl1_6314687_x1.....gugggaacacggggugcUgaa..... 1
 Gl1_6280823_x1.....Nucggagacgucguggga..... 1
 Gi5_9019521_x1.....ugggaacacggggugcUgaa..... 1
 Gi5_8899024_x1.....ccccgccaguacugcgauccgg..... 0
 Gi2_11190848_x1.....guUaggccccccaguacug..... 1
 Gi2_11313282_x1.....cgucgugggaacacgggCugccgaacu..... 1
 Gi3_28283261_x1.....ucagggccccgccUguacugc..... 1
 Gi2_11223598_x1.....gaUgagaagcgcccgucagggccccg..... 1

Gi3_28528696_x1.....ucguuccgaauuaggaag.....	0
Gi3_28314915_x1.....ucgugggCacacggggugc.....	1
Gi5_8995737_x1.....Cccaguacugcgauccggagacguc.....	1
Gi4_613922_x1.....gccaguacugcgauccggGgacguc.....	1
Gi4_611497_x1.....ucaggccccgccGguacugcg.....	1
Gi3_28654062_x1.....ggNcccgccaguacugcgau.....	1
Gl1a_6350803_x1.....aucggagacgucAugggaa.....	1
Gi3_28766818_x1.....aucggagacgucgugggU.....	1
Gi1_4294798_x1.....Gggccccgccaguacugcgauccggagacgu.....	1
Gi5_9094801_x1.....gagacgucgCgggaacacggggugccgaacu.....	1
Gi3_28311568_x1.....ucggagacgucgugggaacacggggGgcc.....	1
Gi2_11354600_x1.....ggcccAgccaguacugcgau.....	1
Gi3_28977401_x1.....gacgucgugggaacCcggggugccgaacu.....	1
Gi3_28867806_x1.....agagaagcgcUgucaggccccgcca.....	1
Gi2_11133825_x1.....cguggCaacacggggugccgaac.....	1
Gi2_11184580_x1.....aucGcagacgucgugggaacacggggug.....	1
Gi5_9080062_x1.....cgAgggaacacggggugccg.....	1
Gi2_11393983_x1.....acugcgauccggagGcgucgugggaaca.....	1
Gi3_28504909_x1.....ccGguacugcgauccggagacgucgug.....	1
Gi2_11102524_x1.....gaucggagacgucgugggaacacgggUu.....	1
Gl1a_6079822_x1.....gucaggccccgccaguGcugcga.....	1
Gi3_28659719_x1.....cGggccccgccaguacugcgauccggagacgu.....	1
Gi3_28867046_x1.....Ugccccgccaguacugcgauccggagacguc.....	1
Gi3_28519424_x1.....gacgucgugggGacacggggU.....	1
Gi3_28429624_x1.....gacgucgugggaacacggggugAcgaac.....	1
Gi1_4251505_x1.....gaacacggggugcGgaacuu.....	1
Gi3_28799706_x1.....caguacugcgauccggagGcgu.....	1
Gi3_28853315_x1.....gaucggagaUgucgugggaacacggg.....	1
Gi3_28650155_x1.....gggNacacggggugccga.....	1
Gi1_4183875_x1.....gugggaacacggggugccgUac.....	1
Gi1_4245823_x1.....agacgucgugggaacacggggugccgaa.....	0
Gi1_4314101_x1.....cgucgugggaacacggggugccCaac.....	1
Gi2_11242122_x1.....cccgccaguacugcgauccgAag.....	1
Gi3_28413707_x1.....gacguUgugggaacacggggU.....	1
Gi3_28292654_x1.....cgugggaacacggggugccgaU.....	1
Gi1_4164647_x1.....agaagcgccgucaggccccgccaguac.....	0
Gl1a_6313976_x1.....aucggagacgucgugggaacacggggugccga.....	0
Gi2_11008785_x1.....aucNgagacgucgugggaacac.....	1
Gl1a_6000882_x1.....gaacacggNgugccgaac.....	1
Gi3_28968383_x1.....uacugcgaAcggagacguc.....	1
Gi1_4357332_x1.....ucggagGcgucgugggaacacggg.....	1
Gi2_10994639_x1.....cccgccCguacugcgauccggagacguc.....	1
Gi4_578422_x1.....ucgugggaacacggggugccUaacu.....	1
Gl1a_6118201_x1.....gaucggagacgucgugggCacacg.....	1
Gi4_595780_x1.....gugggaacNcggggugccgaa.....	1
Gl1a_6251213_x1.....aggccccgccaguacAgcg.....	1
Gi3_28768230_x1.....aucggagacgucgugggaUac.....	1

Gi2_11370912_x1.....gCcgucgugggaacacggggugc..... 1
Gi5_9100497_x1.....gugggUacacggggugccgaa..... 1
Gi2_11378852_x1.....Ggagaagcgccgucagggcccccagcaguc..... 1
Gi1_4198265_x1.....ggaacacggggugUcgaac..... 1
Gi4_598044_x1.....acgucgugggGacacggggugccgaac..... 1
Gi2_11348922_x1.....aguacugcAaucggagacgu..... 1
Gi2_11371330_x1.....cgcUaguacugcgaucggagacgucgug..... 1
Gi3_28298559_x1.....gggaaAacggggugccga..... 1
Gi1_4275166_x1.....cgccaguacugcAaucggaga..... 1
Gi2_11394312_x1.....Cucgugggaacacggggg..... 1
Gi1_4351635_x1.....guUgugggaacacggggugccgaac..... 1
Gi5_8833892_x1.....cgugggaacacgAggugccga..... 1
Gi5_8967416_x1.....gugggaacacgggAugccgaacuu..... 1
Gi1_4186002_x1.....cggagacgucgugggaacacggggAgcc..... 1
Gi3_28463868_x1.....gaagagaaAcgccgucaggc..... 1
Gi3_28959840_x1.....ccgccaguacugUgaucggagacgu..... 1
Gi3_28790512_x1.....aucggagacgGcugugggaacacg..... 1
Gi2_11400637_x1.....cgucagggccccCccaguacugc..... 1
Gi3_28911306_x1.....ucguAgggaacacggggugccga..... 1
Gi3_28864586_x1.....gaagcgccgucCggccccccaguc..... 1
Gi1_4235144_x1.....gaucggagacgucguAggaacac..... 1
Gi3_28308658_x1.....cgccaguacugcgaucggaAacgucg..... 1
G1a_6093678_x1.....Cagaagcgccgucagggccccgcca..... 1
Gi2_11304067_x1.....gucgugggaacUcggggugccgaacu..... 1
Gi3_28712542_x1.....Uggagacgucgugggaacacggggg..... 1
Gi2_11250300_x1.....cUccgccaguacugcgaucggag..... 1
Gi2_11158027_x1.....Nggaacacggggugccgaacu..... 1
Gi5_8834775_x1.....cccgccUguacugcgaucggagacgu..... 1
Gi2_11292405_x1.....gccccGcaguacugcgauc..... 1
Gi3_28793693_x1.....gaucggagacgucgugggaacacggAgugcc..... 1
Gi2_11133397_x1.....gAgacgucgugggaacacggggg..... 1
Gi4_583246_x1.....uGggagacgucgugggaacacggggugccg..... 1
Gi5_9049121_x1.....gaGcggagacgucgugggaacac..... 1
Gi5_9029227_x1.....gUagcgccgucagggccccccaguc..... 1
G1a_6164039_x1.....ucggagacgucAugggaacacgg..... 1
Gi5_8831297_x1.....gccaguacugcgaucggagacgCc..... 1
Gi3_28859606_x1.....uacugcgaucggaAacguc..... 1
Gi3_28391161_x1.....gaucggagacgucgugggaacacgAggugc..... 1
Gi2_11071102_x1.....ggagacgucgugggaacacggggugccgaaU..... 1
Gi2_11320433_x1.....ggagacgucgugUgaacacggggugcc..... 1
Gi1_4311510_x1.....cggagacgucgugggaacacggggUacc..... 1
Gi2_11277633_x1.....gacgGcugugggaacacggggugc..... 1
Gi2_11381760_x1.....cccgccaguacuAcgauc..... 1
Gi2_11191537_x1.....Agagacgucgugggaacac..... 1
Gi1_4203608_x1.....cgucagggccAcgccaguacugcg..... 1
Gi3_28899099_x1.....agacguAgugggaacacggggugcc..... 1
Gi2_11342982_x1.....aguacugcgaucggGgacgucgug..... 1

Gi3_28748776_x1.....gucgugggaaAacggggugcc..... 1
G1a_5985157_x1.....Naucggagacgucgugggaacacggg..... 1
Gi1_4182306_x1.....Aaucggagacgucgugggaacac..... 1
Gi2_11005485_x1.....ggagacgucguggAaacac..... 1
G1a_6147578_x1.....Aaucggagacgucguggga..... 1
G1a_6041909_x1.....Uaguacugcgauccggagacgucg..... 1
Gi5_8951561_x1.....ucgUagacgucgugggaacacg..... 1
G1a_6313105_x1.....aggccccgccaguacugcgGc..... 1
Gi3_28353060_x1.....ucaAgccccgccaguacugcg..... 1
G1a_6077978_x1.....gucaggccccgccaguCcugcga..... 1
Gi3_28365144_x1.....agaagcgcNgcagggccccgc..... 1
Gi2_11332208_x1.....aucggagacgucgugggaacacgggCugc..... 1
G1a_6226971_x1.....aucggagacAucgugggaacacg..... 1
Gi5_8943999_x1.....gucaggccccgccCguac..... 1
Gi5_9067664_x1.....gugggaacacgAggugccgaa..... 1
Gi5_8996387_x1.....ccccgccaguacugcgauccggagUcg..... 1
Gi2_11044495_x1.....gGcaguacugcgauccggagacgu..... 1
Gi3_28820825_x1.....cggagacgucgugggaGcacggggug..... 1
Gi3_28382234_x1.....aagcgccgucCggccccgccagua..... 1
Gi3_28695850_x1.....agGacugcgauccggagacg..... 1
Gi3_28648741_x1.....ucgugggaacacgUggugccgaacu..... 1
Gi3_28817209_x1.....cgucgugggaacacgAggugccga..... 1
Gi2_11365090_x1.....aucggagaUgucgugggaaca..... 1
Gi5_8837114_x1.....ucgugggaaUacggggugcc..... 1
Gi3_28714802_x1.....ucgugUgaacacggggugc..... 1
G1a_6025430_x1.....gucaggccccgccaguacugcAa..... 1
Gi3_28428087_x1.....ccccgccaguacugUgaucggagacguc..... 1
Gi2_11017531_x1.....cucguuccgaauaUgaaga..... 1
Gi3_28608928_x1.....gccccgUcaguacugcgaucc..... 1
Gi2_11173143_x1.....aggccccgccaguacugcgauccggagC..... 1
Gi5_9090919_x1.....aagGgaagcgccgucaggcccc..... 1
Gi2_11245856_x1.....aAagaagcgccgucaggcccc..... 1
Gi5_8900742_x1.....Ncugcugugggaacacggggugccgaacu..... 1
Gi5_8976438_x1.....aucggagacgucCugggaaca..... 1
G1a_6278792_x1.....gaucggagacgCcgugggaa..... 1
Gi3_28754206_x1.....cggagacgNcugugggaacacggggugccgaa..... 1
Gi3_28354559_x1.....gUgccgucaggccccgccaguacugcg..... 1
Gi2_11311733_x1.....ugcgauccggagacgucgugggC..... 1
Gi2_11406260_x1.....aCgggagacgucgugggaaac..... 1
Gi2_11133999_x1.....Ucgccaguacugcgauccggag..... 1
Gi1_4234315_x1.....auAggagacgucgugggaacacggggugcc..... 1
Gi2_11192099_x1.....gaucggagaAgucgugggaacac..... 1
Gi5_9072141_x1.....guggAaacacggggugccgaa..... 1
Gi5_9037618_x1.....aGgagaagcgccgucaggcccc..... 1
Gi1_4253692_x1.....Agagacgucgugggaacacggggugccg..... 1
Gi3_28581205_x1.....gucaggcccUgccaguacugc..... 1
Gi3_28619953_x1.....ugggaacacUgggugccgaa..... 1

Gi3_28837297_x1.....caguacugcgauccggagacgGcgug..... 1
Gi1_4386832_x1.....cgugggaacacgUgugccgaacu..... 1
Gi3_28452377_x1.....gNgggaacacgggugccgaac..... 1
Gi1_4246617_x1.....cgugggaacacgggugAcga..... 1
Gi1_4385604_x1.....cgucgugggaacacgggugccgU..... 1
Gi2_11240038_x1.....Uguacugcgauccggagacguc..... 1
Gi1_4262660_x1.....agacgucgugggaacacggggCgccgaac..... 1
Gi1_4188867_x1.....agcgcgucagggccccgccaguacugcg..... 0
Gi1_4228819_x1.....ggagacgucgugggCacacggggu..... 1
Gi1_4212416_x1.....cgugggaaUacggggugccga..... 1
Gi2_11313963_x1.....gacgucgugggaacacgggAugccg..... 1
Gi5_8866937_x1.....gggaacacgAggugccgaa..... 1
Gi1_4286327_x1.....ccgucaAgccccgccaguacugcgauccga..... 1
Gi5_8918321_x1.....gGagcgcgucagggccccgccaguacugc..... 1
Gi3_28293933_x1.....aagagaagcgccgucagggccccgccUgua..... 1
G1a_6130100_x1.....aagagaagcgUgucagggcccc..... 1
Gi2_11258788_x1.....cgucgugggaacUcggggugccgaacu..... 1
Gi3_28422479_x1.....agagaagcgccgucaAgc..... 1
Gi3_28780966_x1.....ccgccaguacugcgCucgg..... 1
Gi2_11102190_x1.....ccGguacugcgauccggagacguc..... 1
Gi5_9091257_x1.....cccgccaguacugcgauccggUgacgu..... 1
Gi3_28332919_x1.....aucggagacgucgugCgaacacggg..... 1
Gi2_11132982_x1.....aAagaagcgccgucagggccccgcc..... 1
Gi3_28527389_x1.....Uguacugcgauccggagacgu..... 1
Gi3_28617194_x1.....ggccUcgccaguacugcga..... 1
Gi2_11383106_x1.....uGggagacgucgugggaacacgggg..... 1
Gi1_4303385_x1.....cggagacguUgugggaacacggggugc..... 1
Gi3_28932995_x1.....caguacugAgaucggagacgucgug..... 1
Gi3_28372447_x1.....gaucUgagacgucguggga..... 1
G1a_6193544_x1.....guacugcgauccggagacguA..... 1
Gi2_11313772_x1.....ugggaacacggggAgccga..... 1
Gi2_11284172_x1.....cgugggaacacgAggugccgaa..... 1
Gi5_9014635_x1.....cgucgugggaCcaccgggugcc..... 1
Gi3_28841173_x1.....ucaggAcccgccaguacugcgauccggagacg..... 1
G1a_6087841_x1.....guUggaacacggggugccga..... 1
Gi3_28562907_x1.....Ucugcugugggaacacggggugccg..... 1
Gi3_28332733_x1.....cggagacgucgugggaacGcggggugccgaac..... 1
Gi1_4257220_x1.....Gcugugggaacacggggugccgaa..... 1
G1a_6126213_x1.....gaagcgcgucagggccccgccG..... 1
Gi2_11247658_x1.....cgauccggGgacgucgugggaacacggggug..... 1
Gi3_28703816_x1.....ccccgccaguacugcgCucggag..... 1
Gi5_8868955_x1.....gGccccccaguacugcgauccga..... 1
Gi5_8977776_x1.....caggccccgccaguacuAcg..... 1
Gi5_9019608_x1.....cgucgugggaGcacggggugccga..... 1
Gi3_28450276_x1.....ggaacacUgggugccgaacu..... 1
Gi1_4182649_x1.....ucaggccUcgccaguacugcgauccga..... 1
Gi2_11061458_x1.....gagacgucgugggaacacgggAugccg..... 1

Gi1_4210685_x1.....cgCcgugggaaacacggggugccgaa..... 1
 Gi2_11203010_x1.....cgAcgugggaaacacggggugccgaa..... 1
 Gi5_9035156_x1.....cacggggugccgaGcuuu..... 1
 Gi3_28282645_x1.....gugggaacacggggugcG..... 1
 Gi5_9065787_x1.....gugggaacacgCGugccgaac..... 1
 Gi2_11134152_x1.....uacugcgauUggagacgucgug..... 1
 Gi2_11392978_x1.....cgucaggGcccgccaguacugcg..... 1
 Gi3_28958287_x1.....cccUgccaguacugcgauccgga..... 1
 Gi3_28341878_x1.....cguggUaacacggggugc..... 1
 Gi3_28626639_x1.....acgucgugggaacacggggugccgUac..... 1
 Gi3_28450240_x1.....uUgugggaacacggggug..... 1
 Gi2_11398396_x1.....cgucgugggaacacgggAugccg..... 1
 Gi3_28944682_x1.....gucgugggaacacgggAgccga..... 1
 Gi3_28481728_x1.....gucgugggaaAacggggugccg..... 1
 Gi3_28417433_x1.....gaagagaagcgccgucaggAcc..... 1
 Gl1_6090508_x1.....caggccccgccaguacugcgA..... 1
 Gi2_11315279_x1.....acugcgauccggaUacgucgu..... 1
 Gi2_11102367_x1.cUuaacucguuccgaau..... 1
 Gi5_8873805_x1.....gggaacacggggugUcgaac..... 1
 Gi1_4356730_x1.....ucgugggaacacggggugccgGac..... 1
 Gi3_28445335_x1.....aggccccgccaguacugcgauAgg..... 1
 Gi3_28840240_x1.....ugggaaNacggggugccgaacu..... 1
 Gi3_28328234_x1.....gccaguacugcgauccgagacAucgu..... 1
 Gi2_10995911_x1.....gggaacaGggggugccgaa..... 1
 Gi2_11177254_x1.....gaagGgaagcgccgucaggcccc..... 1
 Gi5_8879984_x1.....ugggaacacggggugccCaa..... 1
 Gi2_11109319_x1.....Aaggccccgccaguacugcgau..... 1
 Gi5_8912359_x1.....gagacgucguggUacacg..... 1
 Gi3_28722129_x1.....cgucgugggaacaUggggugccg..... 1
 Gi3_28839284_x1.....ucaggccccccaAuacugcgauccg..... 1
 Gi5_8938603_x1.....acgucgCgggaacacggggugccga..... 1
 Gi2_11366789_x1.....ggccccgcUaguacugcgauccgagacgu..... 1
 Gi3_28620541_x1.....gauNggagacgucgugggaacacggggu..... 1
 Gi5_8901796_x1.....aUgcgaucggagacgucgug..... 1
 Gi3_28739792_x1.....ccguUaggccccgccaguacugc..... 1
 Gi5_9058748_x1.....cacgggGccgaacu..... 1
 Gi3_28701033_x1.....ucgugggaacacggggUacc..... 1
 Gi5_9050265_x1.....ugcgaucggagacgucgugggaacaUggg..... 1
 Gi3_28904027_x1.....gccUcgccaguacugcgauccgagacgucg..... 1
 Gi5_8849458_x1.....gugggaacacgggUugccgaac..... 1
 Gi3_28313606_x1.....gaagagaagcgccgucGggccccccag..... 1
 Gi3_28373583_x1.....ucagAccccgccaguacugcgauccg..... 1
 Gl1_6086071_x1.....ggUgacgucgugggaacac..... 1
 Gi5_9057956_x1.....Ucgucgugggaacacggggugcc..... 1
 Gi3_28473154_x1.....cgauAggagacgucgugggaacacggggu..... 1
 Gi2_11190543_x1.....gaacacggggUccgaac..... 1
 Gi3_28279368_x1.....uaacucguuccgaauaUgaagagaagcgc..... 1

Gi3_28277154_x1.....acucguuccgaauuaggaCg..... 1
 Gi2_11145697_x1.....aacucguuccgaauuagga..... 0
 Gi3_28401226_x1.....cccgccaguacugcgauccggagCcg..... 1
 Gi3_28982643_x1.....aucggagacUucgugggaacacggggu..... 1
 Gi3_28267101_x1.....agGacugcgauccggagacgucgu..... 1
 Gi3_28727672_x1.....gaagagaagcgccgCcagggcccgcc..... 1
 Gi3_28283685_x1.....aagagaagcgccgucagggUccgcccag..... 1
 G1a_6163356_x1.....cgccCguacugcgauccggagacguc..... 1
 Gi1_4223681_x1.....gaacacggggAgccgaac..... 1
 Gi2_10996195_x1.....cgucguUggaacacggggugccgaacu..... 1
 Gi3_28890027_x1.....ggagacgucguggCaacacggggugcc..... 1
 G1a_6302958_x1.....ggccccgccaguacugcgGuc..... 1
 Gi2_11197148_x1.....aguGcugcgauccggagacgucg..... 1
 Gi4_581098_x1.....ccaguacugcgauccggagacguc..... 0
 Gi2_11159141_x1.....gucgugggaacacggggugccUaacu..... 1
 Gi2_11405881_x1.....cAaucggagacgucgugggaaca..... 1
 Gi2_11115435_x1.....gcUgucagggccccgccaguacugc..... 1
 G1a_6189167_x1.....Aggaacacggggugccgaac..... 1
 Gi5_8979669_x1.....cAugggaacacggggugcc..... 1
 Gi5_8993333_x1.....ugcgGucggagacgucgug..... 1
 Gi5_8885665_x1.....Cagaagcgccgucagggccccgccaguacu..... 1
 Gi3_28325586_x1.....agcgccgucagggccccCccagu..... 1
 Gi3_28882532_x1.....cccNccaguacugcgauccggagacguc..... 1
 Gi3_28275674_x1.....caggccccUccaguacugcgaucc..... 1
 Gi3_28682112_x1.....ccaguacugcgauccggagacgu..... 0
 Gi1_4220805_x1.....caggccccgccaguacugcgauAggagacg..... 1
 Gi3_28602142_x1.....cggagacgucgugggaacacCgggu..... 1
 Gi5_8847081_x1.....aucggagacgucgugggaacacAgggugcc..... 1
 Gi1_4165348_x1.....ucagUccccgccaguacugcg..... 1
 Gi3_28362450_x1.....ccgccaguacugcgauccggagacgCcg..... 1
 Gi3_28768269_x1.....gcgauccggagCcgucgugggaacacggg..... 1
 Gi2_11205810_x1.....gagacgucgugggaacaUggggug..... 1
 G1a_6265330_x1.....cgucagggccccgccaguacuAc..... 1
 Gi5_9084613_x1.....cgugggaacacCgggugc..... 1
 Gi1_4231240_x1.....gucgugggaacacggggAgcc..... 1
 Gi3_28850112_x1.....agacguUgugggaacacggggugcc..... 1
 Gi2_11106786_x1.....ugcgauccggagacgucgugggaAac..... 1
 Gi2_11179131_x1.....cucguuccNaauuaggaagagaagcgccguc..... 1
 Gi3_28334246_x1.....cgugggaacacCgggugc..... 1
 Gi5_8840126_x1.....ugcgauccggagacgucgCggga..... 1
 Gi3_28907974_x1.....acugcgauccggagacAuc..... 1
 Gi2_11326731_x1.....aucggagacAucgugggaac..... 1
 Gi1_4308042_x1.....gugggaUcacggggugccgaacu..... 1
 Gi3_28392768_x1.....aucggaUacgucgugggaacacgggg..... 1
 Gi3_28529088_x1.....cgucagggccccgccaguaUug..... 1
 G1a_6264754_x1.....gaacacggAgugccgaacu..... 1
 Gi3_28819355_x1.....gagaagcgccgucagggccccgccGg..... 1

Gi4_580942_x1gugggaacacggggugccgCa..... 1
 Gi2_11089528_x1.....gggaacCcggggugccgaa..... 1
 Gi2_11170481_x1.....cgucgugggaacacggAg..... 1
 Gi5_9031301_x1.....aggccccgccaguacugcgauccgagacg..... 0
 Gi1_4361823_x1.....guaNugcgauccggagacgucg..... 1
 Gi2_11350871_x1.....agacgucguggAaacacggggugc..... 1
 Gi5_9042728_x1.....Ugugggaacacggggugccg..... 1
 Gi1_4189844_x1.....ucgugggUacacggggugccgaa..... 1
 Gi3_28787234_x1.....ggccccgccaguacuAcga..... 1
 Gi1_4321844_x1.....gacgucgAgggaacacggggugccgaa..... 1
 Gi3_28803717_x1.....ggagacgucgugggaacacggggGgccgaa..... 1
 Gi2_11008343_x1.....ucaggccccgccaguacugcgauUggagacg..... 1
 Gi3_28400976_x1.....aggccccgccUguacugcgauccggagacguc..... 1
 Gi3_28673335_x1.....aagagaagNgccgucaggccccgccaguacu..... 1
 Gi3_28546094_x1.....caggccccgccaguaAugcg..... 1
 Gi1_4222727_x1.....gagacgucgugggaacaUggggugccgaa..... 1
 Gi1_4252500_x1.....gucgugggaGcacggggugccgaa..... 1
 Gi3_28919112_x1.....acguGuggggaacacggg..... 1
 Gi2_11206822_x1.....gccagCacugcgauccgga..... 1
 Gi1_4212620_x1.....acgucgugggaacacggggugccAaacuu..... 1
 Gi3_28282729_x1.....aagcgccgucaggccccgccaguUcugc..... 1
 Gi2_11117814_x1.....agacgucgugggaacacggggGgc..... 1
 Gi1_4178136_x1.....ugcAaucggagacgucguggga..... 1
 Gi4_608163_x1.....gugggaacacggggGgccgaa..... 1
 Gi3_28435594_x1.....aggccccgccaguacGgc..... 1
 Gi3_28400944_x1.....caggccccAgccaguacugcgau..... 1
 Gi2_11397095_x1.....cccgccaguacugcgauccggagGcgucg..... 1
 Gi5_8935415_x1.....acgucgugggaacacUggggugccgaa..... 1
 Gi3_28470745_x1.....ucggagacgucgugggCacacggggugccgaa..... 1
 Gi2_11225356_x1.....Aaagagaagcgccgucaggccc..... 1
 Gi2_11229155_x1.....Auacugcgauccggagacgu..... 1
 Gi2_11023485_x1.....Ccguuccgaauuaggaagagaagcgcc..... 1
 G1a_6017874_x1.....gugggaacacgggAugccgaa..... 1
 Gi3_28778639_x1.....aggaagagaagcgccgucaggc..... 0
 G1a_6245419_x1.....Agagacgucgugggaacacggggugcc..... 1
 Gi4_594370_x1.....gugggaacaUggggugccgaa..... 1
 Gi2_11335723_x1.....gaagcgccgucaggccAcgccaguacugc..... 1
 Gi2_11154261_x1.....gggaacacggggugccAaa..... 1
 Gi5_9126299_x1.....ugggaacacggggugAcgaa..... 1
 Gi5_9048547_x1.....gGagcgccgucaggccccgccagua..... 1
 Gi5_9012677_x1.....agacUucgugggaacacggggugccga..... 1
 Gi3_28310413_x1.....gaucggagacgucgugggCacacggggug..... 1
 Gi3_28976878_x1.....cgugggaaAacggggugccga..... 1
 Gi1_4259676_x1.....gUccccgccaguacugcgauccggagacg..... 1
 Gi3_28876954_x1.....gaucggagacgCcguggga..... 1
 G1a_6268336_x1.....acuUcgaucggagacguc..... 1
 Gi1_4283749_x1.....agacguUgugggaacacggggugccgaa..... 1

Gi2_11191993_x1.....caggcccUgccaguacugcgau..... 1
 Gl1a_6144684_x1.....aagagaagcgccgucaggcca..... 1
 Gi3_28859364_x1.....agagaagcNccgucagggcccgcagua..... 1
 Gi2_11117161_x1.....ggccccAccaguacugcgagcgagac..... 1
 Gi1_4322125_x1.....cggagacgucgugggCacacggggu..... 1
 Gi3_28380579_x1.....cgucgugggaacacCgggugccgaac..... 1
 Gi1_4272430_x1.....Ugacgucgugggaacacggggugccga..... 1
 Gi5_9047066_x1.....aacacgggNugccgaacuu..... 1
 Gi1_4165978_x1.....cgugggaacacgUggugccgaacuu..... 1
 Gi1_4176823_x1.....acugcgaucggagacgucgu..... 0
 Gi5_8888406_x1.....Ucgucgugggaacacggggugccgaacuu..... 1
 Gi3_28949719_x1.....ucgugggaacacgggCugc..... 1
 Gi2_11000213_x1.....cgccagGacugcgaucggagacgucgu..... 1
 Gi1_4168117_x1.....gagacgucgugggaacaU..... 1
 Gi2_11258819_x1.....gaagcgccgucagggcccgcCaC..... 1
 Gi5_8927889_x1.....gggaacacggggugccgaaGu..... 1
 Gi3_28833838_x1.....cccgccaguacugcAaucggagacg..... 1
 Gi3_28802363_x1.....Acgugggaacacggggugccgaa..... 1
 Gi4_590231_x1.....gGcgugggaacacggggugccgaacu..... 1
 Gi5_8908408_x1.....aagagaagcgccgucaggccccUcc..... 1
 Gi1_4237068_x1.....caggUcccgccaguacugcg..... 1
 Gi2_11394715_x1.....ucaggccccgccaguCcu..... 1
 Gi1_4228609_x1.....gagaagcgccgucagggcccgcCa..... 0
 Gi3_28374216_x1.....agagaGcgccgucagggcc..... 1
 Gl1a_6291452_x1.....ccUgccaguacugcgaucggagacguc..... 1
 Gi2_11017793_x1.....ggagacgucgugggaaAacgggug..... 1
 Gi2_11286771_x1.....gaucggagacgucguggUaacac..... 1
 Gi2_11196360_x1.....caggccccgUcaguacugcgaucggag..... 1
 Gi5_8920634_x1.....ggagacgucguggAaacacggggugccgaacu..... 1
 Gi2_11316581_x1.....cccgccaguacugcgaucggagaA..... 1
 Gi3_28721663_x1.....cgccgucagggcccgcagCacugc..... 1
 Gl1a_6008614_x1.....acugGgaucggagacguc..... 1
 Gi3_28467524_x1.....ggCaacacggggugccgaa..... 1
 Gi2_11138736_x1.....ggagacguNgugggaacacggggu..... 1
 Gi3_28404471_x1.....aggccccgccaguacugcgCucgg..... 1
 Gi2_11188389_x1.....acgucgugggaacGcggggu..... 1
 Gi1_4269850_x1.....aggccccgccUguacugcgau..... 1
 Gi1_4280455_x1.....gucgugggaacacggggugccgU..... 1
 Gi2_11089791_x1.....cgucgugggaacacggggugUc..... 1
 Gl1a_6085353_x1.....aucggagacgucAuggggaacacggggu..... 1
 Gi2_11216850_x1.....ccaguacugcgaucggGgacgucgugg..... 1
 Gi2_11397058_x1.....cgaucggagacgucgugAgaacacggggu..... 1
 Gi5_9033726_x1.....agacgucgugggaacacggAgugccgaacu..... 1
 Gi2_11004471_x1.....aCgccccgccaguacugcgau..... 1
 Gi3_28387725_x1.....Ggacgucgugggaacacggggugccgaa..... 1
 Gi1_4249657_x1.....agacgucgugggaGcacggggugccg..... 1
 Gi3_28501254_x1.....agcgccgucagggcccgcaguaA..... 1

Gi2_11017544_x1.....agacgucgNgggaacacggggugccgaac..... 1
 Gi2_11154678_x1.....gaagagaagcgccgucagggcccUgcc..... 1
 G1a_6293632_x1.....aucggagacGcgugggaaacacggggu..... 1
 Gi5_8919455_x1.....gaagcgccgucagggccccgccGgua..... 1
 Gi3_28928618_x1.....cgccaguacGcgauccgagacgu..... 1
 Gi3_28331782_x1.....cggagacAucgugggaaacGcg..... 1
 Gi2_11279739_x1.....cccgccaguacGcgauccg..... 1
 G1a_6249423_x1.....cgugggaaacacggggGgcc..... 1
 Gi3_28641579_x1.....cgucgugggaaacacgUggugcc..... 1
 Gi2_11069401_x1.....Gcggaucggagacgucgug..... 1
 Gi3_28912897_x1.....gucagggccccccaguacugcgCuc..... 1
 Gi2_11378683_x1.....ucgugggaaacacggggugAcgaac..... 1
 Gi3_28406392_x1.....ggagacgucgugggaaacUg..... 1
 Gi2_11207060_x1.....aucggagacAucgugggaa..... 1
 Gi5_8906248_x1.....acAgcgauccgagacguc..... 1
 G1a_6275790_x1.....gcUaguacugcgauccgga..... 1
 Gi3_28618407_x1.....Ngcgccgucagggccccccaguac..... 1
 Gi1_4288307_x1.....cggagacgucgugggaaacacggggGgcc..... 1
 Gi3_28884177_x1.....gaagagGagcgccgucagggccccccag..... 1
 Gi3_28491737_x1.....cgccaguacugcgauccgagGcgucgug..... 1
 Gi4_596883_x1.....cccgccaguacugcgauccAgagacguc..... 1
 Gi3_28853792_x1.....ccgccaguacugUgauccgag..... 1
 Gi3_28916186_x1.....Ucugcgauccgagacguc..... 1
 Gi3_28321033_x1.....aagGgaagcgccgucagggcccc..... 1
 Gi2_11139144_x1.....gaUacgucgugggaaacacggggugcc..... 1
 Gi1_4257961_x1.....gucgCgggaacacggggug..... 1
 Gi3_28671047_x1.....cgauccgagacgucgCgg..... 1
 Gi3_28340748_x1.....aucggagacgucgugggaaacacggggugA..... 1
 Gi2_11037769_x1.....gagacgucgugggaaacacggggugcAgaacu..... 1
 Gi3_28297820_x1.....acgucgugggaaacacggu..... 1
 Gi4_606299_x1.....gggaacGcggggugccgaacu..... 1
 G1a_5999667_x1.....cgcUgucagggccccccaguacugc..... 1
 Gi1_4167894_x1.....cgugggaaacacCgggugccgaacu..... 1
 G1a_6144995_x1.....gccgucagggccccccCgua..... 1
 Gi1_4373856_x1.....ggaaacacUgggugccgaac..... 1
 Gi5_8835117_x1.....cgugggaaacacggggugUcga..... 1
 Gi3_28286814_x1.....cggagacgucgugggUacacgggu..... 1
 Gi1_4378064_x1.....ucggagacgCcgugggaaacacggg..... 1
 Gi5_9087430_x1.....agacAucgugggaaacacggggugccgaac..... 1
 Gi1_4302256_x1.....Ucugcgauccgagacgucgugggaa..... 1
 Gi5_8849730_x1.....agaNgcugugggaaacacggggugccgaacu..... 1
 Gi1_4324673_x1.....Cggaaacacggggugccgaac..... 1
 Gi2_11169955_x1.....cagggccccccaguaGugcgaucc..... 1
 Gi3_28801430_x1.....gucguggAaacacggggugccgaacu..... 1
 Gi4_570138_x1.....gccgucagggccccccaguacu..... 0
 Gi5_8919435_x1.....ucggagacgucgGgggaacacg..... 1
 Gi2_11300559_x1.....aAgccccccaguacugcgauccgga..... 1

Gi2_11022169_x1.....cccAgccaguacugcgauccg..... 1
 Gi2_11018236_x1.....acuCcgauccgagacgucgugg..... 1
 G1a_6141481_x1.....acugcgauccgagCcgucgug..... 1
 Gi3_28531659_x1.....aaUagaagcgccgucagggccccgccag..... 1
 Gi2_11108709_x1.....aucggUgacgucgugggaa..... 1
 Gi3_28856775_x1.....caguacugcgauccgagGcgucgu..... 1
 Gi3_28267911_x1.....gagaUgcgcccugcagggcc..... 1
 Gi2_11345659_x1.....gucgGgggaacacggggugc..... 1
 Gi2_11255009_x1.....gugggaacacgCggugccg..... 1
 Gi5_8889245_x1.....aagagaagcgUgucagggccc..... 1
 Gi2_11238286_x1.....ccUcgccaguacugcgauccgagacgu..... 1
 G1a_6333315_x1.....cgccaguaNugcgauccgagacgucgug..... 1
 Gi3_28377266_x1.....acgucgugggaaacaUggggugccg..... 1
 Gi1_4209231_x1.....gcccaUuacugcgauccgagacg..... 1
 Gi2_11299687_x1.....cgauccgagacgucgugggaGcacggggug..... 1
 Gi3_28805821_x1.....Ugaagcgccgucagggccc..... 1
 Gi5_9095296_x1.....gugggaacacggggugAcg..... 1
 Gi3_28614369_x1.....ggagacgucgugggaaacacgAggugccg..... 1
 Gi3_28437607_x1.....ggagGcgucgugggaaacacgggg..... 1
 Gi3_28544087_x1.....gauccgagacgucguAggaaacacggggg..... 1
 Gi1_4193510_x1.....agacgGcgugggaaacacggggugccgaacu..... 1
 Gi2_11158115_x1.....gucagggccccgccaAuacugcg..... 1
 Gi2_11193429_x1.....ugggaaacacggggugccgGa..... 1
 Gi3_28757660_x1.....cgugggaaacacggggugcGga..... 1
 Gi3_28699180_x1.....Uagagaagcgccgucagggccccgccag..... 1
 Gi3_28797897_x1.....cgucagggccccgcccGguacugcg..... 1
 Gi5_9134488_x1.....gauccggagGcgucgugggaaacacg..... 1
 G1a_6023231_x1.....gagacgucgugggaaacacggggugccgaGcu..... 1
 Gi3_28741862_x1.....ccccgccguacugcgauccgagac..... 1
 Gi3_28339683_x1.....ucggagaAgucgugggaaacacg..... 1
 Gi2_11106474_x1.....agacgCcgugggaaacacggggugc..... 1
 Gi3_28895364_x1.....gccccgccaguacugcgCucggaga..... 1
 Gi1_4283213_x1.....cUcgccaguacugcgauccg..... 1
 Gi3_28793495_x1.....aucgAagacgucgugggaaacacggggugc..... 1
 Gi3_28726047_x1.....agaagcgccguUagggccccgagucg..... 1
 Gi2_11322991_x1.....gcUccgccaguacugcgauccgagacguc..... 1
 Gi5_9092151_x1.....ccgccaguacugcgauccagaga..... 1
 Gi5_8882425_x1.....gacAucgugggaaacacggggugccgaacu..... 1
 Gi3_28827535_x1.....gucgugggaaacacgggAugccgaa..... 1
 Gi3_28570949_x1.....cgauccgGgacgucgugggaaacacggg..... 1
 Gi3_28737321_x1.....aCgccccgccaguacugcgauccg..... 1
 Gi2_11106205_x1.....gacgucgugggaaacacggggugcc..... 1
 Gi3_28589281_x1.....cgCagacgucgugggaaacacgg..... 1
 Gi3_28624606_x1.....agacgucgugggaaacGcggggugcc..... 1
 Gi2_11088868_x1.....caguacugcgauccgagacgucgugggaa..... 0
 Gi1_4319371_x1.....aucggagacgucgugggaaacacggggugccgaacu..... 0
 Gi3_28289991_x1.....ucgAgggaacacggggugccg..... 1

Gi2_11398834_x1.....gacgAcguggggaacacggggugcc..... 1
G1a_6296126_x1.....Gucggagacgucguggggaacacggggug..... 1
Gi1_4351291_x1.....agacgucguggggaacacggggugccU..... 1
Gi2_11263870_x1.ccuuaacucguuccgaauaAgaaga..... 1
Gi3_28829679_x1.....caggccccccagucgucgG..... 1
Gi2_11098890_x1.....gaucggagacgucguggCa..... 1
Gi5_9021586_x1.....gggNacacggggugccgaacu..... 1
Gi2_11235617_x1.....ccccgccagucgucgucgagacgCcgug..... 1
Gi5_9012895_x1.....cgAcguggggaacacggggugccgaac..... 1
Gi2_11295099_x1.....cgaucggagGcgucgugg..... 1
Gi2_11176360_x1.....gCgacgucguggggaacacggggug..... 1
Gi3_28974230_x1.....cggagacgucAugggaacacggggug..... 1
G1a_6309915_x1.....gAagacgucguggggaacac..... 1
Gi3_28392710_x1.....aguacugcagucggagacgCcguggggaacac..... 1
Gi5_8993166_x1.....Uggagacgucguggggaacacggg..... 1
G1a_6113358_x1.....gaucggagacgucguggggaacCcg..... 1
Gi5_8989562_x1.....gugggaacacggAgugcc..... 1
Gi2_11230386_x1.....gccagAacugcgaucggagacguc..... 1
G1a_6119043_x1.....Cucguggggaacacggggugccgaacu..... 1
Gi1_4202929_x1.....ugggaGcacggggugccga..... 1
Gi5_9050829_x1.....guAggaacacggggugcc..... 1
Gi1_4228476_x1.....gucguggggaacacggggua..... 1
Gi5_9137478_x1.....gccccccagucgucgG..... 0
Gi2_11055266_x1.....cgUcaguacugcgaucgg..... 1
Gi3_28805041_x1.....cguggggaacCcggggugcc..... 1
Gi1_4238658_x1.....agaagcgcgucCggccccgcca..... 1
G1a_6228161_x1.....ucguggggaacaUggggugccgaacu..... 1
Gi3_28287766_x1.....ccgucaggccccccagucgucA..... 1
G1a_6158104_x1.....ccccccGguacugcgaucggagacguc..... 1
Gi1_4360716_x1.....ugNgaacacggggugccgaac..... 1
Gi2_11214065_x1.....gucaggcAccgccagucguc..... 1
Gi2_11024679_x1.....gCgggaacacggggugccgaacuu..... 1
Gi3_28342185_x1.....cgaucggagacgucgugUg..... 1
Gi1_4283358_x1.....ccgucaggccccccagucgucgG..... 1
Gi3_28464537_x1.....gccccccUguacugcgaucggagac..... 1
Gi3_28459602_x1.....caguacAgcgaucggagacgucgu..... 1
Gi5_8975463_x1.....aggccccccagucAc..... 1
Gi3_28904284_x1.....gaagcgcgucaggccccccagucgucgG..... 0
Gi3_28616815_x1.....Agccgucaggccccccagucguc..... 1
Gi3_28490842_x1.....ccAccagucgucgagacguc..... 1
Gi3_28709365_x1.....cgccgucUggccccccaguc..... 1
Gi5_8935464_x1.....gagacgucgAgggaacacg..... 1
G1a_6316284_x1.....ggagacgucgugGaaacac..... 1
Gi3_28475142_x1.....gaucggCgacgucguggggaacacggggugc..... 1
Gi5_8915720_x1.....agagaagcgcgucagCccccccaguc..... 1
Gi2_11029136_x1.....ucaggccccccagucCgccauc..... 1
Gi3_28534875_x1.....ccccccagucgucgGaa..... 1

Gi2_11142050_x1.....gugggaacacggggugcGga..... 1
 Gi2_11011940_x1.....agagaGgcgccgucaggccccgcc..... 1
 Gi3_28310555_x1.....cgUucggagacgucgugggaacacggggugcc..... 1
 Gl1a_6328193_x1.....ggaacacgggCugccgaacu..... 1
 Gi3_28446825_x1.....caguacugGgaucggagacguc..... 1
 Gi1_4321912_x1.....ggagacgucgugggaCcacggggugccg..... 1
 Gi3_28769087_x1.....aUgagaagcgccgucaggccccgccagu..... 1
 Gi1_4289355_x1.....cgucaggccccgAcaguacugcg..... 1
 Gi5_9135157_x1.....cggagacgucgugggaacacggggugAc..... 1
 Gl1a_6334573_x1.....gugggaacacggggugccgaacN..... 1
 Gi4_611104_x1.....agaagcgccgucaggccccgc..... 0
 Gi1_4321046_x1.....ucguAggaacacggggugccga..... 1
 Gi3_28610871_x1.....cgaucggagacgGcguggg..... 1
 Gi2_11141227_x1.....ugggaacacCgggugccgaac..... 1
 Gi3_28755289_x1.....gacgucgugggaacacggggugccUaacu..... 1
 Gi3_28660903_x1.....ucggagacNucgugggaacacggggugccg..... 1
 Gi5_8989736_x1.....ggccccgccaguacugAgaucgga..... 1
 Gi3_28420941_x1.....acgucguCggaacacggggugccgaac..... 1
 Gi1_4285595_x1.....ggccccgccaguacugcgauUggaga..... 1
 Gi1_4277685_x1.....agacgucgugggaacacggggugccgCac..... 1
 Gi3_28389004_x1.....aguacugcgauccgUgacgucgug..... 1
 Gi2_11375397_x1.....Aagacgucgugggaacacggggugc..... 1
 Gi3_28535669_x1.....ccccgccaguacugcgauccgagGcguc..... 1
 Gi3_28497246_x1.....ucggagacgucgugggCacacggggugccgaacu..... 1
 Gl1a_6133402_x1.....uacugcgGucggagacgucgu..... 1
 Gi1_4185341_x1.....ucggagacgucgugggaacacggggAgc..... 1
 Gi5_9130397_x1.....cucguuccgaauaCgaagagaagcgc..... 1
 Gi4_580719_x1.....gugAgaacacggggugccgaa..... 1
 Gi3_28311670_x1.....gggaacacggggugcAga..... 1
 Gi3_28428264_x1.....Cccaguacugcgauccgagac..... 1
 Gi2_11269659_x1.....cgcAgucaggccccgccaguac..... 1
 Gi2_11302414_x1.....gggaacacgggAugccga..... 1
 Gi5_8961250_x1.....ugggaCcacggggugccgaa..... 1
 Gi2_11060102_x1.....aucggagacgucgugggaacacgggA..... 1
 Gi2_11119640_x1.....gaucggagaAgucgugggaacacggggugc..... 1
 Gi1_4198504_x1.....cgUucggagacgucgugggaacacggggg..... 1
 Gl1a_5981358_x1.....gaGgcgccgucaggccccgcc..... 1
 Gi3_28481044_x1.....agaaAcgccgucaggcccc..... 1
 Gi3_28639192_x1.....gaucggagacgucgugggaacacgAgg..... 1
 Gi3_28313007_x1.....aucggagacgucgugggaacacggggugccgaacA..... 1
 Gi3_28777758_x1.....ggagacAucgugggaacacg..... 1
 Gi5_8849632_x1.....agacgCcgugggaacacggggg..... 1
 Gl1a_6234391_x1.....agagaagcNccgucaggccccgc..... 1
 Gi3_28847302_x1.....cggagacgucgugggaacacAgggugccga..... 1
 Gl1a_6283333_x1.....aCuacugcgauccgagacgucgu..... 1
 Gi5_9083417_x1.....gaucggagacgucgugggaGcacggg..... 1
 Gi3_28671249_x1.....gaucggagacgucgugggaacacCgg..... 1

Gi4_599228_x1uggaacaacgaggugccgaCcu..... 1
 Gi2_11025720_x1.....cgucgugggaacaGgggugccga..... 1
 Gi3_28810750_x1.....ccagCacugcgauccgagacgucgu..... 1
 Gi3_28689546_x1.....gucgugggaacacgggAugcc..... 1
 Gi2_11157716_x1.....ggagacgucgugggaacacgggAgccg..... 1
 Gi1_4321434_x1.....ucggagacgucgugggCacacggggugcc..... 1
 Gi3_28869089_x1.....guUggaacacggggugccgaacuuu..... 1
 Gi3_28473274_x1.....Ugcgucagggccccgccaguacu..... 1
 Gi2_11071134_x1.....ucggagacgucgugggaacaAggggu..... 1
 Gi2_11296193_x1.....aggcccUgccaguacugcgaucg..... 1
 Gi3_28967852_x1.....acgucgugggaacacgUggugccgaac..... 1
 Gi2_11368492_x1.....ucaggccccgcUaguacugcgauc..... 1
 Gi3_28315878_x1.....acacggggNgccgaacuu..... 1
 Gl1_6209976_x1.....agaagcgAcgucaggccccgc..... 1
 Gi3_28900061_x1.....gcgaucggagacgCcgug..... 1
 Gl1_6119200_x1.....cgCcaggccccgccaguacug..... 1
 Gi3_28563138_x1.....gcgccgucagggccccgccCguacugc..... 1
 Gi3_28527300_x1.....guacugcgauccgagGcgucgugggaacacgg..... 1
 Gi3_28613802_x1.....gaucggagacgucgCgggaacac..... 1
 Gi2_11083917_x1.....cgaCcgagacgucgugg..... 1
 Gi3_28676114_x1.....ucggagacgucgGgggaacacgggu..... 1
 Gi1_4226824_x1.....cGggccccgccaguacugcgauccgaga..... 1
 Gi5_9054660_x1.....caUgccccgccaguacugcgauc..... 1
 Gi2_11165304_x1.....gugggaaUacggggugccgaacuu..... 1
 Gi3_28358830_x1.....acgucgugggaacacggggugccCaac..... 1
 Gl1_6307046_x1.....cgugggaacacgggAugcc..... 1
 Gi3_28716035_x1.....cgccaguacAgcgauccgagacgu..... 1
 Gi3_28527967_x1.....aucggagacgucguggUaacacggg..... 1
 Gi2_11297105_x1.....ccccccaguacugcgaAcgggagac..... 1
 Gi3_28336215_x1.....Aacgucgugggaacacggggugcc..... 1
 Gi1_4339295_x1.....aucggagacgucgugggaacacU..... 1
 Gi3_28790070_x1.....cgucagggccccgccagCacugcgauccgaga..... 1
 Gi3_28326781_x1.....gaucUgagacgucgugggaacacggggugccga..... 1
 Gl1_5989035_x1.....cgauccgagacgucgugggaacGcg..... 1
 Gi2_11059026_x1.....ugcgauccggaCacgucgugggaacacg..... 1
 Gi2_11034665_x1.....Naucggagacgucgugggaacacg..... 1
 Gi3_28666499_x1.....ggagacgucgugggaacacggggugccgaGc..... 1
 Gi3_28345754_x1.....caggccccgccaguacugcgauccgagGcguc..... 1
 Gl1_6098213_x1.....aacucguuccgaauuaggaaga..... 0
 Gi2_11113674_x1.....ucgNgggaacacggggugccgaac..... 1
 Gi2_11144897_x1.....gagaaAcgccgucagggccccgc..... 1
 Gi4_580002_x1.....ggaacacggggugccAaacu..... 1
 Gi2_11025637_x1.....cgucgugggaacacCgggugc..... 1
 Gl1_6140352_x1.....gggaacacggggugAcgaacu..... 1
 Gi5_8969547_x1.....ccgccaguacugcgauccgagacguUgu..... 1
 Gi3_28943635_x1.....gaucggagacgucguggUaacac..... 1
 Gi3_28457428_x1.....gccaguacugcgauccgagacgG..... 1

Gi1a_6315835_x1.....cgAcagggccccgccaguac..... 1
Gi2_11105067_x1.....cccgccagguacugcgcaCcgagagcugc..... 1
Gi1a_6050399_x1.....Ggcgaucggagacgucguggggaacac..... 1
Gi1a_6266661_x1.....gaucggGgacgucguggggaacac..... 1
Gi1_4212787_x1.....cgAcguggggaacacggggugccgaa..... 1
Gi3_28833732_x1.....aagagaagcgccUucagggccccgcc..... 1
Gi2_11178594_x1.....agacgucguggggaacGcggggugccg..... 1
Gi3_28357916_x1.....gaucggagacgucgAgggaacacggggg..... 1
Gi5_9065802_x1.....ugggaacacggggGcgggaacu..... 1
Gi1_4264911_x1.....caggccccgccaAuacugcgaucggaga..... 1
Gi1_4218014_x1.....aagcgAcgucagggccccgccaguacugc..... 1
Gi3_28619277_x1.....gcaucggagGcugcug..... 1
Gi3_28850216_x1.....cccUgccagguacugcgaucgg..... 1
Gi2_11169248_x1.....aguacugcgaucggagCcg..... 1
Gi3_28720034_x1.....aGgagaagcgccgucagggccccgcc..... 1
Gi1a_6163263_x1.....uggUaacacggggugccgaacu..... 1
Gi1_4194113_x1.....ggUgacgucguggggaacacggggugccgaacu..... 1
Gi3_28401243_x1.....ugcgaucggGgacgucgug..... 1
Gi5_8876109_x1.....ccgucagggccccgccagCacugcg..... 1
Gi3_28377369_x1.....cccAccagguacugcgaucggaga..... 1
Gi2_11023796_x1.....cgucagggccccgccaguCcugc..... 1
Gi1a_6354602_x1.....caggccccgcUaguacugcg..... 1
Gi3_28803584_x1.....ggagacgucgugggUaacggggugcc..... 1
Gi3_28646681_x1.....cggagacgucguggAaacacggg..... 1
Gi3_28452897_x1.....acgucguggggaacaAgggggugccgaacu..... 1
Gi5_9057226_x1.....ugggaacacggggugAcgaa..... 1
Gi2_11361321_x1.....Ggaagcgccgucagggccccgccaguacugcg..... 1
Gi3_28643662_x1.....ugggaGcaccggggugccgaacu..... 1
Gi4_614278_x1.....gagaagcgccgucagggccccg..... 0
Gi2_11004026_x1.....Uccagguacugcgaucggag..... 1
Gi2_11107055_x1.....gacgucgugUgaacacggggugccgaacu..... 1
Gi3_28846990_x1.....gaAgucguggggaacacggggugccgaacu..... 1
Gi5_8921686_x1.....acgucguggggaacacgggg..... 0
Gi3_28863936_x1.....cgugggaacacggggugGcg..... 1
Gi2_11243256_x1.....gggaacacggggugccUaa..... 1
Gi5_9002342_x1.....ccgucagggAccgccaguacugc..... 1
Gi2_11026457_x1.....aguacugcgaucggagacAu..... 1
Gi3_28738968_x1.....cccgccagguacugcgcaGcgg..... 1
Gi3_28276507_x1.....agaagcgcgUgucagggccccgccaguacug..... 1
Gi3_28812068_x1.....aggccccgcUaguacugcgaucgga..... 1
Gi3_28301839_x1.....agacAucguggggaacacggggug..... 1
Gi2_11323507_x1.....agcgccgucUggccccgccagu..... 1
Gi3_28710834_x1.....cgucaAgccccgccaguacugc..... 1
Gi3_28715392_x1.....cgccagguacugcgaucggC..... 1
Gi3_28335447_x1.....caggccccgcUaguacugcg..... 1
Gi1a_6343160_x1.....aggccccgccagguacugcgaucUg..... 1
Gi2_11165621_x1.....

Gi3_28847762_x1.....aagcgccguAaggccccccagua..... 1
 Gi3_28693973_x1.....agacgucgugggaacacgggAugcc..... 1
 Gi2_11051332_x1.....gUucggagacgucgugggaacacggggug..... 1
 Gi3_28630477_x1.....aggcccGgccaguacugc..... 1
 Gi5_8848723_x1.....gugggaacacggggugAcgaacuu..... 1
 Gi3_28745380_x1.....Aucaggccccgccaguacugcgaucgg..... 1
 Gi3_28955359_x1.....cgucagUccccgccaguacugcg..... 1
 Gi3_28755340_x1.....aguacugcgaucggCgacg..... 1
 Gi3_28645013_x1.....gaUcacggggugccgaacuu..... 1
 Gi5_8961587_x1.....gaucggagacgucgAgggaacacgg..... 1
 Gi3_28667067_x1.....ccaguacugcgaGcggagacguc..... 1
 Gi5_8958790_x1.....cUguacugcgaucggagacgucgugga..... 1
 Gl1a_6321701_x1.....cgucaggccccgccaguacCgcgaucgg..... 1
 Gi3_28423268_x1.....ucguggCaacacggggugccgaa..... 1
 Gi1_4371593_x1.....ucggagacgucgugggaacacggggugA..... 1
 Gi3_28301990_x1.....acguGgugggaacacggggugc..... 1
 Gi1_4204356_x1.....uacugcgaucggagacgucgu..... 0
 Gl1a_6142119_x1.....Agugggaacacggggugcc..... 1
 Gi2_11377914_x1.....uggggaacacgCggugccgaacu..... 1
 Gi3_28448267_x1.ccuuaacuUguuccgaau..... 1
 Gi2_11067835_x1.....gucgugggUacacggggugcc..... 1
 Gi3_28716753_x1.....gagaagcgccgucagggccccgccaguaUugc..... 1
 Gi2_11178541_x1.....Cgccccgccaguacugcgau..... 1
 Gi1_4344405_x1.....agaagcgccgucagggccccU..... 1
 Gi3_28397309_x1.....gagacgucgugggaacacggggCgcc..... 1
 Gi2_11283667_x1.....acguGgugggaacacggggugc..... 1
 Gi2_11192877_x1.....Aggggaacacggggugccg..... 1
 Gi3_28726765_x1.....cccgccaguacugcgauA..... 1
 Gi4_588100_x1.....cgucAugggaacacggggugccga..... 1
 Gi5_8892493_x1.....cgucgugggaacaUggggugc..... 1
 Gi2_11085866_x1.....gacgucgugggaGcacggggugccgaac..... 1
 Gi1_4289542_x1.....agacgucgugAgaacacggggugccgaacu..... 1
 Gi3_28323711_x1.....ccgccGuacugcgaucgg..... 1
 Gi3_28435498_x1.....agcgccgucagggccccgccaguGc..... 1
 Gi2_11327460_x1.....gucagAccccgccaguacugcgau..... 1
 Gi2_11049208_x1.....ucggagacgucgugggaacacggCg..... 1
 Gi1_4255511_x1.....gugggCacacggggugccgaacu..... 1
 Gi1_4312147_x1.....gugggaGcacggggugccg..... 1
 Gi1_4347431_x1.....gugggaacacggggUaccgaacuu..... 1
 Gi2_11192697_x1.....cgaucggagacgucgugggaGcacggggugc..... 1
 Gi5_8914936_x1.....ugcgaucggagacgCcguggg..... 1
 Gi1_4249370_x1.....Ggccaguacugcgaucggaga..... 1
 Gi3_28934792_x1.....uUggagacgucgugggaacac..... 1
 Gl1a_6298858_x1.....gccaguacugcgUucggagacguc..... 1
 Gi2_11305402_x1.....ccgaauaNGaagagaagcgccguc..... 1
 Gi3_28367844_x1.....acucguuccgaauaggaaga..... 0
 Gi3_28302050_x1.....cccgccaguacugcgaucgAagacg..... 1

Gi5_9022595_x1.....Uaguacugcgaucggagacgucguggga..... 1
Gi1_4181962_x1.....aucggagacgucgugggaacacgAggu..... 1
Gi2_11239406_x1.....uGggagacgucgugggaacacg..... 1
Gi2_11327307_x1.....gucaggccccgccUguacugc..... 1
Gi1_4277667_x1.....gugggaacacggUgugccgaacuu..... 1
Gi3_28889664_x1.....ccgucaggccccgccaAuacugc..... 1
Gi1_4261940_x1.....cgccaguacugcAaucggagac..... 1
Gi3_28420671_x1.....cgccgucaggccccgccCgu..... 1
Gi3_28660863_x1.....caggAcccgccaguacugcg..... 1
Gi5_8883901_x1.....gucgugggaacacggggugccgCa..... 1
Gi3_28910115_x1.....gaucAgagacgucgugggaac..... 1
Gi3_28265323_x1.....cgGcgugggaacacggggu..... 1
Gi3_28638353_x1.....agacgucgugAgaacacggggugcc..... 1
Gi1_4245930_x1.....ggaacacCgggugccgaacuu..... 1
Gi2_11036010_x1.....aucggagacgucguggUaaca..... 1
Gi5_9095659_x1.....gagacgucAugggaacacg..... 1
Gi2_11141800_x1.....ugcgauccggGgacgucgugggaacac..... 1
Gi2_11198432_x1.....aggUcccgccaguacugcgauccggagacguc..... 1
Gi5_8985350_x1.....gaucggagacgucguggGacacg..... 1
Gi2_11118558_x1.....agacgucgNgggaacacggggugccgaa..... 1
Gi3_28415433_x1.....gccccgccaguaUugcgau..... 1
Gi3_28611028_x1.....cccgccaguacugcgCucggaga..... 1
Gi3_28650630_x1.....gucgugggaacacggggugccgaaAuu..... 1
Gi1_4185996_x1.....ucggagacgucguggGacacggggugcc..... 1
Gi3_28428603_x1.....ccccccaAuacugcgauccgga..... 1
Gi1_4173612_x1.....aucggagacgucgugggaGcacgg..... 1
Gi3_28384515_x1.....aggccccAccaguacugcgauccgga..... 1
Gi2_11169350_x1.....ccUcgccaguacugcgauccg..... 1
Gi1_4376732_x1.....gggaacacggggugcAgaacuu..... 1
Gi2_11024728_x1.....agaagcgccgucagggcccU..... 1
Gi2_11350222_x1.....gggaaAacggggugccgaa..... 1
Gi3_28726204_x1.....agaagcgccgucagggccccgccaguGcugcg..... 1
Gi5_8942855_x1.....cgugggGacacggggugccg..... 1
Gi2_11024595_x1.....gugggaacacggggugcAga..... 1
Gi2_11308011_x1.....cAucgugggaacacgggg..... 1
Gi1_4226117_x1.....gacgucgugggaacacggggugcA..... 1
Gi3_28403531_x1.....Ngugggaacacggggugc..... 1
Gi2_11156479_x1.....gaucggagacgucgugggaGc..... 1
Gi5_8830899_x1.....ucgugggaacCggggugcc..... 1
Gi1_4277024_x1.....aggccccccagCacugcgauccg..... 1
Gi3_28599898_x1.....gaucggagacgAcgugggaacacg..... 1
Gi2_11353473_x1.....gagacgucgugggaacacggggugcUg..... 1
Gi2_11166368_x1.....gcgauccggaAacgucgugggaacacggg..... 1
Gi1_4279207_x1.....Auacugcgauccggagacgucg..... 1
Gl1_6242117_x1.....gugggaacacggggugccgGa..... 1
Gi2_11085992_x1.....ugggaacacggggugccgaacua..... 1
Gi3_28899662_x1.....agGagcgccgucagggccccgccagua..... 1

Gi1_4297365_x1.....aucggagacgucgugggaa..... 0
 Gi2_11166568_x1.....Ggaucggagacgucgugggaaacacggggug..... 1
 G1a_6151156_x1.....Uagagaagcgccgucagggcc..... 1
 Gi3_28440211_x1.....cgucgugggaaacGcggggug..... 1
 Gi3_28716064_x1.....Cccgucagggcccgccaguac..... 1
 Gi2_11283051_x1.....agAccccgccaguacugcgauccgga..... 1
 Gi2_11152599_x1.....acgucgugggaaacacggggguAccg..... 1
 Gi3_28658974_x1.....agagaagcUccgucagggcccgcc..... 1
 Gi2_11247738_x1.....ccUcgccaguacugcgauccgaga..... 1
 Gi4_568415_x1.....Uagacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28368346_x1.....cgauccgagaAgucguggg..... 1
 Gi4_607815_x1.....cGguacugcgauccggagacgu..... 1
 Gi3_28418216_x1.....cggagacgucgugggaaacCcggggugccg..... 1
 Gi1_4186351_x1.....aucggGgacgucgugggaaacacgggg..... 1
 Gi3_28484608_x1.....cccgccaguacugcCauc..... 1
 Gi3_28701757_x1.....cgucagggcccgccagCacugcgauccgga..... 1
 Gi3_28614041_x1.Ucuuaacucguuccgaau..... 1
 Gi2_11269251_x1.....aggccccAccaguacugcgau..... 1
 Gi3_28847184_x1.....ugggaaacacgggCugccga..... 1
 Gi3_28474740_x1.....acgucgugggaaUacggggugc..... 1
 Gi4_593052_x1.....cgucgugggaaacGcggggugccga..... 1
 Gi5_8970387_x1.....caggccccgccaguacugcgauU..... 1
 Gi2_11313935_x1.....guCggaacacggggugccga..... 1
 Gi2_11341722_x1.....agUgaagcgccgucagggc..... 1
 Gi3_28677495_x1.....cgugggaaacacgggUugccgaac..... 1
 Gi1_4289800_x1.....aguacugcNaucggagacgucgug..... 1
 Gi1_4218624_x1.....gagaUgucgugggaaacacggggugccgaacu..... 1
 Gi5_8991885_x1.....cgugggaaacacggggAgcc..... 1
 Gi1_4196304_x1.....aacacggggugccgaGcuu..... 1
 Gi2_11384165_x1.....Uggagacgucgugggaaacacggggugccga..... 1
 Gi1_4260662_x1.....gucgugggaaacacggggCgcc..... 1
 Gi5_8982868_x1.....Ngggaaacacggggugccgaacu..... 1
 Gi5_8912141_x1.....aucAgagacgucgugggaaacacggg..... 1
 Gi2_11360434_x1.....cgUagacgucgugggaaaca..... 1
 Gi3_28735066_x1.....gUgacggagacgucgugggaaacacggg..... 1
 Gi3_28948823_x1.....agagaagcgccgCcaggc..... 1
 Gi5_9075650_x1.....gaucggagNcgucgugggaaaca..... 1
 Gi2_11144616_x1.....acgucgugggaaCcacggg..... 1
 Gi3_28774697_x1.....aaagagaagcgccgucagggUcccggcag..... 1
 Gi3_28600190_x1.....cgauccgagGcgucgugggaaacacggggug..... 1
 G1a_5989481_x1.....Cacugcgauccggagacguc..... 1
 Gi3_28552775_x1.....caguacugcgauccggagacgucg..... 0
 Gi5_9058085_x1.....aGgucgugggaaacacggggugcc..... 1
 Gi2_11263588_x1.....gucgugggaaacacggggugAcga..... 1
 G1a_6071603_x1.....gucagggccccAccaguacugc..... 1
 Gi3_28804014_x1.....gagacgucgugggaaacacggggugccgGac..... 1
 Gi2_11169135_x1.....caggccccgccaguacugcUauc..... 1

Gi1_4264832_x1.....agcgccgucaggccccgccaUuacugc..... 1
 Gi3_28779419_x1.....acgucgugggaacacggggugGcgaacu..... 1
 Gi3_28784955_x1.....ucggagacgucgugggaacGcggg..... 1
 Gi4_575825_x1.....cCucgugggaacacggggugcc..... 1
 Gi3_28968000_x1.....aucggagaAgucgugggaacacggggugc..... 1
 Gi2_11153285_x1.....caggccccgccaguacuAcg..... 1
 Gi3_28937614_x1.....Uggagacgucgugggaacacggg..... 1
 G1a_6045301_x1.....aucggagacgucgugggaacGcggggugcc..... 1
 Gi2_11219658_x1.....agacgucgugggaacacAgggugccgaac..... 1
 Gi1_4300663_x1.....ggagacgucgugggaacacggggugAc..... 1
 Gi3_28881363_x1.....cgccgucagggccccgcccGguacu..... 1
 G1a_6147677_x1.....gggaacacggggugccgaaUu..... 1
 Gi4_599000_x1.....gAgggaacacggggugccga..... 1
 Gi2_11011755_x1.....ccccgccGguacuagcgaucggag..... 1
 Gi1_4176926_x1.....guGgugggaacacggggugccgaacu..... 1
 G1a_6079778_x1.....Uaagcgccgucaggccccgcccaguacugc..... 1
 Gi2_11318163_x1.....caggccccgcccaguacuAcgauccg..... 1
 Gi3_28478293_x1.....acgucgAgggaacacggggugccgaac..... 1
 Gi4_590728_x1.....uAgugggaacacggggugccgaacu..... 1
 Gi3_28669991_x1.....agGgaagcgccgucagggccccg..... 1
 Gi3_28419966_x1.....Ggaagcgccgucagggccccgcca..... 1
 Gi2_11145485_x1.....ugggaacacggggugUcgaa..... 1
 Gi3_28776804_x1.....acgucgugggaCcacggggugccg..... 1
 Gi1_4342565_x1.....gucguAggaacacggggugc..... 1
 Gi3_28288241_x1.....gucagggccccgGcaguacugc..... 1
 Gi3_28788606_x1.....cccgccaguacugcgaucggagaAguc..... 1
 G1a_6186868_x1.....gagagaagNgccgucagggccccgcca..... 1
 Gi3_28409733_x1.....ucagggccccAccaguacugcgauc..... 1
 Gi2_11274883_x1.....agGcugcugugggaacacggggg..... 1
 Gi3_28858236_x1.....acgucgugggaacacgggCugccgaacu..... 1
 Gi5_8936835_x1.....ggGacacggggugccgaa..... 1
 Gi2_11262347_x1.....gaaGacggggugccgaacu..... 1
 Gi4_596344_x1.....cgauccgagacgucgugggaacacggg..... 0
 Gi1_4226494_x1.....aguacCgcgacgagacgucgug..... 1
 G1a_6269880_x1.....ugcgaucggagacgucgugggaacacggggG..... 1
 Gi1_4313307_x1.....gaucggagacgucgugggaacacggggugccU..... 1
 Gi3_28456851_x1.....uAggagacgucgugggaacacggggg..... 1
 Gi3_28274763_x1.....Nggaacacggggugccgaacu..... 1
 Gi2_11092655_x1.....cgugggaacacAgggugccgaa..... 1
 Gi3_28813180_x1.....ggccccgcccaguacuAcgau..... 1
 Gi5_8896638_x1.....cggagacgucgugggaacacAgggugccga..... 1
 G1a_6309047_x1.....gugggaacaUggggugccga..... 1
 Gi3_28599196_x1.....caggccccgcccaguUcugcgauccgga..... 1
 Gi5_9119779_x1.....Uccgccaguacugcgaucggagacgu..... 1
 G1a_6228389_x1.....aucggagacgucgugggUacacggggug..... 1
 Gi2_11029557_x1.....gccccgccGguacuagcgauc..... 1

Gi3_28419972_x1	.....aucggagacguAguggga	1
Gi3_28855261_x1	.....ucaggccccgccaguUcugcg	1
Gi3_28421415_x1	.....agacgucAugggaacacggggugccgaacu	1
Gi2_11342446_x1	.....cccgGcaguacugcgauccggagacguc	1
Gi3_28646241_x1	.....aucggagacgucgugggaacaAgggg	1
Gi3_28909698_x1	.....gCgaagcgccgucagggccccgc	1
Gi3_28891905_x1	.....cccgccaguacugcgaCcgagac	1
G1a_6038772_x1	.....gaagcgccNucaggccccgccaguacugcg	1
Gi3_28296703_x1	.....ggccccgccaAuacugcgau	1
Gi2_11236178_x1	.....Cguacugcgauccggagacgucg	1
Gi3_28858179_x1	.....agacgucgugggaacacgUggugccgaacu	1
Gi2_11081759_x1	.....ucguggAaacacggggugcc	1
Gi1_4231459_x1	.....gacgucgugggaacacggggugccgaacAu	1
Gi5_8903733_x1	.....ggaacacggggugGcgaac	1
Gi2_11272081_x1	.....agacgucgugggaacacgggg	0
Gi2_11116877_x1	.....cgucguCggaacacggggugc	1
G1a_6343640_x1	.....gacgucgugggaacacgAggugccgaacu	1
Gi2_11232959_x1	.....gcgauccggagacgucgugggCaca	1
Gi1_4244440_x1	.....cgucgugggCacacggggugcc	1
Gi2_11282802_x1	.....cgucgugggGacacgggg	1
G1a_6283873_x1	.....guacugcgNucggagacgucg	1
Gi2_11203993_x1	.....cgauccggagacgucgugggGacacgggg	1
Gi3_28380441_x1	.....acacAgggugccgaacuu	1
G1a_6003496_x1	.....gauccggagacgucguggAa	1
Gi1_4288269_x1	.....gagacgucgugggaacacggggugccgaacuu	0
Gi2_11376915_x1	.....ugggaacacggggugAcga	1
Gi2_11069432_x1	.....gucagggccccgccagCacugcgauccggagacg	1
Gi2_11036049_x1	.....gaacacggggugcUgaac	1
Gi1_4169860_x1	.....ggagacgucgugggaacacggggGgccg	1
Gi3_28325503_x1	.....aggccccgccaguacugcgauccUga	1
G1a_6042831_x1	.....cgGucggagacgucgugg	1
Gi5_9069336_x1	.....ucgugggGacacggggugcc	1
Gi3_28861827_x1	.....gccaguacugcgGucgga	1
Gi1_4314917_x1	.....gucguUggaacacggggugccgaacu	1
Gi3_28327253_x1	.....cgauccggagacgucgugggaacacggggCgc	1
Gi2_11020948_x1	.....cgucgAgggaacacggggugcc	1
Gi3_28435228_x1	.....ccUccaguacugcgauccggagacgucgugg	1
Gi3_28549792_x1	.....acgucgugggaacCcggggugccg	1
G1a_6343039_x1	.....aagcgccgucagggcUcgccaguacugc	1
Gi3_28265804_x1	.....cgucagggNccgccaguacugcgauccggaga	1
Gi3_28757196_x1	.....gggaacacggggAgccga	1
Gi5_9058186_x1	.....caggGccccccaguacugcg	1
Gi2_11047724_x1	.....agcNccgucagggccccgccagua	1
Gi2_11366401_x1	.....aucNgagacgucgugggaacacggg	1
Gi2_11147251_x1	.....gucagggccccAccaguacugc	1
Gi3_28749037_x1	.....gcgUgucagggccccgccaguacugc	1
Gi3_28728055_x1	.....aCaagcgccgucagggccc	1

Gi2_11024026_x1.....cgugggaacacggggugccgaU..... 1
 Gi2_11298878_x1.....ucguggUaacacggggugccg..... 1
 Gi3_28334452_x1.....agacgucCugggaacacggggugccgaac..... 1
 Gi1_4307918_x1.....gagaagcgcgcgucaggccccgcc..... 0
 Gi1_4182141_x1.....gugggaacacAgggugccgaac..... 1
 Gi2_11266207_x1.....cCugggaacacggggugccg..... 1
 Gi3_28718860_x1.....gacgucgugggaacacggggugcUgaacu..... 1
 Gl1a_6056689_x1.....Aucaggccccgccaguacugc..... 1
 Gi3_28787061_x1.....ccccgccaguacugcgCucggaga..... 1
 Gi2_11291126_x1.....cgccgucaggccccgccagua..... 0
 Gi3_28346322_x1.....gccaguacugcgauccggagaGguc..... 1
 Gi3_28752446_x1.....caggccccgccUguacugcgau..... 1
 Gl1a_6141373_x1.....cgagacgucgugggaGcacggg..... 1
 Gi3_28578056_x1.....gGcaguacugcgauccggagacgucgug..... 1
 Gl1a_6281662_x1.....ccaNuacugcgauccggagacgucgug..... 1
 Gi2_11244373_x1.....cgugggaacacgggCugc..... 1
 Gi3_28628716_x1.....gccgucaggccccgccGguacugcg..... 1
 Gi2_11258231_x1.....ccaguacugcgauccggagCcg..... 1
 Gi2_11203917_x1.....ugggaacaAggggugccga..... 1
 Gi3_28809066_x1.....gcgCUGucaggccccgccagu..... 1
 Gi1_4364678_x1.....cgccaguaNugcgauccggaga..... 1
 Gl1a_6247227_x1.....caguacugcgauccggagacguUg..... 1
 Gi3_28395996_x1.....ccgccaguacugcgauccggagacguUgu..... 1
 Gi3_28278765_x1.....gagacguAgugggaacacggggugcc..... 1
 Gi3_28737012_x1.....ggccccgccaguacugUga..... 1
 Gi2_11327967_x1.....agagaagcgcgcgucaggccccgcUa..... 1
 Gi1_4341312_x1.....cgucaggccccgccGguacugc..... 1
 Gi2_11112113_x1.....gcgauccggagacgucgugggaGcacggg..... 1
 Gi3_28893315_x1.....Uccaguacugcgauccggagacgucgug..... 1
 Gi3_28708350_x1.....cgucaggccccgccaguacAg..... 1
 Gi5_9056573_x1.....ucaggccccgUcaguacugcg..... 1
 Gi5_8973741_x1.....aucggagCcgucgugggaacacggggugcc..... 1
 Gi2_11133275_x1.....aggcUccgccaguacugcga..... 1
 Gl1a_6343873_x1.....cccgccaguacugcgauccggagacgCc..... 1
 Gi3_28554332_x1.....aAgccccgccaguacugcgauccggagacguc..... 1
 Gi2_11168934_x1.....gaagcgcgcgucaggccccAc..... 1
 Gi5_8883071_x1.....cgccaguacuAcgauccggagacgu..... 1
 Gi3_28707203_x1.....gcUccgccaguacugcgauccggagacgu..... 1
 Gi1_4237793_x1.....ugggaacaAggggugccgaac..... 1
 Gi2_11012565_x1.....ccgccaguacugcAaucggag..... 1
 Gi3_28407636_x1.....ucAgagacgucgugggaacacg..... 1
 Gi5_9099298_x1.....agacgucgugggaaAacggggugccgaac..... 1
 Gl1a_6228342_x1.....gcgaGcggagacgucgug..... 1
 Gi5_8876238_x1.....aucggagacgucgugggaaUgg..... 1
 Gi5_8882818_x1.....cacAggggugccgaacuuu..... 1
 Gl1a_6002342_x1.....aucgAagacgucguggga..... 1
 Gl1a_6034365_x1.....aacacggggAgccgaacu..... 1

Gi2_11229418_x1.....ccccgAcaguacugcgauccg..... 1
Gi2_11331791_x1.....Acgaucggagacgucgugggaaca..... 1
Gi4_583140_x1.....cgucaggccccUgccaguacugc..... 1
Gi2_11114585_x1.....cgucgugggaacGcgggg..... 1
Gi3_28982565_x1.....cugNgaucggagacgucg..... 1
Gi3_28670904_x1.....gagacgucgugggaacacggAgu..... 1
Gi2_11308679_x1.....gaagagaagcgccgucagggcccg..... 0
Gi3_28729773_x1.....cggagacgucAugggaacac..... 1
Gi3_28450197_x1.....ccccgccaguacugcgauccggagacAuc..... 1
G1a_6224222_x1.....gugggaacacggUgugcc..... 1
Gi5_8876633_x1.....gaucggagacgucgugCgaacac..... 1
Gi2_11047309_x1.....gccgucagggccccUccaguacugc..... 1
G1a_6086833_x1.....gCgggaacacggggugccg..... 1
Gi2_11057975_x1.....agacgucgCgggaacacggggugccgaa..... 1
Gi2_11018509_x1.....ucagggccccccaguaAug..... 1
Gi2_11268857_x1.....cgucUugggaacacggggug..... 1
Gi2_11306870_x1.....ccccAccaguacugcgau..... 1
Gi2_11195520_x1.....aggccccgccagGacugcg..... 1
Gi2_11118935_x1.....aagagaagcgAcgucagggcccccca..... 1
Gi3_28955937_x1.....cgucagggccccCccaguacugc..... 1
Gi3_28320169_x1.....auNggagacgucgugggaacacggg..... 1
Gi2_11350851_x1.....cggagacgAcgugggaacacgggg..... 1
Gi5_8895509_x1.....Ccgagacgucgugggaacacggggugccgaacu..... 1
Gi3_28587241_x1.....acugcgauccggaUacguc..... 1
Gi5_8943162_x1.....aucggagacgucgGgggaacacg..... 1
Gi3_28818029_x1.....ccgucaAgccccgccaguacugc..... 1
G1a_6157299_x1.....gugggaacCcggggugccg..... 1
Gi3_28307823_x1.....ucgNagacgucgugggaacacggggugccg..... 1
Gi3_28365408_x1.....ccgccaAuacugcgauccggagac..... 1
Gi3_28539664_x1.....cugcgauccggagacAucg..... 1
Gi3_28933201_x1.....gagaagcgAcgucagggcc..... 1
Gi3_28592300_x1.....gccguUaggccccccaguacugc..... 1
Gi2_11136577_x1.....agacgucguUggaacacggggugc..... 1
Gi5_8841197_x1.....caggccccccaguacuAcgauc..... 1
Gi2_11262688_x1.....cgugggaacacggUgugccgaac..... 1
Gi3_28872279_x1.....aagcgccgNcaggccccccagua..... 1
Gi3_28403958_x1.....ggagacgucgugggGaca..... 1
Gi3_28724918_x1.....Uagagaagcgccgucagggcc..... 1
Gi3_28414968_x1.....acgucgugggCacacggg..... 1
Gi3_28698841_x1.....gaucggagacgucguggUaacacgggg..... 1
Gi3_28967156_x1.....ugggaacacggggUuccg..... 1
G1l_4370035_x1.....ucagggccccccaguacCgcg..... 1
G1a_6177688_x1.....Cgagacgucgugggaacacggggugcc..... 1
Gi3_28623019_x1.....caggccccAccaguacugcga..... 1
G1a_6152878_x1.....aggccUcgccaguacugcg..... 1
Gi3_28907795_x1.....ccccgccaguCugcgauccggag..... 1
Gi2_11374510_x1.....gccgucagggccccccaguacugcgauccg..... 0

Gi2_11132193_x1.....ggagacgucgugggaacacgggAug..... 1
 Gi1_4283632_x1.....gugggUacacggggugccgaa..... 1
 Gi3_28816190_x1.....ucagggccccccagucAgcgauc..... 1
 Gi5_9072830_x1.....caguacugcgauccgagUcgucgug..... 1
 Gi2_11122784_x1.....Caucggagacgucgugggaacacgggg..... 1
 Gi2_11268248_x1.....caggccccccagucugcgauccgGgagc..... 1
 Gi3_28288773_x1.....caggccccccagucugcUauc..... 1
 Gi3_28539792_x1.....ucggagAcgucgugggaacacggg..... 1
 Gi2_11207838_x1.....gaagagaagcgccgucagcAcccgcc..... 1
 Gi3_28325011_x1.....gagaagcgcAgucaggccc..... 1
 Gi1_4202041_x1.....cgugggCacacggggugccgaa..... 1
 Gi3_28481541_x1.....ccgucGggccccccagucugcg..... 1
 Gi5_9094334_x1.....gaucggagacgucgugggaaUacggggu..... 1
 Gi2_11133272_x1.....aguacugcgaCcgagac..... 1
 Gi3_28623275_x1.....cgccCguacugcgauccgagacgucgug..... 1
 Gi1_4316594_x1.....cggagaAgucgugggaacacggggugcc..... 1
 Gi3_28826273_x1.....agcgccgucagcUccgccaauac..... 1
 Gl1_6224291_x1.....caguacugcgaAcggagacguc..... 1
 Gi3_28262726_x1.....caggccccccagucucCcg..... 1
 Gi3_28289781_x1.....cccgccagucugcgauccgGgagc..... 1
 Gi3_28481793_x1.....ucguggAaacacggggugcc..... 1
 Gi2_11356550_x1.....acgucgugggGacacggggugccg..... 1
 Gi1_4165380_x1.....gauUggagacgucgugggaacac..... 1
 Gi1_4377921_x1.....ucggagacgucgugggaacacggggUcc..... 1
 Gi3_28868573_x1.....agacgucgugggGacacggg..... 1
 Gi1_4308818_x1.....aacacggggugccgaaCcuu..... 1
 Gi5_9084103_x1.....cGgccagucugcgauccgaga..... 1
 Gi1_4172357_x1.....agUcgucgugggaacacggg..... 1
 Gi2_11146208_x1.....gcgauccgGagcugcugggga..... 1
 Gi2_11114297_x1.....Ugccagucugcgauccgaga..... 1
 Gi2_10993327_x1.....agacUucgugggaacacggggugccg..... 1
 Gl1_6311197_x1.....cccgccagucgAaucggagacguc..... 1
 Gi2_11326759_x1.....acgucgugggaacGcggggugccga..... 1
 Gi2_11046142_x1.....cccgccagucucCcgauccg..... 1
 Gl1_6337557_x1.....aUacgucgugggaacacg..... 1
 Gi3_28727375_x1.....gUcggagacgucgugggaacacgg..... 1
 Gi2_11118874_x1.....cgucgugCgaacacggggugccgaa..... 1
 Gi2_11084781_x1.....ccccgccagucugcgCucggagacguc..... 1
 Gi1_4349828_x1.....cgucgugggaacGcggggugccgaa..... 1
 Gi2_11166154_x1.....gacgucgugggaacacggggug..... 0
 Gi3_28761907_x1.....cgugggaacacggGgugccgaa..... 1
 Gi3_28814753_x1.....aucggUgacgucgugggaacacggggugc..... 1
 Gi2_11071412_x1.....gaucggagacgucguCggaacac..... 1
 Gi3_28823082_x1.....aagagaagcgccgucagccUc..... 1
 Gi2_11353046_x1.....cgugggaacacggggugccgaa..... 1
 Gi5_8871745_x1.....aggccccccGguacugc..... 1
 Gi1_4358394_x1.....ucgugggaacacgggAugccgaa..... 1

G1a_6257984_x1.....cgccaguacugcgauccggagCcguc..... 1
 Gi1_4187644_x1.....caggccAcgccaguacugcg..... 1
 Gi3_28459450_x1.....agaagcgccgucagggcccgU..... 1
 G1a_6031476_x1.....cgCcaggccccgccaguacugcg..... 1
 Gi2_11040622_x1.....cgucagggccccgccaguCcuagc..... 1
 Gi5_9061940_x1.....ccccgccaguacGcggaucggagacg..... 1
 Gi3_28898506_x1.....gaucggagacgCcgugggaaca..... 1
 Gi3_28636613_x1.....gucagggccccgcGaguacugcgauC..... 1
 Gi3_28432482_x1.....cgccgucagggccccgUcagu..... 1
 Gi2_11107477_x1.....ccgccaguacugcgacCcgag..... 1
 Gi1_4370461_x1.....gugggaacacggggGgccga..... 1
 Gi3_28840738_x1.....agaagcgccgucagggcccUgcca..... 1
 Gi3_28786285_x1.....aggccccgccagGacugcga..... 1
 Gi2_11285874_x1.ccAuaacucguuccgaau..... 1
 Gi3_28547849_x1.....acgAcgugggaacacggggugcc..... 1
 Gi1_4213091_x1.....gUagacgucgugggaacacggggug..... 1
 Gi5_9002715_x1.....acgucAugggaacacggggugccgaac..... 1
 Gi2_11245257_x1.....ugcgauccggagacgucgugggaacacggg..... 0
 Gi2_11303391_x1.....gagaagUgccgucagggccccg..... 1
 G1a_6039076_x1.....cgauccggagacgucgugggaCcacggggugc..... 1
 Gi3_28734935_x1.....agaagcgUgucagggcccc..... 1
 Gi5_9083940_x1.....aCgccccgccaguacugcga..... 1
 Gi1_4354671_x1.....agUcugcugugggaacacggg..... 1
 Gi1_4387461_x1.....ucgugggaacacggggugcU..... 1
 G1a_6091680_x1.....gaagGgaagcgccgucagggcccc..... 1
 Gi1_4160997_x1.....ggagacgucgugggaacacggggugcU..... 1
 Gi3_28638622_x1.....cgccgucagggccccgccaguacugA..... 1
 Gi3_28768575_x1.....agGacugcgauccggagacgu..... 1
 Gi1_4366900_x1.....cgauccggagacgucgugggaacacgg..... 0
 Gi5_8973610_x1.....ucAugggaacacggggugcc..... 1
 Gi3_28484806_x1.....uggUaacacggggugccga..... 1
 Gi3_28786820_x1.....gccagCacugcgauccggag..... 1
 Gi2_11315056_x1.....aucggaAacgucgugggaacacgg..... 1
 Gi3_28817667_x1.....ucggagacgucgugggaacacggggUac..... 1
 Gi1_4286657_x1.....aucggagacgucgugggaacacggggGgc..... 1
 Gi2_11109650_x1.....aagagaagNgccgucagggccccgccaguacugc..... 1
 Gi3_28928419_x1.....ggagacgucAugggaacacggggU..... 1
 G1a_6190150_x1.....gaagUgaagcgccgucagggcccc..... 1
 Gi5_9045110_x1.....ugggaacacggggugccgUa..... 1
 G1a_6120721_x1.....ucggagacgucgugggaacGcgggugc..... 1
 Gi3_28579379_x1.....cgaaauaCgaagagaagcgccguc..... 1
 Gi2_11333671_x1.....gaucggagacgucgugggaUacggggugcc..... 1
 Gi3_28271235_x1.....gccgucagggccccgccagua..... 0
 Gi3_28490806_x1.....caggccccgccaguaAugcgauc..... 1
 G1a_6297103_x1.....gaacacggggugccgUacu..... 1
 Gi2_11029823_x1.....ccgucagggccccgccaguaUugcgauc..... 1
 Gi3_28518136_x1.....gagaagcgccgucCggccccg..... 1

Gi2_11055407_x1.....caggccccccagacuacugcgGucgga..... 1
 Gi2_11150159_x1.....ucgugggaacaUggggugccg..... 1
 Gi5_8915090_x1.....cgugggaUcacggggugccg..... 1
 Gi3_28391360_x1.....gccgGcaggccccccagau..... 1
 Gi2_10997554_x1.....gucaggAcccgccagacuacugcg..... 1
 Gi3_28320005_x1.....agcgcUgucaggccccgcc..... 1
 Gi4_579690_x1.....Gaggccccccagacuacugcg..... 1
 Gi2_11177724_x1.....cgGcaggccccccagacuacugcgau..... 1
 Gi3_28333671_x1.....ggagacgucgugggaacacggggAgccgaacu..... 1
 Gi5_9132631_x1.....cgucgugggaacacggggugccgaC..... 1
 Gi4_571454_x1.....Ugagaagcgcgcucaggccccgcc..... 1
 Gi2_11215995_x1.....gugggaacacggggugccCaac..... 1
 Gi1a_6223544_x1.....cgugAgaacacggggugccg..... 1
 Gi1_4251418_x1.....ugggaacacggggCgccgaa..... 1
 Gi3_28353338_x1.....ugcgaucggagacgucgugggaacacggggG..... 1
 Gi3_28432417_x1.....gucgugggaacacggggugccUaac..... 1
 Gi1_4370002_x1.....ggaaGacggggugccgaac..... 1
 Gi3_28620276_x1.....ggccccccagacuacugcgau..... 1
 Gi5_9123580_x1.....caggAcccgccagacuacugcgau..... 1
 Gi2_11046364_x1.....cccgccaguGcugcgauccggag..... 1
 Gi1_4349705_x1.....cUgagacgucgugggaacacggggugccga..... 1
 Gi1a_6145931_x1.....cgucaggccccccagacuacugAg..... 1
 Gi1_4357092_x1.....cgucgugggaacacggggugcGgaacu..... 1
 Gi3_28706225_x1.....gcgauccggagacgucgAgggaacacggggug..... 1
 Gi3_28969246_x1.....gccgucaggccccccagAacugcg..... 1
 Gi1a_6105516_x1.....ugggaacacggUgugccgaacu..... 1
 Gi3_28941686_x1.....aguacugcgauccAgagacgucguggg..... 1
 Gi1a_6073899_x1.....cgucaggccccccCguacugc..... 1
 Gi3_28758458_x1.....gaacacggggugccAaacuu..... 1
 Gi2_11322558_x1.....agaagcgcgcucaggccccgcA..... 1
 Gi1_4214702_x1.....gggaacacggggugccgCacuu..... 1
 Gi2_11134312_x1.....gucgugggaacacggggugccgG..... 1
 Gi1_4173509_x1.....cgucgugggaacacggggugcAgaacu..... 1
 Gi2_11237568_x1.....ggagacgucgugggaacacggggugccU..... 1
 Gi2_11332576_x1.....cgugggaacacggggGgcc..... 1
 Gi5_8965818_x1.....agacgucgugggaacacggggugUcgaacu..... 1
 Gi2_11023640_x1.....cccgccaguCucggaucggagacguc..... 1
 Gi1_4277803_x1.....guUggaacacggggugccgaac..... 1
 Gi1_4264931_x1.....cgugggaacacggggugccgG..... 1
 Gi3_28297220_x1.....gcgauccggagacgucgugggaacacgAggugccga..... 1
 Gi5_9057716_x1.....ucggagacgucgGgggaacacggggugccg..... 1
 Gi5_8877968_x1.....aucggGgacgucgugggaacacggggugc..... 1
 Gi2_11378736_x1.....ggccccUcagacuacugcgau..... 1
 Gi5_9117697_x1.....gaagcgcNucaggccccgcc..... 1
 Gi4_582119_x1.....cgucgugggaacacggggugccgC..... 1
 Gi3_28693499_x1.....cgccagCacugcgauccggagacguc..... 1
 Gi3_28880478_x1.....gaucggagacguAgugggaacacg..... 1

Gi3_28624438_x1.....cguGgugggaacacggggugccgaac..... 1
Gi2_10999194_x1.....gaucgAagacgucgugggaacacggggu..... 1
Gi5_8925555_x1.....aucggagacgucgugggaacGc..... 1
Gi2_11225268_x1.....cggagacgucgCgggaacacggggugc..... 1
Gi2_11077724_x1.....ugggaaUacggggugccg..... 1
G1a_6030401_x1.....aguGcugcgauccgagacguc..... 1
Gi3_28771825_x1.....ggagaUgucgugggaaca..... 1
Gi2_11242637_x1.....cgucgugggaacacggggAgccgaac..... 1
Gi5_9041307_x1.....cccgccaguacugcgauccAgagacgu..... 1
Gi3_28913409_x1.....agacgucgNgggaacacggggugccgaa..... 1
Gi2_11131966_x1.....cgccaguacugcgauccgagGcgucgu..... 1
Gi5_8863318_x1.....caggccccgccaguacuAc..... 1
Gi5_8989656_x1.....cggagacgNcgugggaacacggg..... 1
Gi5_9052130_x1.....gaucggagCcgucgugggaacacggg..... 1
Gi3_28282508_x1.....cgauccgagacgucgGgggaacacggggugc..... 1
Gi3_28844831_x1.....ucgugggCacacggggugccg..... 1
Gi3_28420573_x1.....agUccccgccaguacugcgauccgagacgucgug..... 1
Gi1_4238076_x1.....ucggagacgAcgugggaacacggg..... 1
Gi2_11162244_x1.....gcNccgucagggccccgccaguacug..... 1
Gi3_28541296_x1.....gucgugggaacacggggCugccgaac..... 1
Gi3_28505302_x1.....cgauccgagacgucgugggaGcacg..... 1
Gi2_11267893_x1.....gagaagcgccgucagggUcccgcc..... 1
Gi5_8922740_x1.....gacgucgAggggaacacggggugccgaacu..... 1
Gi3_28947315_x1.....caggccccgccaguacugcgauccgGgac..... 1
Gi3_28911859_x1.....cccgccaguaUugcgauccgagacgucgug..... 1
Gi3_28665022_x1.....ccgccaguacugcgauccgUgacgu..... 1
Gi3_28400422_x1.....ucaggccccgccGguacug..... 1
Gi1_4225090_x1.....ucUggccccgccaguacugcgauccgga..... 1
Gi2_11246072_x1.....aggcAccgccaguacugcg..... 1
Gi2_11266244_x1.....aguacugcgauccAgagacguc..... 1
Gi3_28608585_x1.....cgucgugggaacacggggugccgaaA..... 1
Gi3_28837145_x1.....aagagaagcgcgUgucagggccc..... 1
Gi3_28863240_x1.....gacgucgugggaacacggggugcGgaac..... 1
Gi2_11331983_x1.....Cucgugggaacacggggugccg..... 1
G1a_6208341_x1.....cgucagCccccgccaguacugcg..... 1
Gi3_28667606_x1.....acugcgauccgGgacguc..... 1
Gi3_28577365_x1.....cccgUcaguacugcgauccgagacgu..... 1
Gi2_11007063_x1.....gugggaGcacgggugccgaaacu..... 1
Gi2_11105072_x1.....ucgugggaNcacggggugc..... 1
Gi2_11345505_x1.....aacCcggggugccgaaacu..... 1
Gi5_8884077_x1.....ucaggccccgccagCacugcg..... 1
Gi2_11132485_x1.....caggccccccaguaGugc..... 1
G1a_6306071_x1.....aggccccccaguaGugcgaucc..... 1
Gi3_28512927_x1.....gcgUcgucagggccccccagu..... 1
Gi2_11312986_x1.....gacgucgCgggaacacggg..... 1
Gi2_11191084_x1.....cgccaguaNugcgauccgagacg..... 1
Gi2_10996622_x1.....acAucgugggaacacggg..... 1

G1a_6306128_x1.....Acggagacgucgugggaaacacgg..... 1
 Gi3_28924654_x1.....ggGgacgucgugggaaacacggggugccgaac..... 1
 Gi5_8950464_x1.....cguggAaacacggggugcc..... 1
 Gi3_28451417_x1.....cggagacgucgCgggaacacg..... 1
 Gi2_11006797_x1.....acgucUugggaacacggggugcc..... 1
 Gi3_28740229_x1.....Gucggagacgucgugggaaacacggggugccgaacu..... 1
 Gi5_8957623_x1.....gacgucgugggaaacacgggAugccgaacu..... 1
 Gi1_4233384_x1.....cguUggaacacggggugccgaac..... 1
 Gi2_11216762_x1.....gucagggccccccagacuagcgaucggagacA..... 1
 Gi3_28632708_x1.....gaucggagacguGgugggaaacacggg..... 1
 Gi2_11051578_x1.....aucggagacgucgAgggaaacacgggu..... 1
 Gi3_28733679_x1.....cgauccggagacgucgugggaaacacgAggugc..... 1
 G1a_6290246_x1.....gcgaucggGgacgucgugggaaacacggg..... 1
 Gi3_28672564_x1.....ccagacuagcgaUggagacgucgu..... 1
 Gi2_11150888_x1.....ccgccagacuagcgaUgg..... 1
 Gi2_11024032_x1.....ccgucagggccccgUcagacuagc..... 1
 G1a_6055995_x1.....aguacugcNaucggagacgucg..... 1
 Gi1_4337372_x1.....cUgucagggccccccagacuagcgaucgga..... 1
 Gi2_11102917_x1.....agggccccccagacuagcgaucggGgac..... 1
 Gi1_4211525_x1.....gugggaaacUcggggugccga..... 1
 Gi2_11365008_x1.....cgucgugUgaaacacggggugccg..... 1
 Gi3_28294608_x1.....gaucggagacgucgugggaaacGcggggug..... 1
 Gi3_28944585_x1.....gagacgucgugggaaacacggggugccgCac..... 1
 Gi3_28379668_x1.....agaagcgcccgucagggccccUgccagu..... 1
 G1a_6102128_x1.....gaucggagacgucguggAaacacg..... 1
 G1a_6001175_x1.....aucggagacgucgCgggaacacgg..... 1
 Gi3_28939792_x1.....gaucggagacgucgugggaaacacgggCu..... 1
 G1a_6154179_x1.....gugggaaacUcggggugccgaac..... 1
 G1a_6084169_x1.....cgggagacgucgugggGacacgg..... 1
 Gi2_11118674_x1.....cUccgccagacuagcgaucggagacg..... 1
 Gi5_8978876_x1.....uCcgaucggagacgucguggg..... 1
 Gi2_11028499_x1.....ccccgccagacuagcgcCucgg..... 1
 Gi3_28708400_x1.....cgccgucagggccccgcccUguacu..... 1
 Gi2_11191421_x1.....guacugcgauacAgagacgucguggg..... 1
 Gi3_28544128_x1.....cgggagacgNcugggaaacacggggugccgaa..... 1
 Gi5_9060290_x1.....ugcgauccggagacgucguAggaaacacggg..... 1
 Gi3_28969903_x1.....ccccgUcagacuagcgaucggagacgu..... 1
 Gi3_28323714_x1.....ggccccgcUaguacugcgau..... 1
 Gi3_28630285_x1.....ucagggccccccagacuagcgaucgUag..... 1
 Gi2_11194729_x1.....gucaCgccccgccagacuagc..... 1
 Gi5_8837051_x1.....ccccccagacuagcgaucggagacg..... 0
 Gi2_11228575_x1.....cagCacugcgauccggagacguc..... 1
 Gi2_11157968_x1.....ggAcccgccagacuagcgauc..... 1
 Gi3_28697996_x1.....ccgccagacuagcgaucggGgac..... 1
 Gi3_28650199_x1.....aggccccgccaCuacugcgaucgg..... 1
 Gi3_28466788_x1.....cgucagggccccccaguaAugc..... 1
 G1a_6203086_x1.....cgccagacuagcgaucggagacguc..... 1

Gi1_4257202_x1.....aggcUccgccaguacugcgau..... 1
 Gi3_28915140_x1.....ucagAccccgccaguacugcg..... 1
 Gi3_28377940_x1.....ggagacgucguggUaacacggggugcc..... 1
 Gl1a_6142777_x1.....aucggagacgucgugggaacacggA..... 1
 Gi2_11022390_x1.....cgucgugggaGcacgggg..... 1
 Gi4_583593_x1.....aagagaagcgccgucaggccccg..... 0
 Gi5_9021961_x1.....cgugggaacacgAggugccg..... 1
 Gi2_11004531_x1.....cgucguggAaacacggggugccgaac..... 1
 Gl1a_6339257_x1.....gaacacgAgugccgaac..... 1
 Gi2_11361519_x1.....gacgucgugggaacacAgggg..... 1
 Gi4_577034_x1.....uCGgaacacggggugccgaacu..... 1
 Gi2_11120544_x1.....Uucggagacgucgugggaacacggggugccg..... 1
 Gi1_4276979_x1.....cgccaguacugcgauccgGgacguc..... 1
 Gi2_11248684_x1.....cgugggaacacgGgugccgaac..... 1
 Gi5_8855934_x1.....ucguggUaacacggggugccgaacu..... 1
 Gl1a_5994533_x1.....cgugggaUacggggugcc..... 1
 Gi3_28369862_x1.....ggaacaGggggugccgaac..... 1
 Gi3_28922007_x1.....agagaagcgccgCcaggccccg..... 1
 Gl1a_6020466_x1.....Augggaacacggggugccgaa..... 1
 Gi4_576649_x1.....gggaacacggggugUcgaacu..... 1
 Gi3_28643295_x1.....ucgugggaacacggggUcCcgaa..... 1
 Gi3_28793840_x1.....cgauccggaAacgucgugggaacacg..... 1
 Gi1_4257859_x1.....gaUacgucgugggaacacggggugccg..... 1
 Gi3_28353340_x1.....ucggagacgucgAgggaacacg..... 1
 Gi2_10997561_x1.....aggcGccgccaguacugcgauccgagac..... 1
 Gi3_28284084_x1.....gUcgucgugggaacacgggg..... 1
 Gi5_9065120_x1.ccuuaacuNguuccgaau..... 1
 Gl1a_6018681_x1.....caggccccgccCguacugc..... 1
 Gi5_8871182_x1.....cgucgugggaacacAgggugccga..... 1
 Gi4_588749_x1.....gggaacacggggugccgaGc..... 1
 Gl1a_6044266_x1.....gauccgagacgucAugggaa..... 1
 Gi4_611346_x1.....aAcggagacgucgugggaacacggggugcc..... 1
 Gi3_28722370_x1.....gGgauccgagacgucgugggaacacggggug..... 1
 Gi5_9136080_x1.....aucggagacgucgugggaacacAgg..... 1
 Gi2_11376466_x1.....gacgucgugggaacacggggugA..... 1
 Gl1a_6223974_x1.....gUagacgucgugggaacacggggugccgaacu..... 1
 Gi5_9022783_x1.....Nucggagacgucgugggaacacggg..... 1
 Gl1a_6340869_x1.....gaAcggagacgucgugggaacacggggg..... 1
 Gl1a_6288085_x1.....ggaacacgAggugccgaacu..... 1
 Gi5_8874845_x1.....Accgucagggccccccaguacugc..... 1
 Gi2_11195538_x1.....gaUgcgcgucagggccc..... 1
 Gi1_4159588_x1.....aaGacggggugccgaacu..... 1
 Gi5_9071434_x1.....Uggaacacggggugccgaacu..... 1
 Gi3_28613139_x1.....aucggagacgucgGgggaacacg..... 1
 Gi1_4237278_x1.....ucaggccccgUcaguacugcgau..... 1
 Gi3_28911910_x1.....ucggagacgucgugggaacacgUggugcc..... 1
 Gi2_11216776_x1.....acgucguAggaacacggggugccg..... 1

Gi5_8882536_x1.....aucggagaNgucguggggaaca.....1
 Gi3_28688961_x1.....ggccccgcNaguacugcgau.....1
 Gi5_9094656_x1.....gagaagcgccgucagggccccG.....1
 Gi2_11353749_x1.....aggccccgccaguacugGgau.....1
 Gi1_4227037_x1.....gagacgucguggggaacacggggugc.....0
 Gi2_11301867_x1.....aucUgagacgucguggggaacacggggg.....1
 Gi3_28888607_x1.....aucggagacguUguggggaacacgggg.....1
 Gi3_28500430_x1.....aggccccgccCguacugcgauccggagacg.....1
 Gi2_11276973_x1.....gaagcgccgucagggGccc.....1
 Gi3_28510652_x1.....ucguggggaacacggggugcAg.....1
 Gi3_28690632_x1.....ggccccgccaguacugAga.....1
 Gi2_11234850_x1.....ggagacgucguggggaacaA.....1
 Gi1_4302643_x1.....Gcagggccccccaguacugcgauccgga.....1
 Gi1_4255536_x1.....gaucggagNcgucguggggaacac.....1
 Gi1_4277193_x1.....cagggccccgccaguacuAcgauc.....1
 Gi3_28335812_x1.....cguNguggggaacacggggugccga.....1
 Gi2_11258136_x1.....cucguuccgaaauaggaagagaagc.....0
 Gi3_28575332_x1.....cccgccaguacugcgaCcgag.....1
 Gi5_9066133_x1.....acgucgugggGacacggggugccg.....1
 Gi5_8954971_x1.....cagggccccccaAuacugcgau.....1
 Gi2_11392980_x1.....gagacguUguggggaacacggggugcc.....1
 Gi5_9128489_x1.....ugggaacUcggggugccgaa.....1
 Gi2_11379039_x1.....gggaacacggCgugccgaacu.....1
 Gi5_9103489_x1.....guggggaacacgUggugccgaacu.....1
 Gi3_28505910_x1.....aucggagacgucgugggUacac.....1
 Gi3_28784030_x1.....gcgaucggGgacgucguggggaacacggg.....1
 G1a_6084089_x1.....cGccgccaguacugcgauccgagacguc.....1
 Gi4_603115_x1.....auAggagacgucguggggaacacggggugcc.....1
 Gi2_11075590_x1.....aucUgagacgucguggggaaca.....1
 Gi2_11022979_x1.....acgucguggggaacacggUgugccgaacu.....1
 G1a_6321111_x1.....Ggucagggccccgccaguacu.....1
 Gi3_28274010_x1.....aagagaagcgccgucagggccccAccagua.....1
 Gi2_11257254_x1.....agacgucguggggaacacggAgugcc.....1
 Gi3_28385404_x1.....gucagAccccgccaguacugcgauccg.....1
 Gi5_9054026_x1.....ucggagacgucguggggaacaUg.....1
 G1a_6141768_x1.....cagggccccgccaguCcug.....1
 Gi1_4321439_x1.....Cgagacgucguggggaacacggggugccg.....1
 Gi5_9001101_x1.....cgucguggggaacGacggggugc.....1
 Gi5_9024730_x1.....gaucggagacguUguggggaacac.....1
 Gi3_28734288_x1.....acucUuuccgaaauaggaagagaagcgccguc.....1
 Gi3_28921032_x1.....caguCcugcgauccggagacgucgug.....1
 Gi3_28921822_x1.....aggccccgccaguacugcgU.....1
 Gi2_11171750_x1.....uacugcgauccggagaUgucgug.....1
 G1a_6180792_x1.....aucggagCcgucguggggaacacg.....1
 Gi3_28434463_x1.....acugcgauccggGgacgucg.....1
 Gi2_11314038_x1.....agaagcgccgucagggUccgccaagu.....1
 Gi3_28334617_x1.....gccGguacugcgauccggagacgu.....1

Gi3_28955945_x1.....cgugggCacacgggugccg..... 1
Gi1_4159918_x1.....aguacugUgaucggagacguc..... 1
Gi2_11012108_x1.....caguacugcgaucggGgacgucgugggaacacgg..... 1
Gi3_28761425_x1.....cgaucggagaAgucgugggaacacgg..... 1
Gi1_4364020_x1.....ucaggcUccgccaguacugcgaucgga..... 1
Gi3_28656846_x1.....ucaggcUccgccaguacugcgaucggag..... 1
Gi2_11177349_x1.....gaucggagacguUgugggaacacg..... 1
Gi5_9002070_x1.....gacgucgugggaacacggggugccgaaGu..... 1
Gi2_11168236_x1.....aucggagacguUgugggaacacgg..... 1
Gi4_567457_x1.....agacgucgNgggaacacggggugccgaacu..... 1
Gi3_28715193_x1.....ugcgauAggagacgucgugggaaca..... 1
G1a_6298951_x1.....Gcaggccccgccaguacugcgaucgg..... 1
Gi2_11303664_x1.....Nggccccgccaguacugc..... 1
Gi3_28765925_x1.....aucggagacgucgugggaacacgggguAc..... 1
Gi1_4338663_x1.....cgucguggNaacacggggugccg..... 1
Gi3_28694205_x1.....gccaguacugcgCucgga..... 1
Gi2_11285368_x1.....gaCcgagacgucgugggaacacgggg..... 1
Gi2_11055043_x1.....ggccccgccCguacugcgaucggagacgucg..... 1
Gi3_28828259_x1.....ccagGacugcgaucggagacguc..... 1
Gi2_11006890_x1.....guUcugcgaucggagacgucguggg..... 1
Gi3_28831421_x1.....aagagaagcgccgucagggcUc..... 1
Gi2_11195136_x1.....gaucggagacgucgugggaacacUg..... 1
Gi2_11034339_x1.....aagNggccgucagggccccgccaguacu..... 1
Gi2_11295828_x1.....gucgugggaacacgggCugccgaacu..... 1
Gi3_28466926_x1.....gucgugggaacacUgggugcc..... 1
Gi3_28474943_x1.....aguacugcgaCcgagacguc..... 1
Gi1_4346728_x1.....ugcgaucggGgacgucgug..... 1
Gi2_11049427_x1.....cgucgugggaacacggggugccAaac..... 1
Gi3_28383689_x1.....cgucgGgggaacacggggugc..... 1
Gi2_11059017_x1.....gaagGgaagcgccgucagggccccgcc..... 1
Gi3_28856103_x1.....gucgugggaacacggCgugcc..... 1
Gi5_9016641_x1.....gugggaacacgAggugccgaacu..... 1
Gi1_4384993_x1.....cggagacgucgugggaacacggggugcUgaacu..... 1
Gi3_28372346_x1.....gaagcgccgucagggccccgcUagua..... 1
Gi2_11090206_x1.....caggccAcgccaguacugc..... 1
Gi3_28299078_x1.....gaucggagaUgucgugggaacacggggugcc..... 1
Gi2_11273180_x1.....ucggagacgCcgugggaacacggggugcc..... 1
Gi3_28954476_x1.....ucggagaUgucgugggaacacg..... 1
Gi3_28436907_x1.....cggagacgucguggUaacacggggugcc..... 1
Gi1_4245263_x1.....Agccccccaguacugcgaucggagacg..... 1
Gi5_8861866_x1.....gucgugggaacacggggugccgaaA..... 1
Gi2_11033193_x1.....aucggagacgucCugggaacacggggugc..... 1
Gi5_8945266_x1.....cguggaaAacggggugccgaac..... 1
Gi2_11057141_x1.....gaucggagacgucgugggaacacgAggug..... 1
G1a_6316526_x1.....caguCcugcgaucggagacguc..... 1
Gi2_11163548_x1.....Ucggcaguacugcgaucggagacg..... 1
Gi2_11180081_x1.....gaagagaGgcccgucagggcc..... 1

Gi3_28462056_x1.....acugcgauccggagCcgucgug..... 1
Gi1_4271972_x1.....gaacacggggCgccaacu..... 1
Gi3_28338868_x1.....cagggcccgcagucgucgagacg..... 1
Gi4_595893_x1.....gAgggaacacggggugccgaacu..... 1
Gi3_28760425_x1.....ccgccaguCcuugcgauccggagacgucgug..... 1
G1a_6136106_x1.....Cgagacgucguggggaacac..... 1
Gi1_4269008_x1.....aacacggggugccgaacAu..... 1
G1a_6292413_x1.....cUaucggagacgucguggggaacacggg..... 1
Gi1_4279410_x1.....ggaUcacggggugccgaac..... 1
Gi3_28793304_x1.....agGagcgccgucagggcccgcagucgug..... 1
Gi1_4196233_x1.....cguAgggaacacggggugccgaa..... 1
Gi2_11238122_x1.....gagacgucAugggaacacggggugc..... 1
Gi2_11384385_x1.....gaucggagacgucguggggaacacggggugccgaacA..... 1
Gi5_9032307_x1.....gugggaacacggAgugccgaa..... 1
Gi2_11150113_x1.....acgucgugNgaacacggg..... 1
Gi5_8830122_x1.....cgugggaacacggggugccgaacuucU..... 1
Gi2_11075572_x1.....agagaagcgcUgucagggccc..... 1
Gi2_11317950_x1.....gacgucgugggUacacggggu..... 1
G1a_6065279_x1.....Uaagcgccgucagggcccgcagucgug..... 1
G1a_6343090_x1.....aagagaagcgccgCagggccc..... 1
G1a_6180255_x1.....aucggagacgucguggggaacacggggCg..... 1
Gi1_4364732_x1.....aucggagacgucgugggGacacggg..... 1
G1a_6266010_x1.....gacgucguggggaacGcggggu..... 1
Gi2_11231230_x1.....ucguccgaauaCgaagagaagcgccguc..... 1
Gi5_8838385_x1.....aggcccgcUcaguacugcgau..... 1
G1a_6056668_x1.....cGcgccagucgucgagacgucg..... 1
Gi3_28889025_x1.....gaagGgccgucagggcccgcagua..... 1
Gi3_28519085_x1.....ucggagacgucguggggaacacggAgugcc..... 1
Gi5_8904328_x1.....aUcggcgcagggcccgcagucgug..... 1
Gi5_9092572_x1.....ccgaauaCgaagagaagc..... 1
Gi3_28311152_x1.....cGcgccagucgucgagacgucgug..... 1
Gi1_4172082_x1.....gucagggcccgcagucguc..... 1
Gi2_11174739_x1.....ggagacgucguggggaacacgAggugccg..... 1
Gi1_4272641_x1.....cgugggaacNacggggugc..... 1
Gi3_28305928_x1.....gccccAccagucgucgagc..... 1
G1a_6274293_x1.....gugggaacNcggggugccgaac..... 1
Gi5_8935569_x1.....cguggAaacacggggugc..... 1
Gi2_11227737_x1.....gccgucagggcccgcAaguacugc..... 1
Gi1_4258967_x1.....acugcgauNggagacgucgug..... 1
Gi2_11235763_x1.....ugggaacacggggugccgaU..... 1
Gi3_28457155_x1.....agacgucguggggaacacggAgugccgaac..... 1
Gi1_4356266_x1.....cgccgucagggcccgcagucgug..... 1
Gi5_8966029_x1.....cagggcUcgccagucgug..... 1
Gi2_11187240_x1.....ggagacgucguggggaacacggggu..... 1
Gi2_11299713_x1.....cgccagucgucgagc..... 1
Gi1_4304967_x1.....acgucguggggaacacggggu..... 0
Gi2_11131123_x1.....cagggcccgcagCacugcgagacg..... 1

Gi1a_6049949_x1.....agGCCCCGccaguacAgcgaucggagacguc..... 1
 Gi1_4188215_x1.....acGgcgaucggagacgucg..... 1
 Gi3_28718048_x1.....gGgccgucagggccccccaguacugc..... 1
 Gi3_28705546_x1.....gacgucgugggaacacAgggugccg..... 1
 Gi1_4349693_x1.....uUggagacgucgugggaacacggggu..... 1
 Gi2_11186005_x1.....gagacgucgugggaacCcggggugccgaac..... 1
 Gi1a_6197900_x1.....uacuUcgauccggagacguc..... 1
 Gi2_11018487_x1.....caggcccAgccaguacugc..... 1
 Gi5_9048533_x1.....cgugggaacacggggugcG..... 1
 Gi2_11161862_x1.....agacgucgugggaGcacgggugccg..... 1
 Gi1_4188320_x1.....cccGCCaguacugcgaucggagacgucg..... 0
 Gi3_28732712_x1.....agacgucgugggaacacggggugccA..... 1
 Gi5_9097871_x1.....cUgccaguacugcgaucggagacguc..... 1
 Gi2_11381842_x1.....cgccaguacCgcgaucggaga..... 1
 Gi5_9117308_x1.....agcgcCGuNagggccccccaguacugcga..... 1
 Gi5_8889628_x1.....gaacacggggugccgaGu..... 1
 Gi5_8922476_x1.....caguacugcgaucgAagacguc..... 1
 Gi3_28351726_x1.....gaucggagCcgucgugggaaca..... 1
 Gi5_9119067_x1.....gaucggagacgucgugggCacacggggu..... 1
 Gi2_11086516_x1.....gaucggagacguUgugggaacac..... 1
 Gi2_11041376_x1.....aucggagacgucgugggaacaGggggugc..... 1
 Gi3_28315561_x1.....cgccgucagAccccgccag..... 1
 Gi1a_6168612_x1.....Cagagaagcgccgucagggcccg..... 1
 Gi4_590981_x1.....gugggaacacggggugccgaCcu..... 1
 Gi2_11080070_x1.....agaagcgccgucagggUccgcc..... 1
 Gi4_611726_x1.....agagaagcgccgucagggcccgc..... 0
 Gi3_28878021_x1.....acgucgugggaacacggggCgccga..... 1
 Gi3_28302869_x1.....ucaggccUcgccaguacugcga..... 1
 Gi2_11148471_x1.....cggagGcgucgugggaacacggggugccga..... 1
 Gi1_4192229_x1.....ugggaacCcggggugccgaac..... 1
 Gi5_8913558_x1.....cgucgugggaacacggggugcAga..... 1
 Gi2_11153364_x1.....caggccccgccaguacugAg..... 1
 Gi3_28543025_x1.....Caagagaagcgccgucaggg..... 1
 Gi5_8918902_x1.....Gucggagacgucgugggaacacggggugc..... 1
 Gi3_28775381_x1.....ccgccaguacugcgaucggagacUu..... 1
 Gi4_577894_x1.....cgGcaggccccgccaguacugc..... 1
 Gi2_11124960_x1.....gaagagaagAgccgucagggccc..... 1
 Gi2_11122132_x1.....ugggaacacUgggugccga..... 1
 Gi1_4327579_x1.....cgugggaacGcggggugccgaacu..... 1
 Gi3_28818447_x1.....gaagcgccgucagggAcccgcc..... 1
 Gi2_11030349_x1.....ucgugggaUcacgggugccgaac..... 1
 Gi3_28889876_x1.....ucaggcUccgccaguacug..... 1
 Gi1a_6245439_x1.....aucAgagacgucguggga..... 1
 Gi2_11149341_x1.....aacacggCgugccgaacu..... 1
 Gi3_28460484_x1.....cgugggaacUcggggugccga..... 1
 Gi2_11185202_x1.....agagGagcgccgucagggccccgcca..... 1
 Gi2_11165318_x1.....cguggCaacacggggugc..... 1

Gi3_28285505_x1.....ugcgauUggagacgucgugggaaacacg..... 1
 Gi5_9133249_x1.....uUcgaucggagacgucgugggaaacacggg..... 1
 Gi3_28731744_x1.....Cccgucagggccccccaguuacu..... 1
 Gi2_11332598_x1.....gucagAccccgcccaguuacugcg..... 1
 G1a_6333617_x1.....Ugucagggccccccaguuacugcg..... 1
 Gi3_28423660_x1.....ccccgcccaguuAugcgauccggagacgu..... 1
 Gi3_28631449_x1.....gaagagCagcgccgucagggccccgccc..... 1
 Gi4_583576_x1.....Gcgugggaaacacggggugccgaac..... 1
 Gi1_4307275_x1.....cgAgggaaacacggggugccg..... 1
 Gi3_28866976_x1.....gcgauccggagacgucgugggaaA..... 1
 Gi2_11049906_x1.....caggccccUgccaguuacugcgauccg..... 1
 Gi2_11293822_x1.....aucggagUcgucgugggaaacacggggugcc..... 1
 Gi5_8980991_x1.....cggAacgucgugggaaacacggggugccga..... 1
 Gi1_4187734_x1.....ucggagacgucgugggAaacacggg..... 1
 Gi2_11243662_x1.....gugggaaacacggggGgccgaacuu..... 1
 Gi3_28575365_x1.....cgucgAgggaaacacggggugccg..... 1
 Gi1_4244665_x1.....gaagagaagcgccgucGggccccccaguu..... 1
 Gi3_28273487_x1.....ccccgcccaguuacugcgGu..... 1
 Gi2_11162548_x1.....agagaagcgccgucagggAccccgccc..... 1
 Gi3_28453041_x1.....aguacugcgauccggagacgucgCggg..... 1
 Gi1_4237187_x1.....ucgugggaaacaUggggugccgaac..... 1
 Gi1_4226016_x1.....ucgugggaaacUcgggugccgaacu..... 1
 Gi2_11092218_x1.....cCgagacgucgugggaaacacg..... 1
 Gi5_9034431_x1.....gacgucgugggaaacacggggugcGgaacu..... 1
 Gi1_4338118_x1.....agacgucgugggaaacacggggugc..... 0
 Gi2_11018488_x1.....cgucguggAaacacggggugcc..... 1
 Gi3_28592886_x1.....gacgucgUAggaaacacggggugccgaac..... 1
 Gi2_11332971_x1.....gccccgcccaguuacugcgauccggagac..... 0
 Gi3_28429776_x1.....aacucguuccgaaauaCgaagagaagcg..... 1
 Gi4_591913_x1.....gcUaguacugcgauccggagacguc..... 1
 G1a_6006867_x1.....agagGagcgccgucagggccccgccc..... 1
 G1a_6200224_x1.....ggccccccaguuacugcgUuc..... 1
 Gi2_10993657_x1.....cgauccggagacguUgugggaaacacggg..... 1
 Gi1_4382999_x1.....cggagacgucgugggaaacacgggUugcc..... 1
 Gi5_9118646_x1.....gugggaaacacUggggugccgaac..... 1
 Gi3_28383401_x1.....cgugggaaacacgAgggugccg..... 1
 Gi5_8974852_x1.....aggcAccgcccaguuacugcgaucc..... 1
 Gi2_11010536_x1.....cgauccggagacgucgugAgaacacggg..... 1
 Gi1_4268365_x1.....ccccgccaNuacugcgaucc..... 1
 Gi1_4190278_x1.....gccaguuacugcgauccgCgacg..... 1
 Gi2_11196308_x1.....ccaguuacugcgauccggagau..... 1
 Gi1_4221530_x1.....cgugggaaacacggggugccgaUuu..... 1
 Gi3_28317941_x1.....agacgucgugggAaacacggg..... 1
 Gi4_586201_x1.....ggaacacgNggugccgaacu..... 1
 Gi1_4332658_x1.....guacugcgauccggagGcgucg..... 1
 Gi2_11263325_x1.....agaagcgccgCcagggccccccaguu..... 1
 Gi2_11132177_x1.....Agccccgcccaguuacugcgau..... 1

Gi3_28879965_x1.....ggagacgucgugggaacacggggugccgaG..... 1
 Gi5_9000953_x1.....gugggaacacggggCgccga..... 1
 Gi2_11376636_x1.....cUcgccaguacugcgauccgagacgucg..... 1
 Gi3_28302155_x1.....cgccgucaggccccgccGgu..... 1
 Gi3_28432823_x1.....gccgucaggccccgccaguGc..... 1
 Gi3_28720484_x1.....guacugcgauccgUagacg..... 1
 Gi3_28935847_x1.....ggagacgucgugggaGcacggggugccgaa..... 1
 Gl1a_6192155_x1.....aucggagacgucguAggaacacgg..... 1
 Gi1_4160338_x1.....ucggGgacgucgugggaacacggggugc..... 1
 Gi2_11040993_x1.....agagaagcgccgucaggccc..... 0
 Gi2_11021818_x1.....ggccGcgccaguacugcgaucc..... 1
 Gi2_11319798_x1.....aucggagacgucgugggaacacggAgugccgaa..... 1
 Gi3_28454791_x1.....cgauccgagacgucguUggaacacg..... 1
 Gl1a_6195701_x1.....uaUugcgauccgagacguc..... 1
 Gi4_575089_x1.....Cccaguacugcgauccgagacguc..... 1
 Gi3_28400955_x1.....agacgCcgugggaacacggggugccgaa..... 1
 Gi2_11228099_x1.....cgNgggaacacggggugc..... 1
 Gi5_9120656_x1.....gaCcacggggugccgaa..... 1
 Gl1a_6137265_x1.....gucaggccccAgccaguacugcg..... 1
 Gl1a_6184538_x1.....aaucaggaagagaagcgccguc..... 1
 Gi2_11399549_x1.....gagacgucgugggaGcacggggugccgaa..... 1
 Gi1_4182887_x1.....Aucgugggaacacggggugccgaa..... 1
 Gi3_28281011_x1.....cgucgugggaacCcgggg..... 1
 Gi2_11021097_x1.....ggccccAccaguacugcgaucc..... 1
 Gi1_4252026_x1.....caggGccccccaguacugc..... 1
 Gl1_4359484_x1.....Agucgugggaacacggggugcc..... 1
 Gi3_28887758_x1.....caggccccccaguacugAgau..... 1
 Gi5_8993553_x1.....acgucgugggaacacgAggugccga..... 1
 Gl1_4193230_x1.....ucgugggaAacggggugccgaa..... 1
 Gl1a_6335638_x1.....aCgggagacgucgugggaacacgggg..... 1
 Gl1a_6248365_x1.....auUgggagacgucgugggaacacgggg..... 1
 Gl1_4274435_x1.....cccGgcaguacugcgauccg..... 1
 Gi4_586926_x1.....gugggaCcacggggugccga..... 1
 Gi2_11021073_x1.....aaCagaagcgccgucaggccccgcca..... 1
 Gi3_28546796_x1.....cgucaggccccgcUaguacugcgauccg..... 1
 Gi3_28403399_x1.....gucaggccccgccaguacGg..... 1
 Gi2_11015708_x1.....cgucaggccUcgccaguacugcg..... 1
 Gl1a_6280031_x1.....gaagcgccgucaggccccgAca..... 1
 Gi2_11027609_x1.....aucggagacgucgugggaacacgUg..... 1
 Gi5_8997692_x1.....cgccaguacugcUaucggagacguc..... 1
 Gi2_11295797_x1.....aggccccccaguacugcCa..... 1
 Gi3_28703310_x1.....aguacugcgauccgagac..... 0
 Gi3_28261137_x1.....aggccccccaguacugUga..... 1
 Gl1a_6327953_x1.....gucaggccccccaguGcugcg..... 1
 Gi3_28535604_x1.....gcgaucAgagacgucguggga..... 1
 Gi3_28313946_x1.....gccgucaggccccccaguacugcA..... 1
 Gl1a_6275276_x1.....caguacugcgauccggaAacguc..... 1

G1a_5983383_x1.....ucggagacNucgugggaacacgg..... 1
 Gi1_4204810_x1.....gugggaacacgggAugccga..... 1
 G1a_6031269_x1.....cgucgugggaaacGcggggugccgaacu..... 1
 Gi3_28621995_x1.....Gucguuccgaaauaggaagagaagcgcgcugacg..... 1
 Gi3_28494686_x1.....acgucgugggaCcacggggugccga..... 1
 Gi3_28291438_x1.....ucggagacgucgugggaaAacggggg..... 1
 Gi3_28511219_x1.....ugggaacacggUgugccga..... 1
 Gi2_11113661_x1.....aUgagaagcgcgcugacggcccc..... 1
 Gi2_11075975_x1.....gccaguacugcgGucggagacgu..... 1
 Gi3_28339607_x1.....cgccaguacugcUaucggagac..... 1
 Gi3_28873479_x1.....uUggagacgucgugggaaacacggg..... 1
 G1a_6198196_x1.....gggaacacggggugcAgaac..... 1
 Gi5_9077063_x1.....ccgcaguacugcgaucggagCcguc..... 1
 Gi1_4344620_x1.....ucaggccccgccaguacugcAauc..... 1
 Gi2_11070034_x1.....caggccccgccaguacugUgaucgga..... 1
 Gi3_28557955_x1.....Ggcgaucggagacgucgugggaaacacggg..... 1
 Gi5_9067617_x1.....caggccccgUcaguacugcg..... 1
 Gi1_4311416_x1.....Cgggagacgucgugggaaacacggggugc..... 1
 Gi3_28853400_x1.....gaucggagaAgucgugggg..... 1
 G1a_6292837_x1.....Cggccccgccaguacugc..... 1
 Gi3_28898609_x1.....acgucgugggaaUacggggugcc..... 1
 Gi1_4383926_x1.....gAgaacacggggugccgaac..... 1
 Gi4_581968_x1.....ugggUaacacggggugccgaacu..... 1
 Gi2_11173721_x1.....cgaucggagacgucgugggaaacacggAgugc..... 1
 Gi2_11038804_x1.....guacugUgaucggagacgucguggg..... 1
 Gi3_28505215_x1.....gccccgAcaguacugcgauc..... 1
 Gi2_11037573_x1.....caggcGccgccaguacugcgau..... 1
 Gi5_9004407_x1.....Ngucgugggaaacacggggugccgaacu..... 1
 Gi5_8936980_x1.....agacgucguggAaacacggggugccgaacu..... 1
 Gi2_11401586_x1.....gagacgucgugggaaacacggggCgccgaacu..... 1
 Gi3_28956006_x1.....ggccccgccagAacugcgaucgga..... 1
 Gi1_4352741_x1.....ggaacacggggUccgaac..... 1
 Gi2_11344286_x1.....cgucgugggaaacacgUggugc..... 1
 Gi3_28923915_x1.....gaagcgcgcugacggccccgccGguacugc..... 1
 Gi5_9127786_x1.....acgucgugggaaacacgggAugccgaacu..... 1
 Gi3_28831418_x1.....agaagcgcgcugcCggccccgccaguacug..... 1
 Gi3_28475397_x1.....ccccgccaguaAugcgaucggagacgucgug..... 1
 Gi3_28307798_x1.....aagagaagcgUcgucaggcccc..... 1
 Gi2_11385893_x1.....cgucaggcNccgccaguac..... 1
 Gi3_28752444_x1.....ucggagacAucgugggaaacacg..... 1
 Gi2_11219368_x1.....aucggagacgucgugggaaacacggggugG..... 1
 Gi3_28400109_x1.....gaucggagacgucgugggaaacacggA..... 1
 Gi3_28781955_x1.....cggagGcgucgugggaaacacggggug..... 1
 Gi2_11192440_x1.....gaccAcgugggaaacacggggugccgaac..... 1
 Gi2_11302551_x1.....Ggaucggagacgucgugggaaacacggggugcc..... 1
 Gi3_28774544_x1.....uacugcgaucggagacAu..... 1
 G1a_6278688_x1.....gggaacaUggggugccgaac..... 1

Gi5_8927404_x1.....uaUgaagagaagcgccgucagggc..... 1
 Gi3_28296184_x1.....acugcgaCcgagacguc..... 1
 Gi3_28297294_x1.....agggcccgccaguacugcgUucgga..... 1
 Gi3_28786633_x1.....cUcgccaguacugcgauccggaga..... 1
 Gi5_8863661_x1.....gaagcgccgucagggccUgccaguacug..... 1
 Gi2_10995451_x1.....cggagacgucgugggaaUac..... 1
 Gi3_28952971_x1.....gucgugggaacaGggggugc..... 1
 Gi3_28343116_x1.....gaucggagacgucgugggaaUcggg..... 1
 Gi2_11290228_x1.....aagUgcccgucagggcccgccaguacugc..... 1
 Gi3_28316642_x1.....gauGggagacgucgugggaaacacggggu..... 1
 Gi5_8893475_x1.....guUagggcccgccaguacugcg..... 1
 Gi2_11106817_x1.....ucggagGcgucgugggaaacacgggg..... 1
 Gi3_28529002_x1.....cgucgugggaCcacggggugccgaa..... 1
 Gi2_11081520_x1.....cgugggaaacUggggugccga..... 1
 Gl1a_6315853_x1.....aucggagacgucgugAgaacacgg..... 1
 Gi3_28375575_x1.....cagggcccgccaguacugcgauccggaAacguc..... 1
 Gi2_11341986_x1.....aGgucgugggaaacacggggu..... 1
 Gi5_9055896_x1.....cggagacgucguggAaacacg..... 1
 Gi5_9035580_x1.....cCguacugcgauccggagacgucgug..... 1
 Gi4_598314_x1.....guacugcgauccggagacguc..... 0
 Gi5_8976831_x1.....gugggaaacacggggAgccgaa..... 1
 Gi5_8966364_x1.....ucgugggaaacUcggggugccgaacu..... 1
 Gi2_11175061_x1.....aagcCccgucagggcccgccaguacugc..... 1
 Gl1a_6251801_x1.....cgugggaaacacggggguAc..... 1
 Gi1_4238386_x1.....ucgugggaaacacggggugccgaCc..... 1
 Gi2_11407411_x1.....gucgugggaaacacggggugccAa..... 1
 Gi1_4372978_x1.....ugggaaacacCggggugccgaacu..... 1
 Gi1_4292905_x1.....aucggagacgucguAgaacacggggugc..... 1
 Gi2_11143290_x1.....gaucggagUcugcugugggaaacacggg..... 1
 Gi3_28550315_x1.....cgucCugggaaacacggggugccg..... 1
 Gi3_28362479_x1.....Cgaagagaagcgccgucagggcccgcc..... 1
 Gi1_4312408_x1.....acgucgugggaaacacggggguAccgaacu..... 1
 Gi3_28950229_x1.....cgccaguacugcgauccgaga..... 1
 Gi3_28310754_x1.....gaagagaagcgccgucGggcccgccagua..... 1
 Gl1a_6179147_x1.....cgugggaaacacggggugccgaGc..... 1
 Gi5_9092231_x1.....cgucgugggaaacacggAgugccgaac..... 1
 Gi2_11155884_x1.....gcccgucagggcccgccUguacugcg..... 1
 Gl1a_6337510_x1.....gggaaacacAggggugccgaac..... 1
 Gi2_11348646_x1.....gcgaucAgagacgucgugggaaaca..... 1
 Gi5_8981120_x1.....ccgucaAgcccccgccaguacugcg..... 1
 Gi5_9030909_x1.....agggcccgccaguacuUcgauc..... 1
 Gi5_9071436_x1.....aucggGgacgucgugggaaacacgg..... 1
 Gi3_28681754_x1.....gucgugggaaGacggggugccgaac..... 1
 Gi3_28800790_x1.....aagagaagcgccgucagggcccgAca..... 1
 Gi3_28829287_x1.....gccaguacugUgaucggagacgu..... 1
 Gl1a_6337559_x1.....acgucgugggaaacCcggggugccgaacu..... 1
 Gi2_11357594_x1.....aucggagacgucUugggaaacacggggugcc..... 1

Gi5_8978993_x1.....agacgucgugggaacacggggugcAgaac..... 1
 Gi2_11318610_x1.....ucaggccccgccaguacugcgaucgg..... 0
 Gi1_4302488_x1.....gcgaucggagacgucgugggaacacggggugccga..... 0
 Gl1a_6359702_x1.....cgugggaacacgAgggugcc..... 1
 Gi2_11132721_x1.....aggccccgccaguacugAgaucg..... 1
 Gi2_11086522_x1.....acgucgugggaacacgAgggugc..... 1
 Gl1a_6092107_x1.....acugcgaucggGgacguc..... 1
 Gi3_28318008_x1.....gagaagcgccguUaggccccgccaguacugc..... 1
 Gi1_4267097_x1.....gacgucguNggaacacggggugccgaac..... 1
 Gi2_11138447_x1.....aguaucugcgaucUgagacguc..... 1
 Gi2_11285136_x1.....cUcgccaguacugcgaucggaga..... 1
 Gi1_4260111_x1.....aucggaUacgucgugggaacacgg..... 1
 Gi3_28524432_x1.....caggccccgccaguacuAcgaucggagacgu..... 1
 Gi2_11248173_x1.....ccgucGggccccgccaguacugcg..... 1
 Gi1_4378937_x1.....ucaggccccgccaguGcugcgauc..... 1
 Gi1_4361548_x1.....gaacacggNgugccgaac..... 1
 Gi1_4241130_x1.....gacgucgugggaacacggggugccgaaA..... 1
 Gl1a_6039213_x1.....aguaAugcgaucggagacgucg..... 1
 Gi3_28911524_x1.....gucgugggaacacggggugA..... 1
 Gi3_28658001_x1.....ucggagacgucgugggaaAacgg..... 1
 Gi2_11192724_x1.....gccaguacCgcaucggagacguc..... 1
 Gi2_11263006_x1.....ucggagGcgucgugggaacacggggu..... 1
 Gi5_9111466_x1.....ucgugggaGcacggggugccgaac..... 1
 Gl1a_6044964_x1.....Uacacggggugccgaacu..... 1
 Gi2_11363988_x1.....gucgugggaacacggAgugccga..... 1
 Gi5_9069111_x1.....ggccccgccaguacugcgaucggG..... 1
 Gi3_28359813_x1.....agagaagcgccgucagggcccU..... 1
 Gi5_9012986_x1.....aucggagGcgucgugggaacacg..... 1
 Gi3_28423166_x1.....agacAucgugggaacacggggugccgaac..... 1
 Gi3_28757017_x1.....ucguAggaacacggggugc..... 1
 Gl1a_6155480_x1.....gGgaagcgccgucagggcccccca..... 1
 Gl1a_6220338_x1.....cggGgacgucgugggaacacggggug..... 1
 Gl1a_6349188_x1.....caguacugcAaucggagacgucg..... 1
 Gi3_28283674_x1.....agagaagcgccgucagggAccgc..... 1
 Gi1_4356036_x1.....cggGgacgucgugggaaca..... 1
 Gi3_28390097_x1.....ucAugggaacacggggugccgaa..... 1
 Gi1_4368574_x1.....gagacgucgugggaaAacggggugcc..... 1
 Gi3_28282921_x1.....ggagacgucGgggaacacggggugccgaa..... 1
 Gi2_11019642_x1.....ugggaacacggCgugccga..... 1
 Gi3_28684693_x1.....gagacgucNugggaacacggggugc..... 1
 Gi1_4268619_x1.....ucgugggaacacggCgugccgaac..... 1
 Gl1a_6191149_x1.....agGacugcgaucggagacgucgug..... 1
 Gi1_4346591_x1.....gccgucaggAcccgccaguacu..... 1
 Gi2_11273172_x1.....aguaucugcgaucggCgacguc..... 1
 Gi3_28679052_x1.....ccgucagggccccgccaguaUugcgaucgga..... 1
 Gi3_28381453_x1.....gaagagaagcgUgucagggc..... 1
 Gl1a_6204354_x1.....Cgaagcgccgucagggccccgc..... 1

Gi1_4165913_x1.....ggagacgucgugggaacacggggugcAgaacu..... 1
 Gi3_28933056_x1.....cgugggUacacggggugccg..... 1
 G1a_6295918_x1.....uAggagacgucgugggaacacggg..... 1
 G1a_6340850_x1.....uccgaauuaggaagagaagcgc..... 0
 Gi5_9117987_x1.....cggagacgucguggAaacacggggugcc..... 1
 Gi5_8978669_x1.....gUaacacggggugccgaa..... 1
 Gi3_28372241_x1.....cgaucggagacAucgugggaacacg..... 1
 Gi3_28748350_x1.....cgccaguacugcgaucggagGcgucgu..... 1
 Gi1_4282144_x1.....aacacggggugccgCacuu..... 1
 G1a_6137112_x1.....ugcgaucgNagacgucgug..... 1
 Gi5_8939837_x1.....cggagacgucguggaaUacggggugccga..... 1
 Gi3_28262342_x1.....acgucgugggaacacgUgugccgaac..... 1
 Gi2_11088045_x1.....Ugaagcgccgucagggccccgc..... 1
 Gi1_4262809_x1.....ggagacguNuggggaacacggggu..... 1
 Gi2_11271014_x1.....gaCcgagacgucguggga..... 1
 Gi3_28498054_x1.....cgccaguacugcgaucggUgacgucgu..... 1
 Gi2_11088997_x1.....aagagaagcgccguUaggcccc..... 1
 Gi5_8979839_x1.....ggagGcgucgugggaacacggggugccgaac..... 1
 Gi2_11380980_x1.....ucggagacgucgugggGacacggggugc..... 1
 Gi3_28351030_x1.....cgccagCacugcgaucggagacgu..... 1
 Gi3_28552825_x1.....Ggagaagcgccgucaggg..... 1
 Gi2_11320294_x1.....aggccccgcAaguacugcg..... 1
 Gi2_11277907_x1.....ucggagacgucgugggGac..... 1
 G1a_6261013_x1.....aGcgagacgucgugggaacacgg..... 1
 Gi3_28982145_x1.....aggccUcgccaguacugcgaucgg..... 1
 Gi2_11367570_x1.....gaagagaagcgUgucagggccccgc..... 1
 G1a_6245317_x1.....aucggagacgucgugAgaacacggg..... 1
 Gi2_11320048_x1.....gaagagaagcgCGgucagggccccg..... 1
 Gi2_11088382_x1.....caggccccgcagacuUcgauc..... 1
 Gi3_28272552_x1.....gacgucgugggaacacggggugccgaaAu..... 1
 Gi3_28375523_x1.....gagaagcgccgucagggccAcgc..... 1
 Gi3_28454117_x1.....gacgucgugggaacNcggggugccgaacu..... 1
 Gi1_4199416_x1.....gaucggagGcgucguggga..... 1
 Gi2_11401793_x1.....gaagcgccgucagggccccgA..... 1
 Gi3_28537142_x1.....ucggagCcgucgugggaaca..... 1
 Gi3_28575009_x1.....aucggagacgucguggCaacacgg..... 1
 Gi2_11334365_x1.....acugcgUucggagacgucgugg..... 1
 Gi1_4171425_x1.....agagaagcgccgucagggccccgc..... 0
 Gi1_4245029_x1.....ucguUgggaacacggggugccga..... 1
 Gi3_28316634_x1.....gaagagaagcgccgucagggUccgc..... 1
 Gi1_4338528_x1.....uUgugggaacacggggugccga..... 1
 Gi3_28471843_x1.....cgccaguacugcgaCcgagac..... 1
 Gi2_11044897_x1.....gccccccaCuacugcgauc..... 1
 Gi2_11049962_x1.....uaUugcgaucggagacgucgugggaaca..... 1
 Gi5_8986387_x1.....Ugccaguacugcgaucggagacgu..... 1
 Gi2_11102776_x1.....cCaucggagacgucgugggaacacggg..... 1
 Gi3_28585302_x1.....gcgaucggagacgucgugggGacacggg..... 1

Gi2_11047471_x1.....gucaggccccgccaguacugcgGuc..... 1
 Gi3_28265435_x1.....ccccgccaAuacugcgauccggagacg..... 1
 Gi1_4193491_x1.....cgugggaacacggggugcUg..... 1
 Gi3_28900221_x1.....cggagacgucgugggaacGacgg..... 1
 Gi3_28426436_x1.....ccccgccaguacugcgauccggagacguU..... 1
 Gi5_9090674_x1.....cggagacgGcuggggaacacggggugcc..... 1
 Gi1_4340102_x1.....ccccgccaguacugcgauccggagacg..... 0
 Gi3_28391848_x1.....cguNggaacacggggugccga..... 1
 Gi3_28708363_x1.....agaaUcgccgucagggccccgccaguacugc..... 1
 Gi3_28373284_x1.....cgccaguacugcgGucggagacgucgu..... 1
 Gi3_28809945_x1.....gccgucagggccccgccaguacugcgaC..... 1
 Gi1_4194074_x1.....Cucgugggaacacggggugcc..... 1
 Gi2_11239936_x1.....gagacgucgugAgaacacggg..... 1
 Gi3_28343123_x1.....ggagacgucguAggaacacggggugccg..... 1
 Gi3_28892382_x1.....gaucggagacguAguggg..... 1
 Gi2_11055218_x1.....cggagacgucgugggaacaAggggugcc..... 1
 Gi1_4272121_x1.....cguUggaacacggggugccgaacu..... 1
 Gi3_28413861_x1.....gucaggccNcgccaguacugcgauC..... 1
 Gi3_28388970_x1.....cgucgugggaacGacggggugccga..... 1
 G1a_6244351_x1.....gccaguacugcgauUggagacguc..... 1
 Gi3_28826290_x1.....agagaagcgUcgucagggccccgcc..... 1
 Gi3_28757174_x1.....ggagacgucgAgggaacacggggugccg..... 1
 Gi2_11195074_x1.....ggagacgucgugCgaacacggggugcc..... 1
 Gi5_9125770_x1.....uacugcgauccggCgacgu..... 1
 Gi3_28273359_x1.....aguacugAgaucggagacgucg..... 1
 Gi2_11366038_x1.....gacgucgugggaacacAggggugccg..... 1
 Gi2_11298004_x1.....uGcugcgauccggagacgucgug..... 1
 Gi3_28431241_x1.....cggagacgucguUggaacacggggugcc..... 1
 Gi1_4362612_x1.....ugggaacacggggugccgaC..... 1
 Gi3_28369839_x1.....cgaAcggagacgucgugggaacacgggggu..... 1
 G1a_6148333_x1.....gaucggagacgucgugggaG..... 1
 G1a_6165857_x1.....acucguuccgaauuaCgaagagaagcg..... 1
 G1a_6342632_x1.....aagagaagcgccgucCggcccc..... 1
 Gi3_28635531_x1.....cgucgugggaacacggggugccgGa..... 1
 Gi3_28787045_x1.....agaagcgccguUagggccccgcca..... 1
 Gi2_11100277_x1.....cccgccaguacugcgauccggaAac..... 1
 Gi5_9100875_x1.....gcgcccgucCggccccgccaguacug..... 1
 Gi3_28578716_x1.....agagaagcgccgucagCccccg..... 1
 Gi2_11323820_x1.....ccgucaggUcccgccaguacugc..... 1
 Gi5_9095891_x1.....cgucagggccccccCguacugcg..... 1
 Gi2_11354574_x1.....caguacugcgauccggaAacguc..... 1
 G1a_6273228_x1.....aagagaagcgccgucaggAcccg..... 1
 G1a_5984957_x1.....Gggagacgucgugggaacacggg..... 1
 Gi3_28525837_x1.....agaagcgccgucaggcUcccgccaguacu..... 1
 Gi1_4201007_x1.....gugggaacaAggggugccgaacu..... 1
 Gi2_11096538_x1.....cggagacgucgugggaacacggggugcG..... 1
 Gi5_8977847_x1.....aucggagacgucguggAaacacgggggu..... 1

Gi2_11364518_x1.....acgucgAgggaacacggggugc..... 1
Gi2_11186340_x1.....caggccccgccaguGcugcgaucggaga..... 1
Gi3_28586180_x1.....caggccccgccaguacugcgaA..... 1
Gi3_28454112_x1.....cggagGcugcuggggaacacgg..... 1
G1a_6117396_x1.....gccaguGcugcgauccga..... 1
Gi2_11274284_x1.....cccgccaguaUugcgauccggagacgucgu..... 1
Gi3_28359171_x1.....caguGcugcgauccggagacguc..... 1
Gi3_28601959_x1.....cgauccggagacgucuggggaGcacggggg..... 1
Gi3_28460163_x1.....cugcgauUgagacgucg..... 1
Gi2_11219971_x1.....Cucggagacgucuggggaacacg..... 1
Gi3_28386764_x1.....gCucggagacgucuggggaacacggggg..... 1
Gi2_11264700_x1.....agacgucuggggaacacUgggugcc..... 1
Gi5_8974721_x1.....ugcgauUagacgucugggga..... 1
Gi1_4369514_x1.....caUgccccgccaguacugc..... 1
Gi2_11306787_x1.....guNgugggaacacggggugccgaacu..... 1
Gi2_11145505_x1.....cgauccggagacgucuggggaCcacggggg..... 1
Gi3_28561473_x1.....Uccccccaguacugcgauccggagacg..... 1
Gi3_28475669_x1.....cgucagAccccgccaguacug..... 1
Gi2_11356424_x1.....aagcgccgucagggccccgccaguCugc..... 1
Gi3_28274840_x1.....ucgugggaaAacggggugc..... 1
Gi2_11104825_x1.....gccccccaAuacugcgaucc..... 1
Gi2_11011623_x1.....acgucAuggggaacacggggg..... 1
Gi1_4223059_x1.....cgauccggagacgucuggggaacacggggC..... 1
Gi3_28560422_x1.....gacgucgugAgaacacggg..... 1
Gi2_11273039_x1.....aucggagacgucuggggaacaG..... 1
Gi1_4369188_x1.....aggccccgccagGacugcgauccg..... 1
Gi5_9039045_x1.....gagaGcgccgucagggccccgccaguacug..... 1
Gi2_11199026_x1.....cgcUaguacugcgauccggagacguc..... 1
Gi5_9094242_x1.....gugNgaacacggggugccga..... 1
Gi3_28388220_x1.....agagaagcgccgucagggcUccggc..... 1
G1a_6055863_x1.....cgucaggAccccgccaguacugcg..... 1
Gi3_28412396_x1.....ggagacgucgugUgaaca..... 1
Gi2_11046009_x1.....gucgugggaacacggggAgccga..... 1
Gi1_4288263_x1.....gaacacggggugcGgaacu..... 1
Gi2_11036376_x1.....guacugcgauccggagacgCc..... 1
Gi3_28831095_x1.....cgugggaacacggggugGc..... 1
Gi1_4202635_x1.....gggaacacUggggugccgaacu..... 1
Gi5_9123371_x1.....gGgaagcgccgucagggccccgccaguacugc..... 1
Gi3_28540069_x1.....ggccccgccaguGcugcga..... 1
Gi2_11229308_x1.....acugcgauccggagGcugcuggggaacac..... 1
Gi2_11015097_x1.....gGcugcuggggaacacggggugccga..... 1
Gi2_11218353_x1.....gggaacacgUggugccgaac..... 1
Gi2_11142574_x1.....ggaacacggggugccgaacuA..... 1
G1a_6180132_x1.....cgucagggccccgccagCacugcgauccg..... 1
Gi2_11145232_x1.....caggccccgccagCacugcgauccggagac..... 1
Gi2_11323367_x1.....gaagcgccgucaAgcccc..... 1
G1a_6231576_x1.....aucggagaNgucgugggaacacggggg..... 1

Gi2_11392069_x1.....gucgugggaacaUggggugccg..... 1
Gi3_28798795_x1.....acgucguAggaaacacggg..... 1
Gi1_4287996_x1.....gNgggaacacggggugccgaacu..... 1
Gi3_28781070_x1.....gaagagaagcgcUgucagggccccgcc..... 1
Gi3_28698349_x1.....Ggccaguacugcgauccgagacgucgu..... 1
Gi2_11357749_x1.....cgucgugggaacacggggAgc..... 1
G1a_6032606_x1.....gugggaacacggAgugcc..... 1
Gi3_28979707_x1.....ggagUcgucgugggaacacggggugcc..... 1
Gi5_8898134_x1.....aggUcccgccaguacugcga..... 1
Gi2_11220507_x1.....uUggagacgucgugggaacacggggugccgaacu..... 1
Gi3_28454678_x1.....aagagaagcgcgucagggccccgccUg..... 1
Gi5_8958855_x1.....Gcucgugggaacacggggugccgaacuuu..... 1
Gi2_11187456_x1.....ugcgauccgagacgucguAggaaacacg..... 1
Gi3_28593053_x1.....caggccccgccaguacugcgauccgagGcg..... 1
Gi2_11033935_x1.....gacgucgugggaacacgAggugccg..... 1
Gi1_4343959_x1.....gugggaacacggAgugccgaacuu..... 1
Gi3_28443102_x1.....agacUcgugggaacacggggugcc..... 1
Gi5_8899894_x1.....cccgccaguacugcgauccgagagcG..... 1
Gi5_9132924_x1.....gugggaacacCgggugccg..... 1
Gi3_28851917_x1.....Aagacgucgugggaacac..... 1
Gi3_28603483_x1.....ccaguacugcgCucggagacguc..... 1
Gi5_9126874_x1.....caggcAccgccaguacugc..... 1
Gi3_28850893_x1.....aucggagacgucCugggaacacgg..... 1
Gi2_11111345_x1.....ugggaacacggggugccU..... 1
Gi3_28450023_x1.....ucgugggaUcacggggugccgaac..... 1
Gi1_4293249_x1.....ccgucagggccccgccaguUcugc..... 1
Gi2_11019232_x1.....ggagacgucgugggaacacggggCgccgaac..... 1
G1a_6086118_x1.....cgccUguacugcgauccgagacguc..... 1
Gi3_28810893_x1.....cgccaguacugcgGucgg..... 1
Gi3_28833934_x1.....cgccaguacCgcaucggagacg..... 1
Gi3_28871743_x1.....ucgugggaacacggUgugccg..... 1
Gi2_11405794_x1.....caggccccgccGguacugcgauccgga..... 1
Gi2_10996938_x1.....aguacugcgauccgagGc..... 1
Gi3_28654780_x1.....cggagacgucgGgggaacacgggg..... 1
Gi5_9118913_x1.....cgucgugggaAacggggugcc..... 1
Gi2_11131858_x1.....gugggaacacggggugccgaacuuu..... 0
Gi3_28555327_x1.....cgccaguacugGgauccgagacg..... 1
Gi3_28308244_x1.....agcggcugcagggccccgAcagu..... 1
Gi3_28964820_x1.....cAcgccaguacugcgauccgagacg..... 1
Gi3_28371234_x1.....cgccaguGcugcgauccgagacguc..... 1
Gi3_28788814_x1.....ucguuccgaauaCgaagagaagcgc..... 1
Gi5_8857118_x1.....caguacugcgaCcgagacguc..... 1
G1a_6295485_x1.....cggagacgucguggGacacggggg..... 1
Gi3_28607782_x1.....gauccgagacgucgAgggaacacggggugcc..... 1
Gi2_11298417_x1.....gauccgagUcgucgugggaacacgggg..... 1
Gi3_28961014_x1.....ggagacgucgugggaacacggggUccgaacu..... 1
Gi2_11275553_x1.....aaAgaagcgcgucagggccccgccagu..... 1

Gi5_9126542_x1.....ugggaacacggggugccgaaGu..... 1
 Gi2_11045111_x1.....caUuacugcgauccgagacgucgu..... 1
 Gi4_575798_x1.....Uaucggagacgucguggg..... 1
 Gi2_11309510_x1.....aucggagacgucgGggga..... 1
 Gi2_11287943_x1.....ucggagacgucgugggaacGcg..... 1
 Gi1_4173651_x1.....gaacacggggAgccgaacuu..... 1
 Gi3_28320894_x1.....cgucguggCaacacgggg..... 1
 Gi2_11251484_x1.....uUggagacgucgugggaacacggggugc..... 1
 Gi4_584632_x1.....ucagggccccgcagucgucggaucg..... 0
 Gl1a_6358243_x1.....aagagaagcgccgucaggccccA..... 1
 Gi2_11383108_x1.....gacgAcgugggaacacggggugccgaauc..... 1
 Gi3_28511946_x1.....gagaagcgccgucagggccccgcGguacugc..... 1
 Gi2_11156738_x1.....cUucagggccccgcagucgucggauc..... 1
 Gi4_596086_x1.....Gucggagacgucgugggaacacggg..... 1
 Gi3_28378560_x1.....ggccccgUcaguacugcgauccg..... 1
 Gi5_8889801_x1.....agacgucgugggaacacggggugccgCac..... 1
 Gi3_28553921_x1.....cgucagggccccgcagucgca..... 1
 Gi1_4221552_x1.....gCagacgucgugggaacacggggu..... 1
 Gi1_4203916_x1.....cCgagacgucgugggaacacgggg..... 1
 Gi3_28690428_x1.....gcgccgGcagggccccgcagucgucg..... 1
 Gi2_11156384_x1.....aUagaagcgccgucagggccccgcagucg..... 1
 Gi3_28922629_x1.....aagagaagcgccgucagggccccgcGgu..... 1
 Gi1_4162420_x1.....gaNcacggggugccgaaucuu..... 1
 Gi5_9050371_x1.....aggccccccaCuacugcgaucc..... 1
 Gi3_28582264_x1.....ggagacgucgugggGacacggggugccgaauc..... 1
 Gi2_11196312_x1.....ucagggccccgcagGacugcg..... 1
 Gi2_11106981_x1.....cAccaguacugcgauccg..... 1
 Gi2_11240394_x1.....ucagggcccUgccagucgucg..... 1
 Gi5_9059690_x1.....ggaacacggggugccgaaU..... 1
 Gi3_28591313_x1.....gucgugggGacacggggugccg..... 1
 Gi2_11349211_x1.....gucgugggaacacggggugcUgaac..... 1
 Gi1_4176136_x1.....cgucagggccccgcagucgucU..... 1
 Gi3_28262709_x1.....acacggggugcGgaacuu..... 1
 Gi3_28498899_x1.....gccagAacugcgauccgga..... 1
 Gi1_4270476_x1.....acgucgugggaacCcggggugccgaauc..... 1
 Gi3_28873444_x1.....aggccccgcUguacugcgauccgagac..... 1
 Gi5_9082286_x1.....cggGgacgucgugggaacacggggugccgaauc..... 1
 Gi4_579585_x1.....uacugcgauccgagacgu..... 0
 Gi3_28523253_x1.....gccagucgucgagacgagacAuc..... 1
 Gi2_11113076_x1.....uacugcgauccgagacgucguA..... 1
 Gi3_28731009_x1.....aggccccgcagucgucggaucg..... 1
 Gl1a_6319371_x1.....gaucggagNcgucgugggaacacg..... 1
 Gi2_11146566_x1.....gccccgcagucgucgagacgC..... 1
 Gi1_4378242_x1.....gugggaacacgAgugccg..... 1
 Gi2_11062368_x1.....gagacgucgugggaacacgAggugccg..... 1
 Gi3_28944921_x1.....cgucgugggaacCcggggugccgaa..... 1
 Gi2_11017946_x1.....cgaauuaggaagagaagc..... 0

Gi3_28544475_x1.....gaucggagacgucgugggaacacAgggug..... 1
 Gi3_28691537_x1.....cccgCuaquacugcgauccggagacgu..... 1
 Gi2_11395864_x1.....cAucagggccccccaguacug..... 1
 Gi5_9075514_x1.....cgucgugggaacacggggCgcc..... 1
 Gi2_11136356_x1.....acgucgugggaacacggggugccAa..... 1
 Gi3_28603341_x1.....agGcgucgugggaacacggg..... 1
 G1a_6085658_x1.....aucggagacgucgugggaacacggCg..... 1
 G1a_6115078_x1.....ccaguacugcgGucggagacguc..... 1
 G11_4356119_x1.....ucggagacgucgugggaGcacggggugc..... 1
 Gi2_11193383_x1.....aucggagacgucgugggaacacgggCugcc..... 1
 Gi2_11190179_x1.....cagNccccgccaguacugcg..... 1
 Gi5_8954635_x1.....ucggUgacgucgugggaacacg..... 1
 Gi3_28740015_x1.....cgucguCggaacacggggg..... 1
 Gi3_28958200_x1.....Cccaguacugcgauccggagacg..... 1
 Gi3_28786173_x1.....ccccgccGguacugcgauccggagacg..... 1
 Gi3_28536972_x1.....cgucagggccccccaguacAgcg..... 1
 Gi3_28358715_x1.....aucggagacgucgugCgaacac..... 1
 G11_4228255_x1.....agacgucgugggaacacggggCg..... 1
 Gi3_28736171_x1.....ucagggccccgcAaguacugcg..... 1
 G1a_6250241_x1.....ggNacacggggugccgaacu..... 1
 Gi2_11220043_x1.....cgagacgucgugggaacacggggugccAa..... 1
 G1a_6109115_x1.....Gccccccaguacugcgauccg..... 1
 Gi3_28874333_x1.....ucagggccccccaguacugcgCucgg..... 1
 G11_4246474_x1.....acgucgugggaacacggggAgccgaacu..... 1
 Gi3_28389593_x1.....aggNccccccaguacugcgauccgga..... 1
 Gi3_28515902_x1.....aguacugcgauccggagacguA..... 1
 Gi2_11305632_x1.....aguacugcgCucggagac..... 1
 Gi3_28277377_x1.....aggccccccaguaAugcga..... 1
 Gi2_11099548_x1.....gggaacacggggUccgaac..... 1
 Gi3_28774662_x1.....gagGagcgccgucagggcc..... 1
 Gi5_8872390_x1.....cgucgugggaacacgCggugccgaacu..... 1
 Gi2_11260415_x1.....gUcgucgugggaacacggggugccgaac..... 1
 Gi2_11392362_x1.....cgucgugggaacacCgggugcc..... 1
 G11_4165796_x1.....aucggagacgucgugggaacacggAgugcc..... 1
 Gi3_28751483_x1.....Ugccaguacugcgauccggagacgucgug..... 1
 Gi3_28538469_x1.....cgccaguacugcgauccggaAac..... 1
 Gi3_28539070_x1.....ccAgccaguacugcgauccggagac..... 1
 G11_4242350_x1.....agacUucgugggaacacggggugccg..... 1
 Gi2_11252424_x1.....cguAgugggaacacggggugccg..... 1
 Gi5_9023895_x1.....ggagacgucgugggaacacggggA..... 1
 G1a_6104083_x1.....cgccaguacugcgauccggagacCc..... 1
 Gi3_28651809_x1.....Ugagaagcgccgucagggcc..... 1
 G11_4356332_x1.....gugggaacaUggggugcc..... 1
 Gi2_11123841_x1.....Acgauccggagacgucgugggaacacgg..... 1
 G11_4374416_x1.....aggaagagaagcgccgucagggc..... 0
 Gi2_11234141_x1.....agccAcgccaguacugcg..... 1
 Gi3_28325576_x1.....gaUaagcgccgucagggccc..... 1

Gi1_4360945_x1.....gugggaacacggggAgcc..... 1
 Gi1_4367318_x1.....agGcgucgugggaacacggggugccgaacu..... 1
 Gi3_28917393_x1.....gaucAgagacgucgugggaacacg..... 1
 Gi5_9002969_x1.....gucgugggaGcacggggugccgaac..... 1
 Gi2_11066836_x1.....ucCugggaacacggggugccgaac..... 1
 Gi5_8970883_x1.....gugggaacaGggggugccga..... 1
 Gi4_578893_x1.....ucgugggaacacgggAugccgaacu..... 1
 Gi3_28740403_x1.....cguAgugggaacacggggugccgaacu..... 1
 Gi2_11365939_x1.....aucggagacgucgugggaGcacggg..... 1
 Gi2_11139858_x1.....agacgucgugggaacacgAggugccga..... 1
 G1a_6297292_x1.....gGcaguacugcgaucgga..... 1
 Gi3_28931471_x1.....gccgCcaggccccgccaguacu..... 1
 Gi3_28923272_x1.....cUccgccaguacugcgaucggagac..... 1
 Gi1_4259743_x1.....Gcgccaguacugcgaucggaga..... 1
 Gi3_28511947_x1.....acgucgugggaaAacggggugccgaac..... 1
 Gi2_11047951_x1.....gaucggagCcgucgugggaacacgg..... 1
 Gi2_11379850_x1.....gaaNacggggugccgaac..... 1
 Gi5_9080998_x1.....acgucgugggaacacggggGgccga..... 1
 Gi2_11164912_x1.....cgucguggNaacacggggugccgaa..... 1
 Gi5_9047038_x1.....ugggaacacggggGgccgaac..... 1
 G1a_6190387_x1.....gucaggccNcgccaguacugcga..... 1
 G1a_6220853_x1.....cucguuccgCauuagga..... 1
 Gi2_11192409_x1.....cgaucAgagacgucgugggaacacgggg..... 1
 Gi3_28440561_x1.....guUgugggaacacggggug..... 1
 G1a_6129432_x1.....uUcgaucggagacgucgugggaacac..... 1
 Gi3_28266196_x1.....cgccagGacugcgauccggagacgucgu..... 1
 Gi2_11147114_x1.....guacugcgaCcgagacguc..... 1
 Gi3_28761426_x1.....guacugcgaucggagacgucguA..... 1
 G1a_6338929_x1.....cgGucggagacgucgugggaa..... 1
 Gi3_28561811_x1.....ggaacacggggugccgaacuu..... 0
 Gi2_11072289_x1.....cccgccaguacugUgauc..... 1
 Gi3_28281579_x1.....ggagacgucguggCaaca..... 1
 Gi2_11136483_x1.....gcgaucggagacgCgugggaaca..... 1
 Gi2_11203200_x1.....aagagaGcgccgucagggccccgcc..... 1
 Gi3_28978542_x1.....cCccgucagggccccgccaguac..... 1
 Gi2_11271286_x1.....agcgccgucagggccccCccaguacugcg..... 1
 Gi3_28433277_x1.....gucaggccccgccUguacugcg..... 1
 Gi4_608104_x1.....Uacacggggugccgaacu..... 1
 G1a_6180055_x1.....caggccccAccaguacug..... 1
 Gi3_28583571_x1.....gccgucGggccccgccaguacugcgau..... 1
 Gi3_28936711_x1.....gccaguacugcgaCcgagacguc..... 1
 G1a_6118794_x1.....Ggaucggagacgucgugggaa..... 1
 Gi2_11156756_x1.....ccgccaguacugUgaucgg..... 1
 Gi5_9126251_x1.....acucguuccgaauuaggaaga..... 0
 Gi2_11379491_x1.....caggccccgccaguacugUgaucgg..... 1
 Gi2_11172917_x1.....ucggagacgucgugggaacC..... 1
 Gi3_28332446_x1.....cgucguggCaacacggggugccgaacu..... 1

Gi1_4160340_x1.....gucguggggaacaUggggugccgaacu..... 1
 Gi2_11357669_x1.....cgucgugggaaGacggggugccgaacu..... 1
 G1a_6237595_x1.....aucggagacgucguggggaacaG..... 1
 Gi3_28318434_x1.....Cgccccgccaguacugcgauccg..... 1
 G1a_6046166_x1.....cgauccggagacguUgugg..... 1
 Gi2_11398198_x1.....auAggagacgucguggggaacacggggu..... 1
 Gi3_28678342_x1.....gaucggagacgCcguggggaac..... 1
 Gi3_28881309_x1.....agacguUguggggaacacggggugccgaac..... 1
 G11_4229791_x1.....ccgucaggNccccccaguacug..... 1
 Gi3_28857296_x1.....aucggagacgucgugggaaUacggggugc..... 1
 G14_572863_x1.....gGgggaacacggggugcc..... 1
 Gi2_11342860_x1.....aucggagaUgucguggggaacacg..... 1
 G11_4266851_x1.....cgUucggagacgucgugg..... 1
 Gi5_9108995_x1.....gugAgaacacggggugccgaa..... 1
 Gi3_28918801_x1.....cgauccggagacgucgugggaaAacggggu..... 1
 Gi2_11056128_x1.....ugcgauccggagGcugcuggggaaca..... 1
 Gi2_11280393_x1.....gucguggggaacacggggugG..... 1
 Gi2_11026011_x1.....aggccccgccUguacugcgauccggagacguc..... 1
 Gi5_8939568_x1.....aacucguuccgaauuaggaaga..... 0
 G1a_6081477_x1.....Uucggagacgucguggggaacacgg..... 1
 Gi3_28278938_x1.....aucggagacgucguggggaacacggggGg..... 1
 G1a_6256012_x1.....cgauccggagacgucguggggaacCcg..... 1
 Gi3_28440927_x1.....gaucggagacgucguggggaacacgggU..... 1
 Gi2_11353603_x1.....gaucggagacgucgGggga..... 1
 Gi2_11256518_x1.....ccgccaguacugcgaCcg..... 1
 Gi3_28312668_x1.....ccgccaguacugcAaucggagac..... 1
 G11_4238241_x1.....ucguggggaacacUggggugc..... 1
 Gi3_28820679_x1.....cgcUgucaggccccgccag..... 1
 Gi3_28541579_x1.....Acaggccccgccaguacug..... 1
 Gi5_8873448_x1.....guNggaaacacggggugccgaac..... 1
 G1a_6285556_x1.....gaagagaaNcgccgucaggccc..... 1
 Gi3_28781346_x1.....cggagacgucgugUgaacacggg..... 1
 G11_4206682_x1.....gacgucguggggaacacgggU..... 1
 Gi2_11073889_x1.....gaucggagacgucguggggaacaUgg..... 1
 Gi5_8852939_x1.....gacgucguggggaacacgggAugccgaac..... 1
 Gi2_11170741_x1.....aggccccgccagGacugcgau..... 1
 Gi5_8964789_x1.....ucguggggaacacCgggugccgaacu..... 1
 Gi2_11069416_x1.....gucguggggaacacggggugccgaUcu..... 1
 Gi3_28745182_x1.....cGgccaguacugcgaucggagacgucgug..... 1
 Gi2_11197600_x1.....Nacacggggugccgaacu..... 1
 Gi2_11264232_x1.....aucggagacgucCugggaacac..... 1
 Gi2_11326833_x1.....guacugcgGucggagacgucgugg..... 1
 Gi2_11317435_x1.....ccgccaguacugcgaucggUg..... 1
 Gi2_11266595_x1.....ugggaacUcggggugccgaa..... 1
 Gi2_11147062_x1.....gaucggagacgucgugAgaacac..... 1
 Gi2_11211891_x1.....gucaggccccccaCuacugc..... 1
 Gi3_28728847_x1.....Ccggaucggagacgucguggggaaca..... 1

Gi3_28922099_x1.....caggAcccgccaguacugcgauccggagacg..... 1
 Gi1_4250548_x1.....gaacacggggugGcgaacuu..... 1
 Gi3_28895585_x1.....ucguuccgaaCuaggaagagaagcgccgu..... 1
 Gi3_28850844_x1.....aucggagCcgucguggga..... 1
 Gi3_28530103_x1.....ugggaacacgCggugccgaac..... 1
 Gi2_11101268_x1.....ugggaacacCgggugccgaacu..... 1
 Gi1_4205476_x1.....gccaguCcgugcgauccggagacg..... 1
 Gi3_28739641_x1.....cgccaguacugcgauccggCgacgucgu..... 1
 Gi1_4365891_x1.....caggccccgcUaguacugcg..... 1
 Gi3_28293751_x1.....gacgucgugggaaAacggggu..... 1
 Gi2_11100580_x1.....ucaggcUccgccaguacug..... 1
 Gi2_11219064_x1.....gucguUggaacacggggugcc..... 1
 Gi2_11284889_x1.....ucagggccccgcUaguacugcg..... 1
 Gi3_28706022_x1.....aucggagacgucgugggaacaGgg..... 1
 Gi2_11071294_x1.....ggccccgccaguacCgcgucg..... 1
 Gi1_4311024_x1.....cccgccaguacugcgauccgga..... 0
 Gi3_28884437_x1.....gaucggagacgucgugAgaacacg..... 1
 Gi2_11030353_x1.....aggNcccgccaguacugc..... 1
 Gi5_8871380_x1.....Ggugggaacacggggugccgaacuu..... 1
 Gi1_4227620_x1.....ucguUggaacacggggugc..... 1
 Gl1a_6118168_x1.....ggccccgccaguacugcgGucggagacguc..... 1
 Gi4_595022_x1.....Uugggaacacggggugccg..... 1
 Gl1a_6134769_x1.....aggaagagaagcgccgucaggccc..... 0
 Gi1_4368519_x1.....gaucUgagacgucgugggaacacgg..... 1
 Gi1_4308148_x1.....Aagacgucgugggaacacggggugcc..... 1
 Gi5_9019742_x1.....ggaacacggggugccgaU..... 1
 Gi2_11260898_x1.....agUgccgucagggccccgccagua..... 1
 Gi3_28831454_x1.....gucgugggaacacggUgugccgaac..... 1
 Gi2_11266953_x1.....cguNggaacacggggugcc..... 1
 Gi3_28375661_x1.....cgccgucagggccccgccaguCugc..... 1
 Gi3_28423808_x1.....aguacCgcgauccggagacgucg..... 1
 Gi3_28798460_x1.....caggccccgccagCacugcgauccgga..... 1
 Gi2_11321236_x1.....cggagCcgucgugggaacac..... 1
 Gi3_28430448_x1.....Agccaguacugcgauccggagacguc..... 1
 Gi2_11057906_x1.....ucgugggaacacgUggugccgaac..... 1
 Gi3_28557869_x1.....caggccccgccaguaGugcgau..... 1
 Gl1a_6227759_x1.....cgauccggagaGgucgugg..... 1
 Gl1a_6329446_x1.....Uucggagacgucgugggaacacggggu..... 1
 Gi2_11099348_x1.....gaucggagacgucgugggaacacgUggu..... 1
 Gi1_4179569_x1.....cgucguggNaacacggggugccgaa..... 1
 Gi3_28458519_x1.....agaagcgccgucagggccccAccagu..... 1
 Gi5_8905130_x1.....ugcgauccgNagacgucguggga..... 1
 Gl1a_6286137_x1.....Agagacgucgugggaacacggggu..... 1
 Gi2_11061142_x1.....ucaggcUccgccaguacugcg..... 1
 Gi2_11084960_x1.....aggccccgNcaguacugcgauccggaga..... 1
 Gi2_11319531_x1.....ucUugggaacacggggugcc..... 1
 Gi3_28530191_x1.....ccccccaNuacugcgauccg..... 1

Gi1_4187370_x1.....gucgugggGacacggggugccgaac..... 1
Gi3_28421870_x1.....ugcgaCcgagacgucgugggaaacacggggu..... 1
Gi2_11234827_x1.....gaagcgccAucagggccc..... 1
Gi3_28964234_x1.....gucgAgggaacacggggugccga..... 1
Gi2_11407413_x1.....aucggagacgucguAggaaacacgggg..... 1
Gi3_28481455_x1.....ccccgccaguacugGgaucgggagacguc..... 1
Gi2_10994511_x1.....uNgugggaacacggggugccgaacu..... 1
Gi2_11184770_x1.....cUgagacgucgugggaaacacggggugccgaacu..... 1
Gi3_28348600_x1.....ucggagGcgucgugggaaacacggggugcc..... 1
Gi2_11128287_x1.....agacgucgugggaaacacCgggugcc..... 1
Gi3_28709324_x1.....ucggagacgucguAggaaacacggggugccga..... 1
Gi5_9132143_x1.....gugggaacacggggugUcg..... 1
Gi3_28944038_x1.....gccccgccaguacugcgauU..... 1
Gi1_4361278_x1.....ucgugggaacCcgggugccgaac..... 1
Gi1_4259251_x1.....gagacgucgugGCaacacggggugccgaacu..... 1
Gi5_9094470_x1.....gauUggagacgucgugggaaacacgg..... 1
G1a_6237566_x1.....gacguUgugggaacacggggug..... 1
Gi4_585450_x1.....gugggaacacggggugccCaa..... 1
G1a_5991208_x1.....gaagagaagcgccgucGggccc..... 1
Gi1_4238132_x1.....cguNggaacacggggugccgaacuu..... 1
Gi1_4262907_x1.....ugcgauccgUgacgucguggg..... 1
Gi3_28286748_x1.....gucagggcccgcaguaAugcgau..... 1
Gi2_11027439_x1.....aagagaUgcgcccugacggccc..... 1
Gi2_11078563_x1.....cgUcaguacugcgGaucgggagacg..... 1
Gi4_587678_x1.....guacugcgauccgagacguAgugg..... 1
Gi2_11112592_x1.....ccccgccCguacugcgauccgagacgu..... 1
Gi5_9018678_x1.....aucggGgacgucgugggaaacacg..... 1
Gi3_28668560_x1.....ggaAacgucgugggaaacacggggu..... 1
G1a_6000709_x1.....cgugggaacacggggAgcc..... 1
Gi1_4317332_x1.....gccaguacugcgGucggagacguc..... 1
Gi2_11341262_x1.....gaucggagacguGgugggaacac..... 1
Gi3_28435301_x1.....gcgauccgagacgucgCg..... 1
Gi1_4368670_x1.....aucAgagacgucgugggaaacacgggg..... 1
Gi2_11064782_x1.....agagaagcgccgucaAgccccgccaguacugc..... 1
Gi3_28521578_x1.....agcgccguAaggccccgcaguu..... 1
Gi1_4373444_x1.....agcgccgucagggccccgcaguuAugc..... 1
Gi3_28576466_x1.....gccaguacugUgauccgga..... 1
Gi2_11361502_x1.....cUccgccaguacugcgauccgga..... 1
Gi3_28967992_x1.....cccgccagNacugcgauccgagacgucgug..... 1
Gi5_8947597_x1.....gggaacacggggugAcgaacu..... 1
Gi2_11382175_x1.....guacugcgauccgagacgG..... 1
Gi1_4331717_x1.....gggaacacAgggugccgaacuu..... 1
Gi1_4235410_x1.....Aacgucgugggaaacacggggugcc..... 1
Gi2_11193491_x1.....gugggaacacggCgugccg..... 1
Gi2_11165549_x1.....agcgccgucagggccccgcaguuUugc..... 1
Gi3_28310692_x1.....ccccccaguacugcgauccg..... 0
Gi2_11171600_x1.....gaUgcgcccugacggccccgcag..... 1

Gi1a_6231581_x1.....gaucggagacgCcgugggaacacgg..... 1
 Gi5_8901384_x1.....caggccccccagacuucgCu..... 1
 Gi5_8901016_x1.....aUagaagcgccgucagggccccccagacuucg..... 1
 Gi3_28543188_x1.....Accccgccagacuucggaucgg..... 1
 Gi3_28492013_x1.....aucggagacgucgugggUacacggggugc..... 1
 Gi3_28599518_x1.....gcgauccggagacgucguAggaacacggg..... 1
 Gi3_28955190_x1.....guacugcgaCcgagacgu..... 1
 Gi3_28705525_x1.....gccgucaAgccccgccagacu..... 1
 Gi3_28927071_x1.....Cacgucgugggaacacgg..... 1
 Gi4_613919_x1.....agacgucgCgggaacacggggugcc..... 1
 Gi1a_6043588_x1.....gcgauAggagacgucgugggaacacggg..... 1
 Gi1a_6295101_x1.....aucggagacguAguggga..... 1
 Gi5_9102220_x1.....ugcgauccgCagacgucgug..... 1
 Gi3_28387512_x1.....aggcGccgccagacuucggaucggagac..... 1
 Gi3_28607562_x1.....gaUgagaagcgccgucagggc..... 1
 Gi2_11134685_x1.....caggUcccgccagacuucggaucgggaga..... 1
 Gi2_11261757_x1.....aUaagcgccgucagggccccccagacu..... 1
 Gi2_11013623_x1.....gucaggccccgCagacuucg..... 1
 Gi1_4340192_x1.....gagacgucgugggaacacggggugccgaUcu..... 1
 Gi2_11395772_x1.....ugggaacacggggugccAaa..... 1
 Gi3_28898760_x1.....gaucggagCcgucgugggaac..... 1
 Gi1_4342132_x1.....aguacugcgauccggagacguUgug..... 1
 Gi3_28607680_x1.....aggccccgcuUguacugcgauccg..... 1
 Gi2_11392938_x1.....aguaGugcgauccggagac..... 1
 Gi1a_6315566_x1.....aucggagacgucgugggaacaUggggg..... 1
 Gi3_28575449_x1.....cgauccggagacgucgugggGacacggggg..... 1
 Gi5_9031799_x1.....caggccUcgccagacuucg..... 1
 Gi3_28636792_x1.....ugcgauccgNagacgucgugggaacacggg..... 1
 Gi3_28522703_x1.....gucaUgccccgccagacuucggauc..... 1
 Gi3_28977415_x1.....gUgacgucgugggaacacggggugccg..... 1
 Gi3_28897080_x1.....cgGcaggccccgccagacuucggaucgg..... 1
 Gi3_28932774_x1.....cgccagacuUcgauccggaga..... 1
 Gi3_28325655_x1.....gaGcggagacgucguggg..... 1
 Gi3_28396065_x1.....ccccCccagacuucggaucgga..... 1
 Gi3_28622491_x1.....aggccAcgccagacuucggauc..... 1
 Gi5_8898006_x1.....gucaggccccUgccagacu..... 1
 Gi1_4280350_x1.....cccgccagNacugcgauccggagacgucg..... 1
 Gi5_9025924_x1.....gagacgucgugggaUacggggugccgaacu..... 1
 Gi5_9063069_x1.....gugggaUcacggggugccgaa..... 1
 Gi2_11017983_x1.....ucggagacgucguAggaacacggggg..... 1
 Gi3_28573036_x1.....aggccccgccagacuucggaCcgagacg..... 1
 Gi5_8908267_x1.....cguggAaacacggggugccga..... 1
 Gi3_28393094_x1.....aggccccgccagacuucggaucggag..... 0
 Gi1_4245237_x1.....gucgugggaacacgggAugccgaac..... 1
 Gi3_28938919_x1.....aucggagacgGcgugggaacacggg..... 1
 Gi1_4187356_x1.....gCcgugggaacacggggug..... 1
 Gi5_9115802_x1.....gugggaacacggggugccgU..... 1

Gi3_28818550_x1.....gggaacacgggguUccgaacu..... 1
 Gi3_28693880_x1.....ugcgaucgNagacgucguggga..... 1
 Gi4_598451_x1.....ucggGgacgucgugggaacacggggugccg..... 1
 Gi1_4243435_x1.....uacugcgaucggagacguc..... 0
 G1a_6186677_x1.....Uccccgccaguacugcgaucggagacguc..... 1
 Gi2_11227396_x1.....ugggaacacggggugccgaaAuu..... 1
 Gi4_591165_x1.....Accaguacugcgaucggagacguc..... 1
 Gi3_28912765_x1.....agagaagcgccgucGggc..... 1
 Gi1_4229878_x1.....ucgugggaacacggggugAcg..... 1
 Gi2_11202635_x1.....gaagcAccgucagggccccgccaguacugc..... 1
 Gi1_4337000_x1.....ucaAgccccgccaguacugcgauc..... 1
 Gi3_28301455_x1.....ugggaacacCgggugccga..... 1
 Gi2_11328307_x1.....ucggGgacgucgugggaacacggggugccg..... 1
 G1a_6077432_x1.....guacugcgaAcggagacguc..... 1
 Gi1_4239688_x1.....aucAgagacgucgugggaacacggggugc..... 1
 Gi3_28987416_x1.....aucggagacgucgugggCacacggggugc..... 1
 Gi3_28485410_x1.....cgccgucCggccccgccagua..... 1
 Gi2_11156181_x1.....Aagaagcgccgucagggccccgccaguac..... 1
 Gi2_11068560_x1.....cgaucggagacgucgugggaacacggggugccgaac..... 0
 Gi3_28871711_x1.....gagacgucguAggaacac..... 1
 Gi3_28386931_x1.....gaNacgucgugggaacacggggugccgaacu..... 1
 Gi1_4306784_x1.....Ugagacgucgugggaacacggggugccgaac..... 1
 Gi2_11263800_x1.....gagaagcgccAucagggccccgcc..... 1
 Gi1_4188349_x1.....gagacgucgugggaacacAgggugcc..... 1
 G1a_6088835_x1.....caguacugcgaucAgagacgucg..... 1
 Gi1_4356747_x1.....Ccgaucggagacgucgugggaaca..... 1
 Gi3_28275135_x1.....gaucggaCacgucgugggaacacggg..... 1
 Gi2_11172678_x1.....aggccccgNcaguacugcgaucg..... 1
 Gi3_28635996_x1.....acgucgugggaacacggggugccCaacu..... 1
 Gi1_4335405_x1.....ccgucagggccccgccUguacugc..... 1
 Gi2_11278045_x1.....cgccUguacugcgaucggaga..... 1
 Gi3_28712193_x1.....gaucggagacgucgugUgaacacggggu..... 1
 Gi5_9074497_x1.....cagNacugcgaucggagacgucgug..... 1
 Gi2_11186467_x1.....ccccgccUguacugcgau..... 1
 G1a_5985588_x1.....cgaucggagacgucgugggaacaAg..... 1
 Gi3_28903130_x1.....ucagCccccgccaguacugc..... 1
 Gi4_613798_x1.....gaacacggNgugccgaacu..... 1
 Gi3_28670153_x1.....ggagacgAcgugggaacacggggugccgaacu..... 1
 Gi3_28737489_x1.....agaagcgccAucagggcc..... 1
 Gi3_28345653_x1.....agcgccgucagggccccgccagGac..... 1
 Gi2_11273671_x1.....caggccccgccaguacuUc..... 1
 Gi2_11306338_x1.....ccagCacugcgaucggagacg..... 1
 Gi3_28812206_x1.....gaagagUagcgccgucagggcc..... 1
 Gi2_11318735_x1.....gaucggagacAucgugggaacacgggg..... 1
 Gi2_11116376_x1.....gucagggccccgccaguCuugcgauc..... 1
 Gi2_10993964_x1.....cggagacgucgugggaacG..... 1
 Gi2_11264242_x1.....gucagggccccgccaguaUug..... 1

Gi2_11244142_x1.....uaggaagagaagcgccgucaggaA..... 1
 Gi2_11034163_x1.....ggaacacggggugccgGa..... 1
 Gi2_11274666_x1.....aagagaCgcgccgucagggc..... 1
 Gi3_28859388_x1.....ggaacacggggugccgaaG..... 1
 Gi5_9102469_x1.....caguGcugcgauccgagacguc..... 1
 Gi2_11269360_x1.....ugggUacacggggugccgaa..... 1
 Gi2_11274013_x1.....gagGcgucgugggaaacacggggugcc..... 1
 Gi3_28902659_x1.....cgucguggCaacacggggugcc..... 1
 Gi2_11122247_x1.....ggccccgAcaguacugcga..... 1
 Gi5_9105841_x1.....ggagacgucgugggaaacacggggAgcc..... 1
 Gi4_572365_x1.....agaagcgccgucagggccccccCguacu..... 1
 Gi2_11169365_x1.....caggccccgcccagucCugcgau..... 1
 Gi3_28377750_x1.....ccgccaguacugcgauCagagac..... 1
 Gi3_28635501_x1.....ggccccgcccaguacugcgCucgga..... 1
 Gi5_8843094_x1.....Naggccccgcccaguacugcga..... 1
 Gi3_28485697_x1.....ucgugAgaacacggggugc..... 1
 Gi1_4171532_x1.....cgugggaaNacggggugccgaa..... 1
 Gi2_11397356_x1.....Cuacugcgauccgagacgucguggg..... 1
 G1a_6256606_x1.....gaucggagaUgucgugggaaacacggg..... 1
 Gi2_11286382_x1.....ucggagacgucgugggaaacacggggAcc..... 1
 Gi3_28874850_x1.....gcUaguacugcgauccgagacgucgug..... 1
 Gi2_11009164_x1.....gccccgAcaguacugcga..... 1
 Gi2_11008252_x1.....ucaCgccccgcccaguacugcg..... 1
 G1a_5981694_x1.....gaucggagCgucgugggaaacacggg..... 1
 Gi3_28760452_x1.....gaagagaagcgccgucagAc..... 1
 Gi3_28391815_x1.....Uggccccgcccaguacugcgauccg..... 1
 Gi1_4233669_x1.....Cgggaacacggggugccg..... 1
 Gi3_28800607_x1.....ggagacgucgugggaaacacggg..... 1
 G1a_6009808_x1.....uacugcgauccgagacCuc..... 1
 Gi2_11092768_x1.....cCaucggagacgucgugggaaacacggg..... 1
 Gi1_4257776_x1.....ucggagacgucgugggaaacacA..... 1
 Gi3_28458142_x1.....caggccccgcccaguaUugcg..... 1
 Gi3_28437536_x1.....cgCcaggccccgcccaguacugcgauccgagaga..... 1
 Gi3_28760977_x1.....agaagcgccgucagggUcccgc..... 1
 Gi3_28814679_x1.....Cucgcgauccgagacgucgu..... 1
 Gi1_4183186_x1.....cgugggaaacacggggGgccgaa..... 1
 Gi3_28548027_x1.....agaaUcgccgucagggccccgcccagua..... 1
 Gi1_4306131_x1.....aggccccgcccGguacugcg..... 1
 Gi5_9073909_x1.....cguUggaacacggggugccgaa..... 1
 G1a_6291836_x1.....aCcacggggugccgaaacu..... 1
 Gi2_11324727_x1.....aggccccgcccaguacugcgauccgagagaAgucgug..... 1
 G1a_6276099_x1.....cgccaguacugcgauccgCgacgucgug..... 1
 Gi3_28519658_x1.....cggagacgucgugggaaacacggggugccgCcu..... 1
 Gi2_11215260_x1.....gaucggagacgAcgugggaaacac..... 1
 Gi3_28783211_x1.....ucguuccgaaauaggaagagaagcg..... 0
 Gi2_11302291_x1.....gaAaagcgccgucagggccccgc..... 1
 Gi2_11023222_x1.....ucggCgacgucgugggaaaca..... 1

Gi2_11288080_x1.....aggccccgccaguacugcgU..... 1
Gi2_11152975_x1.....ggccccgccaguacAgcgauC..... 1
Gi5_8924908_x1.....agagaagcgccgucGggccccg..... 1
Gi3_28435995_x1.....aggccccgNcaguacugcgauCg..... 1
Gi3_28421410_x1.....cgccaguacugcgauCggagacgucguggaacCcggg..... 1
Gi2_11146864_x1.....ucaggccccgccaguacugcgauG..... 1
Gi1_4353970_x1.....ggaacacgggAugccgaa..... 1
Gi3_28884445_x1.....gaucgAagacgucguggga..... 1
Gi5_9099013_x1.....aacacggggCgccgaacuuu..... 1
Gi5_8984995_x1.....aGcggagacgucguggaacacggggugccgaaC..... 1
Gi2_11233902_x1.....cggagacgNcgugggaaca..... 1
Gi5_8926548_x1.....gcgccgucaggccccgccCguacug..... 1
Gi4_576311_x1.....aucggagacgucgugggaGcacggggu..... 1
Gi2_11077976_x1.....acAgcgauCggagacgucgu..... 1
Gi3_28593955_x1.....gaucggagacgucgugggG..... 1
Gi3_28961268_x1.....Caucggagacgucgugggaac..... 1
Gi3_28735793_x1.....agaagcgccgucaggccAcgccagu..... 1
Gi2_11268571_x1.....auAggagacgucgugggaacacg..... 1
Gi5_8917688_x1.....gugggaacacggggugcUgaacuu..... 1
Gi3_28574923_x1.....cgccaguacugcgauCggagaUgucgu..... 1
Gi2_11151976_x1.....gaagcgUcgucaggccccgc..... 1
Gi5_9087641_x1.....agagaagcgccgucaggccccAccagu..... 1
Gi2_10995824_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
Gi2_11098429_x1.....cggagacgucgugggaacaGggggu..... 1
Gi3_28325783_x1.....cgccAucaggccccgccaguacugc..... 1
Gi2_11060232_x1.....cgugggaacUcggggugccgaa..... 1
Gi3_28719816_x1.....acgucgugggaacacggggugAcg..... 1
Gi2_11267953_x1.....cgucgugggaacacggggugccgaUcu..... 1
Gi3_28671222_x1.....cgccaguacugcgauAggagacguc..... 1
Gi2_11313179_x1.....Gucggagacgucgugggaacacggggugccgaacu..... 1
G1a_6198331_x1.....cgugggaaNacggggugccg..... 1
Gi2_11183970_x1.....ccNcgccaguacugcgauC..... 1
Gi2_11063626_x1.....gagacgucgugggaacacggggugccgaacA..... 1
G1a_6337858_x1.....caguacugcgaCcgagac..... 1
Gi5_8985482_x1.....Caagcgccgucaggccccgccaguacugc..... 1
Gi3_28491215_x1.....gaucggagacgucgugggaacacAgggugcc..... 1
Gi1_4218446_x1.....ucgugggaacacggCgugcc..... 1
Gi2_11254054_x1.....cgccaguGcugcgauCggagacguc..... 1
Gi2_11363801_x1.....cccgccaguacugcgauCggaAacguc..... 1
Gi2_11144471_x1.....gauGggagacgucgugggaaca..... 1
Gi2_11305333_x1.....guacugcgGucggagacgucgugggaaca..... 1
Gi3_28689289_x1.....uUaggccccgccaguacugcgauCggag..... 1
Gi2_11049827_x1.....gagacAucgugggaacacggggugccg..... 1
Gi5_9100563_x1.....acgAcgugggaacacggggugccgaaC..... 1
G1a_6303637_x1.....ugUgaucggagacgucgugggaa..... 1
Gi3_28544314_x1.....gagacgucgugggaacaUggggugc..... 1
Gi3_28703347_x1.....cgucgugggaacacAgggugccga..... 1

Gi3_28631531_x1.....agagGagcgccgucagcg..... 1
 Gi3_28880029_x1.....cgucUugggaacacggggu..... 1
 Gi2_11054340_x1.....cccgUaguacugcgauccggagac..... 1
 Gi2_11273986_x1.....gaagcgccgCcaggcccc..... 1
 Gi5_9109384_x1.....aucggagacgucguggaacGcggggugc..... 1
 Gi3_28294614_x1.....cgucguggCaacacggggugc..... 1
 Gi2_11035696_x1.....aucggagacguUgugggaacacgggg..... 1
 Gi3_28429765_x1.....ucaggccccgccaguacugcgGucgggagacg..... 1
 Gi1a_6277618_x1.....aucggagGcgucgugggaa..... 1
 Gi5_9090640_x1.....guUaggccccgccaguac..... 1
 Gi1_4244145_x1.....ugggaaacGcggggugccg..... 1
 Gi1_4374172_x1.....Ugugggaacacggggugccgaa..... 1
 Gi5_9013992_x1.....acgNcgugggaacacggggugccgaa..... 1
 Gi5_9109727_x1.....cgugggaaacCcggggugcc..... 1
 Gi1_4275708_x1.....gugggaaacaUggggugccgaa..... 1
 Gi5_9083321_x1.....ggaacacggggUccggaacu..... 1
 Gi5_8904191_x1.....ugggaaacGcggggugccgaaacu..... 1
 Gi3_28330403_x1.....gaucggagacgucgugAgaacac..... 1
 Gi3_28716633_x1.....ccaguacugcgauccggagCcguc..... 1
 Gi2_11270047_x1.....ucagCccccgccaguacugcg..... 1
 Gi2_11180881_x1.....aguaAugcgauccggagac..... 1
 Gi3_28598660_x1.....aggccccgccaguacugcgGucgga..... 1
 Gi3_28938160_x1.....aguacugcgCucgggagacgucguggg..... 1
 Gi2_11049988_x1.....agacgucgugggaaacacgAggu..... 1
 Gi3_28980012_x1.....ccgccaguacugcgauccggagGcgu..... 1
 Gi3_28862658_x1.....Naggccccgccaguacugc..... 1
 Gi1_4213084_x1.....agUccccgccaguacugc..... 1
 Gi3_28609142_x1.....ucgCgggaaacacggggugcc..... 1
 Gi2_11393676_x1.....gggagacgucgCgggaaacacggggu..... 1
 Gi3_28951107_x1.....gaGcgggagacgucgugggaaacacg..... 1
 Gi2_11302939_x1.....aggccccgccaguacugcAaucgggagacguc..... 1
 Gi2_11253690_x1.....gaUgucgugggaaacacggggugccg..... 1
 Gi3_28907593_x1.....uccgaaauaggaagagaagcgc..... 0
 Gi2_11202595_x1.....cgggagacguGgugggaaacacg..... 1
 Gi3_28339573_x1.....cgccgCcaggccccccag..... 1
 Gi5_9130251_x1.....gGcuggggaaacacggggugc..... 1
 Gi2_11248720_x1.....guGaggccccgccaguacugc..... 1
 Gi2_11075690_x1.....caggccccgUcaguacugcgauccggagac..... 1
 Gi3_28667785_x1.....gaucgggagacgucguggAaacacggggu..... 1
 Gi2_11156589_x1.....cgauccgggagacgGcugugggaaacac..... 1
 Gi1a_6305847_x1.....Aacgucgugggaaacacggg..... 1
 Gi3_28856501_x1.....ggccccgAcaguacugcgaucc..... 1
 Gi3_28441830_x1.....Ggccaguacugcgauccgggagacgucg..... 1
 Gi1_4387436_x1.....ggccccgccaguacCgcgauccggaga..... 1
 Gi1a_6302622_x1.....gucgugggaaacacggggugUcga..... 1
 Gi3_28276170_x1.....gccgaGcgggagacgucgugggaaacacggggu..... 1
 Gi3_28364915_x1.....ucggagUcgucgugggaaacacg..... 1

Gi3_28622615_x1.....cccgccaguGcugcgauccgga..... 1
 Gi3_28316031_x1.....cgucaggccccgccaguacugcAaucgg..... 1
 G1a_6167777_x1.....ggaacacggggugccgaa..... 0
 Gi3_28303994_x1.....cccgccaguacugcgauccggaCacguc..... 1
 Gi2_11233125_x1.....guUgugggaacacggggugccga..... 1
 Gi3_28555824_x1.....ucggagacgucgugggaUcac..... 1
 G1a_6059670_x1.....gugUgaacacggggugccgaacu..... 1
 Gi3_28838756_x1.....ucggagacgucgugggaacaAgg..... 1
 Gi2_11109614_x1.....cugcgauccggagacgucgugggaacacggggug..... 0
 Gi1_4292600_x1.....ucgugggaGcacggggugccg..... 1
 Gi1_4333800_x1.....ucgugggaNcacggggugccgaa..... 1
 Gi3_28898027_x1.....gaagcgccgucaggccccgccagC..... 1
 Gi5_8873257_x1.....gUcgucgugggaacacggggugccg..... 1
 G1a_6126336_x1.....gugggaacacggggUccgaacu..... 1
 Gi3_28741048_x1.....gccaguacuAcgauccggagacgu..... 1
 Gi3_28648335_x1.....agcgccgucaggccccgccagCacugc..... 1
 Gi3_28934294_x1.....acugcgaCcgagacgucgug..... 1
 Gi5_9067359_x1.....ugUgaacacggggugccgaacu..... 1
 Gi2_11305659_x1.....aucggagacgucgugggaacacggCgugc..... 1
 Gi2_11116248_x1.....aggccccgccaguacugcAau..... 1
 Gi2_11085909_x1.....cgucaggcAccgccaguac..... 1
 Gi2_11359256_x1.....Uagagaagcgccgucaggcccc..... 1
 Gi3_28659183_x1.....acgCcgugggaacacggg..... 1
 Gi3_28323001_x1.....ucgugggaacacggggCg..... 1
 Gi1_4271059_x1.....aCcgccgucaggccccgccaguacugc..... 1
 Gi2_11105025_x1.....cguNggaaacacggggugccgaac..... 1
 Gi3_28912650_x1.....Ucgauccggagacgucgugggaacacggggug..... 1
 Gi3_28414537_x1.....ucggagacgucguggAaacacgg..... 1
 Gi2_11379003_x1.....ggagacgucgugggCacacggggugc..... 1
 Gi2_11350208_x1.....cgucaggccccgUcaguacugcg..... 1
 Gi2_11051109_x1.....acgucgugggaacacAgggugccgaac..... 1
 Gi3_28649533_x1.....aucggagacgucgugggaGcacggggugc..... 1
 Gi1_4225270_x1.....cgugggaacacggAgugccga..... 1
 Gi3_28580414_x1.....gccaguacugcgauccggagacgCcgU..... 1
 Gi2_11358629_x1.....agagaagcgccgucaggccccgccaguacugU..... 1
 Gi2_11177260_x1.....ucggagacgucgCgggaacacg..... 1
 Gi2_11078691_x1.....uNggaaacacggggugccgaacu..... 1
 Gi2_11383022_x1.....ggagacgucgugggGacacggggugccga..... 1
 Gi5_9085140_x1.....gaNcgagacgucgugggaacacggggugc..... 1
 Gi3_28982356_x1.....caguacCcgauccggagacgucgu..... 1
 Gi2_11059334_x1.....caUgccccgccaguacugcgauccggag..... 1
 Gi2_11241827_x1.....cgucaggccccgccaguacugUg..... 1
 Gi5_8936831_x1.....Ccgugggaacacggggugccgaac..... 1
 Gi3_28987843_x1.....gccgucaggccccAccagu..... 1
 Gi3_28736416_x1.....ucaggccccgccaguGcugcga..... 1
 Gi3_28524148_x1.....Acgccgucaggccccgccaguacugcg..... 1
 Gi5_9001611_x1.....Caucggagacgucgugggaacacgg..... 1

Gi3_28821823_x1.....ucaggccccgccaguGcug..... 1
 Gi2_11245404_x1.....aagcgccgucagggccccgccGguacugc..... 1
 Gi3_28289528_x1.....agaagcgccgucGggccccgccaguacu..... 1
 Gi3_28859820_x1.....Aagacgucgugggaacacggggugcc..... 1
 Gi2_11137460_x1.....cCguacugcgauccggagacguc..... 1
 Gi5_9082272_x1.....aagagaaAcgcccgucagggccccgcca..... 1
 Gi5_8951463_x1.....agagaGcgccgucagggccccg..... 1
 Gi2_11314052_x1.....ccgcgcaguacugcgauA..... 1
 Gi2_11206891_x1.....gaUaagcgccgucagggccc..... 1
 Gi2_11406887_x1.....agaagcgccgucGggccccgcc..... 1
 Gi3_28700959_x1.....gucgugggaCcacggggugcc..... 1
 Gl1a_6359722_x1.....ucggagacgucgugggCacacggggugcc..... 1
 Gi3_28940806_x1.....cAgcgauccggagacgucg..... 1
 Gi1_4248599_x1.....cAugggaacacggggugccg..... 1
 Gi3_28637510_x1.....ucaggccccgccUguacugcgauC..... 1
 Gi2_11017063_x1.....aucggagacgucgugggaUcac..... 1
 Gi2_11242019_x1.....ggagacgucgCgggaacacggggugccgaac..... 1
 Gi2_11052282_x1.....aucggagacgucgugCgaacacggg..... 1
 Gi5_9005172_x1.....gugggaacacggggugccCaa..... 1
 Gi2_11078568_x1.....aggccUcgccaguacugcgauccgga..... 1
 Gi2_11125954_x1.....agagaagcNccgucagggccccgc..... 1
 Gi3_28365802_x1.....cgNagacgucgugggaacacggg..... 1
 Gi2_11061957_x1.....aucggagUcgucgugggaacacggggugc..... 1
 Gi5_8967961_x1.....cccgccagNacugcgauC..... 1
 Gi1_4163744_x1.....cCugggaacacggggugccga..... 1
 Gi2_11136319_x1.....cgauccggagacgucgugggCacacggggu..... 1
 Gl1a_6022868_x1.....uGcugcgauccggagacguc..... 1
 Gi1_4238753_x1.....gGcaggccccgccaguacugcg..... 1
 Gi5_8881043_x1.....cgucgugggaacacggggAgccgaa..... 1
 Gi2_11097759_x1.....cgGucggagacgucgugggaacacg..... 1
 Gi5_8845597_x1.....cgGcgugggaacacggggugccgaa..... 1
 Gi1_4305764_x1.....Ggucgugggaacacggggugccg..... 1
 Gi1_4182277_x1.....Nggaacacggggugccgaacu..... 1
 Gi3_28308229_x1.....cgugggaacacgggCugc..... 1
 Gi3_28952886_x1.....caggccccgcUaguacugcgau..... 1
 Gi5_8956334_x1.....cgucguggNaacacggggugccgaacu..... 1
 Gi2_11320052_x1.....ugggaUcacggggugccga..... 1
 Gi3_28729878_x1.....agagaagcgccgucagggccccgAca..... 1
 Gl1a_6038795_x1.....aguacugcgauccggaCacgucgug..... 1
 Gi3_28626393_x1.....ggagacgucgugggaacacgggCu..... 1
 Gi2_11150795_x1.....ggagacgucgugggaacacggggugccgaacA..... 1
 Gi2_11074514_x1.....gacgucguAggaacacggggugcc..... 1
 Gi5_8899975_x1.....gaucggUgacgucgugggaacacg..... 1
 Gi2_11153668_x1.....cgucgugggaacCcggggug..... 1
 Gi2_11141248_x1.....gaucggagacgucgugggaacCcgg..... 1
 Gi5_8896311_x1.....acacggggugcUgaacuuu..... 1
 Gi2_11105485_x1.....cgGcaggccccgccaguacug..... 1

Gi3_28641250_x1.....cNucgugggaacacggggugccgaacu..... 1
Gi3_28564823_x1.....cUaucggagacgucgugggaacacggggugccgaacu..... 1
Gi3_28981349_x1.....gagNagcgccgucagggcc..... 1
G1a_6168154_x1.....guacugcgauagcCagacgucg..... 1
Gi5_8885190_x1.....ucgugggaacacggggugccgaaA..... 1
G1a_6280309_x1.....aucggagacgucgugggaacaGg..... 1
Gi4_577406_x1.....aagcgccAucagggccccgagucgucg..... 1
Gi2_11406577_x1.....cgucguAggaacacggggugccgaa..... 1
Gi3_28313598_x1.....gcgccAucagggccccgagucgucg..... 1
Gi3_28918732_x1.....gucagggccccgcccGuaucgucgucg..... 1
Gi5_8987804_x1.....ucggagacgCcgugggaacacggggugccg..... 1
Gi3_28291865_x1.....cagggccccgagucacuUcg..... 1
Gi3_28669747_x1.....gagacgucgugggCacac..... 1
Gi2_11183169_x1.....guAgugggaacacggggugccgaac..... 1
Gi3_28684815_x1.....cgucaAgccccgagucgucg..... 1
G1a_6323419_x1.....ggccccgccaAuacugcgauc..... 1
Gi1_4175306_x1.....gaacacggggCgcccgaac..... 1
Gi2_11368360_x1.....acgucgAggggaacacggggugccgaac..... 1
Gi3_28366884_x1.....gucgugggaacaAggggu..... 1
Gi3_28578295_x1.....cgccagucgucgagUag..... 1
Gi5_9072637_x1.....acucguuccgaauaCgaaga..... 1
Gi3_28492294_x1.....aaUagaagcgccgucagggccccgagucg..... 1
Gi2_11268285_x1.....cguggUaacacggggugccgaac..... 1
Gi2_11264992_x1.....aucCgagacgucgugggaaca..... 1
Gi3_28959083_x1.....cgaucggagacgucgugAgaacacgggg..... 1
Gi3_28699853_x1.....ucaggUcccgagucgucg..... 1
Gi5_9072733_x1.....ugAgaacacggggugccgaa..... 1
G1a_6013206_x1.....Uggccccgagucgucg..... 1
Gi3_28502871_x1.....agagaagcgccgucCggcccc..... 1
Gi1_4211233_x1.....acguGugggaacacggggugccgaacu..... 1
Gi3_28619534_x1.....Gccgaauuaggaagagaagcgcc..... 1
Gi3_28425988_x1.....aggccccUccagucgucg..... 1
Gi3_28876134_x1.....acgucgugggaacacggggugcUg..... 1
Gi3_28739126_x1.....cccgagucgucgagacAgagac..... 1
Gi1_4186113_x1.....agacgucgugggGacacggg..... 1
Gi3_28650669_x1.....gagaagcAccgucagggccccgagucg..... 1
Gi3_28579735_x1.....gAccccgagucgucgag..... 1
Gi5_9085734_x1.....ugcgaucggGagcucguggg..... 1
Gi3_28828521_x1.....gaucggagacguAgugggaacacggg..... 1
Gi3_28558327_x1.....gAacucgagcggagacgucgug..... 1
Gi3_28729530_x1.....cgccagucgucgagcggUgacguc..... 1
Gi2_11125314_x1.....cgucgugggaacacggggugAcgaacu..... 1
Gi2_11168190_x1.....gccgucGggccccgagucgucg..... 1
Gi2_11264225_x1.....gucGggccccgagucgucg..... 1
Gi3_28668284_x1.....gccccgagucgucgCu..... 1
Gi2_11231619_x1.....cagNccccgagucgucgag..... 1
Gi5_8835987_x1.....cagggccccgagucgucgGuc..... 1

Gi3_28969662_x1.....cgccgucaggcUccgccag..... 1
 Gi3_28659982_x1.....gagaagcgUcgucaggccccgccaguacug..... 1
 Gi2_11046128_x1.....uccgaauuaggaagagaagcgcc.....ugggUacacggggugccg..... 1
 Gi3_28647605_x1.....uccgaauuaggaagagaagcgcc..... 0
 Gi3_28525832_x1.....caggccccgccaguacugcgauAg..... 1
 Gi3_28610008_x1.....cccgccaguacugcggaAcggagac..... 1
 Gi1_4240760_x1.....gCcgugggaaacacggggugc..... 1
 Gi5_8975097_x1.....acgucguUggaacacggggugccgaacu..... 1
 Gi2_11389614_x1.....cgugggaCcacggggugccg..... 1
 Gi3_28656084_x1.....Caagagaagcgccgucagggccccgc..... 1
 Gl1a_6308708_x1.....gugggaaacUcggggugccg..... 1
 Gi3_28385279_x1.....agagaGgcgcccgucagggccccgccagua..... 1
 Gi2_11016939_x1.....cccAgccaguacugcgauccgaga..... 1
 Gi2_11157255_x1.....acucguuccgaauuaggaagagaagcgccguc..... 0
 Gi3_28981327_x1.....agaagAgccgucagggccccgcca..... 1
 Gi2_10995683_x1.....cgccgucaNgccccgccaguac..... 1
 Gi1_4337533_x1.....ucggagacgucguAggaacacg..... 1
 Gl1a_6045183_x1.....agagaagcgUcgucagggccccgc..... 1
 Gi3_28757309_x1.....Gcaguacugcgauccgagacgucgug..... 1
 Gi2_11037397_x1.....ggccccgccaguacCgcgauccgagac..... 1
 Gi2_11236958_x1.....aucggagacgucgugggaaacA..... 1
 Gi3_28560436_x1.....Ngucgugggaaacacggggugccgaa..... 1
 Gi2_11308425_x1.....ccgccaguacugcgauUg..... 1
 Gi4_585560_x1.....guUgugggaaacacggggugccgaacu..... 1
 Gi3_28266645_x1.....gaagaAaagcgccgucagggc..... 1
 Gl1a_6188148_x1.....gccaguacugcgauccgGgacgucg..... 1
 Gi2_11246696_x1.....gacgucgugggaaacacggggG..... 1
 Gi2_11158562_x1.....gaagagaagcgccgucagAccccg..... 1
 Gl1a_6095337_x1.....caguacugcggaCcgagacguc..... 1
 Gi3_28488260_x1.....ucgugggaaacacggggugccgaG..... 1
 Gi3_28977484_x1.....cgUucggagacgucgugggaaacacggg..... 1
 Gi1_4194308_x1.....acguGgugggaaacacggggugcc..... 1
 Gi3_28545038_x1.....cagCacugcgauccgagacgucgug..... 1
 Gi1_4267076_x1.....aagcgUcgucagggccccgccaguacug..... 1
 Gi3_28309672_x1.....aguacugcAaucggagacgucg..... 1
 Gi3_28418996_x1.....aguacugcgauccgGgacgucgugggaaacac..... 1
 Gi3_28774704_x1.....acugcgauccgagacAucgu..... 1
 Gi2_11319461_x1.....ucgugggaaacacggggugGcgaac..... 1
 Gi5_8880969_x1.....gaucggagacgucgugggaaacacgggg..... 1
 Gi5_9023819_x1.....ugcgauccgagacCcguggga..... 1
 Gi1_4232884_x1.....gucguAggaacacggggugcc..... 1
 Gi2_11246202_x1.....cgGucggagacgucgugggaaac..... 1
 Gl1a_6058159_x1.....gugNgaacacggggugcc..... 1
 Gi2_11361796_x1.....ccAcgccaguacugcgau..... 1
 Gi3_28897022_x1.....aggcccAgccaguacugcgau..... 1
 Gi2_11037228_x1.....agacgucgAgggaacacggggugccgaacu..... 1
 Gi5_9030461_x1.....cgucagggccccgUcaguacugcg..... 1

Gi3_28382440_x1.....Acccgccaguacugcgauccgga..... 1
 Gi5_8902367_x1.....ccgccaguacugcgGucggaga..... 1
 Gi2_11209536_x1.....Uagagaagcgccgucaggcccc.....uGugugggaacacggggugccgaa..... 1
 Gi5_8961375_x1.....Uagagaagcgccgucaggcccc..... 1
 Gi3_28263311_x1.....ucaggccccgccaguacugcgG..... 1
 Gi3_28465364_x1.....cCggccccgccaguacugcgga..... 1
 Gl1_6246419_x1.....cgCAguacugcgauccggagacguc..... 1
 Gi3_28710470_x1.....ggagacgucgugggaaUacggggugccgaacu..... 1
 Gi2_11104637_x1.....ccccgccaguacugGgauc..... 1
 Gi2_11154056_x1.....gucgugggaUcacggggugccga..... 1
 Gi3_28574663_x1.....aagcgccgucaggccccgccUguacugc..... 1
 Gi3_28460458_x1.....Uggagacgucgugggaaacacggggugcc..... 1
 Gi2_11295679_x1.....Cacgucgugggaacacggg..... 1
 Gi2_11002789_x1.....acUucgugggaaacacggggugcc..... 1
 Gl1_6330843_x1.....gacgucgugggaaacacggggCgccgaacu..... 1
 Gi3_28728269_x1.....agagaagcgccgucAagcccccca..... 1
 Gi4_574258_x1.....gaAcggagacgucgugggaaacacggg..... 1
 Gi2_11022786_x1.....cgucgugggaaacacggggugccgaacuu..... 0
 Gi5_8830194_x1.....agcgccgucaggccccUgccaguacugcgga..... 1
 Gi3_28465324_x1.....ucgugggaaacacggggUaccga..... 1
 Gi3_28647551_x1.....cucgCuccgaauuaggaaga..... 1
 Gi3_28430543_x1.ccuuGacucguuccgaauu..... 1
 Gi2_11275259_x1.....cgugCgaacacggggugccgaa..... 1
 Gi1_4191460_x1.....ggagacgucgugggaGcacggggug..... 1
 Gi2_11038868_x1.....cgauccggagGcgucgugggaaacacggggg..... 1
 Gi3_28457283_x1.....gggNacacggggugccgaa..... 1
 Gi5_8858915_x1.....gggaaacacggggugccgaacuu..... 0
 Gi3_28570057_x1.....gaagagaagcgccgucGggccccg..... 1
 Gi2_11236329_x1.....gagacgucgugggaaacacggggugA..... 1
 Gi1_4230006_x1.....Cgccccgccaguacugcgauccggaga..... 1
 Gi2_11187634_x1.....acCgcgaucggagacgucgugggaaacac..... 1
 Gl1_6219313_x1.....gaucggagacGccguggg..... 1
 Gi5_8859447_x1.....ccgccUguacugcgauccggagacguc..... 1
 Gi3_28728403_x1.....agAccccgccaguacugcgauccgga..... 1
 Gi5_8831567_x1.....ggUcccgccaguacugcgaucc..... 1
 Gl1_6135084_x1.....Auacugcgauccggagacgucg..... 1
 Gl1_6331687_x1.....gcgAcgucaggccccgccaguacugc..... 1
 Gi1_4351126_x1.....gggaaacacggAgugccgaacuu..... 1
 Gi2_11311963_x1.....ucUgagacgucgugggaaacacgggg..... 1
 Gi5_8968304_x1.....gugUgaacacggggugccgaacuuu..... 1
 Gi1_4235862_x1.....cgauccggagacgucgugAgaacacggggugc..... 1
 Gi1_4362616_x1.....cgccaguacugcgauccggagacgu..... 0
 Gl1_6088612_x1.....gucaggccccUgccaguacugcg..... 1
 Gi2_11359199_x1.....cgauccgagacgucgugggaaaca..... 1
 Gi2_11261560_x1.....caguacugcgauccggagacgucAu..... 1
 Gl1_6273796_x1.....cAucaggccccgccaguacug..... 1
 Gi3_28751224_x1.....cgccaguGcugcgauccggagacg..... 1

Gi1_4274198_x1.....cgCcaggccccccagacuacugcg..... 1
Gi2_11113831_x1.....Ngggaacacggggugccgaacu..... 1
G1a_6129382_x1.....agagaagcNccgucaggcccc..... 1
Gi2_11069801_x1.....Uaggccccccagacuacugcgagac..... 1
Gi3_28461376_x1.....ggagacgucguggaaAacg..... 1
Gi3_28428655_x1.....gacgucgugCgaacacggggg..... 1
Gi5_9072787_x1.....Ncggggaacacggggugccgaacu..... 1
Gi1_4259484_x1.....Naucggagacgucgugg..... 1
Gi2_11221653_x1.....aucggagacguAgugggaacacggggugcc..... 1
Gi3_28847512_x1.....cccgccagacuacugcgaAcgg..... 1
Gi5_8861451_x1.....gaucggagacgucguggaac..... 0
Gi3_28418452_x1.....ccgcccagacuacugcgaUaggagac..... 1
Gi3_28913868_x1.....caggccccccagacuacAgc..... 1
Gi2_11354586_x1.....cccgccagacuacugcgUucggagacguc..... 1
Gi2_11057128_x1.....agaAaagcgccgucagggccccgc..... 1
Gi5_8877721_x1.....gagacgucgugggaacacggggugUcgaacu..... 1
Gi3_28665668_x1.....ccccgccaguGcugcgauccggagacgucgug..... 1
Gi1_4363309_x1.....gaacacggggugUccgaacu..... 1
Gi2_11055016_x1.....agacgucgugggCacacggggugcc..... 1
Gi5_9029107_x1.....acgCcgugggaacacggggugccg..... 1
Gi3_28575937_x1.....aagcgccgucagggUccgccagacuacgc..... 1
Gi2_11069347_x1.....cccAccagacuacugcgau..... 1
Gi3_28817096_x1.....gNucggagacgucgugggaacacggggg..... 1
Gi3_28897319_x1.....caggccccccagacuacugcgauccgaCac..... 1
Gi2_11256879_x1.....gugCgaacacggggugccgaac..... 1
Gi3_28645682_x1.....cCgagacgucgugggaacac..... 1
Gi3_28393006_x1.....ccccgccagacuacAgauccggagacg..... 1
Gi2_11198671_x1.....gccccgccagacuacugcgauccAgagacguc..... 1
Gi2_11213569_x1.....aggccccccagacuacugcgauccCgagacg..... 1
Gi2_11061657_x1.....cccgccagacuacugcgauccA..... 1
Gi2_11334049_x1.....aggccccccagacuacugcgauccgaga..... 1
Gi3_28904865_x1.....aacacggggugUcgaacuu..... 1
Gi2_11033926_x1.....cggagGcgucgugggaacac..... 1
Gi3_28717663_x1.....ucggagacgucgugggaacacggggugcA..... 1
Gi2_11161723_x1.....Gacugcgauccggagacgucgugggaaca..... 1
Gi3_28503117_x1.....Ugcccagucagggccccccagacu..... 1
Gi2_11013683_x1.....cgauccggagacgucgugggaacacggggAgc..... 1
G1a_6182054_x1.....Nucagggccccccagacuacugcg..... 1
Gi2_11006413_x1.....gaucggCgacgucgugggaacacgggggug..... 1
Gi3_28577693_x1.....ccAccagacuacugcgauccggagacgucgug..... 1
Gi2_11324468_x1.....gaucggagacgucgAggggaacacggg..... 1
Gi2_11081100_x1.....gcccgauUggagacgucgugggaacacggggugcc..... 1
Gi5_8867879_x1.....gagacguUgugggaacacg..... 1
G1a_6203553_x1.....aucggagacgucgCgggaacacggggug..... 1
Gi5_9021777_x1.....acgucgugggaacacggggGgccc..... 1
Gi2_11260498_x1.....acAucgugggaacacggggugc..... 1
Gi2_11381544_x1.....gaucggagacgucgugggCacacgg..... 1

Gi1a_6210213_x1.....aagagaagcgccgucagggccU..... 1
Gi3_28439569_x1.....ccUccaguacugcgauccgagacguc..... 1
Gi3_28463846_x1.....cgugggaaGacggggugcc..... 1
Gi3_28605618_x1.....ccgccaguacugcgauccggaAacgu..... 1
Gi2_11007882_x1.....cgucgGgggaacacggggugc..... 1
Gi2_11206776_x1.....aUagaagcgccgucagggc..... 1
Gi3_28619017_x1.....agacgucgugggGacacggggugccgaac..... 1
Gi5_8986479_x1.....cgccaguacugcgauccgagacguUgugg..... 1
Gi1_4298220_x1.....aucggagacgucguAggaacacg..... 1
Gi3_28603933_x1.....gcgauccgagacgucgugggaaAa..... 1
Gi3_28545241_x1.....aagagGagcgccgucagggcccgccagu..... 1
Gi3_28326972_x1.....ucggaAacgucgugggaaacacggggugcc..... 1
Gi1a_6016308_x1.....gugggGacacggggugccga..... 1
Gi2_11115539_x1.....cUguacugcgauccgagacgucgu..... 1
Gi2_11352659_x1.....agacgucgugUgaacacggggugcc..... 1
Gi3_28571796_x1.....cggagacgucgugggaaacacggggugcG..... 1
Gi2_11262270_x1.....gucagggcccgccaguacGgc..... 1
Gi5_9088070_x1.....ccccgccaguacugcgauccgagacg..... 1
Gi3_28730895_x1.....cUguacugcgauccgagacgucgug..... 1
Gi2_11281154_x1.....ugggaaacacggggugccgaaA..... 1
Gi3_28822979_x1.....cccgccaguacuAcgauccgagacgucgug..... 1
Gi1a_6229925_x1.....aucgUagacgucgugggaaacacgggg..... 1
Gi2_11123344_x1.....cggagacgucgugggaaacacgUggugcc..... 1
Gi2_11344725_x1.....cgucgugCgaacacggggugccg..... 1
Gi3_28453023_x1.....ccUccaguacugcgauccg..... 1
Gi5_8845076_x1.....cgucagggcccgccaguacuAcg..... 1
Gi2_11147120_x1.....Ugaagagaagcgccgucagggcccg..... 1
Gi2_11072583_x1.....ggagacgucAugggaaacacggggugcc..... 1
Gi3_28954349_x1.....ggagacgucgCgggaaacacggggugccga..... 1
Gi5_8918097_x1.....ggccccgccaguCcugcgaucc..... 1
Gi2_11091719_x1.....gaacacggggUaccgaac..... 1
Gi3_28624533_x1.....cggagacgucgCgggaaacacggggugc..... 1
Gi1_4329851_x1.....cugcgauccgagacgucg..... 0
Gi3_28731575_x1.....cgccaguGcugcgauccggaga..... 1
Gi2_11001701_x1.....aucggagacgucgugggaaGacggggugc..... 1
Gi5_9085377_x1.....cgucAugggaaacacggggugcc..... 1
Gi2_11047573_x1.....gucagggcccgccaguacugUgauc..... 1
Gi3_28456713_x1.....ccaguacugcgauccgagGcguc..... 1
Gi1a_6142514_x1.....aagUgaagcgccgucagggccc..... 1
Gi2_10992993_x1.....agccUcgccaguacugc..... 1
Gi1a_6091533_x1.....guacugcgauccgagacguc..... 1
Gi4_580071_x1.....agacgucgugggGacacggggugcc..... 1
Gi1_4170939_x1.....ggagacgucgugggaaacaUggggugccg..... 1
Gi3_28926728_x1.....agacgucgugggGacacggggg..... 1
Gi1a_6160371_x1.....cggagacgucgugggaaacacggggGg..... 1
Gi2_11197035_x1.....gagacgucgCgggaaacacggggug..... 1
Gi2_11234949_x1.....ccccgccUguacugcgauccg..... 1

Gi3_28474207_x1.....Agagacgucgugggaacacgg..... 1
Gi3_28586968_x1.....gauUggagacgucgugggaacacgg..... 1
Gi5_8911624_x1.....gccguAagggccccccagucugc..... 1
Gi3_28280455_x1.....gccaguacugcgauccggagCcg..... 1
G1a_6038099_x1.....ggaacacgUggugccgaacu..... 1
Gi3_28718006_x1.....gaagagaagcgccgCcaggccccgc..... 1
Gi5_8942016_x1.....agaAgucguggggaacacggggugccgaacu..... 1
G1a_6105634_x1.....cgccgucaggccccccGguacugc..... 1
Gi1_4227190_x1.....cgucGggccccccagucugc..... 1
Gi4_603979_x1.....ucAgagacgucguggggaacacggggugccg..... 1
Gi3_28669973_x1.....ucUgggaacacggggugccgaa..... 1
Gi2_11298832_x1.....aucggagacgucgugggaacacggggugccGacu..... 1
Gi2_11104245_x1.....ucggagacgucgugggaacacAgggg..... 1
G1a_6163339_x1.....cUccaguacugcgauccggagacgucg..... 1
G1a_5995158_x1.....aAuacugcgauccggagacgucg..... 1
Gi2_11370936_x1.....caggccccccaUuacugcga..... 1
Gi5_8850452_x1.....acgucguAggaacacggggugccg..... 1
G1a_6068262_x1.....ggaacacggggAgccgaacu..... 1
Gi2_11082867_x1.....ucaggccAcgccagucugc..... 1
Gi1_4298577_x1.....Aacgucguggggaacacggggugccg..... 1
Gi2_11340070_x1.....aagaUaagcgccgucagggccccgc..... 1
Gi3_28424833_x1.....agagaGcgcccgucagggcccccca..... 1
Gi2_11335833_x1.....aucggagacgucgugggaacacggggUccgaacu..... 1
Gi5_9008576_x1.....Nacacggggugccgaacu..... 1
Gi2_11111218_x1.....cgucagggccccccagucugcgauccggagacguc..... 0
Gi2_11382028_x1.....cCccaguacugcgauccggagacguc..... 1
Gi1_4163381_x1.....auUggagacgucgugggaacacggggg..... 1
G1a_6104088_x1.....aucggaAacgucguggggaacacggggugcc..... 1
Gi3_28421707_x1.....ccccgccagucAaucggagacg..... 1
Gi3_28834180_x1.....acgucgugggaacacAgg..... 1
Gi5_8879035_x1.....ucgugggaUcacggggugccgaacu..... 1
Gi3_28363697_x1.....agagaUgcccgcgucagggccccgc..... 1
Gi3_28565877_x1.....gcUgucagggccccccaguc..... 1
Gi2_11159848_x1.....aucggagacgucAugggaacacg..... 1
Gi3_28637861_x1.....agggccccccagucUcugcga..... 1
Gi3_28719942_x1.....gucgugggNacacggggugccgaa..... 1
Gi3_28422102_x1.....guacugcgCucggagacg..... 1
Gi2_11038285_x1.....gggaacacggggugccUaacu..... 1
Gi2_11252341_x1.....gaagagaGgcccgcgucaggg..... 1
Gi3_28624301_x1.....cUccgccagucugcgauccggagacg..... 1
Gi2_11140793_x1.....guNggaacacggggugcc..... 1
Gi3_28363717_x1.....gucgugAgaacacggggugccga..... 1
Gi3_28581829_x1.....cgccagucAcgauccggagacg..... 1
Gi2_11360713_x1.....cgauccggagacgucgugggaacacggggugG..... 1
G1a_6096377_x1.....gucagggccccgUcagucugc..... 1
Gi3_28424149_x1.....gucgugggaaAacggggugccgaa..... 1
Gi2_11136317_x1.....gucgugggaacacggggugAcgaac..... 1

Gi2_11257083_x1.....ucggagacgucgugggaaacCcgggg..... 1
 Gi3_28597761_x1.....gaucggGgacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28818020_x1.....uacugcgaucaGagacguc.....acggggugccgaac..... 1
 Gi5_9134122_x1.....gggaaAacggggugccgaac..... 1
 Gi2_11207113_x1.....cccgccaguacugAgaucgg..... 1
 Gi3_28742930_x1.....aNcggagacgucgugggaaacacg..... 1
 Gi3_28513312_x1.....acgucgugggaaacacggggugGc..... 1
 Gi3_28627026_x1.....gcgaGcggagacgucgugggaaacacggg..... 1
 Gi1_4248776_x1.....acugcgauccggagaAgucg..... 1
 Gi3_28721043_x1.....ucggagacgucgugggCacacgg..... 1
 Gi3_28788999_x1.....ucagUccccgccaguacugcgauccg..... 1
 Gl1a_6353042_x1.....cgucaggccccgccaguacugUg..... 1
 Gl1a_6119399_x1.....cgccaguacugcgUucggagacguc..... 1
 Gi2_11026821_x1.....agaagcgccgucagUccccgccagu..... 1
 Gi1_4334723_x1.....Gggagacgucgugggaaacacggggugccgaac..... 1
 Gi4_614186_x1.....aUacgucgugggaaacacggggg..... 1
 Gl1a_6277786_x1.....aagagaagcgcUgucaggccc..... 1
 Gi2_11370141_x1.....aucggagacgGcgugggaaacac..... 1
 Gi2_11219855_x1.....ccccgccaguacuCcgauc..... 1
 Gi3_28480387_x1.....cguNaggccccgccaguacugcgauccg..... 1
 Gi2_11222770_x1.....guacugcgauccgGgacgu..... 1
 Gi3_28683639_x1.....aagagaagcgcCaggccc..... 1
 Gi3_28282324_x1.....agacgucgugggaaacacggggAgccgaac..... 1
 Gl1a_6337277_x1.....Gcggagacgucgugggaaacacggggugc..... 1
 Gi2_11373598_x1.....gaucggGgacgucgugggaaaca..... 1
 Gi2_11403042_x1.....ucgugggaaacacggggugcGgaac..... 1
 Gi3_28268982_x1.....cUaucggagacgucgugggaaacacggggug..... 1
 Gi2_11120309_x1.....agacgucguAggaacacggggugccg..... 1
 Gi2_11313192_x1.....ugcAaucggagacgucgugggaaaca..... 1
 Gi2_11342962_x1.....agaagcgccgucagccccgAc..... 1
 Gi4_580927_x1.....gucaggccccgccaguacCgcg..... 1
 Gi1_4361582_x1.....guacugcgauccgGgacgucgu..... 1
 Gi2_11060547_x1.....cgucgugAgaacacggggugccgaac..... 1
 Gi3_28498903_x1.....aucggagacgucgugggaaGacggg..... 1
 Gi1_4342969_x1.....ucgugggaaacCcgggugc..... 1
 Gi3_28698219_x1.....ucggagacgucgCgggaacacg..... 1
 Gi5_8888806_x1.....ugcAaucggagacgucgugggaa..... 1
 Gi5_9009949_x1.....gugggaaacacggggugccgaCcuuu..... 1
 Gi3_28677720_x1.....gagacgucNugggaacacg..... 1
 Gi1_4247871_x1.....aucgAagacgucgugggaaacacg..... 1
 Gl1a_6280664_x1.....aucggagacgucgugggaaacacgggAug..... 1
 Gi2_11117908_x1.....agAacugcgauccggagacgucg..... 1
 Gi3_28960715_x1.....gucgugggaaacacggggugccgaac..... 1
 Gi3_28963887_x1.....gggaaacacgUggugccga..... 1
 Gi3_28420565_x1.....aagagaUgcgcccgucaggc..... 1
 Gi1_4191378_x1.....gaucggagacgucgugggCaacacgg..... 1
 Gi3_28799148_x1.....gccaguaAugcgauccggagacguc..... 1

Gi3_28973030_x1.....auGggagacgucgugggaacacggggugcc..... 1
 Gi3_28911732_x1.....gccgucaggccccgccGguacu..... 1
 Gi1_4225154_x1.....ggccUgccagucgucgagacgaga..... 1
 Gi5_9100266_x1.....aguacugcgauUagacguc..... 1
 Gi3_28395315_x1.....gucgugggaacacgggCugccga..... 1
 Gi3_28751606_x1.....caggccccgAcaguacugcgau..... 1
 Gi1_4267381_x1.....gaCcgagacgucgugggaacacgg..... 1
 Gi2_11239451_x1.....gucgugggaacacggggugccgaaU..... 1
 Gi1a_6061831_x1.....gaUgcgccgucaggccccgcca..... 1
 Gi4_598252_x1.....uUggaacacggggugccga..... 1
 Gi1a_6194866_x1.....cccgUcaguacugcgauUagacguc..... 1
 Gi3_28752326_x1.....cgGcgucaggccccgccagua..... 1
 Gi2_11039844_x1.....Ggucgugggaacacggggug..... 1
 Gi5_8878051_x1.....cgugggaacaAggggugcc..... 1
 Gi2_11239154_x1.....cgucguCggaacacggggugccgaa..... 1
 Gi3_28826202_x1.....ccccgAcaguacugcgau..... 1
 Gi3_28688445_x1.....gacguUgugggaacacggg..... 1
 Gi1a_6261597_x1.....gaucggagacgucAuggggaacacggggu..... 1
 Gi3_28275142_x1.....cgaucggaAacgucguggg..... 1
 Gi1_4381788_x1.....gccccgccaguacCgcgucgagaga..... 1
 Gi3_28525078_x1.....agaaUgcgccgucaggccccgccaguaucg..... 1
 Gi3_28590111_x1.....gagGcgucgugggaacac..... 1
 Gi3_28530240_x1.....ccccAccaguacugcgau..... 1
 Gi2_11246430_x1.....ggccccgccUguacugcgau..... 1
 Gi2_11283954_x1.....Ugagacgucgugggaaca..... 1
 Gi1_4294699_x1.....gugggaacacggggugAcg..... 1
 Gi3_28312956_x1.....gagaagcgccgucaggccccUgc..... 1
 Gi3_28615074_x1.....gucaggccccgccaguaCucggaucgg..... 1
 Gi3_28841641_x1.....ucguCggaacacggggugccg..... 1
 Gi2_11002249_x1.....gacgucguNggaacacggggugccgaa..... 1
 Gi5_9000862_x1.....cgugggaacacggggAgccga..... 1
 Gi2_11274415_x1.....acguUgugggaacacggggugccgaa..... 1
 Gi2_11017046_x1.....acgucgugggaacacggggugccgG..... 1
 Gi5_8905663_x1.....aucggagacgucgugggaacaUg..... 1
 Gi5_9039918_x1.....cCccaguacugcgauUagacguc..... 1
 Gi2_11226287_x1.....ccccgcAaguacugcgauUagacguc..... 1
 Gi5_9105812_x1.....acgucgugggaacGcggggugccgaa..... 1
 Gi2_11182052_x1.....gagaagcgccgucaggccccgccaA..... 1
 Gi2_11228618_x1.....ucggagacgucguggAaacacggggu..... 1
 Gi2_11160587_x1.....GcgccaguacugcgauUagacguc..... 1
 Gi1_4218468_x1.....ucggagacgucAuggggaacacg..... 1
 Gi1a_6047474_x1.....gucgAggggaacacggggugccgaa..... 1
 Gi3_28482114_x1.....acugcgauUagggagacguc..... 1
 Gi2_11237710_x1.....aagagaagcgccgucaggcccc..... 1
 Gi1a_6084449_x1.....cgucCggccccgccaguaucg..... 1
 Gi2_11220327_x1.....aucggagacgucgugggaacacgggAugcc..... 1
 Gi1_4250768_x1.....cgucaggccccgUcaguacugcg..... 1

Gi2_11376987_x1.....gugCgaacacggggugccg..... 1
 Gi2_11368188_x1.....cAgagacgucgugggaacacggggug..... 1
 Gi2_11316561_x1.....gcgaucgCagacgucguggga..... 1
 Gi3_28324680_x1.....caggccccgcAaguacugcg..... 1
 Gi2_11245133_x1.....uAggaacacggggugccgaacuu..... 1
 Gi2_11061967_x1.....caAgccccgccaguacug..... 1
 Gl1a_6204197_x1.....aucggagacgucgugggaGcacggggug..... 1
 Gi2_11141837_x1.....gaacacggggugccgaaU..... 1
 Gi2_11207748_x1.....acgucgugggaacacggggugccAaac..... 1
 Gi3_28762275_x1.....ugUgaucggagacgucgugggaacacggggg..... 1
 Gl1a_6033122_x1.....gaucggGgacgucgugggaacacggg..... 1
 Gi2_11016963_x1.....aagaAaagcgccgucagggccccgccag..... 1
 Gi3_28458349_x1.....ugggaacacggggUccgaa..... 1
 Gi3_28895260_x1.....agaagcgccgucagggcGcc..... 1
 Gi3_28768992_x1.....aagagaagcgccgucagggccccgUcagua..... 1
 Gi2_11346639_x1.....cgNagacgucgugggaacacggggug..... 1
 Gl1_4293908_x1.....acugcgaucggagacgucgugAga..... 1
 Gi2_11138233_x1.....cgaucggagacgucgugggaGcacg..... 1
 Gi2_11092460_x1.....acugcgaucggagaGgucgugggaacac..... 1
 Gi2_11380370_x1.....aucggUgacgucguggga..... 1
 Gl1_4208248_x1.....acgucgugggaacaUggggugcc..... 1
 Gi2_11279612_x1.....cgaucggagacAucgugg..... 1
 Gl1_4386051_x1.....aucggagacAucgugggaacacgg..... 1
 Gl1a_6154776_x1.....gccaguacNcgcaucggagacgucgug..... 1
 Gi5_8844491_x1.....gucagggccccgccaguacugcU..... 1
 Gl1_4298845_x1.....gaacacgggCugccgaacu..... 1
 Gi2_11264793_x1.....Acaggccccgccaguacugc..... 1
 Gi5_9001498_x1.....ugggaaUacggggugccgaacuu..... 1
 Gi5_9027922_x1.....gacgucgugAgaacacggggugccgaac..... 1
 Gi3_28864141_x1.....Uagacgucgugggaacacggg..... 1
 Gi3_28582602_x1.....gccguUagggccccgccaguacugc..... 1
 Gl1a_6147158_x1.....aucgUagacgucgugggaacacggggugccgaacu..... 1
 Gl1_581452_x1.....cgAcgugggaacacggggugccgaacu..... 1
 Gl1_4284261_x1.....ucggagacgucgGgggaacacggggugcc..... 1
 Gi3_28954213_x1.....cgucgugggaacacgUggugccgaacu..... 1
 Gl1_4375631_x1.....ggaacacggggugccgaUcu..... 1
 Gi2_11177082_x1.....cgggagacgucgugggaaGacggggugcc..... 1
 Gi5_9129840_x1.....caggccccccCguacug..... 1
 Gi5_9132995_x1.....ccccgccaguacugcgaCgggagacg..... 1
 Gi2_11180874_x1.....gCagacgucgugggaacac..... 1
 Gi2_11371518_x1.....cccgccaguacugcUauc..... 1
 Gi2_11213496_x1.....ucaggccccgAcaguacugcg..... 1
 Gl1a_6014240_x1.....aggccccgccagCacugc..... 1
 Gi2_11152317_x1.....auNggagacgucgugggaa..... 1
 Gi2_11230865_x1.....ccgucaggAcccgccaguacugc..... 1
 Gl1_4352787_x1.....Gagagaagcgccgucagggccccgccagu..... 1
 Gi2_10998158_x1.....ucguCggaacacggggugccgaac..... 1

Gi2_11076189_x1.....cgucgugggaacacggggugccUaacu..... 1
 Gi2_11239063_x1.....acugcgaucggGgacgucgugg..... 1
 Gi5_8898971_x1.....ucgugggaaGacggggugccgaacu..... 1
 Gi2_11131711_x1.....cggagacgAcgugggaacacggggugc..... 1
 Gi2_11216759_x1.....gccaguacugcgGucggaga..... 1
 G1a_6205048_x1.....ggAaacacggggugccgaacu..... 1
 Gi3_28328145_x1.....ccgaauuaggaagagaagA..... 1
 Gi2_11369648_x1.....cCccgucagggcccgcaguc..... 1
 Gi5_8972330_x1.....cgucagggcccgcGguacugcg..... 1
 Gi2_11344132_x1.....cgaucggagacgucguggg..... 0
 Gi2_11203685_x1.....Aaagagaagcgccgucagggccc..... 1
 Gi2_11255422_x1.....acgucgugggUacacggg..... 1
 Gi5_8973750_x1.....agacgucgNgggaacacggggugccga..... 1
 Gi2_11139295_x1.....ggagUcgucgugggaaacag..... 1
 Gi2_11013882_x1.....agagaagcgccgucagggccc..... 1
 Gi1_4218612_x1.....ucgugggaacacggggugAcgaac..... 1
 Gi3_28612262_x1.....gagCcgucgugggaacacggggugccgaacu..... 1
 Gi5_8959579_x1.....gacgucgugggUacacggggugccgaacu..... 1
 Gi1_4187341_x1.....cgucagggcccUcgccaguacugc..... 1
 Gi2_11161697_x1.....ugggaacacggggugccgaGcuu..... 1
 Gi3_28765951_x1.....gagacgucguggCaacac..... 1
 Gi2_10993195_x1.....aggccccgccaguacugcgauCg..... 1
 G1a_6118270_x1.....aucgUagacgucgugggaacacggggu..... 1
 Gi5_8871754_x1.....gucgugggaacacggggugGcgaacu..... 1
 Gi1_4287992_x1.....aguacugcgauCgGgacgucgugg..... 1
 Gi2_11333836_x1.....caguacugcgauCggaAacgucgug..... 1
 Gi3_28686319_x1.....cggagUcgucgugggaacacggggu..... 1
 Gi3_28370819_x1.....ccgCcaggccccgccaguacugc..... 1
 Gi3_28729080_x1.....caggccccgccaguacugcgcaCcgga..... 1
 Gi3_28971991_x1.....acgucgugggaacacUgggugccgaacu..... 1
 Gi5_8866969_x1.....gagacgucgGgggaacacggggugccgaacu..... 1
 Gi3_28442769_x1.....cggagacgucgugggaacacgA..... 1
 Gi1_4332098_x1.....aGcggagacgucgugggaacac..... 1
 Gi1_4180163_x1.....ggUaacacggggugccgaa..... 1
 Gi2_11077671_x1.....gucagggccccgcUaguacugcgau..... 1
 Gi1_4203296_x1.....ugggaacacggggugccCaacu..... 1
 Gi2_11065564_x1.....aAgccccgccaguacugcgauCgagacguc..... 1
 Gi3_28806727_x1.....gaucggUgacgucguggga..... 1
 Gi4_581858_x1.....ugggaacaUggggugccgaacu..... 1
 Gi3_28781421_x1.....gucguCggaacacggggugccgaac..... 1
 Gi2_11394044_x1.....ccgccaAuacugcgauCgagacg..... 1
 Gi3_28905150_x1.....ucaggccccgccaguacugUgauc..... 1
 Gi3_28580025_x1.....gggaacacggggugccAa..... 1
 Gi2_11319369_x1.....gAacugcgauCgagacguc..... 1
 Gi5_9039252_x1.....CacugcgauCgagacguc..... 1
 Gi4_601083_x1.....gacgucgugggaacacggggugccgaacA..... 1
 Gi3_28845537_x1.....aggccccgccaguaUugcgauCg..... 1

Gi2_11019094_x1.....gaagagaagcgcccgucCggccccg..... 1
 Gi2_11327060_x1.....agagaaAcgccgucaggcccc..... 1
 Gi2_11163189_x1.....ggagacgucAugggaaacac..... 1
 Gi3_28287834_x1.....Ggacgucgugggaacacggggugccga..... 1
 G1a_6272810_x1.....gugAgaacacggggugcc..... 1
 Gi2_11245222_x1.....uacugcgaucggagacgucGg..... 1
 G1a_6211939_x1.....ucUggccccgccaguacugcgucg..... 1
 G1a_6177240_x1.....gugggaacacggUgugccgaac..... 1
 Gi2_11335073_x1.....ugggaacaAggggugccgaac..... 1
 Gi5_8994390_x1.....ugggaacacggggugAcgaac..... 1
 Gi5_9005993_x1.....aagcgccgucaggccccgccag..... 1
 Gi2_11256948_x1.....aagcgccgucaggccccgccag..... 0
 Gi1_4363772_x1.....ucUggccccgccaguacugcg..... 1
 Gi2_11241494_x1.....cccgccaguacugcgaCcg..... 1
 Gi3_28576509_x1.....caguacugcgaucggagaAguc..... 1
 G1a_6330169_x1.....gugggUacacggggugccga..... 1
 Gi5_8988568_x1.....uCcgaucggagacgucgug..... 1
 Gi2_11143052_x1.....gacgucgugggaacaUggggu..... 1
 Gi2_11202202_x1.....gggaacacggggugccgaaG..... 1
 Gi3_28494721_x1.....aggccccgccGguacugcgaucggagacguc..... 1
 Gi3_28841672_x1.....gacgucgugggaacacggggAgccg..... 1
 Gi3_28766777_x1.....Cgagacgucgugggaaca..... 1
 Gi3_28730796_x1.....gagaagcgccgucaggccccgU..... 1
 G1a_6200068_x1.....gaucggagacguUguggg..... 1
 Gi2_11325681_x1.....ggccccgcNaguacugcgau..... 1
 G1a_6210977_x1.....aucggCgacgucgugggaa..... 1
 Gi3_28736345_x1.....ggagacgucCgggaacacggggugccg..... 1
 Gi2_11397475_x1.....gccaguaUugcgaucgga..... 1
 Gi2_11298835_x1.....aucggagaAgucgugggaacacggggugcc..... 1
 Gi2_11312390_x1.....ugggaacacggggugcUgaacuu..... 1
 Gi2_11097603_x1.....cgucUugggaacacggggugccgaa..... 1
 Gi3_28327540_x1.....caggccccgccaguacugcAaucgg..... 1
 Gi3_28824308_x1.....ggagacguNgugggaacacggggugccgaacu..... 1
 Gi2_11060477_x1.....acgucguggAaacacggggugccgaacu..... 1
 Gi2_11313016_x1.....ucggCgacgucgugggaacacg..... 1
 Gi3_28269626_x1.....cgucCggccccgccagua..... 1
 Gi3_28265614_x1.....gacgucguNggaacacgggg..... 1
 Gi4_602639_x1.....Uugggaacacggggugccga..... 1
 Gi3_28898992_x1.....gacgucgugggUacacgg..... 1
 Gi5_8879834_x1.....ucggagacgucgugggaacacggggAgc..... 1
 Gi2_11213899_x1.....ccccgccaguacugcgaucggagaU..... 1
 Gi3_28639876_x1.....gaagcgccgucaAgccccgccagua..... 1
 Gi5_8831697_x1.....ucaggccccgccaguaUugcg..... 1
 Gi2_11239555_x1.....gaacacggggugAcgaacu..... 1
 Gi1_4297033_x1.....ugAgaacacggggugccgaac..... 1
 Gi2_11049209_x1.....ucggagacgucgugggaGca..... 1
 Gi2_11089603_x1.....ugggCacacggggugccgaa..... 1

Gi3_28519045_x1.....gacgucgugggaacacggggugccAaac..... 1
 Gi1_4390456_x1.....aagagGagcgccgucaggccccgccagu..... 1
 Gi1_4325097_x1.....acgucgugNgaacacggggugccg..... 1
 Gi3_28602114_x1.....aguacugcgauccggagacgucguggC..... 1
 Gi3_28326807_x1.....caguacugcgaCcgagacgucg..... 1
 Gi5_8842873_x1.....uGggagacgucguggggaacacggggugc..... 1
 Gi2_11273479_x1.....Uucggagacgucguggga..... 1
 G1a_6173837_x1.....ccgccaguacugcgGucggagacguc..... 1
 Gi3_28532087_x1.....aagagaagUgccgucaggccccgccagu..... 1
 Gi2_11223692_x1.....gagaagcgccgucaggcccc..... 0
 Gi2_11339566_x1.....cgauccgGcagcugcugg..... 1
 Gi3_28781275_x1.....aggccccgccaguacugcgauccggagGc..... 1
 G1a_6184194_x1.....caguacugcgauccggagacGc..... 1
 Gi3_28531289_x1.....cggagacgucgugggaacacggggugUcgaacu..... 1
 Gi3_28899933_x1.....ccgucaggccccgcUaguacugc..... 1
 Gi2_11221025_x1.....ucggagacgucgugggCac..... 1
 G1a_6148154_x1.....ggagacgucgugggaGcacgggugc..... 1
 Gi3_28451547_x1.....ggagacgucgugggaacaAggggugcc..... 1
 Gi2_11240536_x1.....ucggagacgucgugAggaacacggggugc..... 1
 Gi5_8989152_x1.....cggagacgucgugggaacGcgggugccga..... 1
 Gi3_28985203_x1.....gggaacacggggugcUgaacuu..... 1
 Gi1_4287197_x1.....Uggagacgucgugggaacacggg..... 1
 Gi1_4319731_x1.....Uucgugggaacacggggugccga..... 1
 Gi3_28471382_x1.....cgccgucaggccAcgccaguac..... 1
 Gi3_28682418_x1.....gccaguGcugcgauccgga..... 1
 Gi2_11027942_x1.....gucaggccccgAcaguacugc..... 1
 Gi3_28882687_x1.....aggccccgccaguacugAgauccg..... 1
 Gi3_28955447_x1.....gcccggucaggccccgccaguacGc..... 1
 Gi3_28348332_x1.....gagaagcgccgGcaggcccc..... 1
 G1a_6146313_x1.....cgauccgUagacgucgugg..... 1
 Gi1_4187792_x1.....ccgccaguacugcgauccggag..... 0
 Gi3_28878412_x1.....cgucUggccccgccaguacugcg..... 1
 Gi2_11350395_x1.....gucaggccccgccaguaGugcgau..... 1
 Gi2_11104989_x1.....aguacugcNaucggagacgucgu..... 1
 G1a_6121645_x1.....gGcugcuggggaacacggggu..... 1
 Gi3_28768348_x1.....aucggCgacgucguggga..... 1
 Gi2_11163716_x1.....cgucgugggaacacggUgugccga..... 1
 Gi2_11344569_x1.....cgccaguacugcgauccgA..... 1
 Gi1_4203920_x1.....cgucgugggaacacCgggugccgaacu..... 1
 Gi5_8898412_x1.....uNuggggaacacggggugccgaacu..... 1
 Gi4_585580_x1.....Ucucgugggaacacggggugccgaacu..... 1
 Gi3_28685992_x1.....agacgucgugggaacaAggggugcc..... 1
 Gi2_11377830_x1.....ccccgccUguacugcgauccggagacgu..... 1
 Gi1_4283490_x1.....gagacgucgugggGacacgggugccgaac..... 1
 Gi1_4214120_x1.....acgucAuggggaacacggggugcc..... 1
 Gi2_11068700_x1.....acgucguAggaacacggggu..... 1
 Gi1_4258367_x1.....gaucggagacgucguggAaacac..... 1

G1a_6066103_x1.....gucgugggaaAacggggugcc..... 1
 Gi5_9042661_x1.....ggaacacggggugcAgaac..... 1
 Gi1_4165828_x1.....gacgucgugGgaacacggggugccgaacu..... 1
 Gi2_11037517_x1.....gacgGcgugggaaacacggg..... 1
 Gi2_11055295_x1.....agacgucguggAaacacggggugccgaac..... 1
 Gi3_28846831_x1.....cggaUacgucgugggaacacggggugc..... 1
 G1a_6082560_x1.....cUcggcagucgucgagacguc..... 1
 Gi2_11349767_x1.....gucgugggaaUacggggugc..... 1
 Gi2_11103829_x1.....cggagacgucguUggaacacggggg..... 1
 Gi5_9039556_x1.....gAagacgucguggaaca..... 1
 Gi3_28653873_x1.....gaagagaagcgccgucagGcc..... 1
 Gi5_9073329_x1.....aucggGgacgucgugggaacacgg..... 1
 Gi3_28943300_x1.....gacgucgugggaacacggggugUcgaac..... 1
 Gi2_11247733_x1.....gaagcgccgucGggcccc..... 1
 Gi2_11309524_x1.....agacgucguggCaacacggggugccg..... 1
 Gi5_9041758_x1.....gggaacacggAgugccgaa..... 1
 Gi3_28550327_x1.....ccccgccagucgucgagacguG..... 1
 Gi5_9011612_x1.....cgucguggUacacggggugcc..... 1
 Gi3_28397331_x1.....caggccccccagucgUuc..... 1
 Gi3_28811358_x1.....caggccccNccagucgucgag..... 1
 Gi3_28872904_x1.....cgUaguacgucgagac..... 1
 Gi3_28854929_x1.....ugcgaucggagacgucg..... 0
 Gi5_8942613_x1.....cgCgggaacacggggugcc..... 1
 Gi1_4289402_x1.....caggccccNccagucgucg..... 1
 Gi3_28639173_x1.....aggccccccagucgGucg..... 1
 G1a_6285320_x1.....aucggagacgucgugggaacacgAggu..... 1
 Gi2_11402647_x1.....Uaggccccccagucgucgag..... 1
 Gi5_8880976_x1.....aggccccccagucgU..... 1
 Gi5_9134079_x1.....aucggagacgucgugggaacaUgggg..... 1
 G1a_6268154_x1.....Nugggaacacggggugccgaac..... 1
 Gi2_11235931_x1.....Gcugcgaucggagacgucgugggaacacgggg..... 1
 G1a_6287698_x1.....ggcUcccagucgucg..... 1
 G1a_6013865_x1.....ggagacgucgugggaacGcggggugcc..... 1
 Gi2_11359732_x1.....gaucggagacgucgugggaacacggggugU..... 1
 Gi4_567386_x1.....gucgugggaacacggggugccgaac..... 0
 Gi1_4208410_x1.....gucguggAaacacggggugccgaacu..... 1
 Gi1_4248030_x1.....Cugggaacacggggugccgaac..... 1
 Gi1_4218245_x1.....gacgucgugggaacacggggU..... 1
 G1a_6135161_x1.....uacugcgaucggagacGc..... 1
 Gi3_28446594_x1.....cgccCucagggccccagua..... 1
 Gi3_28595332_x1.....ccgccUguacgucgagacguc..... 1
 Gi5_8865706_x1.....ugggaacacgggAugccgaa..... 1
 Gi2_11299089_x1.....aagaCaagcgccgucagggcc..... 1
 Gi2_11006347_x1.....cggagacgucgugggaacacggggugccgaGc..... 1
 Gi5_8868039_x1.....acgucGgggaacacggggugccg..... 1
 Gi5_8846235_x1.....aucggagacgucgugggaacacggggugccgCacu..... 1
 Gi2_11373772_x1.....aucggagacgucguggUaacacggggugcc..... 1

G1a_6031185_x1.....ucggGgacgucgugggaaacacggggugc..... 1
 Gi3_28281086_x1.....uacugcgaucgUagacguc..... 1
 Gi1_4239272_x1.....Uggaacacggggugccga..... 1
 Gi3_28938721_x1.....gccAuaucugcgaucggagacgu..... 1
 Gi2_11228339_x1.....agCacugcgaucggagacgucgu..... 1
 Gi5_8911937_x1.....ugggaacacggggugcGgaa..... 1
 Gi5_9006437_x1.....Ugucgugggaaacacggggugccga..... 1
 G1a_6225123_x1.....Ccugcgaucggagacguc..... 1
 G1a_6351124_x1.....gUagagaagcgccgucag..... 1
 Gi3_28305212_x1.....gccgucaggccccgccaguGcug..... 1
 Gi1_4264564_x1.....gucgugggaaacGcggggugccgaac..... 1
 Gi2_11310635_x1.....gacgucgugggGacacggggugccga..... 1
 Gi3_28685900_x1.....cggagacgucgugggaaacacggggugA..... 1
 G1a_6066440_x1.....gaucggagacAucgugggaaacacgggggu..... 1
 Gi1_4294247_x1.....gugggaacacggggugccgG..... 1
 Gi3_28472117_x1.....cgccaCuacugcgaucggagacguc..... 1
 Gi2_11379577_x1.....gaucggagacgucgugggaaacacggAg..... 1
 Gi5_9116943_x1.....aagagaagcgccgucaggccccCcc..... 1
 Gi2_11279849_x1.....cgaucggagacgucgugggGacacggg..... 1
 Gi2_11268480_x1.....ggCgacgucgugggaaacacggggugccg..... 1
 Gi5_8915895_x1.....cguggaaacacggggAgccgaac..... 1
 Gi3_28904151_x1.....cgccaguacugcgaucggagacgucguC..... 1
 Gi2_11326686_x1.....gagacAucgugggaaacacggggugccgaac..... 1
 Gi1_4238517_x1.....ggagacgucgugggaaacacAgggugcc..... 1
 Gi3_28676313_x1.....cgaucggagacgucgugggaaacacgAg..... 1
 Gi2_11212967_x1.....aagagaagcgccgucagcccc..... 1
 Gi3_28457457_x1.....Accgucaggccccgccaguacug..... 1
 Gi3_28837504_x1.....acgucgugggaaacacggggugccgaaU..... 1
 Gi3_28852602_x1.....ucgCgggaacacggggugccga..... 1
 Gi2_11297268_x1.....gaucggagacgucgugggaaacacgCggu..... 1
 Gi2_11281114_x1.....ccccgccaguGcugcgaucggag..... 1
 Gi3_28273799_x1.....gagacgucgugggaaacacggggG..... 1
 Gi3_28702255_x1.....ccgccaguNcugcgaucggagacgucgug..... 1
 Gi2_11056980_x1.....ucggagacgucgugggaaUacggggugcc..... 1
 Gi2_11407229_x1.....cgaucggagaUgucgugggaaacacggggug..... 1
 G1a_6235680_x1.....caggGccccccaguacugc..... 1
 Gi3_28424052_x1.....cgucgugggaaacUgggg..... 1
 Gi5_9028438_x1.....cguggaaacacggggugccgCacuu..... 1
 Gi5_9073395_x1.....gaucggagGcugcugggaaacac..... 1
 Gi3_28773657_x1.....gugggaacacggggugccCaa..... 1
 Gi3_28389100_x1.....gacgucguggCaacacggg..... 1
 G1a_6312734_x1.....cgucaggccccccaguacGcgg..... 1
 Gi2_11382090_x1.....ucguAggaaacacggggugccgaa..... 1
 Gi2_11137027_x1.....ccgccaguacugcgaucggagacgCc..... 1
 Gi2_11121624_x1.....ccccccaAuaucggauc..... 1
 Gi3_28620283_x1.....uGggagacgucgugggaaacacggggugccgaa..... 1
 Gi4_607032_x1.....cgucaggccccccagua..... 0

G1a_6271189_x1.....ucgugggaaacacggggugccgCacu..... 1
 Gi1_4258260_x1.....agacgucguggAaacacgggg..... 1
 Gi2_11407747_x1.....ggaacacgUggugccgaa..... 1
 Gi3_28768028_x1.....gagacgucguUggaacacggggugccgaacu..... 1
 Gi3_28778325_x1.....acugcgaucggGgacguc..... 1
 Gi3_28911453_x1.....gccaguacugcgGucggagacgucgug..... 1
 G1a_6165964_x1.....aGgagaagcgcgcucagcggcccg..... 1
 Gi3_28930946_x1.....ccccgccaguacugcgauccggG..... 1
 G1a_6204988_x1.....gucagggccccccaguacugUga..... 1
 Gi3_28395366_x1.....gcUaguacugcgauccggagacgucgu..... 1
 Gi2_11140736_x1.....acgucguggaaacacggggugcAga..... 1
 Gi3_28806899_x1.....cgauccggagacgCcgugg..... 1
 Gi1_4212863_x1.....acugcgaucggagacgucgug..... 0
 Gi5_8994048_x1.....acgucguggaaacacggggugGcgaacu..... 1
 Gi1_4355122_x1.....gcUaguacugcgauccggagacg..... 1
 G1a_6020469_x1.....gGagagaagcgcgcucag..... 1
 Gi3_28667616_x1.....cgccgucagggccccccaAuacugc..... 1
 Gi2_11261287_x1.....gcgauccggagacgucgugggaGcac..... 1
 Gi3_28849959_x1.....aucggagacgucgugggaacacggggugccgaCc..... 1
 Gi3_28927200_x1.....cgccGguacugcgauccggagacgucgu..... 1
 Gi2_11227566_x1.....cgucgugggaacCcggggugccgaac..... 1
 Gi2_11345812_x1.....agcgcAgucagggccccccagua..... 1
 Gi3_28369545_x1.....gccaguacugcgauccggagaAguc..... 1
 Gi3_28793683_x1.....aacacgggAugccgaacuu..... 1
 G1a_6010522_x1.....acugcgaucggaUacgucgug..... 1
 G1a_6275680_x1.....aguacugcgUucggagacguc..... 1
 Gi3_28327060_x1.....ggccccAccaguacugcgauccg..... 1
 Gi2_11049787_x1.....gagacgucgugggGacacggggugccgaac..... 1
 Gi3_28263794_x1.....cugcgaucggagGcgucgugggaacacggggug..... 1
 Gi2_11061044_x1.....uacugcgaNcggagacgu..... 1
 Gi5_8838329_x1.....ucgugggaaacacUgggugccgaac..... 1
 Gi2_11114290_x1.....cgugggaacacCgggugcc..... 1
 Gi2_11396022_x1.....agacgucguggAaacacggggugccgaacu..... 1
 Gi2_11259636_x1.....agggccccccaguacugcgauccggagaU..... 1
 Gi5_9050285_x1.....cgugggaGacggggugccgaac..... 1
 Gi3_28362844_x1.....gucagggccccAccaguacug..... 1
 Gi3_28853055_x1.....cgccgucagggcccUgccaguac..... 1
 Gi5_8946845_x1.....gagaagcAccgucagggccccccaguacu..... 1
 Gi5_8966854_x1.....aacNcggggugccgaacuuu..... 1
 Gi3_28474406_x1.....ggagacgucgugggaacacggAgugccgaa..... 1
 Gi3_28452059_x1.....aucggagacgucgugggaacacgUgg..... 1
 Gi1_4385906_x1.....agaaUcgccgucagggccccgc..... 1
 Gi2_11098121_x1.....acgucgugggaacCcggggugc..... 1
 Gi2_11139134_x1.....ccaguUcugcgauccggagacguc..... 1
 Gi2_11269828_x1.....cgucgugggUacacggggugccga..... 1
 Gi3_28441839_x1.....caguacugUgauccggagacgucgug..... 1
 Gi3_28364789_x1.....cccAccaguacugcgauccggaga..... 1

Gi5_8883791_x1.....gucguggAaacacggggugccgaac..... 1
 Gl1a_6318872_x1.....cccgccaguacugcgauccggagacAuc..... 1
 Gi2_11316296_x1.....gcgaucggagacgucAuggga..... 1
 Gi3_28474380_x1.....Cguacugcgauccggagacg..... 1
 Gi3_28987731_x1.....Agccaguacugcgauccggagacg..... 1
 Gi2_11107628_x1.....gagacgucgugggGacacggg..... 1
 Gl1a_6141618_x1.....gugggaGcaccggggugccg..... 1
 Gi5_9076818_x1.....ucggagacgucgugggaacaUggggugc..... 1
 Gi1_4334866_x1.....gugggaacGcggggugccg..... 1
 Gi2_11194674_x1.....gccaguacugcgCucggagacg..... 1
 Gi5_9073317_x1.....ucgugggaacaGggggugccgaacu..... 1
 Gi5_9006272_x1.....cGccaguacugcgauccggagacg..... 1
 Gi2_11156294_x1.....ccgucaggccccccaguUcugcg..... 1
 Gi2_11181265_x1.....aguaAugcgauccggagacg..... 1
 Gi2_10997752_x1.....ccgccUguacugcgauccggagacguc..... 1
 Gi1_4274004_x1.....cgugggGacacggggugccg..... 1
 Gi2_11144389_x1.....aggAcccgccaguacugcgauccgg..... 1
 Gi1_4377773_x1.....cggGgacgucgugggaacacggg..... 1
 Gi2_11031273_x1.....gugggaaGacggggugccg..... 1
 Gi3_28913650_x1.....gucgugggaacacggggugcGgaac..... 1
 Gi2_11251656_x1.....cgccGguacugcgauccggagac..... 1
 Gi1_4305564_x1.....ggagacgucguggAaacacggggug..... 1
 Gi3_28870232_x1.....gucgugUgaacacggggugcc..... 1
 Gi3_28632849_x1.....aggccccgccaguacugcgGucgg..... 1
 Gi2_11278635_x1.....Ncugcgauccggagacgucgugg..... 1
 Gi2_11133577_x1.....ccccgccaguacugcgauU..... 1
 Gi2_11162603_x1.....gacgucgugggGacacggg..... 1
 Gi2_11285778_x1.....cAccaguacugcgauccggagacguc..... 1
 Gi1_4309018_x1.....cgggagacgucgugggGacacggg..... 1
 Gl1a_6008330_x1.....cgGgggaacacggggugccg..... 1
 Gi3_28478654_x1.....agaagcAccgucaggcccc..... 1
 Gi2_11340143_x1.....gaGgagaagcgccgucaggccccgcc..... 1
 Gi2_11359226_x1.....acgucgugggaacacUgggugccgaacu..... 1
 Gi5_8978347_x1.....gugNgaacacggggugccgaac..... 1
 Gi1_4248390_x1.....aggcccAgccaguacugcgauccgg..... 1
 Gi1_4253439_x1.....gucgugggaacacGcgugccgaacu..... 1
 Gi2_11363200_x1.....gucgCgggaacacggggugccga..... 1
 Gi5_8938382_x1.....ccccccaNuacugcgauccggagacguc..... 1
 Gi5_9103253_x1.....aacaGggggugccgaacuuu..... 1
 Gi2_11132054_x1.....cgauccggagaUgucgugg..... 1
 Gi3_28876598_x1.....agagaagcgccgucaggccccccagCacu..... 1
 Gl1a_6157255_x1.....agagaagcgccgucaggccccccaguacugcg..... 0
 Gi3_28717458_x1.....agaagcgCNguacggccccccaguacugcg..... 1
 Gi3_28717228_x1.....ucggGgacgucgugggaacacggg..... 1
 Gi3_28932665_x1.....gugUgaacacggggugccg..... 1
 Gi1_4337449_x1.....caUgccccccaguacugcgauccggagacg..... 1
 Gi3_28941250_x1.....cgggagacgucgugggaacacggggCgccgaacu..... 1

Gi3_28922843_x1.....gGgacgucgugggaacacggggugccgaa..... 1
 Gi3_28835771_x1.....gucguAggaacacggggugccga..... 1
 Gi3_28364391_x1.....Gcugcgauccggagacgucg..... 1
 Gi3_28667676_x1.....cgucgugggaacacggggugccgaaG..... 1
 Gi5_8907779_x1.....caggUcccgccaguacugcga..... 1
 Gi1_4165743_x1.....aggccccgccaguacuAcgauc..... 1
 Gi3_28561913_x1.....ucUggccccgccaguacugcgauccggagac..... 1
 G1a_6073149_x1.....agaagcgccgucaggUcccgc..... 1
 Gi1_4185255_x1.....Agugggaacacggggugccg..... 1
 Gi3_28726619_x1.....gagacgucgugggaacGcggggg..... 1
 Gi5_8889851_x1.....cgucgugUgaacacggggugc..... 1
 Gi3_28304405_x1.....cgugggaacacgggCugcc..... 1
 Gi2_11356584_x1.....agagaagcgUcgucaggc..... 1
 Gi2_11071703_x1.....agacgAcgugggaacacggggugccgaacu..... 1
 Gi2_11378665_x1.....cccgccGguacugcgauccggagacguc..... 1
 Gi3_28674055_x1.....cgucaggccccgccaguacuAcgaucgga..... 1
 Gi1_4373495_x1.....gaNcacggggugccgaacu..... 1
 Gi3_28490468_x1.....ccccgccGguacugcgauccg..... 1
 Gi2_11184253_x1.....aCagaagcgccgucagggccccgccc..... 1
 Gi3_28723281_x1.....agaagUgcccgucagggcccc..... 1
 G1a_6028206_x1.....Gggccccgccaguacugcgauc..... 1
 Gi2_11298844_x1.....uAggagacgucgugggaacacg..... 1
 Gi3_28280263_x1.....Gccgccaguacugcgauccggagacgucg..... 1
 Gi2_11076305_x1.....ggagacguNgugggaacacggggug..... 1
 Gi1_4372224_x1.....Ggacgucgugggaacacggggugccg..... 1
 Gi5_9030997_x1.....gugggaacCcggggugccga..... 1
 Gi3_28823538_x1.....agagaagcgccgucGggccccgccc..... 1
 Gi3_28855707_x1.....gaGcggagacgucgugggaacacgggg..... 1
 Gi2_11153262_x1.....cgucgugggaGcacggggugccgaac..... 1
 Gi1_4248734_x1.....ugUgaacacggggugccgaacu..... 1
 Gi2_11162846_x1.....cggagacgucgugggaacaUggggg..... 1
 Gi3_28944625_x1.....ccgccaguacugcgGucggagac..... 1
 Gi2_11304713_x1.....aucggagacgucgugggaGc..... 1
 Gi2_11005273_x1.....Ucgucgugggaacacggggg..... 1
 Gi5_9031043_x1.....agacgucgugggCacacggggugccgaacu..... 1
 Gi4_600927_x1.....guggUaacacggggugccgaac..... 1
 Gi2_11176115_x1.....ugggaacaAggggugccg..... 1
 Gi1_4164095_x1.....gagacAucgugggaacacggggugcc..... 1
 Gi3_28947707_x1.....cgccUguacugcgauccggagacgucgug..... 1
 Gi3_28524549_x1.....gugggaacacCgggugccg..... 1
 Gi2_11173193_x1.....caggccccgccaguacugcgCucgga..... 1
 Gi2_11359708_x1.....aucggagacgucgugAgaaca..... 1
 Gi2_11295790_x1.....guggCaacacggggugccga..... 1
 Gi5_9126618_x1.....aguacCgcgacgagacguc..... 1
 Gi3_28553739_x1.....Acggagacgucgugggaacacggg..... 1
 Gi2_11066940_x1.....cUgccaguacugcgauccggag..... 1
 Gi5_9101621_x1.....acugcgauccggaUacguc..... 1

Gi3_28794766_x1.....gugggaacacgCggugccgaa..... 1
Gi5_8969834_x1.....ucggagacgucgugggaaacacggggugccgacC..... 1
Gi1_4304902_x1.....aucggagacgucgUAggaacacgg..... 1
G1a_6010676_x1.....cgucaggccccgAcaguacugcg..... 1
G1a_6350341_x1.....ggUacacggggugccgaa..... 1
Gi5_8947306_x1.....gucgugggaaacacgAgggugccgaa..... 1
Gi2_11343345_x1.....guNggaacacggggugccgaa..... 1
Gi5_9062997_x1.....cggagacgucgugggGacacggggugccga..... 1
Gi2_11197183_x1.....gagaAgucgugggaaacacggggug..... 1
Gi3_28436183_x1.....ucgugggaaacacggggAgccga..... 1
Gi2_11046776_x1.....ggagacgucgugggaaacacggggU..... 1
Gi5_9006416_x1.....acgucgugggaaacacgggAugccgaa..... 1
Gi2_11208926_x1.....cgccagCacugcgauccggaga..... 1
G1a_6180880_x1.....cgucGggccccgacagua..... 1
Gi3_28855452_x1.....cgccaguacugcgauccggagacCuc..... 1
Gi3_28663461_x1.....guacugAgauccggagacg..... 1
Gi2_11220552_x1.....cgccaguacugcgauccggagGcgucug..... 1
Gi3_28562460_x1.....cgaauuaCgaagagaagcgc..... 1
Gi3_28650346_x1.....ucaggccccgUaguacugcgaucc..... 1
Gi2_11234386_x1.....cgugggaCcacggggugccgaa..... 1
Gi2_11362225_x1.....gGgaucggagacgucgugggaaac..... 1
Gi5_9080550_x1.....ugggaacacggggugcGgaa..... 1
Gi1_4242639_x1.....agacgCcgugggaaacacggggugccgaacu..... 1
Gi3_28910295_x1.....cccgccaguacCcggauc..... 1
Gi5_8972427_x1.....ucaggccccgGcaguacugcg..... 1
Gi3_28419020_x1.....cgccaguacugcgauccggUgacgucg..... 1
Gi5_9134788_x1.....aggccccgccaguacugcgaAc..... 1
Gi3_28753057_x1.....ccaguacugcgauccggagacguAgug..... 1
Gi2_11317758_x1.....aagcgccgucagCccccgccaucugc..... 1
Gi2_11330853_x1.....ggagacgucgugggaaacUc..... 1
Gi1_4219266_x1.....guUgugggaacacggggug..... 1
G1a_6114862_x1.....aguacugcgauccggGgacgucg..... 1
Gi3_28676887_x1.....aAgucgugggaaacacggg..... 1
Gi3_28984566_x1.....gaagCgaagcgccgucagggccc..... 1
Gi3_28369533_x1.....cgugggaaUacggggugccgaa..... 1
Gi1_4356615_x1.....caggccccgccaucugcgaucc..... 1
Gi3_28797323_x1.....gaucggagNcgucgugggaaac..... 1
Gi3_28875237_x1.....gAcaguacugcgauccggagacguc..... 1
Gi5_9101699_x1.....agagaagcgccgucagggccccgGcagu..... 1
Gi2_11201061_x1.....agagaagUgccgucagggccccgcca..... 1
Gi3_28803067_x1.....agcgccgucagggCccccgcau..... 1
Gi2_11208892_x1.....gAcgugggaacacggggugccgaa..... 1
Gi3_28849907_x1.....ucggagGcgucgugggaaacacgg..... 1
Gi3_28424303_x1.....cggagacgucgugggaaacacggggUccgaacu..... 1
Gi3_28601525_x1.....ggagacgucgugggaaacacgggCugcc..... 1
Gi3_28346408_x1.....gagacgucgugggaaacacggggugUcgaacu..... 1
Gi3_28772224_x1.....cgccagGacugcgauccggagac..... 1

Gi3_28488947_x1.....acAucugugggaacacggggugccga..... 1
Gi3_28550778_x1.....agaagcgccgucagggcAccgcca..... 1
Gi1_4312033_x1.....acugcgauccggGgacgucguggga..... 1
G1a_6153709_x1.....ggagacgucgugggaacacggggugccgUacu..... 1
Gi5_9078797_x1.....gaucggagacgucgAgggaacacggggugc..... 1
Gi2_11049741_x1.....aucggagacguAgugggaaca..... 1
Gi2_11002706_x1.....cUcgccaguacugcgauccggagacgucgu..... 1
Gi5_8860336_x1.....gugggaacCcggggugccgaacuu..... 1
Gi3_28444369_x1.....cgucaggUcccgccaguacugcg..... 1
G1a_6228957_x1.....ggaagagaagcgccgucagggc..... 0
Gi5_9112394_x1.....gaucggagacgucgugggaGcacgg..... 1
Gi1_4353009_x1.....gggaacacggggugccAaacuu..... 1
G1a_6031834_x1.....cgugggaacacggggguAcc..... 1
Gi2_11318314_x1.....aagagaGgcccgcgucagggccc..... 1
G1a_6354557_x1.....aucggagacgucgugggUacacggggugcc..... 1
Gi2_11367292_x1.....gCccccgccaguacugcgauccgg..... 1
Gi5_9062086_x1.....ggagacgCcgugggaacacggggugccgaacu..... 1
Gi2_11304930_x1.....ugggCacacggggugccga..... 1
Gi2_11305409_x1.....caguacugcgauccggagGcgucg..... 1
Gi5_8880801_x1.....guAgugggaacacggggugccgaa..... 1
Gi2_10992763_x1.....cgauccggaAacgucguggga..... 1
Gi2_11244544_x1.....cccgccaguacugcgauccAgagac..... 1
Gi3_28813095_x1.....aggNccccgccaguacugcg..... 1
Gi1_4159604_x1.....ugggaacaNggggugccgaacuu..... 1
Gi2_11090635_x1.....gccgucGggccccgccaguacugcg..... 1
Gi2_11019672_x1.....gccccgccaguCcgcgauccgg..... 1
Gi5_9025802_x1.....Acaggccccgccaguacugcg..... 1
Gi5_9092452_x1.....acgucgugUgaacacggggugccgaacu..... 1
Gi2_11088315_x1.....aggccccgccaguacugcgGucg..... 1
Gi2_11069429_x1.....ccccgccaguacugcgcaCcgag..... 1
Gi1_4272561_x1.....ugcgaCcgagacgucguggga..... 1
Gi2_11201916_x1.....gacgucgugggaacacggUgugccgaacu..... 1
Gi2_11241448_x1.....gagacgucNugggaacacggggugcc..... 1
Gi3_28553144_x1.....gucaAgccccgccaguacugcg..... 1
Gi2_11124541_x1.....uUcugcgauccggagacgucgug..... 1
Gi2_11132058_x1.....gugggaacacggggguCcc..... 1
Gi5_9045048_x1.....aucggagacguAgugggaacacg..... 1
Gi2_11207090_x1.....cgcUaguacugcgauccggagac..... 1
Gi2_11196410_x1.....Aacgucgugggaacacggggugccgaac..... 1
Gi2_11128417_x1.....gaucggagacgucgugggaacaAgg..... 1
Gi3_28862184_x1.....cccgccaAuacugcgauccgg..... 1
Gi2_11028662_x1.....gucaggccccgccGguacugcg..... 1
Gi3_28496837_x1.....cgccaguacugcgauccggagacgucguA..... 1
Gi5_9121769_x1.....gugggaacacggggugcAga..... 1
Gi3_28584250_x1.....cccgccaguGcugcgauccggagacg..... 1
Gi5_9028513_x1.....gccccgccUguacugcgauccgga..... 1
Gi2_11210839_x1.....Acgucaggccccgccaguacugcgaucc..... 1

Gi3_28431813_x1.....ccgccCguacugcgauccggag..... 1
Gi2_11240880_x1.....uggNaacacggggugccgaac..... 1
Gi3_28961737_x1.....cgucgugggaCcacggggugccga..... 1
Gi2_11341444_x1.....ccgccaguacugcgauccggagaUg..... 1
Gi3_28511370_x1.....caguacugcgauccAgagacgucgu..... 1
G1a_6068107_x1.....Ggucaggccccgccaguacug..... 1
Gi2_11114961_x1.....gccaguacugcgauccggagacguAgug..... 1
Gi2_11377321_x1.....gucgugAgaacacggggugcc..... 1
Gi3_28418074_x1.....ccgccaguacugcgUucgg..... 1
G1a_6048808_x1.....ggaacacggggugccgaaU..... 1
Gi3_28720113_x1.....agUgaagcgccgucagggccccgccaguacu..... 1
Gi2_11269920_x1.....ucggagacgucgugggaacacUgggugc..... 1
Gi2_11391111_x1.....gagacgucguggAaacacggggugc..... 1
Gi5_9049990_x1.....gccgucaggccccgccaguacuCc..... 1
Gi3_28570187_x1.....gagaagcgccgucagggccccgccaA..... 1
Gi1_4203391_x1.....gccgucaggccccgccagGacu..... 1
Gi1_4200544_x1.....acugcgauccggagacGcCguggga..... 1
Gi2_11017429_x1.....gccccgccaguacugcCauc..... 1
Gi5_8958246_x1.....aagagaagcgccgucGggccccgcca..... 1
Gi2_11379042_x1.....agagaagcgccgucaAgcccc..... 1
Gi2_11266754_x1.....gggagacgucgugggGaca..... 1
Gi3_28298219_x1.....aacucguuccgaauaCgaagagaagc..... 1
Gi3_28689514_x1.....ccccgccaguacugcAaucggagacgu..... 1
Gi2_11346812_x1.....acgucgCgggaacacgggggu..... 1
Gi4_572025_x1.....cgugUgaacacggggugccgaacu..... 1
Gi2_11167562_x1.....gggaacacggggugAcga..... 1
Gi3_28503586_x1.....ccccgccaguacugAgaucggaga..... 1
Gi3_28303325_x1.....gccgucagggccccgcUaguac..... 1
Gi1_4223786_x1.....aucAgagacgucgugggaacacgg..... 1
Gi3_28876094_x1.....cccgUcaguacugcgauccggagacguc..... 1
Gi3_28556832_x1.....agacgucgugggaacacggggugccgCa..... 1
Gi3_28969706_x1.....cgucgugggaacacgUggugc..... 1
G1a_6168374_x1.....aucggagacgucgCgggaacacg..... 1
Gi2_11156498_x1.....cgauccggagacgucgugggaGcacggg..... 1
Gi2_11002326_x1.....aucggagacgucgugggaacacA..... 1
G1a_6238480_x1.....gggagacgucgugggaacGcggggugccgaacu..... 1
Gi2_11248460_x1.....gagacgucgugggaacacggggugccgCacu..... 1
Gi2_11390093_x1.....cgauccggGgacgucgugggaacac..... 1
Gi2_11095498_x1.....cggagacgucgugggaacacggUgug..... 1
Gi2_11198605_x1.....cgAgggaacacggggugccg..... 1
Gi3_28582647_x1.....aucggagacgucgugggaacacggggGccgaacu..... 1
Gi2_11270787_x1.....gucgugggaacacggAgugcc..... 1
Gi5_8930869_x1.....aucggaUacgucgugggaacac..... 1
G1a_6353752_x1.....gaucggagacgucgugggaacaUg..... 1
Gi3_28724562_x1.....gauAggagacgucgugggaacacgggg..... 1
G1a_6165842_x1.....ccccgccaguacugcgauccggagacGc..... 1
Gi3_28419275_x1.....ggccccgccaguacugcgauA..... 1

Gi3_28783433_x1.....gggaacacggggugccgCacuu..... 1
 Gi1_4261278_x1.....ucggagacgucgugggaaacacAgggugc..... 1
 Gi3_28348224_x1.....gucgNgggaacacggggugccgaacu..... 1
 Gi3_28597562_x1.....ucaggccccgUcaguacugcgau..... 1
 Gi5_8863159_x1.....agacguAgugggaacacggggugccgaac..... 1
 Gi1_4320291_x1.....acgucgAgggaacacggggugccg..... 1
 Gi3_28704348_x1.....cgucaggccccgccaguaGugc..... 1
 G1a_6244603_x1.....ggcccAgccaguacugcgau..... 1
 Gi3_28657980_x1.....gaagagaagUgccgucagggccccgc..... 1
 Gi1_4224197_x1.....acugcgauccggagacAucguggaaca..... 1
 Gi3_28721702_x1.....Aaucggagacgucgugggaaacacggggugc..... 1
 Gi3_28893236_x1.....Ccuggggaacacggggug..... 1
 Gi3_28333244_x1.....gaagagaGgcgccgucagggccccccagu..... 1
 Gi3_28353211_x1.....cgccUguacugcgauccggagacguc..... 1
 Gi3_28284506_x1.....gcGccgccaguacugcgau..... 1
 Gi5_8886182_x1.....cgucgugggaCcaccggggugc..... 1
 Gi2_11077230_x1.....guacugcgauccggagacgucAggg..... 1
 Gi2_11109190_x1.....gacgucAugggaacacggggugccg..... 1
 G1a_6130414_x1.....gugggaacacggggugccgaC..... 1
 Gi2_11103863_x1.....gcccgcgucagAccccgccaguacug..... 1
 Gi2_11043660_x1.....agNccccgccaguacugcg..... 1
 Gi5_9089708_x1.....gaucggagGcgucgugggaacacgg..... 1
 Gi1_4304043_x1.....Cgaacacggggugccgaa..... 1
 Gi1_4350968_x1.....cgucgugggaacacggggugccgCac..... 1
 Gi4_594765_x1.....gccaguacugcgauccggagCcguc..... 1
 Gi1_4373308_x1.....ccgucaggAcccgccaguacug..... 1
 Gi3_28508747_x1.....gaUacgucgugggaacacggggugcc..... 1
 Gi2_11394916_x1.....gaAaagcggcugcagggccccgcc..... 1
 Gi1_4239750_x1.....cguuccgaauaCgaagagaagc..... 1
 Gi3_28691686_x1.....gUcgucagggccccgccaguac..... 1
 Gi3_28518841_x1.....cgccaguacugcgauccAgagacguc..... 1
 Gi5_8844974_x1.....gugggaacaAggggugccgaa..... 1
 Gi3_28946130_x1.....ccccgccaguacugcgUucggagacg..... 1
 Gi1_4253668_x1.....cggaUacgucgugggaacacggg..... 1
 Gi3_28829698_x1.....gagacgucgCgggaacac..... 1
 Gi3_28806818_x1.....gggaCcaccggggugccga..... 1
 Gi3_28636243_x1.....Agucaggccccgccaguacugcg..... 1
 Gi2_11407500_x1.....gaucggagacUucgugggaacacggg..... 1
 Gi1_4347727_x1.....agacgucgugggaacaAggggugcc..... 1
 Gi1_4179380_x1.....ggagacgucgugggaacacggggugAcg..... 1
 Gi3_28424747_x1.....aguacugcgauccAgagacgucgu..... 1
 Gi2_11155296_x1.....ucgugggaacCcggggugc..... 1
 Gi3_28386882_x1.....aagagaagcggcGcaggccccgcc..... 1
 Gi1_4338964_x1.....ucggagacNucgugggaacacggg..... 1
 Gi3_28286751_x1.....gccaguacugcgauccggGgacg..... 1
 Gi3_28270965_x1.....ccgccaguGcugcgauccggagacguc..... 1
 Gi2_11396997_x1.....ccccgccaguacugcgCuc..... 1

Gi2_10997053_x1.....ugggaacacgggguCccg..... 1
 Gi3_28633542_x1.....gaucggagaUgucguggga..... 1
 Gi2_11038458_x1.....Accgucagggccccccagucggauc..... 1
 Gi3_28647744_x1.....auNggagacgucgugggaacacggggugcc..... 1
 Gi3_28270008_x1.....ucUgagacgucgugggaacac..... 1
 Gi2_11207418_x1.....gacUucgugggaacacggggugccgaac..... 1
 Gi1_4310620_x1.....gacgucgugggaacacgg..... 0
 Gi2_11371270_x1.....aggGcccgccagucggauc..... 1
 Gi2_10993227_x1.....gcgaucggagacgucguggUa..... 1
 Gl1a_6103203_x1.....agacgucgugggaacacggggCgccgaac..... 1
 Gi3_28938742_x1.....ucggagacgucgugggCacacggggugc..... 1
 Gi3_28430160_x1.....gccccgccaguCucggauc..... 1
 Gi2_11211479_x1.....cgucagggccUgccagucggaucgg..... 1
 Gl1a_6036646_x1.....gccagucgucggaucggagagcUa..... 1
 Gi2_11027849_x1.....gaucggagacgucguggUaacacggggug..... 1
 Gi3_28834404_x1.....ccaguCucggaucggagacguc..... 1
 Gl1a_6143131_x1.....gugggaacacggggugccgGac..... 1
 Gi5_9118162_x1.....gaucgAagacgucgugggaacacg..... 1
 Gi3_28637153_x1.....gaucggaAacgucgugggaaca..... 1
 Gi2_11259929_x1.....cgaCcgagacgucguggga..... 1
 Gi3_28925425_x1.....aggUcccgccagucggaucggagacguc..... 1
 Gi3_28437187_x1.....ggagGcugcugugggaacacggggugccg..... 1
 Gi3_28577033_x1.....ccccccagucggauc..... 1
 Gl1a_6039493_x1.....gugAgaacacggggugccga..... 1
 Gi3_28682326_x1.....gaagagaagcggcAcagggcc..... 1
 Gi2_11054948_x1.....gaGgagaagcggcagggccccg..... 1
 Gi3_28955075_x1.....aggaagagaagcgcAguc..... 1
 Gi5_9072563_x1.....gagacgucAugggaacacggggugccgaac..... 1
 Gi2_11388550_x1.....aucggagacgucgugggaGcacggggugccg..... 1
 Gi2_11183648_x1.....gugggaacacggggugGcga..... 1
 Gi3_28266570_x1.....Gaggccccccagucggaucggagacguc..... 1
 Gi3_28846082_x1.....cggagacCucgugggaacacggggg..... 1
 Gi3_28889951_x1.....guCggaacacggggugccga..... 1
 Gi2_11040597_x1.....gugggaUcacggggugccga..... 1
 Gi2_11215250_x1.....gagacgucgugggaacacggggUccgaacu..... 1
 Gi3_28603992_x1.....gaagagaagAgccgucagggccccg..... 1
 Gi5_8974473_x1.....ugggaacacggggugccg..... 0
 Gi2_11048718_x1.....cgAcagggccccccagucg..... 1
 Gi2_11050836_x1.....cgucgugggaacacggggUacc..... 1
 Gi3_28493635_x1.....aagcggcagcagggccccgcAguacuc..... 1
 Gi5_9122974_x1.....aucgCagacgucgugggaacacg..... 1
 Gi1_4225312_x1.....Uccagucggaucggagacguc..... 1
 Gi2_11342256_x1.....aucggagacgucUugggaacacggggug..... 1
 Gi3_28500262_x1.....gagacgucguAggaacacggggugccgaac..... 1
 Gi1_4367521_x1.....acgucgugggaacacggggugUc..... 1
 Gi2_11393531_x1.....agacgucgugggaacacggggUaccg..... 1
 Gi5_8930820_x1.....cagucggaucAgagacguc..... 1

Gi3_28669124_x1.....agaGgcgcccugacagccccccagacu..... 1
 Gi3_28611038_x1.....agcAccgucagggccccgcca..... 1
 Gi5_9053840_x1.....guggUaacacggggugccgaa..... 1
 Gi2_11229864_x1.....gaaAcgcccugacagggccccgc..... 1
 Gi1_4384444_x1.....caggccccgcUaguacugc..... 1
 Gi4_604161_x1.....cgucgCgggaacacggggugccga..... 1
 Gi3_28396967_x1.....ucguggaacaUggggugc..... 1
 Gi1_4344800_x1.....gggaCcacggggugccgaacu..... 1
 Gi3_28408678_x1.....cgucgugggaacacgggCugcc..... 1
 Gi2_11334589_x1.....Gcggagacgucgugggaacacggggugccgaac..... 1
 Gi3_28983947_x1.....cgNgggaacacggggugccg..... 1
 Gi2_11152286_x1.....aucggagacgucgugggaacacUg..... 1
 Gi3_28574441_x1.....gucagAccccgccaguacugcg..... 1
 Gi2_11057072_x1.....gagaagUgcccugacagggccccgcca..... 1
 Gi2_11182736_x1.....Naucggagacgucgugggaacacgg..... 1
 Gi2_11251319_x1.....gaucggagacgucgugggaacacgAggu..... 1
 Gi2_11224570_x1.....ccccgccaguacugcgCucgg..... 1
 Gi3_28826841_x1.ccuNaacucguuccgaaau..... 1
 Gi1_4183810_x1.....cguUgugggaacacggggugcc..... 1
 Gi3_28876899_x1.....ccgccagCacugcgauccggagac..... 1
 Gi5_8960690_x1.....aagagaagcgcccugacagccAcgcca..... 1
 Gi3_28769205_x1.....ugcgauccggagacgucgugggaacGcggg..... 1
 Gi5_9020430_x1.....ugUgaucggagacgucguggg..... 1
 Gi5_8919718_x1.....gUcccgccaguacugcgaucc..... 1
 Gi2_11147986_x1.....Auacugcgauccggagacgucgugggaaca..... 1
 G1a_5985725_x1.....aCcgagacgucgugggaacacg..... 1
 G1a_6299819_x1.....gaagagaagcgcccugcGggc..... 1
 Gi3_28915901_x1.....ugggaacacgggAugccg..... 1
 Gi3_28326963_x1.....gaCcgagacgucgugggaac..... 1
 G1a_6246463_x1.....gaucggagacgucgugggaacacAgggu..... 1
 Gi3_28866673_x1.....cgucgugggaacacCggg..... 1
 Gi3_28405688_x1.....aggUcccgccaguacugcgauccgga..... 1
 Gi3_28803049_x1.....gggaacacgUggugccgaa..... 1
 Gi2_11340177_x1.....Ggccgucagggccccgccaaguac..... 1
 Gi5_8870483_x1.....caggccccgccCguacugcgaucc..... 1
 Gi1_4261223_x1.....ugggaacacggCgugccgaacu..... 1
 Gi3_28535019_x1.....gaucggagNcgucgugggaacacggggug..... 1
 Gi3_28554012_x1.....gagaagcgcccugacagggcccU..... 1
 Gi3_28354196_x1.....cgucagggccccgccaaguCucg..... 1
 Gi2_11389550_x1.....gucgugggaacacggggugA..... 1
 Gi2_11334202_x1.....gggaacaGggggugccgaacu..... 1
 Gi3_28640697_x1.....ccccgccaguacugcgauccggagaAgu..... 1
 Gi2_11342639_x1.....gcgauccggagacgucgAgggaacac..... 1
 Gi3_28803950_x1.....ggccccccagGacugcgaucc..... 1
 Gi2_10993919_x1.....aucgAagacgucgugggaacacg..... 1
 Gi2_11299712_x1.....gaagaCaagcgcccugacagggccccgccc..... 1
 Gi3_28277164_x1.....gauUggagacgucgugggaacacggggug..... 1

Gi1a_6304226_x1.....agUccccgccaguacugcgau..... 1
Gi3_28563076_x1.....gaucggagacgucgugggUacacggggugc..... 1
Gi3_28273809_x1.....ccgccaguacugcgauccggagGcgucgu..... 1
Gi3_28451035_x1.....aucggagaGgucgugggaacacgggg..... 1
Gi2_11239146_x1.....agCagcgccgucagggccccccagu..... 1
Gi2_11375522_x1.....aGgucgugggaacacggggugccg..... 1
Gi1_4376020_x1.....cgugggaacacggggugccgaG..... 1
Gi3_28586507_x1.....ucggagacgucguAggaacac..... 1
Gi2_11018557_x1.....ggagacguUgugggaacacggggugccg..... 1
Gi3_28489445_x1.....cgugCgaacacggggugccg..... 1
Gi2_11062238_x1.....cggagacgucgugggaacCcg..... 1
Gi3_28286675_x1.....gaagagaagcgccgucGggccccccagu..... 1
Gi3_28686881_x1.....acgucgugggaacacgggUugccgaacu..... 1
Gi2_11126750_x1.....gcgauccggGgacgucgugggaacac..... 1
Gi3_28488331_x1.....cGgccaguacugcgauccggag..... 1
Gi3_28262856_x1.....aggccccgccaguacCgcgauccggagacg..... 1
Gi1a_6196999_x1.....aggccccgcUaguacugcg..... 1
Gi1a_6324161_x1.....aucggagacgucguAggaacacg..... 1
Gi2_11043744_x1.....aNcggagacgucgugggaacacggggugc..... 1
Gi5_8959416_x1.....cgugggaacacggggCgcc..... 1
Gi2_11008392_x1.....caggccccccaguaAugcgau..... 1
Gi3_28849625_x1.....gccgucaggccccccagA..... 1
Gi1_4377790_x1.....acugcgauccggagacAug..... 1
Gi2_11186429_x1.....aggccccgccaguCucgcgau..... 1
Gi3_28840396_x1.....cUcgccaguacugcgauccgga..... 1
Gi5_8861641_x1.....ucggagacgucgugggaacacggggGgccgaacu..... 1
Gi1a_6210540_x1.....gucaggccAcgccaguacu..... 1
Gi3_28756701_x1.....aagagCagcgccgucagggccccgcc..... 1
Gi3_28667980_x1.....gaagagUagcgccgucagggccccgc..... 1
Gi5_8923156_x1.....ggaacacggggugAcgaac..... 1
Gi3_28801369_x1.....ccccgccaguGcugcgauccggagacgu..... 1
Gi5_8956262_x1.....gccaguacugcgauccggagacgC..... 1
Gi2_11043642_x1.....gagaGgcgcccgucagggccccccaguac..... 1
Gi3_28684913_x1.....ggccccgcUaguacugcga..... 1
Gi3_28276896_x1.....gugggaacacggggUuccgaa..... 1
Gi1a_6089653_x1.....uacugcgGucggagacguc..... 1
Gi2_11008922_x1.....acgucgugggaacacggggugccgaacuuu..... 0
Gi3_28785174_x1.....agaagcgccgucagggAccgccagu..... 1
Gi3_28633666_x1.....ggccccgccaguacugcAaucgg..... 1
Gi5_9062472_x1.....gccUcgccaguacugcgau..... 1
Gi2_11366052_x1.....ccaguacugcgGucggag..... 1
Gi2_11399542_x1.....aggccccAccaguacugcgauccggagac..... 1
Gi1_4268351_x1.....cggagacgucgugggaGcacggg..... 1
Gi2_11178041_x1.....agacgucgugggaacacgggAugc..... 1
Gi1a_6147163_x1.....gucgugggaacaAggggugccgaacu..... 1
Gi3_28728799_x1.....cggagacgucguggAaacacggggug..... 1
Gi3_28885929_x1.....gaagagaagcgccgucUggccccgc..... 1

Gi2_11025496_x1.....ggagacgucUugggaacacggggugcc..... 1
 Gi3_28976737_x1.....gaucggagacgucguCggaacacgg..... 1
 Gi2_11211200_x1.....cccgccaguacugcgauccggagacgCcg..... 1
 Gl1a_6276785_x1.....Cuacugcgauccggagacguc..... 1
 Gi3_28763748_x1.....ggagacgucgugggaacacggggCgcccga..... 1
 Gi2_11167559_x1.....cgucgugggaacacgAggugcc..... 1
 Gi5_8881241_x1.....agacgucgCgggaacacggggugccgaac..... 1
 Gi2_11148973_x1.....cgccgucaggccccgccaAuac..... 1
 Gi2_11085749_x1.....caggccccgccaaguacuAcgau..... 1
 Gi1_4251096_x1.....ugggaacacggggugccgaCc..... 1
 Gi2_11359781_x1.....cCucaggccccgccaaguacug..... 1
 Gi1_4176704_x1.....cgucgugggaacaUggggugccgaacu..... 1
 Gi1_4371076_x1.....uUggagacgucgugggaacacg..... 1
 Gl1a_6181667_x1.....acugcgauccggagacgucguC..... 1
 Gi1_4363573_x1.....ggaacacggggugccgaC..... 1
 Gi5_8998997_x1.....aucggagacgucgugggaacacAg..... 1
 Gi3_28770403_x1.....aacaGggggugccgaacuu..... 1
 Gi2_11000713_x1.....agacgucgugggaacacggggAgcccga..... 1
 Gi1_4306980_x1.....gacgucguAggaacacggggugccgaacu..... 1
 Gi3_28699448_x1.....caguacuAcgauccggagacgu..... 1
 Gi3_28344309_x1.....cgUcaguacugcgauccgg..... 1
 Gi3_28877549_x1.....cguAgugggaacacggggugcccga..... 1
 Gi3_28533587_x1.....gagaagcgcAgucagccccgc..... 1
 Gi3_28305872_x1.....aucggaAacgucguggga..... 1
 Gi1_4257816_x1.....gaucggCgacgucgugggaacac..... 1
 Gl1a_6051906_x1.....aucggagacgucgugggaCcacggggug..... 1
 Gi1_4262054_x1.....aucggagacgucgugggaacacggggugccg..... 0
 Gi2_11234040_x1.....aauuaggaNgagaagcggcug..... 1
 Gi3_28496944_x1.....ucgugggaacacggggU..... 1
 Gi1_4305731_x1.....ucNugggaacacggggugccgaacu..... 1
 Gi2_11346533_x1.....uGcugcgauccggagacguc..... 1
 Gi2_11339040_x1.....aucggagacgucgugggaacacggggUaccga..... 1
 Gi3_28570625_x1.....cgugggaacacggggugcAga..... 1
 Gi3_28642153_x1.....gcgauccggagacgucgugggaacG..... 1
 Gi2_11042809_x1.....gaucggagacgCcgugggaaca..... 1
 Gi3_28554378_x1.....caggccccgccaaguacugUgauccg..... 1
 Gi3_28562618_x1.....cggagacgucgugggaacacggggugccgU..... 1
 Gi3_28987088_x1.....aucggagaGgucgugggaacacggggU..... 1
 Gi3_28834742_x1.....agcccUcggcaguacugcgauccggagac..... 1
 Gl1a_6205771_x1.....gaagagaaAacggcugcag..... 1
 Gi3_28825958_x1.....ucggagacgucguggAaacacggggugcc..... 1
 Gi1_4171662_x1.....gugggaaAacggggugccgaacuu..... 1
 Gi2_11388356_x1.....aucggagaGgucgugggaacac..... 1
 Gi3_28700986_x1.....gaucggagacgucgugggaUcacggggU..... 1
 Gi5_9096254_x1.....gggaacacggggUcccgaacu..... 1
 Gi5_9048542_x1.....aucggagacgucguggCaacacggggugcc..... 1
 Gl1a_6287046_x1.....aucggagaUgucgugggaacacgg..... 1

Gi3_28616736_x1.....ggagacgucgugggaacacAggg..... 1
 Gi3_28710505_x1.....uGggagacgucgugggaacacgg..... 1
 Gi1_4329871_x1.....ggagacgucgugggaacac..... 0
 Gi2_11306606_x1.ccuuaacucguuccgaaauaAga..... 1
 Gi5_9067242_x1.....gggaaGacggggugccgaacu..... 1
 Gi3_28362151_x1.....aguacugcgUucggagacgucg..... 1
 Gi2_11243115_x1.....ccaguacugcgauccggagacgucgu..... 0
 Gi3_28776448_x1.....gugggaacacggggugccGacuu..... 1
 Gi3_28650794_x1.....gggaaGacggggugccgaac..... 1
 Gi1_4303371_x1.....gugggaacacggCgugccgaac..... 1
 Gi3_28886431_x1.....agacgucgugggaacacggggugccAa..... 1
 Gi3_28389722_x1.....cgauccggagacgAcgugggaacacggggg..... 1
 Gi3_28309078_x1.....guUcugcgauccggagacguc..... 1
 Gi1_4198759_x1.....gccgucagUccccgccaguacu..... 1
 Gi4_600211_x1.....ucgugggaacacggggugccGacu..... 1
 Gi2_11003597_x1.....aucggagacgucgGgggaaca..... 1
 Gi2_11150213_x1.....cgucgugggaacaAggggugccga..... 1
 Gi3_28689487_x1.....Cacacggggugccgaacuu..... 1
 Gi2_11073667_x1.....gagacgucgugggCacacggggug..... 1
 Gi5_9057239_x1.....gucgugAgaacacggggugccgaa..... 1
 Gi3_28302147_x1.....ccccgccagCacugcgauccggagacguc..... 1
 Gi3_28841037_x1.....gucaggccccgccaguacuAcgauccgga..... 1
 Gi5_8980379_x1.....gggaUcacggggugccgaac..... 1
 Gi3_28543623_x1.....Uggagacgucgugggaacacg..... 1
 G1a_6140720_x1.....aauuaggaagagaaUcgccguc..... 1
 Gi5_8890523_x1.....cgccUguacugcgauccggagacguc..... 1
 Gi3_28729254_x1.....cgauccggagacgucgugggaacCcgggg..... 1
 Gi3_28389749_x1.....acugcgGucggagacgucgu..... 1
 Gi3_28893300_x1.....ucgugggaacacCgggugccgaac..... 1
 Gi2_11050307_x1.....cgAagacgucgugggaacacg..... 1
 G1a_6259359_x1.....gUgccgucaggccccgccaguacugc..... 1
 Gi2_11079729_x1.....aucggagCcgucguggga..... 1
 Gi3_28609191_x1.....cgauccggagacgucgugggGacacggggug..... 1
 Gi2_11325508_x1.....gccaguacNgcgauccggagacgucgug..... 1
 Gi1_4287470_x1.....gaucggagacgucgugggaacGacgg..... 1
 G1a_6024032_x1.....caguacuAcgauccggagacguc..... 1
 Gi2_11097560_x1.....gugggaaGacggggugccgaa..... 1
 Gi3_28932277_x1.....Gugcgauccggagacgucgugggaacacggggugcc..... 1
 Gi2_11303235_x1.....agaagcgccgucagggccccgccagG..... 1
 Gi2_11387530_x1.....gagaagcgccgucagggAcccgc..... 1
 Gi1_4194787_x1.....ccccgccaguaUugcgaucc..... 1
 Gi1_4161912_x1.....agacUucgugggaacacggggugccgaacu..... 1
 Gi2_11379845_x1.....Cagagaagcgccgucagggccc..... 1
 Gi5_8973581_x1.....aagagaagcgUgucagggccccgc..... 1
 Gi2_11294737_x1.....aucggagacgucgugggaacacggAgug..... 1
 Gi1_4316270_x1.....gugggaacacggCgugcc..... 1
 Gi2_11385480_x1.....aucggUgacgucgugggaaca..... 1

Gi5_9038076_x1.....gacgucgugggaaacaAggggugccgaacu..... 1
Gi2_11184741_x1.....gucgugggaaacacggggugccgC..... 1
Gi2_11374972_x1.....caguacugcgauCGAgacgucgug..... 1
Gi3_28389627_x1.....gagaagcgccgucaggccccAc..... 1
Gi5_9033191_x1.....ucggagacgucgugggaaacacggggugccga..... 0
Gi3_28576144_x1.....gccgucaggccAcgccaguac..... 1
Gi2_11209429_x1.....gucgugggaaacacUgggugccgaac..... 1
Gi4_608255_x1.....cgccaguacugcgCucggagacgucgug..... 1
Gi2_11345614_x1.....gccAcgccaguacugcga..... 1
Gi2_11381013_x1.....acugcgauCGgagacgucAugggaaca..... 1
Gi1_4361455_x1.....UccccgccaguacugcgauCGgagacg..... 1
Gi3_28269658_x1.....Cgaagcgccgucaggccccgcc..... 1
Gi5_9041173_x1.....agacgucgugggaaacacCgggugccgaacu..... 1
Gi3_28838063_x1.....uUcgauCGgagacgucgugggaaacacgggg..... 1
Gi3_28667815_x1.....cgccaguacugcgCucggagacgu..... 1
Gi3_28374121_x1.....gauCGgagacgucgugggUacacgg..... 1
Gi1_4237412_x1.....cagAccccgccaguacugcg..... 1
Gi5_8970944_x1.....aucggagacgucgugggaaacacggA..... 1
Gi2_11235006_x1.....ccccCccaguacugcgauCGgagac..... 1
Gi3_28395586_x1.....agaagcgccgucaggAcccgccaguacug..... 1
Gi1_4260454_x1.....Ugucgugggaaacacggggugccg..... 1
Gi3_28343950_x1.....UcgucaggccccgccaguacugcgauCGga..... 1
Gi3_28275871_x1.....cggNgacgucgugggaaacacgggg..... 1
Gi2_11366313_x1.....acgucgugggaaacacggggUccgaacu..... 1
Gi5_9015749_x1.....aggccccgccaguacugcCa..... 1
Gi1_4365653_x1.....ggGgacgucgugggaaacacg..... 1
Gi2_11085941_x1.....cgccaguacugcAaucggagacgu..... 1
Gi3_28976023_x1.....agagaagcgccguUaggccccgc..... 1
Gi1_4193175_x1.....aguacugcgauCGgagCcgucgug..... 1
Gi2_11246022_x1.....cgccaguGcugcgauCGgagac..... 1
Gi3_28357068_x1.....ucgugggaaacacggggAgccg..... 1
Gi1_4164106_x1.....acgucgugGaaacacggggugcc..... 1
Gi3_28967133_x1.....aguacugcgauCGgCgacgucgug..... 1
Gi1_4268525_x1.....gcgauCGgagGcgucgugggaaaca..... 1
Gi2_11135749_x1.....gggagacgucgugggaaAacggggugcc..... 1
Gi5_9133234_x1.....gugggaaacacggggugccgC..... 1
G1a_6074248_x1.....gUucggagacgucgugggaa..... 1
Gi3_28305194_x1.....cGgucaggccccgccaguac..... 1
Gi3_28378003_x1.....gagacgucgugggaaGcac..... 1
Gi3_28288612_x1.....gucgugGaaacacggggugcc..... 1
Gi1_4382776_x1.....agagaagcgccgucaggccccgccagua..... 0
Gi1_4260539_x1.....cgucaggccccgccaguaAugc..... 1
G1a_6178742_x1.....aaauGggaagagaagcgccguc..... 1
Gi2_11359568_x1.....Aaucggagacgucgugggaaacacggggug..... 1
Gi1_4192132_x1.....gagacGAcgugggaaacacggggugcc..... 1
Gi1_4352685_x1.....gcUgucaggccccgccaguac..... 1
G1a_6223827_x1.....aagagaagcgccgucagAcccc..... 1

Gi2_11362783_x1.....gaagagaagAgccgucagggccccg..... 1
 Gi1_4182935_x1.....gaucggagacgucgugggaaacCc..... 1
 Gi5_9001834_x1.....acgucgugggaGcacggggugcc..... 1
 Gi3_28696848_x1.....aGgagaagcgccgucagggccccgcccaguu..... 1
 G1a_6045368_x1.....gucgugggaacacggggugccgCacu..... 1
 Gi5_8972701_x1.....gcgcccgucagggccccgcccaguuAug..... 1
 G1a_6312372_x1.....aauuaggaagGgaagcgccguc..... 1
 Gi2_11045193_x1.....acgucgugggaaUacggggugccgaacu..... 1
 Gi3_28976836_x1.....gugggaacacggggugccgaGcuu..... 1
 Gi2_11212702_x1.....cggagacgucgugggaacacggAgugcc..... 1
 Gi3_28609414_x1.....cccgccaguacugcAaucggaga..... 1
 Gi3_28427310_x1.....uuaggaagagaagcgccguc..... 0
 Gi2_11353211_x1.....gauUggagacgucgugggaacac..... 1
 Gi1_4387968_x1.....gagacgucgGgggaacacggggugccgaacu..... 1
 Gi3_28604531_x1.....agacgucguUggaacacggggugccgaa..... 1
 Gi3_28478675_x1.....gugggaacacggAgugccgaacuu..... 1
 Gi3_28767428_x1.....aGugcgauccggagacgucgug..... 1
 Gi1_4373095_x1.....ugUgaacacggggugccga..... 1
 Gi3_28805357_x1.....ucagggccccgcccaguuacugUga..... 1
 Gi5_9062796_x1.....gccccgccaguuacAcgaucgga..... 1
 Gi2_11397907_x1.....ggccccgcccaguuacugcgG..... 1
 Gi3_28352054_x1.....gaucggagacgucgugggUacacgggg..... 1
 Gi2_11270476_x1.....aacacgCggugccgaacu..... 1
 Gi2_11106234_x1.....Ugcgcccgucagggccccgcccaguu..... 1
 Gi3_28588520_x1.....aaUagaagcgccgucaggg..... 1
 G1a_6052384_x1.....cgugggaacacggggugUc..... 1
 Gi2_10997963_x1.....ucggagacgucgugggaacacggggCgc..... 1
 Gi2_11273514_x1.....gagacgucgugggaGcacggggugccg..... 1
 Gi2_11024177_x1.....Ggacgucgugggaacacggggugccga..... 1
 Gi2_11159686_x1.....cccgccaguGcugcgaucgg..... 1
 Gi2_11281009_x1.....gCacugcgauccggagacgu..... 1
 Gi3_28279419_x1.....gaucggagGcgucguggg..... 1
 Gi1_4213328_x1.....ucggagacgucgugggaaAacg..... 1
 Gi1_4296669_x1.....cgugggaacacggggUccgaacu..... 1
 Gi2_11298760_x1.....gaagagaGcgcccgucagggccc..... 1
 Gi5_9131469_x1.....gGgaagcgcccgucagggccccgcccaguu..... 1
 Gi3_28986285_x1.....cggagacgucgGgggaacacggggugcc..... 1
 Gi5_9060853_x1.....aucggagacgCcgugggaaca..... 1
 Gi3_28659079_x1.....cUgccaguuacugcgaucgg..... 1
 Gi5_8939704_x1.....gucgugggaacacggggugccgGac..... 1
 Gi2_11113973_x1.....cgccaguuacugcgaucGagac..... 1
 Gi2_11136679_x1.....aagcggcggcGggccccgcccaguu..... 1
 Gi2_11358612_x1.....gaagagaGcgcccgucagggccccgccc..... 1
 Gi3_28525933_x1.....agagaagcgcccgucagggccccUc..... 1
 Gi1_4355633_x1.....ggUcccggcccaguuacugcgauc..... 1
 Gi2_11148076_x1.....ccccgccaguuacugAgau..... 1
 Gi4_584307_x1.....cgucgugggaacaAgggggugccgaacu..... 1

G1a_6080006_x1.....aguUcugcgauccgagacgucgug..... 1
 G1a_6030332_x1.....cUguacugcgauccgagacgu..... 1
 Gi1_4200821_x1.....gaagcgccgucagggcccgccagua..... 0
 Gi3_28660411_x1.....gccagucugcgauccggaAacgu..... 1
 Gi2_11223932_x1.....gaagcgGgucagggccc..... 1
 G1a_6312724_x1.....cgucagggcccgccagucC..... 1
 Gi5_9066741_x1.....cgucagggcccgAcagucugcg..... 1
 Gi3_28474433_x1.....agagaagcgccgucagggcUcg..... 1
 G1a_6162733_x1.....Cggaacacggggugccgaac..... 1
 Gi2_11159723_x1.....ggagacgucgugggGacacggggugc..... 1
 Gi3_28476339_x1.....gaucggagacgucgugggaaAacggggugc..... 1
 Gi3_28511681_x1.....gucgugggaaacacgAggugccga..... 1
 Gi1_4291281_x1.....Gcccgcagucugcgauccgaga..... 1
 Gi3_28950129_x1.....cAccgucagggcccgccagucg..... 1
 Gi2_11177965_x1.....ccagucugcgauccgagacgucgAgggaaac..... 1
 Gi3_28460031_x1.....cgucgugggaaacCggggug..... 1
 Gi2_11227967_x1.....gucgugUgaacacggggugc..... 1
 Gi3_28520503_x1.....agaagcgccgucagggcA..... 1
 Gi1_4198358_x1.....agacgucguggAaacacggggugccg..... 1
 Gi2_11031199_x1.....aggccccgUcagucugcg..... 1
 Gi5_8840468_x1.....gucgugggaaacacUgggugccgaacu..... 1
 Gi3_28663158_x1.....gauAggagacgucgugggaaacag..... 1
 Gi3_28340185_x1.....aggccccgAaguacugcg..... 1
 Gi1_4290416_x1.....acgucgugggGacacggggugccg..... 1
 Gi3_28510042_x1.....aagcgccgucagggcccgUaguacugc..... 1
 G1a_6096775_x1.....cagucugcgauGggagacguc..... 1
 Gi1_4266689_x1.....gucgugggNacacggggugccgaac..... 1
 Gi3_28539747_x1.....cagCccccgccagucugcg..... 1
 Gi5_9010226_x1.....cAucgugggaaacacggggugccgaac..... 1
 Gi3_28421519_x1.....ugggaaGacggggugccga..... 1
 Gi4_571953_x1.....cccgccagucugcgauccgagacgGc..... 1
 G1a_6007303_x1.....gagaagcAccgucagggcccgcca..... 1
 Gi2_11245932_x1.....gagacgucgCgggaacacggg..... 1
 Gi2_11044939_x1.....cgucgugggCacacggggugccg..... 1
 Gi2_11236719_x1.....cccgccagucugUgauccgag..... 1
 Gi5_8916227_x1.....aggcccGgccagucugcgauccgagacguc..... 1
 Gi2_11279987_x1.....agGcgucgugggaaacacggggugccgaa..... 1
 G1a_6198109_x1.....aucGgagacgucgugggaaacacggg..... 1
 Gi5_8855654_x1.....cgucgugggaaacUcggggugccga..... 1
 Gi3_28596529_x1.....Gucguuccgaauuaggaaga..... 1
 G1a_6359298_x1.....agaagcgccgucagAccccgc..... 1
 Gi3_28439722_x1.....gaucggagacguUgugggaaacacggggugcc..... 1
 Gi2_11101598_x1.....gucgugggNacacggggugccgaa..... 1
 Gi2_11089620_x1.....ugggaaacacggggUAccg..... 1
 Gi1_4292348_x1.....ccUccagucugcgauccgaga..... 1
 Gi3_28484148_x1.....ccagucugcgauccgagagUgucgu..... 1
 Gi2_11401389_x1.....gacgucgugggaaAacggg..... 1

Gi1_4258126_x1.....uGagggccccgccaguacugcgauC..... 1
 Gi2_11099695_x1.....aagagGagcgccgucaggccccgccag..... 1
 Gi3_28769931_x1.....ucaggccUcgccaguacugcgauC..... 1
 Gi2_11270234_x1.....CucggagacgucgugggaacacgggggU..... 1
 Gi2_11301926_x1.....aagaUaagcgccgucaggcc..... 1
 Gi1_4275175_x1.....gaagagaagcgccgucaggcccU..... 1
 Gi3_28743182_x1.....UaggccccgccaguacugcgauCggagac..... 1
 Gi2_11244514_x1.....ccccAccaguacugcgauCgg..... 1
 Gi5_9073428_x1.....gccaguacugcgauCggGgacguc..... 1
 Gi1_4335724_x1.....gUcgucgugggaacacggggugccgaacu..... 1
 Gi3_28579777_x1.....NaggccccgccaguacugcgauCgg..... 1
 Gi5_9107454_x1.....aucggagacgucguCggaaca..... 1
 Gi2_11016809_x1.....cgccgucaggccccgccAuacu..... 1
 Gi3_28305703_x1.....gaagcgccgucaggccccgccaguacugU..... 1
 Gi2_11094316_x1.....gaagcgccgucaggccccgccaguacugcg..... 0
 Gi4_609275_x1.....ccccccaguacugcgauCggagaAguc..... 1
 Gi3_28717582_x1.....ccgccaguacugcgauCggGg..... 1
 Gl1_6319343_x1.....gcgaAcggagacgucgug..... 1
 Gi2_11258111_x1.....gauCggCgacgucgugggaaca..... 1
 Gi3_28284230_x1.....agacgucgugggaacacggggugAcgaac..... 1
 Gi5_8949160_x1.....gucgCgggaacacggggugc..... 1
 Gi2_11112844_x1.....cgucaggccccgccCguacugcg..... 1
 Gi3_28637833_x1.....ccgccaguacAgcgauCggagac..... 1
 Gi2_11303929_x1.....cggaUacgucgugggaacacg..... 1
 Gi3_28500268_x1.....cgugggaacacgAggugccgaa..... 1
 Gi3_28659649_x1.....gugggaacacggggugccgaacuG..... 1
 Gi2_11032685_x1.....ccgCcaaggccccgccaguacugc..... 1
 Gi2_11383406_x1.....caguacugcgauUggagacgucgu..... 1
 Gi2_11219399_x1.....ccccccaguacugcgauCggUgacguc..... 1
 Gi3_28537401_x1.....aUuacugcgauCggagacgucgugggaacacg..... 1
 Gi4_603790_x1.....ucgugggaCcacggggugccgaacu..... 1
 Gi4_608436_x1.....aggccccgccAuacugcgauC..... 1
 Gi3_28334222_x1.....UcgccaguacugcgauCggagacguc..... 1
 Gi1_4304226_x1.....caggcccUgccaguacugc..... 1
 Gi3_28391746_x1.....caggcccUgccaguacugcgauCgg..... 1
 Gi2_11183980_x1.....ugggaacacggggugccAaacuu..... 1
 Gi3_28270362_x1.....Ngggaacacggggugccga..... 1
 Gi2_11110898_x1.....gccAcgccaguacugcgauC..... 1
 Gl1_6134904_x1.....aagagaagcAccgucaggccc..... 1
 Gl1_6128669_x1.....aucggagacgucgugggaacaUggg..... 1
 Gi2_11222495_x1.....cUgagacgucgugggaacacggggugccgaa..... 1
 Gi2_11158578_x1.....gauNggagacgucguggga..... 1
 Gi2_11169419_x1.....cCaucggagacgucguggga..... 1
 Gl1_6306591_x1.....agaagcgccgucaAgccccgc..... 1
 Gi3_28597321_x1.....Ugacgucgugggaacacggg..... 1
 Gi5_8833510_x1.....aguacugcgauAggagacguc..... 1
 Gi3_28785958_x1.....ucggagacgucgugggaacacA..... 1

Gi2_11284158_x1	.....gaagagaagcgccgcucagggc.....	0
Gi2_11067240_x1	.....guggUaacacggggugccgaacu.....	1
Gi5_8834860_x1	.....ugcgaucgNagacgucguggg.....	1
Gi3_28673876_x1	.....Cucgugggaacacggggg.....	1
Gi3_28685508_x1	.....gugggaUcacggggugccg.....	1
Gi3_28763837_x1	.....cccgccGguacugcgauccggaga.....	1
Gl1a_6354246_x1	.....Ccgagacgucgugggaacacggggg.....	1
Gi2_11400923_x1	.....caggccccgccagCacugcg.....	1
Gi2_11186867_x1	.....gaucggagacgucgugggaacacggggugccgaa.....	0
Gi3_28923494_x1	.....acugcgGucggagacguc.....	1
Gi1_4298364_x1	.....cgaucggagacgucgugggaacacggg.....	0
Gi1_4195261_x1	.....ggaNcacggggugccgaacu.....	1
Gi4_603024_x1	.....Augggaacacggggugccgaa.....	1
Gi3_28863208_x1	.....gaNcugcugggaacacggggugccgaacu.....	1
Gi3_28762103_x1	.....gaucggagacgucgugggaacacgAggu.....	1
Gl1a_6286988_x1	.....aggNccccccagucugcg.....	1
Gl1a_6326137_x1	.....gaucggagacgucguggGacacggg.....	1
Gl1a_6054648_x1	.....gaacacggggugUcgaacu.....	1
Gi2_11179363_x1	.....aggccccccaguaUugcg.....	1
Gi3_28665898_x1	.....aucggagacgucguggCaacac.....	1
Gi5_8989410_x1	.....ccgccaguacCgcgauccggagacgucg.....	1
Gl1a_6287478_x1	.....acgucgugggaacacggggugccgaacA.....	1
Gi3_28530083_x1	.....gcgaucggNgacgucgugggaacacgggggug.....	1
Gi2_11214646_x1	.....aggccccccagucugcgaCcgga.....	1
Gi3_28742442_x1	.....cgaucggagacgucgugA.....	1
Gl1a_6163377_x1	.....gugggaaAacggggugccgaac.....	1
Gi3_28822262_x1	.....acgucgugggaaAacggggugcc.....	1
Gi2_11283553_x1	.....ggagacgucAugggaacacggggg.....	1
Gi1_4293418_x1	.....gaagcgccgucaggccccccagucugcU.....	1
Gi2_11322121_x1	.....gacgucgugggaacacgggggU.....	1
Gi2_11140562_x1	.....agaagcgccgAcaggccccccagua.....	1
Gi3_28425042_x1	.....agaagcgccgucaAgccccccaguc.....	1
Gi2_11102161_x1	.....ucaggcGccgccagucugcgauc.....	1
Gi4_610214_x1	.....ucguggGacacggggugccgaacu.....	1
Gi4_571901_x1	.....ugcgaucggagacgucgugggaacac.....	0
Gi3_28957693_x1	.....guacugcgauccggagacgC.....	1
Gi3_28560488_x1	.....ggagCcgucgugggaacacggg.....	1
Gi5_8838874_x1	.....cgugggaacacgggUugccga.....	1
Gl1a_6123994_x1	.....gccaguacugcgauccggagGcgucgug.....	1
Gi1_4340069_x1	.....caAgccccccagucugcgauc.....	1
Gi5_8867061_x1	.....cgucgucGgaacacggggugccgaacu.....	1
Gi5_8845074_x1	.....gaacacggggugcUgaac.....	1
Gi2_11233787_x1	.....gaagcAccgucagggccc.....	1
Gi3_28902587_x1	.....aGcggagacgucgugggaacacggggugccgaa.....	1
Gi2_11108264_x1	.....gaucggGgacgucgugggaacacgggggugcc.....	1
Gi2_11329852_x1	.....acgucgugggaacacggggGgccg.....	1
Gl1a_6159069_x1	.....gugggaacacgggUugccgaacu.....	1

G1a_6194359_x1.....cgucgugggaaacacgggGgccgaac..... 1
 Gi5_8944145_x1.....cggagacgucgugggaaacacgggGgcc..... 1
 Gi3_28753461_x1.....gucgugggaaUacggggugc..... 1
 Gi2_11042122_x1.....aggccccgccaguacugcggaucggagG..... 1
 Gi2_11280939_x1.....gacgGcugggaaacacggggugcc..... 1
 Gi1_4159410_x1.....CggccccgccaguacugcgauC..... 1
 Gi2_11101942_x1.....ggaAacgucgugggaaacacggggu..... 1
 Gi1_4177961_x1.....guggaaUacggggugccga..... 1
 Gi3_28689676_x1.....gagaagcgccgucaAgccccgccaguacug..... 1
 G1a_6112212_x1.....Ugucaggccccgccaguac..... 1
 Gi3_28884649_x1.....aacacggggAgccgaacuu..... 1
 Gi3_28446645_x1.....cgucgugCgaacacggggugcc..... 1
 Gi2_10993217_x1.....auNggagacgucgugggaaaca..... 1
 Gi2_11211176_x1.....aucggagacguAgugggaaac..... 1
 Gi2_11219497_x1.....guacugcgauCggagacgucgugggCaca..... 1
 Gi1_4208748_x1.....guggUaacacggggugccg..... 1
 Gi1_4294151_x1.....acgucgugggaaacacggggugccgaUcu..... 1
 Gi3_28362455_x1.....cgucaggccccgccaguacugUg..... 1
 Gi3_28398226_x1.....gacgucgAgggaaacacggggugccgaac..... 1
 Gi5_8968609_x1.....gaacacggggugccgCac..... 1
 Gi5_8853643_x1.....gucgugggaaAacggggugccgaac..... 1
 Gi2_11106027_x1.....agacgucgugggaaacacg..... 0
 Gi5_8857466_x1.....aucggagacgucgugggGcacggggug..... 1
 Gi3_28373675_x1.....gucaggccccgccaguCugcgauC..... 1
 G1a_6345358_x1.....cccgccaguacugcgCcgagacgucg..... 1
 Gi3_28507297_x1.....ggagacgucgugggaaacacggggugcAg..... 1
 Gi3_28873857_x1.....aagagaagcgccgucagggcccUgccag..... 1
 Gi1_4195568_x1.....caggccccgccaguacugcgauCgg..... 0
 Gi2_11340793_x1.....ugcgauCggagUcugcugggaaacacg..... 1
 Gi1_4203667_x1.....aucggagacgucgugggGcacgggg..... 1
 Gi3_28673630_x1.....caggccccgccaguCugcgga..... 1
 Gi2_11189015_x1.....ccccgccaguacugcgauCggagC..... 1
 Gi2_11305615_x1.....acgucgugggGacacggggu..... 1
 Gi3_28326114_x1.....ccgccaguacugcgauCgggagaAgucgug..... 1
 Gi3_28800306_x1.....agaagcgCNgucagggccccgccaguacug..... 1
 Gi1_4302220_x1.....cggaAacgucgugggaaacacggggugcc..... 1
 Gi2_11231794_x1.....cgucaggcccUgccaguacug..... 1
 Gi5_8918286_x1.....caggccccgccaguacuA..... 1
 Gi3_28669556_x1.....gccaguacugcgauCggagacgGc..... 1
 Gi2_11161611_x1.....ccAcgccaguacugcgauCgggaga..... 1
 Gi2_11205497_x1.....cgccaguacugcgGucggagacgu..... 1
 Gi1_4222238_x1.....gGagagaagcgccgucagggccccccagu..... 1
 Gi3_28939733_x1.....agGgaagcgccgucagggccccgc..... 1
 G1a_6203867_x1.....aucggagacgucgugggaaacacCg..... 1
 Gi3_28644215_x1.....ccccgccaguacugcgauUggagacg..... 1
 Gi3_28861937_x1.....cUucagggccccgccaguacugcgauCggagacg..... 1
 Gi2_11201649_x1.....caggccccgccaguacugcgauCaga..... 1

Gi1a_6113405_x1.....aucggagUcugcugugga..... 1
 Gi3_28549568_x1.....uacugcgauAggagacguc..... 1
 Gi5_8895373_x1.....caguaAugcgaucggagacguc..... 1
 Gi1_4200769_x1.....ggaacacgCggugccgaacu..... 1
 Gi3_28400757_x1.....ucgNgggaacacggggugccgaa..... 1
 Gi3_28826768_x1.....aguacugcgauCggagCcgucgu..... 1
 Gi2_11077513_x1.....UcccgccaguacugcgauCgga..... 1
 Gi2_11170395_x1.....cgccaguacugcgCucggagac..... 1
 Gi5_9136662_x1.....guggaacacggggugccCaac..... 1
 Gi1_4385542_x1.....uggaacacggggugGcgaacu..... 1
 Gi2_11112698_x1.....guacugcgNucggagacgucg..... 1
 Gi3_28913129_x1.....gugggaUcacggggugccgaa..... 1
 Gi2_11208938_x1.....aggccccgccagGacugcgauCggagac..... 1
 Gi1a_6326921_x1.....acugcgauCggagacgucAug..... 1
 Gi2_11232537_x1.....Ggaucggagacgucgugggaacacggg..... 1
 Gi1_4370350_x1.....cggagacgucgugggaacacg..... 0
 Gi3_28937716_x1.....aacucguuccgaauuaggaagagaagcgccg..... 0
 Gi2_11336103_x1.....cguCggaacacggggugc..... 1
 Gi2_11233367_x1.....cggagacgucgugggaaAacggggugcc..... 1
 Gi1_4227534_x1.....acgucgugggaacacggggugccAa..... 1
 Gi2_11183550_x1.....gccaguGcugcgauCggagacg..... 1
 Gi3_28684709_x1.....agCacugcgauCggagacgucgug..... 1
 Gi3_28525312_x1.....agagaagcgccgucagggccccgA..... 1
 Gi2_11045861_x1.....gagacgucgugggaacacgAggugc..... 1
 Gi1a_6129617_x1.....gccaguacugcgauCggagacgucA..... 1
 Gi2_11251930_x1.....cgauCggagacgucgugggaacacgg..... 0
 Gi1a_6263988_x1.....Agugggaacacggggugc..... 1
 Gi1a_6262521_x1.....cgucagggccccgccaguacuAcg..... 1
 Gi1_4327534_x1.....cgauCggagacgucgugU..... 1
 Gi2_11168924_x1.....aucggagacgucgugUgaaca..... 1
 Gi2_11132452_x1.....gagacgucgugggaacaUggggugccgaacu..... 1
 Gi3_28934296_x1.....agacgucguggCaacacggggugcc..... 1
 Gi1_4260727_x1.....acgucgugggaacacggggugccA..... 1
 Gi3_28893585_x1.....ccgucagggccccgccaguacugcgauUgga..... 1
 Gi3_28651755_x1.....agaGgcgccgucagggccccgcc..... 1
 Gi3_28889158_x1.....gccccgccaguacGgcgau..... 1
 Gi1a_6330585_x1.....gacgucgugggaacacggggugccgaGcu..... 1
 Gi1a_6231668_x1.....cagggcccAgccaguacugc..... 1
 Gi3_28695221_x1.....gcGccgccaguacugcgauC..... 1
 Gi2_11227458_x1.....gggaacacggggguAccgaa..... 1
 Gi3_28499134_x1.....uggaacacggggguUccgaa..... 1
 Gi5_9103817_x1.....gagacgucguCggaacacggggugccgaacu..... 1
 Gi2_11072371_x1.....agacgucgAgggaacacggggugc..... 1
 Gi2_11124407_x1.....cgauCggagacgucgCgggaacac..... 1
 Gi3_28877140_x1.....gaagagaagcgCgGucagg..... 1
 Gi3_28779843_x1.....aagagaagcgccguUaggccccgccag..... 1
 Gi3_28322885_x1.....aagcgccgucagggccccgccaguacuAc..... 1

Gi1a_6301518_x1.....aucggagacgucgugggGacacgg.....1
 Gi1_4210007_x1.....gacgucgugggaaacacgCggugccgaacu.....1
 Gi1_4225664_x1.....gcggaucggNgacgucgugggaaaca.....1
 Gi5_8954413_x1.....aAacgucgugggaaacacggggugccgaacu.....1
 Gi3_28623340_x1.....gaucggGgacgucgugggaaacacggggugc.....1
 Gi5_8851030_x1.....acgucgugNgaacacggggugccg.....1
 Gi2_11094568_x1.....ggGacacggggugccgaa.....1
 Gi1_4205019_x1.....agacgucgNgggaacacggggugcc.....1
 Gi3_28769351_x1.....cccgccaguaUugcgauccggagac.....1
 Gi1_4229005_x1.....aUgccccgccaguacugcgau.....1
 Gi3_28536163_x1.....gaagcgccgucagggccccgccGgua.....1
 Gi3_28726768_x1.....aggccccUccaguacugcg.....1
 Gi2_11363373_x1.....ugggaacacggggugccgaacuuu.....0
 Gi2_11222943_x1.....cccgccaguaucgucgucgCgacgucgug.....1
 Gi1a_6128192_x1.....gccaguaucgucgucgUgacguc.....1
 Gi5_8920619_x1.....gagacgucgugggaaacacggggugccgUacu.....1
 Gi2_11270370_x1.....cccgccaguaucgucgUucggagacg.....1
 Gi2_11375234_x1.....aagaUaagcgccgucagggccccccagu.....1
 Gi1a_6199135_x1.....ucguggAaacacggggugccgaacu.....1
 Gi3_28391633_x1.....cgucaggUcccgccaguaucg.....1
 Gi3_28590680_x1.....cggagacgucgugggaaacacAg.....1
 Gi3_28750184_x1.....caguacugcgauccggagacg.....0
 Gi2_11082236_x1.ccuuaacucgCuccgaau.....1
 Gi1_4168268_x1.....cgGgggaacacggggugccgaacuu.....1
 Gi5_9135756_x1.....agagaagcNccgucagggccccccagu.....1
 Gi2_11083417_x1.....ccGguacugcgauccggag.....1
 Gi3_28550786_x1.....gacgGcgugggaaacacggg.....1
 Gi1_4308706_x1.....gaacacggggugcUgaacuu.....1
 Gi2_11152785_x1.....cgugggaaacaUggggugcc.....1
 Gi2_11301538_x1.....ggaacacgggCugccgaa.....1
 Gi2_11013078_x1.....aagcgccgucagggcccAgccaguaucg.....1
 Gi5_8895035_x1.....ggaacacggCgugccgaacu.....1
 Gi2_11095628_x1.....gaucggagacgucguggAaaca.....1
 Gi3_28880774_x1.....aguacugcgauAggagacgucg.....1
 Gi1_4330232_x1.....uggNaacacggggugccga.....1
 Gi2_11099714_x1.....gccaguaAcggaucggagacgu.....1
 Gi1a_6045006_x1.....ggaacacggggugccgaCcu.....1
 Gi3_28810053_x1.....gcUccgccaguaucgucgucgagac.....1
 Gi3_28393291_x1.....ucagggccccgccaguaucgucgauAgg.....1
 Gi3_28928474_x1.....ccgcGaguacugcgauccggagac.....1
 Gi2_11263757_x1.....acgucgugggCacacggggugccg.....1
 Gi3_28261656_x1.....gaUgcccgucagggcccccc.....1
 Gi3_28575873_x1.....caguacugcgauAggagacgucgug.....1
 Gi2_10996528_x1.....aucggagacgucguggAaacacg.....1
 Gi3_28642662_x1.....ucggagacgucgugggUacacg.....1
 Gi1a_6001292_x1.....uacugcgauccggagacguU.....1
 Gi2_11090349_x1.....ccgucagggccccgccCguacugcgau.....1

Gi3_28553845_x1.....cUuccgaaauaggaagagaagcgc..... 1
 Gi3_28477988_x1.....caguacCgcgaucggagacgu..... 1
 Gi2_11266200_x1.....cggagacgucgugggaacacggggAgc..... 1
 Gi3_28456611_x1.....gaagagaagcgcgcUggcccc..... 1
 Gi2_11174552_x1.....ucgugggaacacggggugGcgaacu..... 1
 Gl1a_6142400_x1.....gucgugggaacCcggggugccgaacu..... 1
 Gi2_11121948_x1.....acgucguCggaacacggggugcc..... 1
 Gi3_28919389_x1.....aucggagaAgucgugggaacacg..... 1
 Gi2_11035292_x1.....gaucggagacgucgugggaUca..... 1
 Gi3_28925743_x1.....Aaagcgcgcucagggccccccagua..... 1
 Gi1_4255677_x1.....gGcgugggaacacggggugccga..... 1
 Gi3_28278091_x1.....ggagacgucgugggaGcacggggugccgaacu..... 1
 Gi5_8957692_x1.....acgucgugggaacacggggCgccgaacuuu..... 1
 Gi2_11271881_x1.....ggaaAacggggugccgaa..... 1
 Gi2_11355674_x1.....agaaUcgccgucagggccc..... 1
 Gi3_28968108_x1.....uGaggccccgccaguacugcga..... 1
 Gi2_11128826_x1.....cguggUaacacggggugccga..... 1
 Gi3_28596092_x1.....cgucagggccccgcUaguacug..... 1
 Gi5_8932462_x1.....cgugggGacacggggugcc..... 1
 Gi2_11049473_x1.....ugcgauGggagacgucgugggaacacggggg..... 1
 Gi2_11169527_x1.....gaucggagaAgucguggga..... 1
 Gi3_28672898_x1.....ccgccaguacugUgaucggagac..... 1
 Gi2_11307466_x1.....cggagacgucguggAaacac..... 1
 Gi1_4168889_x1.....ugcgauCggagCgucgugggaacacg..... 1
 Gi2_11388558_x1.....agacgucgugggaUacggggugcc..... 1
 Gi2_11109380_x1.....gccaguacugAgaucggagacguc..... 1
 Gi2_11149852_x1.....cgauCggagGcgucgugggaaca..... 1
 Gl1a_6120753_x1.....gaucggagUcgucgugggaa..... 1
 Gl1a_6004252_x1.....uCcgaucggagacgucgugggaa..... 1
 Gi4_575150_x1.....gagaagcgcgcucagggccc..... 0
 Gi2_11172861_x1.....ggUcccgccaguacugcgau..... 1
 Gl1a_6069002_x1.....gccaguacCgcgaucgga..... 1
 Gi3_28446330_x1.....ucgugggaCcacggggugccga..... 1
 Gi3_28797702_x1.....aagaUaagcgcgcucagggc..... 1
 Gi5_8978021_x1.....agacgucgugggaacacggggGgcc..... 1
 Gi2_11355053_x1.....aucggagacgucUugggaacacggg..... 1
 Gi3_28739461_x1.....cgauCggagacgucgGggg..... 1
 Gl1a_6250134_x1.....gccaguacugcgaCcgagacguc..... 1
 Gi1_4296039_x1.....ucggagCcgucgugggaacacg..... 1
 Gi2_11328269_x1.....cgauCggagacgucgugggaacGcg..... 1
 Gi3_28350306_x1.....cgccaAuacugcgauCggagac..... 1
 Gi3_28642048_x1.....gagGagcgcgcucagggccccccaguacu..... 1
 Gi3_28672916_x1.....cgccaguacAgcgauCggagacgucgug..... 1
 Gi3_28571428_x1.....cggagacgCcgugggaacacggggug..... 1
 Gl1a_6261673_x1.....Caagcgcgcucagggccccgcca..... 1
 Gi2_11004618_x1.....ccaguacugcgauCagag..... 1
 Gl1a_6232509_x1.....cgauCggGacgucgugggaa..... 1

Gi1_4177614_x1.....ucggagacgucgCgggaacacggggugccgaacu..... 1
 Gi3_28368631_x1.....gaagcgcUgucagggccccgccaguacugc..... 1
 Gi3_28278407_x1.....cgucuggggaacacAgggugc..... 1
 Gi5_9099870_x1.....caggccccgccCuacugcg..... 1
 Gi3_28422325_x1.....aGgagaagcgccgucagggccccgccagua..... 1
 Gl1a_6023428_x1.....ucggagacguAgugggaacacggg..... 1
 Gl1a_6274699_x1.....cgugggaacacggggAgccgaacu..... 1
 Gi3_28332941_x1.....gucgugCgaacacggggugccgaac..... 1
 Gi4_574133_x1.....cgucagggccccgccaguGcugc..... 1
 Gl1a_6283938_x1.....gaagcgcgucagggccccAcca..... 1
 Gi2_11143480_x1.....aAcgcccugcagggccccgccaguacugcgauc..... 1
 Gi1_4194709_x1.....aucggagacgucUugggaacacggggugcc..... 1
 Gi2_11323456_x1.....gagacgucgugggaacacgAgggug..... 1
 Gi1_4261565_x1.....uggAaacacggggugccgaac..... 1
 Gi2_11015326_x1.....gggaacacggggugNcgaacu..... 1
 Gi3_28683283_x1.....ggaagagaagcgccgucaggg..... 0
 Gi3_28886155_x1.....cccgccaguacugcgaucggagaAg..... 1
 Gi3_28510958_x1.....aAagaagcgccgucagggccccgc..... 1
 Gi5_8899412_x1.....agacgucgugggaacacgUggugccgaac..... 1
 Gi2_11127371_x1.....agacgucgugggaacaUggggugccga..... 1
 Gi3_28566124_x1.....ggagacgucgugggaacacggggugcAgaacu..... 1
 Gi3_28452956_x1.....ggccccgccaguacugcgaucggCgacg..... 1
 Gi5_8860388_x1.....caguacugGgaucggagacguc..... 1
 Gl1a_6349840_x1.....caguacugcgaucAgagacguc..... 1
 Gi5_9008784_x1.....ugcgaucggagGcugcugggga..... 1
 Gi3_28442018_x1.....agacgucgugUgaacacggggugccgaacu..... 1
 Gl1a_6199775_x1.....agagaagGgccgucagggccccgcc..... 1
 Gi5_8909664_x1.....aguacugcgaucggagGcugc..... 1
 Gi2_11332313_x1.....cgcUaguacugcgaucggaga..... 1
 Gi3_28357202_x1.....ugcgGucggagacgucgugggaacacggggugc..... 1
 Gi2_11134096_x1.....cgucuggggaacacggggugccgaaA..... 1
 Gi2_11380323_x1.....agagaGgccgucagggccccgc..... 1
 Gi2_11117373_x1.....ccUgccaguacugcgaucggag..... 1
 Gi5_9115980_x1.....gugggaacacggggUaccg..... 1
 Gi5_8925292_x1.....agacgucgGgggaacacggggugcc..... 1
 Gi5_9126363_x1.....guggUaacacggggugccg..... 1
 Gi3_28444446_x1.....agaagcgccgucagggcccUgccaguacug..... 1
 Gi3_28582524_x1.....cagggcccGccaguacugc..... 1
 Gi3_28611007_x1.....ucgugggaacaUggggugccgaa..... 1
 Gi2_11383190_x1.....agacgucgugggaacacgAgggugccgaacu..... 1
 Gi3_28715171_x1.....ugcgaucggagGcugcugggga..... 1
 Gi3_28754020_x1.....aucggagUcugcuggggaacacg..... 1
 Gi3_28967781_x1.....ggagacgucguAggaacacggggugccgaac..... 1
 Gi3_28553181_x1.....cgucguUggaacacggggugcc..... 1
 Gi2_11097283_x1.....gacgucgugggaAAacggggugccg..... 1
 Gi2_11029496_x1.....cguNgugggaacacggggugccga..... 1
 Gi2_11366947_x1.....ugggaacacggggugccUaa..... 1

Gi2_11006268_x1.....gaacacggggugUcgaac..... 1
 Gi3_28401241_x1.....cgucgugggaacacAgggug..... 1
 Gi3_28960692_x1.....cCucagggccccccaguacu..... 1
 Gl1a_6181578_x1.....ccgccaguNcugcgaucggagacguc..... 1
 Gi3_28539980_x1.....cggagacgucgugggaGcacgg..... 1
 Gi2_11050927_x1.....gCucggagacgucguggga..... 1
 Gi2_11059688_x1.....Ngugggaacacggggugccgaac..... 1
 Gl1a_6136621_x1.....agaagcgccgucaggccUcgc..... 1
 Gi1_4251046_x1.....cggagGcgucgugggaacacggg..... 1
 Gi3_28393546_x1.....gccGcgccaguacugcgaucggaga..... 1
 Gi1_4359343_x1.....cggagacgucgugggaacacggggU..... 1
 Gl1a_6162471_x1.....cguNggaacacggggugccgaacu..... 1
 Gi5_9129050_x1.....acgucgugggaacGcggggugccga..... 1
 Gi3_28836463_x1.....Agagacgucgugggaacacggggugccgaac..... 1
 Gi2_11338212_x1.....aacacggggugccCaacu..... 1
 Gi3_28586277_x1.....guacugcgaucggGgacgu..... 1
 Gi3_28782461_x1.....acucguuccgaauuaggCagagaagcgc..... 1
 Gi2_11125843_x1.....cgucagggccccgcUaguacugcgaucgga..... 1
 Gi5_9128761_x1.....gaCcgagacgucgugggaacacggg..... 1
 Gi1_4341789_x1.....ggGgacgucgugggaacacggggug..... 1
 Gi3_28519114_x1.....cgaucggagacgucAugggaaacacggggugc..... 1
 Gl1a_6247495_x1.....aggccccgccCguacugc..... 1
 Gi2_11304191_x1.....cgucgugAgaacacggggugcc..... 1
 Gi2_11294547_x1.....aucggagacCucgugggaacacggggugc..... 1
 Gi3_28475129_x1.....caguacAgcgaucggagacguc..... 1
 Gi3_28840116_x1.....gaucggagacgucguggAaacacggggug..... 1
 Gl1a_6137449_x1.....agaGgucgugggaacacggggugccgaac..... 1
 Gi5_9028734_x1.....agacgucgugggaacacggggC..... 1
 Gi3_28508543_x1.....agaNgcggccgucaggccc..... 1
 Gi3_28609319_x1.....gucgugggaacacgUggugcc..... 1
 Gi3_28630688_x1.....gagacgucgugggaacacgggg..... 0
 Gi1_4182240_x1.....cgugggaacacAgggugcc..... 1
 Gi5_9037172_x1.....gccccgccaguacuAcgauc..... 1
 Gi1_4182374_x1.....Ugugggaacacggggugcc..... 1
 Gi3_28896765_x1.....cgccguAaggccccccaguacu..... 1
 Gi5_9058148_x1.....ggaacacggggUaccgaac..... 1
 Gi5_9009504_x1.....gugggaacacggggugccAaacuuu..... 1
 Gi2_11294509_x1.....gucgugggaacacggggUac..... 1
 Gi3_28320364_x1.....gaagagaagcgccguacuAgccccg..... 1
 Gl1a_6146714_x1.....gagacgucgugggaacacggggugcc..... 0
 Gi3_28849383_x1.....Accgucagggccccccaguacugc..... 1
 Gi2_11274199_x1.....Ugaucggagacgucgugggaacacggg..... 1
 Gi1_4209898_x1.....cgugggaacacAgggugccgaac..... 1
 Gi2_11194313_x1.....aggccUcgccaguacugcgaucggaga..... 1
 Gi5_9044316_x1.....acgucgugggaGcacggggugccga..... 1
 Gi3_28502095_x1.....cguggCaacacggggugc..... 1
 Gi2_11279223_x1.....gucGggccccccaguacugcgau..... 1

Gi3_28561960_x1.....ggagacgucguAggaacacggggugcc..... 1
 Gl1a_6147959_x1.....gaucggagacgucgugggaaacGcggg..... 1
 Gl1a_6086624_x1.....cgaucggagacgucgugggaaacGcag..... 1
 Gi5_9028743_x1.....ccgccaguacugcgauccggagacgucgugggaaacacg..... 0
 Gl1a_6015544_x1.....agagaagcgccgucagggcccgUc..... 1
 Gi2_11279657_x1.....agacgucgugggaaacacggggug..... 1
 Gi1_4366622_x1.....acgucgugggaaacacggggugccgGac..... 1
 Gi1_4381741_x1.....uggaaacacggggAgccgaac..... 1
 Gi5_8916635_x1.....gCccccccagucgucguc..... 1
 Gi2_11268995_x1.....ccccgUcaguacugcgau..... 1
 Gi2_11324702_x1.....gccccgcUaguacugcga..... 1
 Gi1_4316066_x1.....gaucggagGcugcugggaaacacggg..... 1
 Gi2_11157763_x1.....gcgaucggagacguUgugggaaac..... 1
 Gi1_4327042_x1.....acgucgugggaaacCcggggugccg..... 1
 Gi2_11387169_x1.....gaagagaagcgccguUagggcccgccag..... 1
 Gi1_4301563_x1.....Ugugggaaacacggggugccgaacuu..... 1
 Gi2_11396301_x1.....aUacgucgugggaaacacggggugccgaa..... 1
 Gi1_4353662_x1.....ucgugggaaacacggggugccga..... 1
 Gi1_4198293_x1.....gccgucGggccccccaguc..... 1
 Gi2_11148884_x1.....aacucguuccgaauaggaagaga..... 0
 Gi5_9077826_x1.....acugcgauccggagacgucGg..... 1
 Gi1_4228465_x1.....ugcgGucggagacgucgugggaa..... 1
 Gi2_11122216_x1.....ucgugggaaacacgggUugccgaacu..... 1
 Gi3_28323436_x1.....ccgNcaguacugcgauccggagacgucgug..... 1
 Gi2_11007236_x1.....gggaacacgggAugccgaac..... 1
 Gi2_11276209_x1.....guacugcgauccgUagacgucg..... 1
 Gi3_28911772_x1.....ggagGcugcugggaaacacggg..... 1
 Gi3_28502890_x1.....gccaguacNcgauccggagacgucgug..... 1
 Gl1a_6086051_x1.....cgAcaggccccccaguc..... 1
 Gi3_28925606_x1.....agUgccgucagggccccccaguc..... 1
 Gi2_11043685_x1.....cgugggaaacacggAgugc..... 1
 Gi3_28338406_x1.....gucAugggaaacacggggugccga..... 1
 Gi3_28520225_x1.....cggagacgucgugggaaacacgCg..... 1
 Gi1_4213114_x1.....aucggagacgucgugggGacacg..... 1
 Gi5_8967224_x1.....ccaguacugcAaucggagacgu..... 1
 Gi3_28459918_x1.....gcgaucggagacgucGggaaacacggg..... 1
 Gi3_28617598_x1.....ggaacacggUgugccga..... 1
 Gi1_4167554_x1.....ggagCcgucgugggaaacacggggugcc..... 1
 Gi1_4256705_x1.....gugggaaacNcggggugccga..... 1
 Gi3_28449605_x1.....caggccccccaCuacugcga..... 1
 Gi2_11191714_x1.....gagacgucgugggaaacacgggCug..... 1
 Gi2_11354807_x1.....agccccgcUaguacugcgaucc..... 1
 Gi1_4228714_x1.....aguacugcgauccggagac..... 0
 Gi3_28721392_x1.....cggagaAgucgugggaaacacggggugcc..... 1
 Gi5_9074058_x1.....gaacaUggggugccgaac..... 1
 Gi3_28447814_x1.....aucggagacgucgugUgaacacgg..... 1
 Gi5_9132406_x1.....caguacugAgauccggagacguc..... 1

Gi5_9093918_x1.....acgucgugggaaacacgCgugccgaacu..... 1
 Gi2_11257228_x1.....aucggagacgucguUggaacac..... 1
 Gi2_11197578_x1.....cucguuccgaauaCgaaga..... 1
 Gi3_28976007_x1.....gacgucgugggaaacacggggugccgaCc..... 1
 Gi3_28915963_x1.....agAccccgccaguacugcgaucgg..... 1
 Gi1_4210379_x1.....gacgucgugggaaacaUggggugccgaacu..... 1
 Gi3_28532857_x1.....Gguuccgaauuaggaagagaagcgccgcguc..... 1
 Gi1_4194444_x1.....gaUacgucgugggaaacacggggugccgaac..... 1
 Gi3_28302472_x1.....acgucgugggaaacCcggggugc..... 1
 Gi3_28509443_x1.....agaagcgccgucaAgccccgcca..... 1
 Gi5_9088964_x1.....Gcggagacgucgugggaaacacggggugccg..... 1
 Gi2_11205101_x1.....gaagagaaNcgccgucagggccccg..... 1
 Gi5_9031850_x1.....gucgugggaaacCcggggugc..... 1
 Gi5_8916538_x1.....ggagacgucgugggaaGca..... 1
 Gi2_11373037_x1.....cguggAaacacggggugccga..... 1
 Gi3_28552596_x1.....gaucggagacgucgugggaaacUcg..... 1
 Gi5_8950920_x1.....caguaUugcgauccgagacgucgug..... 1
 Gi1_4267078_x1.....cccgccaguacugcgGucggagacg..... 1
 Gi3_28551677_x1.....gcgaucggagacgucAugggaaacacggg..... 1
 Gi1_4233892_x1.....gCcguggaaacacggggugccgaac..... 1
 Gi3_28302697_x1.....gcgaCcggagacgucgugggaa..... 1
 Gl1_6358968_x1.....cUgagacgucgugggaaacacggggug..... 1
 Gi2_11108017_x1.....ucaggUcccgccaguacugc..... 1
 Gi5_9118483_x1.....Ccgagacgucgugggaaacacg..... 1
 Gi1_4298681_x1.....aucggagGcugcugggaaacacggg..... 1
 Gi3_28655918_x1.....gccgucaggAccccccaguac..... 1
 Gi3_28683362_x1.....ccaguacuAcgauccgagacgucgug..... 1
 Gl1_6307095_x1.....aguacugcgauccgGcagcuc..... 1
 Gi2_11330146_x1.....gaAcggagacgucgugggaaacacggggugc..... 1
 Gi2_11023884_x1.....ggagacgucgugggaaacacgggUugcc..... 1
 Gi2_11143217_x1.....gcgaucggNgacgucgugggaa..... 1
 Gl1_6332582_x1.....cggagacgNcgugggaaacacg..... 1
 Gi3_28950467_x1.....Ggucgugggaaacacgggguu..... 1
 Gi4_568901_x1.....cgccaguacugcgauccgGgacgucgug..... 1
 Gl1_6017995_x1.....gccaguacugcgauccgagacgCc..... 1
 Gi2_11103727_x1.....cggagacgucgugggaaUacggggugc..... 1
 Gi2_11018977_x1.....aggccccgccaguacAgcgauccg..... 1
 Gi3_28885975_x1.....cgccUguacugcgauccgagac..... 1
 Gi3_28884269_x1.....agaagcgccgucCggccc..... 1
 Gi1_4202225_x1.....ggagacgucgugggaaacacggggA..... 1
 Gi1_4321601_x1.....aggccccgccaguacCgcauc..... 1
 Gi3_28342767_x1.....Uagaagcgccgucagggccccccaguacugcg..... 1
 Gi5_9026259_x1.....gaucggagacgucgugAgaacacggg..... 1
 Gi1_4228958_x1.....aguaUugcgauccgagacgucgug..... 1
 Gl1_6164968_x1.....ugcgaucggagacgucUug..... 1
 Gi3_28440090_x1.....aucggagacgucguUggaacacgggguu..... 1
 Gi1_4371409_x1.....ggaUcacggggugccgaa..... 1

Gi1a_6263650_x1.....cguggaacUcggggugccgaacu..... 1
Gi3_28508398_x1.....ccaguacugcgauccgagacgCc..... 1
Gi5_9060676_x1.....ccccgccaguacugcgauccgUgacg..... 1
Gi1_4305702_x1.....ugcgauccgagacgucgCggga..... 1
Gi2_11400490_x1.....uacugcgaCcgagacgucgugggaaca..... 1
Gi3_28642411_x1.....cgauccgagacgucgugggaacGcggggu..... 1
Gi2_11100541_x1.....gauccgagacgucgugggaacaUggggug..... 1
Gi3_28885665_x1.....gacguUgugggaacacggggugccg..... 1
Gi1_4357204_x1.....cgugggaUcacggggugccgaacu..... 1
Gi2_11024970_x1.....ccccccaguacugcgauccgCgacgucgu..... 1
Gi2_11245673_x1.....gaagagUagcgccgucagg..... 1
Gi1a_6082838_x1.....gucaggccccgcUaguacugcg..... 1
Gi3_28957304_x1.....caguacugcgauccgagCcgucgu..... 1
Gi3_28737227_x1.....gucaggccccgccaguacCcggauc..... 1
Gi5_8943983_x1.....gggaUcacggggugccgaa..... 1
Gi2_11312944_x1.....Nggagacgucgugggaacacggggugcc..... 1
Gi3_28422267_x1.....gacgucgugggaacacggggugcAg..... 1
Gi5_9061516_x1.....ucggagacgucgugggaacGcggggugc..... 1
Gi5_8956100_x1.....cgUcaguacugcgauccgagacguc..... 1
Gi4_598708_x1.....caguacugcgauccgagacgucg..... 0
Gi2_11133753_x1.....Accgccaguacugcgauccgagacguc..... 1
Gi2_11049179_x1.....ggaacacggggugcUgaa..... 1
Gi2_11040840_x1.....gagaagcgccgucaAgccccgc..... 1
Gi1_4348859_x1.....gggaacCcggggugccgaac..... 1
Gi1_4236708_x1.....cgucgugggaacacAgggugc..... 1
Gi5_9006177_x1.....gucgugggaacacgggAugccgaac..... 1
Gi2_11127809_x1.....caggccccgcUaguacugcgauccgagac..... 1
Gi2_11091014_x1.....gacgucgugggaacGcggggugcc..... 1
Gi1_4201785_x1.....gucaggccNcgccaguacugc..... 1
Gi1_4284769_x1.....gagacgucgugggaacacggggGgccgaacu..... 1
Gi3_28425207_x1.....ucaggccccgccaguacugGg..... 1
Gi3_28530822_x1.....aucggagacgucgugggaacacgCggu..... 1
Gi1_4297261_x1.....gagacgucgugggaacacggggugcAgaacu..... 1
Gi2_11059337_x1.....ugcgauccgCgacgucgugggaacacg..... 1
Gi3_28691388_x1.....aagagaagcgccgucGggc..... 1
Gi3_28634470_x1.....gucaggccccgccGguacugcgaucc..... 1
Gi2_11016549_x1.....acgucgugggaacacggAgugc..... 1
Gi5_9008918_x1.....Uccccccaguacugcgauccgagacguc..... 1
Gi5_8958928_x1.....caggccccgccaguacCcggauc..... 1
Gi5_8927338_x1.....gucgugggaacacggUgugccgaacu..... 1
Gi2_11244555_x1.....ccguAaggccccgccaguacugcg..... 1
Gi3_28382718_x1.....cgauccgagaAgucgugggaacacggg..... 1
Gi3_28349606_x1.....cgccaguacugcgauccgagGc..... 1
Gi1_4270474_x1.....acugcgauccgagGcgucg..... 1
Gi3_28722719_x1.....gcUccgccaguacugcgauccg..... 1
Gi3_28272550_x1.....gccaguacugcgGucggagac..... 1
Gi2_11044011_x1.....cCccaguacugcgauccgagacgu..... 1

Gi1_4259762_x1.....cguUgugggaacacggggugccgaacu..... 1
Gi5_8935193_x1.....ucgugggaacacgAggugccgaac..... 1
Gi1_4261436_x1.....gacguUgugggaacacggggugcc..... 1
Gi5_9000397_x1.....gccgAcaggccccgccaguacu..... 1
Gi3_28354612_x1.....ccgucaggccccgccaguCcuugcgaucgga..... 1
Gi2_11027473_x1.....cgucgugggaacacgggguCccgaa..... 1
Gi2_11062285_x1.....ccccgccaguacugcgaucggUgac..... 1
Gi2_11315886_x1.....cgugggaacacggggugGc..... 1
Gi5_8841682_x1.....ggCacacggggugccgaacu..... 1
Gi3_28375176_x1.....ggccccgccUguacugcga..... 1
Gi2_11035008_x1.....ucgugggaacacggggugccgGa..... 1
Gi3_28867548_x1.....gggGacacggggugccgaacu..... 1
Gi2_11070636_x1.....cAccaguacugcgaucggagacgucgug..... 1
Gi5_9105896_x1.....aacacgggguAccgaacu..... 1
Gi3_28444567_x1.....cccgccUguacugcgaucggagacgucgug..... 1
Gi3_28466141_x1.....agcgcAgucagggccccgccagu..... 1
Gi3_28549748_x1.....acgucgugggaacacgAgugcc..... 1
Gi3_28392501_x1.....ccccgccaguacCgcgaucg..... 1
Gi3_28476425_x1.....gcUgucagggccccgccaguacu..... 1
Gi3_28475120_x1.....Aaagagaagcggccgucagggccccg..... 1
Gi4_573087_x1.....ugAgaacacggggugccgaacu..... 1
Gi3_28762894_x1.....aggccccccaUuacugcga..... 1
G1a_6000238_x1.....ccgccaguacCgcgaucggagacguc..... 1
Gi3_28962972_x1.....cgucagCccccgccaguacugc..... 1
G1a_6199626_x1.....aguacCgcgaucggagacgucg..... 1
Gi3_28567546_x1.....gaagGaaagcggccgucagggcc..... 1
Gi2_11205191_x1.....cugcgaucNgagacgucgugggaacac..... 1
Gi2_11228771_x1.....acgucgugggaacacggggugccCaacu..... 1
Gi3_28398290_x1.....ucaggccccgccaguaAugcgauc..... 1
Gi5_9077807_x1.....aAcggagacgucgugggaaca..... 1
G1a_6010167_x1.....cgucagggcccAgccaguacugcg..... 1
Gi3_28440918_x1.....aagcggccgucagggcccUgccagua..... 1
Gi3_28787713_x1.....gaagagGagcggccgucagggccccg..... 1
Gi3_28903472_x1.....cgggagacgucguAggaacacg..... 1
Gi2_11404199_x1.....gucagggccccgccaguGcugcg..... 1
Gi5_8924984_x1.....gccccgccaguacuUcgaucgga..... 1
Gi1_4169383_x1.....gggagacgucgugggaacacgggguAcc..... 1
Gi2_11079995_x1.....gCgucgugggaacacggggugccgaacu..... 1
Gi3_28787347_x1.....caguacugcgGucggagacgu..... 1
Gi3_28853698_x1.....cccgCaguacugcgauc..... 1
Gi3_28963746_x1.....ggccccgccagCacugcga..... 1
Gi1_4354071_x1.....ggccccgccaguacugcgauU..... 1
Gi1_4352745_x1.....agacgucgugggCacacggg..... 1
Gi3_28585683_x1.....ucgugCgaacacggggugccgaac..... 1
Gi2_11368768_x1.....ccccgccaguacugcgaCcggaga..... 1
Gi1_4368203_x1.....ucaggccccgccaguacuAcgauc..... 1
Gi3_28269689_x1.....gggagacgucgugggaacacggggCgccgaac..... 1

Gi3_28574391_x1.....gggaacUcggggugccga..... 1
Gi3_28481804_x1.....ccgucaggccccgccUguacugcg..... 1
Gi2_11103752_x1.....agcgccguNaggccccgccaguacugc.....ucguggAaacacggggugccgaa..... 1
Gi2_11263789_x1.....agcgccguNaggccccgccaguacugc..... 1
Gi3_28492605_x1.....ggagacgucgugggaacacAgggugcc..... 1
Gi2_11304417_x1.....cUgccaguacugcgauccggagacg..... 1
Gi1_4325361_x1.....cgccGguacugcgauccggaga..... 1
Gi3_28318452_x1.....gccccgccGguacugcgauccggagacg..... 1
Gi3_28759881_x1.....ucgugggaGacggggugccgaacu..... 1
Gi2_11403344_x1.....aagaUaagcgccgucaggccc..... 1
Gi5_8842613_x1.....aucggagaNgucgugggaacacggggugcc..... 1
Gi1_4304667_x1.....Uaggccccgccaguacugc..... 1
Gi1_4175909_x1.....gugggUacacggggugccga..... 1
Gi5_8992268_x1.....ccccgccaguaUugcgauccggagacg..... 1
Gi5_8899164_x1.....cgauccggagacgucgugggaGcacggg..... 1
G1a_6203520_x1.....guUgugggaacacggggugccgaacu..... 1
Gi1_4195917_x1.....ccgucaggUcccgccaguacug..... 1
Gi2_11357807_x1.....ucggagacgucguUggaacacggggugc..... 1
Gi3_28791637_x1.....ccgucaggccccAccaguacugcg..... 1
Gi4_593597_x1.....gggaacacgggUugccgaacu..... 1
Gi4_611381_x1.....cgugggaacacgggAugccgaacu..... 1
Gi5_9126426_x1.....ucAgagacgucgugggaacacggggugccg..... 1
Gi1_4225351_x1.....Aaacacggggugccgaacu..... 1
Gi1_4238347_x1.....agacgucgugggaCcacggggugccg..... 1
Gi2_11270797_x1.....cccgccaguacugcgaCcgag..... 1
Gi2_11043420_x1.....auGggagacgucgugggaacac..... 1
Gi3_28633965_x1.....cgccgucGggccccccag..... 1
Gi5_9062961_x1.....gccgucaggcccGccaguacugc..... 1
Gi5_9126357_x1.....gagacgucgugggaacacggggugccgCacu..... 1
Gi1_4292568_x1.....ucggagacgucgugggaacGcggggugc..... 1
Gi3_28570019_x1.....ucaggUcccgccaguacugcg..... 1
Gi3_28839531_x1.....aguacugcgauUggagacgucg..... 1
Gi3_28763838_x1.....gacgucgGgggaacacggggugccgaac..... 1
Gi2_11137727_x1.....agAccccgccaguacugcga..... 1
Gi1_4296109_x1.....ggagacgucgCgggaacacggggugccg..... 1
G1a_6028416_x1.....caguacugcCaucggagacgucg..... 1
Gi2_11059386_x1.....caUgccccgccaguacugcgauccggaga..... 1
Gi2_11294285_x1.....gauccggagacgucgugggaUc..... 1
Gi4_569912_x1.....gugggaacacggggugccgaG..... 1
Gi3_28507639_x1.....Ugaagcgccgucaggccccgcca..... 1
Gi3_28929111_x1.....agacgucgugAgaacacggg..... 1
Gi5_8935990_x1.....uacugcgauccggagaAgu..... 1
Gi5_8997424_x1.....caggccccgccaguacGgcgauc..... 1
Gi5_9032046_x1.....aagGgaagcgccgucaggccccgcca..... 1
G1a_6259431_x1.....Accaguacugcgauccgga..... 1
G1a_6302445_x1.....ggagacgucgugggaacacggggAgc..... 1
Gi3_28342074_x1.....gccgucaggccccccagGacugcg..... 1

Gi3_28883029_x1.....agggccccgccaguGcugcgauccg..... 1
 Gi3_28584685_x1.....cgccaguuacuAcgauccgagacguc..... 1
 Gi3_28709093_x1.....cgccgucagggccccgccCguac..... 1
 Gi1_4378877_x1.....aucggagacgucgugggaaacacggggGgcc..... 1
 Gi2_11362341_x1.....cUggccccgccaguacugcg..... 1
 Gi5_8912030_x1.....acgucgugggaaAacggggugccgaac..... 1
 Gi1_4325387_x1.....ucgAgggaaacacggggugccgaac..... 1
 Gi1_4324128_x1.....cgccCguacugcgauccgagaga..... 1
 Gi5_9111783_x1.....gucgugggaaacacgUggugccgaacu..... 1
 Gi3_28447287_x1.....gcUccgccaguacugcgauccgagaga..... 1
 Gi3_28484062_x1.....ucggagacgucgugggaaacacAgggugcc..... 1
 Gi5_8937443_x1.....caguaUugcgauccgagacguc..... 1
 Gi3_28925765_x1.....ccaguacugcgauccgagacguAgu..... 1
 Gi3_28809142_x1.....ucguuccgaauuaCgaagagaagcg..... 1
 Gi3_28426457_x1.....agUcugcugggaaacacgggg..... 1
 Gi3_28557953_x1.....Gcaggccccgccaguacugcgauccgagac..... 1
 Gi2_11348266_x1.....acucguuccgaauuaggaagagaagc..... 0
 Gi1_4211721_x1.....ucaggcccNgccaguacugcgaucc..... 1
 Gi3_28685083_x1.....agggccccUcaguacugcgauccgagacg..... 1
 Gi3_28486565_x1.....ggUgacgucgugggaaacacggggugccgaa..... 1
 Gi3_28648200_x1.....cgauccgagacgucgugggCacacg..... 1
 Gi3_28582409_x1.....gccaGcggagacgucgugggaaaca..... 1
 Gi1_4213012_x1.....Cugggaacacggggugcc..... 1
 Gi3_28482887_x1.....aagcgccgucagggcccUgccaguacugc..... 1
 Gi3_28865742_x1.....gacAucgugggaaacacgg..... 1
 Gi3_28628387_x1.....gCaggccccgccaguacugcgauccgga..... 1
 Gi3_28862626_x1.....gacgucgugggaaacGcggggugccg..... 1
 Gi3_28677341_x1.....ggagacgucgugggaaacC..... 1
 Gi2_11160311_x1.....aagagGagcgccgucagggccc..... 1
 Gi3_28576173_x1.....cgccaguacugcgauUggagacgucgug..... 1
 Gi5_8882956_x1.....cgugggCacacggggugc..... 1
 Gl1_6286273_x1.....auGggagacgucgugggaaacacgggg..... 1
 Gi2_11232949_x1.....agacgucgugggaaacacggUgugcc..... 1
 Gl1_6150272_x1.....agaagcgccgucagggcccUgccca..... 1
 Gl1_6102169_x1.....ggagacgucgugAgaacacggggugcc..... 1
 Gi2_11041666_x1.....aggccUcggccaguacugcgauccgagacguc..... 1
 Gi2_11316526_x1.....aguacugcgauccgagacguc..... 1
 Gi2_11029988_x1.....Uagagaagcgccgucagggccc..... 1
 Gi3_28812085_x1.....agacguAgugggaacacggggugccgaac..... 1
 Gi3_28710754_x1.....guCggaacacggggugcc..... 1
 Gi5_8916653_x1.....aucggagacAucgugggaaacacgggg..... 1
 Gi3_28659587_x1.....aagagaagcgccgucagggAcc..... 1
 Gi1_4383838_x1.....acugcgauccgagacgucgCgggaaca..... 1
 Gi3_28595224_x1.....uacugcUaucggagacguc..... 1
 Gi3_28669637_x1.....cggagacgucgugggaaacacggggGg..... 1
 Gi3_28921192_x1.....agacgucgugggaaacacggggugccAaac..... 1
 Gi3_28879426_x1.....cgugggaacacggggugccCaac..... 1

Gi2_11193779_x1.....gucgugggGacacggggugccga..... 1
 Gi2_11102165_x1.....caggccccgccaguaGugcgauccg..... 1
 Gl1a_6233730_x1.....aUagaagcgccgucagggccccccagucg..... 1
 Gi2_11124658_x1.....agagaagcgAgucagggccc..... 1
 Gi3_28685837_x1.....ugggaacacggggugccgaC..... 1
 Gi2_11234688_x1.....agacgucgugggaacacggggugAcgaacu..... 1
 Gi5_8960443_x1.....aAgucgugggaacacggggugccgaacu..... 1
 Gi2_11288524_x1.....acugcgauccAgagacgucg..... 1
 Gi4_613556_x1.....gugggaacacggggCgcccgaacu..... 1
 Gi2_11023851_x1.....ccccgccaguaUugcgauccgagacg..... 1
 Gi2_11254115_x1.....agagaagcgccgCcaggcccccca..... 1
 Gi3_28927952_x1.....gucagggccccUcaguacugc..... 1
 Gi1_4290912_x1.....aucggagacgucgugUgaacacggg..... 1
 Gi3_28986556_x1.....ggccccgccGguacugcga..... 1
 Gi3_28463090_x1.....Uuuccgaauuaggaagagaagcgccgu..... 1
 Gi2_11245259_x1.....acgucgugggaacacggggugccAaacu..... 1
 Gi2_11109872_x1.....aagcgccgucCggccccccagucg..... 1
 Gl1a_6275479_x1.....Gcucguuccgaauuaggaaga..... 1
 Gi3_28626190_x1.....gugggaaGacggggugccg..... 1
 Gi2_11002458_x1.....caggccGcgccagucggauc..... 1
 Gl1a_6125545_x1.....gauNggagacgucgugggaacacggg..... 1
 Gi2_11215633_x1.....agacgucgugggaacacggggugA..... 1
 Gi5_8837433_x1.....aucgAagacgucgugggaacacg..... 1
 Gi3_28565421_x1.....caUgccccgccagucggaucgagacg..... 1
 Gi3_28599689_x1.....cNgagacgucgugggaacacgggg..... 1
 Gi5_8846462_x1.....ccgccaguaacuAcgaucggaga..... 1
 Gi5_9127830_x1.....aCacgucgugggaacacggggugccgaac..... 1
 Gi1_4366392_x1.....Uucaggccccccagucg..... 1
 Gi3_28528891_x1.....Nucggagacgucgugggaacacg..... 1
 Gi3_28291287_x1.....ucgugggaacacggggugccUa..... 1
 Gi3_28408123_x1.....uaggaagagaagcgccgucagggccccgc..... 0
 Gi2_11117813_x1.....gaucggagacgucgugggaacacgggguCcc..... 1
 Gi5_8837963_x1.....caggcUccgccagucg..... 1
 Gi5_9089859_x1.....cggGgacgucgugggaacacgg..... 1
 Gi2_11070143_x1.....cgccagucggaucgagGcguc..... 1
 Gi2_11252218_x1.....aucggagacgucgugggaacacgUggugc..... 1
 Gi2_11170729_x1.....ucggagacgucAugggaacacg..... 1
 Gi2_11113469_x1.....gucguggUaacacggggugccgaac..... 1
 Gi3_28532189_x1.....Ugagaagcgccgucagggcccccca..... 1
 Gi3_28300205_x1.....aguacugcgauccgGgacgucg..... 1
 Gi3_28611961_x1.ccGuaacucguuccgaau..... 1
 Gi1_4235681_x1.....gagacgucgugggGacacggggugccg..... 1
 Gi2_11111970_x1.....gagacgucgGgggaacacggggugcc..... 1
 Gi2_11052441_x1.....acgucguggUaacacggggugc..... 1
 Gi5_8941019_x1.....gagacAucgugggaacacggggugccgaacu..... 1
 Gi3_28516093_x1.....aggcGccgccagucggaucggaga..... 1
 Gi2_11302166_x1.....agacgucgugggaacacgggguC..... 1

Gi1_4196822_x1.....cggGgacgucgugggaaacacggggugccgaacu..... 1
Gi5_8988561_x1.....gcgccgucaggccccgccCguacugc..... 1
Gi3_28459401_x1.....ccccgccaguacugcgauccg..... 0
G1a_6048353_x1.....cgugggUacacggggugcc..... 1
Gi2_11173199_x1.....cgNcgugggaacacggggugccg..... 1
Gi2_11344205_x1.....gacgucAugggaaacacggggg..... 1
G1a_5998609_x1.....aucggagacgucgugggCacacggggugc..... 1
Gi2_11388318_x1.....ucggagacgucguggaCcacggggg..... 1
Gi3_28751089_x1.....Ccugcgauccgagacgucg..... 1
G1a_6354688_x1.....aggaagagaagcgccgucaggcccc..... 0
Gi3_28518557_x1.....aguacugcgauccgGgacgucg..... 1
Gi5_9104013_x1.....ccccgccaguacCgcgauccgagacg..... 1
G1a_6072638_x1.....gccccgccaguacugcgauccgagacgCc..... 1
Gi2_11140748_x1.....cUccgccaguacugcgauccgaga..... 1
Gi5_9004274_x1.....gaucggCgacgucgugggaaacacg..... 1
Gi5_8977585_x1.....aucggagacgucgugggaaacCc..... 1
Gi5_9042045_x1.....aucggagacgucgugggaaacaAggggu..... 1
Gi3_28899965_x1.....gaucggagacgucgugggaaUacggggugcc..... 1
Gi2_11396992_x1.....Uagacgucgugggaaacacg..... 1
Gi2_11353363_x1.....ugcgauccgagacgucgugggaaGcacg..... 1
Gi2_11126594_x1.....ggccccgccaguacugGgauccg..... 1
G11_4388192_x1.....cgccguUaggccccgccaguacugc..... 1
Gi2_11072028_x1.....gccgCcaggccccgccaguac..... 1
Gi3_28423249_x1.....gagaCgcgcccugcaggccccg..... 1
G1a_6076094_x1.....Ggucaggccccgccaguacugcgauccg..... 1
Gi3_28270062_x1.....ucaggccccgccGguacugcgauccg..... 1
G1a_6108666_x1.....cgccgucaggccccgccaguacCgc..... 1
Gi3_28895378_x1.....gagaagcgccgucaggccccgcUaguacug..... 1
G11_4203017_x1.....ggccccgccaguacugcgauccgCgacg..... 1
G1a_6092977_x1.....gucgugggaaAacggggugccgaacu..... 1
Gi2_11079842_x1.....aucgUagacgucgugggaaac..... 1
Gi5_9073143_x1.....gaucggagacgucgugggaaCcaccg..... 1
Gi3_28481038_x1.....uacugcgauUggagacguc..... 1
Gi3_28665559_x1.....ccccgccaguacugcgUuc..... 1
Gi2_11042862_x1.....gagaGgucgugggaaacacggggugcc..... 1
Gi3_28667732_x1.....cUguacugcgauccgagacg..... 1
Gi2_11274686_x1.....ccccGcaguacugcgauccgagac..... 1
Gi2_11312474_x1.....gccaguacugcAaucgga..... 1
G11_4161904_x1.....cgugggaacacggggugAcgaacu..... 1
Gi2_11303879_x1.....ucggUgacgucgugggaaacacggggugc..... 1
Gi2_11299864_x1.....gacgucgugggaaacacggAgugc..... 1
G11_4354567_x1.....gagacgucgugggaaacGcggggugcc..... 1
Gi2_11050032_x1.....aGgcgcccugcaggccccgccaguac..... 1
Gi3_28544039_x1.....gagaagcgccguUaggcccc..... 1
Gi5_8944234_x1.....gagGcgucgugggaaacacggggugccgaacu..... 1
Gi2_11319104_x1.....gugggaacacUgggugccga..... 1
Gi3_28519294_x1.....ccgccagCacugcgauccgagacgucg..... 1

Gi3_28879330_x1.....Gaguacugcgauccggagacgucgu..... 1
 Gi3_28371378_x1.....gucguAggaacacggggug..... 1
 Gi3_28273134_x1.....agacgucgugggaacacgggguUccgaacu..... 1
 Gi3_28274983_x1.....caggcccAgccagauacugcgau..... 1
 Gi1_4204908_x1.....ugcgauccggagacgucgug..... 0
 Gi2_11080240_x1.....Caagagaagcgccgucagggcccgcc..... 1
 Gi2_11241650_x1.....gacgucgugggaaAacggggu..... 1
 Gi5_8886784_x1.....aucggagacgucgugggaacacggggCgcc..... 1
 Gi3_28697545_x1.....gAacugcgauccggagacg..... 1
 Gi3_28271374_x1.....auGggagacgucgugggaacac..... 1
 Gi2_11182697_x1.....uAgugggaacacggggugccgaa..... 1
 Gi5_9011327_x1.....ccccgccagCacugcgauccggagacg..... 1
 Gi2_11183463_x1.....cgucgugggaaAacggggugc..... 1
 Gi2_11135629_x1.....gacgucgugggaacacgggguAccgaac..... 1
 Gi3_28856260_x1.....aguaUugcgauccggagacgucg..... 1
 Gi3_28340896_x1.....ccgucaggAcccgccagauacugcg..... 1
 Gi5_9113386_x1.....ggaacacgggUugccgaacu..... 1
 Gi1_4213141_x1.....gAagacgucgugggaacacggggugcc..... 1
 G1a_6279007_x1.....caggUcccgccagauacugcgau..... 1
 Gi2_11374152_x1.....ggagGcgucgugggaacacggggug..... 1
 Gi3_28295743_x1.....ccagauacugcgauccggagacCucgug..... 1
 Gi3_28359490_x1.....ggagacgucgugggaacacggA..... 1
 Gi3_28449173_x1.....agaagcgccgucagggcccgccaCu..... 1
 Gi3_28642778_x1.....acugcgauccggaCacgucgu..... 1
 Gi1_4389435_x1.....gucgugggaacaAggggug..... 1
 Gi2_11024091_x1.....uacugcgGucggagacgucgug..... 1
 Gi5_8869238_x1.....cNugggaacacggggugccgaacu..... 1
 Gi2_11369247_x1.....gaacaGggggugccgaacu..... 1
 Gi2_11113189_x1.....gaCcgagacgucgugggaacacggg..... 1
 Gi2_11143258_x1.....aucggagacgucgugggaaUacgggg..... 1
 Gi2_11197429_x1.....gaagcgccgucagggcccgccagauacu..... 0
 Gi2_11224770_x1.....aguacugcNaucggagacgucgug..... 1
 Gi4_607109_x1.....aacacggggCgccgaacu..... 1
 Gi2_11031676_x1.....agagaagcgccgAcaggc..... 1
 Gi2_11237102_x1.....gucgugggaacacggggugccCa..... 1
 G1a_6287259_x1.....acugcgauUggagacguc..... 1
 Gi3_28855034_x1.....gaCcgagacgucgugggaacacgggg..... 1
 Gi5_9045984_x1.....aucggagacgucgCgggaacac..... 1
 Gi3_28838043_x1.....gUucggagacgucguggg..... 1
 Gi3_28442818_x1.....ccUucagggcccgccagauacugc..... 1
 Gi5_8929204_x1.....gucagggcccgccagugcugcg..... 1
 Gi5_9047761_x1.....gacgucgugggaacacgAgggugccgaacu..... 1
 Gi1_4173293_x1.....ucgugggaacacAgggugccg..... 1
 Gi1_4253666_x1.....ucagggcccgccagauAugcg..... 1
 Gi5_8912285_x1.....ccgucagggcccgccagugcugcg..... 1
 Gi1_4366502_x1.....gugggaacacgUggugccgaac..... 1
 Gi2_11335531_x1.....gaucggagCcgucgugggaacacggggugc..... 1

Gi2_11133745_x1.....gccgucagUccccgccaguacugcg..... 1
Gi2_11120754_x1.....gagacgucgugggaaacacggAgugc..... 1
Gi3_28265582_x1.....cggagacgucgugggaaacacggg..... 1
Gi3_28806822_x1.....ccaguacugcgcaCcgagacguc..... 1
Gi5_8921410_x1.....cggagacgucgugggaaacacgAggugcc..... 1
Gi5_9002879_x1.....aggccccccaAuacugcga..... 1
Gi3_28559790_x1.....cgccgucagggccccgccGguac..... 1
Gi2_11200183_x1.....cgccgucagggccccgccGguac..... 1
Gi5_9015448_x1.....caggccccccaguacCgc..... 1
Gi3_28837218_x1.....cccgccaguacCgcgaucggagacg..... 1
Gi2_11317084_x1.....ucgugggaaacacggCgugccg..... 1
Gi4_582014_x1.....aGgucgugggaaacacggggugccgaacu..... 1
Gi5_8987905_x1.....aucgUagacgucgugggaaacac..... 1
Gi5_9081320_x1.....gucagCccccgccaguacugcg..... 1
Gi2_11219880_x1.....ccccgccaguaAugcgauc..... 1
Gi2_11266148_x1.....cgaucggagacgucgugggaaUacggggug..... 1
Gi3_28365029_x1.....gaucggagacgucgugAgaacacgggg..... 1
Gi5_8910752_x1.....caggcccUgccaguacugcgauc..... 1
Gi2_11089248_x1.....uggUaacacggggugccgaac..... 1
G1a_5987536_x1.....gagacgucgugggCacacg..... 1
Gi3_28913448_x1.....cgucgugggaaacacgCggugccgaac..... 1
Gi3_28406877_x1.....gucgugggaaacGcggggu..... 1
Gi3_28764538_x1.....agaagcgccgucagguUcccgcc..... 1
Gi3_28565920_x1.....ggagacgucgugggaaacacggCg..... 1
Gi5_9029124_x1.....acGgcgaucggagacgucgug..... 1
Gi2_11068934_x1.....Ucgaucggagacgucgugggaaacacggggug..... 1
Gi2_11033793_x1.....ucggagaUgucgugggaaacacggggugccga..... 1
Gi2_11083536_x1.....cUaguacugcgaucggagacg..... 1
Gi3_28823849_x1.....gCcgucgugggaaacacggggugccgaacu..... 1
Gi2_11296848_x1.....ucggGgacgucgugggaaacacggggugccgaac..... 1
G1a_6129189_x1.....aagagaagcgccgucaAgccccg..... 1
Gi5_9019461_x1.....cgccaguaNugcgaucggagacgu..... 1
Gi2_11141422_x1.....cgaucggagacgGcgugg..... 1
Gi3_28886550_x1.....caguacugcgaucggGgacgu..... 1
Gi1_4242742_x1.....ucgugUgaacacggggugccgaacu..... 1
Gi3_28882733_x1.....gacgucgugggaaacacgAggugccgaac..... 1
Gi3_28761144_x1.....ucggGgacgucgugggaaacacggggugccgaac..... 1
Gi3_28882987_x1.....gccaguGcugcgaucggag..... 1
Gi3_28700948_x1.....gaagagaaNcgccgucagggccccgccag..... 1
Gi3_28827987_x1.....cgaucggagacgucgugggaaacacgggAug..... 1
Gi3_28777646_x1.....aggUcccgccaguacugcgaucggagacg..... 1
Gi2_11048682_x1.....cgugggaaacacggggugcAga..... 1
Gi3_28641249_x1.....aucggagacgucgugggaaacacU..... 1
Gi3_28304591_x1.....ucggagacgucgugAgaacacggg..... 1
Gi5_8977517_x1.....acNucgugggaaacacggggugccgaac..... 1
Gi3_28950838_x1.....cgucaggcNccgccaguacugcgauc..... 1
Gi2_11399827_x1.....cgucguCggaacacggggugccgaacu..... 1

Gi3_28832664_x1.....agaNaagcgccgucagggccccgcca.....ucguggggaacacggggugccgaaGu..... 1
Gi1_4248484_x1.....agUgaagcgccgucagggccccgcca.....uggggaacacggggugcUgaacu..... 1
Gi5_8972643_x1.....gCccccgccaguacugcgau.....cggagacgucgugggaacacggggugccgaUc..... 1
Gi4_610900_x1.....ugcgCgggaacacggggugcc.....gacAucgugggaacacggggugccgaacu..... 1
Gi2_11024691_x1.....ugcgauaggagacgucgugggC.....gucgCgggaacacggggugcc..... 1
Gi1_4247169_x1.....gacAucgugggaacacggggugccgaacu.....aggcUccgccaguacugcgau..... 1
G1a_6277796_x1.....gacAucgugggaacacggggugccgaacu.....cggagacgucgugggaacacggggugccgaUc..... 1
Gi3_28701691_x1.....aggcUccgccaguacugcgau.....cggagacgucgugggaacacggggugccgaUc..... 1
Gi2_11007020_x1.....cggagacgucgugggaacacggggugccgaUc.....cgucgCgggaacacggggugcc..... 1
Gi5_9133410_x1.....cgucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
Gi2_11052586_x1.....gucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
Gi3_28919402_x1.....cgucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
Gi3_28712079_x1.....gucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
Gi3_28510892_x1.....gucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
Gi3_28521901_x1.....gucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
Gi2_11172867_x1.....gucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
G1a_6047379_x1.....gucgCgggaacacggggugcc.....gucgCgggaacacggggugcc..... 1
Gi2_11054537_x1.....Cccgucagggccccgccaguacugcg.....gucgCgggaacacggggugcc..... 1
Gi1_4167450_x1.....acacggggugccgaacuG.....gucgCgggaacacggggugcc..... 1
Gi5_9059131_x1.....guAggaacacggggugccgaacu.....gucgCgggaacacggggugcc..... 1
Gi2_11093380_x1.....ugggaacUcggggugccg.....gucgCgggaacacggggugcc..... 1
Gi3_28739695_x1.....gggaacacggggUugccgaac.....gucgCgggaacacggggugcc..... 1
Gi2_11292455_x1.....aggccccgccaguacugcgauaggacacguc.....gucgCgggaacacggggugcc..... 1
Gi5_8905360_x1.....ugcgauaggagacgucgUAgga.....gucgCgggaacacggggugcc..... 1
Gi1_4335477_x1.....aucggaAacgucgugggaacacggggu.....gucgCgggaacacggggugcc..... 1
Gi3_28676994_x1.....gccauuacugcgauaggagacgu.....gucgCgggaacacggggugcc..... 1
G1a_5999446_x1.....gucagggccccgccagCacugc.....gucgCgggaacacggggugcc..... 1
Gi1_4358823_x1.....ugcgauaggagacgucgugggG.....gucgCgggaacacggggugcc..... 1
Gi3_28772210_x1.....ccccgccaguacugcgauAg.....gucgCgggaacacggggugcc..... 1
Gi3_28726336_x1.....Gcggagacgucgugggaacacggggugccgaacu.....gucgCgggaacacggggugcc..... 1
Gi2_11160912_x1.....guacugcgGucggagacgu.....gucgCgggaacacggggugcc..... 1
Gi3_28935019_x1.....aagagaagcgccgucagggUcccgccagu.....gucgCgggaacacggggugcc..... 1
Gi5_9054377_x1.....gacgucguAggaacacggggugccgaacu.....gucgCgggaacacggggugcc..... 1
Gi2_11350065_x1.....cgugggaaacacggggCugccgaac.....gucgCgggaacacggggugcc..... 1
Gi2_11038197_x1.....gaagagaagcgccgucagggccccgUc.....gucgCgggaacacggggugcc..... 1
Gi3_28731951_x1.....cgugggaaacacggggugcAg.....gucgCgggaacacggggugcc..... 1
G1a_6161651_x1.....uCcgauaggagacgucgug.....gucgCgggaacacggggugcc..... 1
Gi3_28961845_x1.....ggagacgucgugggaacacggggUaccgaacu.....gucgCgggaacacggggugcc..... 1
Gi2_11059151_x1.....cguUggaacacggggugccgaac.....gucgCgggaacacggggugcc..... 1
Gi3_28830573_x1.....gucgCgggaacacggggugccgaac.....gucgCgggaacacggggugcc..... 1
Gi2_11318153_x1.....cgccaguacuAcgauaggagacgucg.....gucgCgggaacacggggugcc..... 1
Gi3_28797515_x1.....cccgccaguUcugcgauaggagacg.....gucgCgggaacacggggugcc..... 1
Gi2_11052448_x1.....cgucgugggaacacggggCgccga.....gucgCgggaacacggggugcc..... 1
Gi2_11047237_x1.....cgauaggagacgucgugggaacUcggg.....gucgCgggaacacggggugcc..... 1
Gi2_11324979_x1.....aaUcggcgucagggccccgccaguacugc.....gucgCgggaacacggggugcc..... 1
Gi5_8866484_x1.....Nucggagacgucgugggaaca.....gucgCgggaacacggggugcc..... 1
G1a_6098889_x1.....caguacugcCaucggagacguc.....gucgCgggaacacggggugcc..... 1

Gi3_28652703_x1.....cgccaguacugcgauccggagCcg..... 1
 Gi3_28278401_x1.....aggccccgccagAacugcgauccggaga..... 1
 Gi1_4236988_x1.....ggagacgucgugggGacacggggugccg..... 1
 Gi2_11354351_x1.....cgauccggagacgucgugggG..... 1
 Gi5_8834795_x1.....caUggggugccgaacuu..... 1
 Gl1a_6274090_x1.....caAgccccgccaguacug..... 1
 Gi2_11121817_x1.....ucaggccccgccaguUcugcg..... 1
 Gi3_28371913_x1.....cgucaggccccAccaguacu..... 1
 Gi1_4187439_x1.....acgucgugggaaacacggggugUcgaac..... 1
 Gl1a_6300835_x1.....aucggagacgucgGgggaa..... 1
 Gi1_4229726_x1.....cgugggaaUacggggugccgaac..... 1
 Gi1_4339908_x1.....ugggaaacacggggugccgaaUuu..... 1
 Gi3_28482926_x1.....ccgaauuaCgaagagaagcgc..... 1
 Gi3_28335977_x1.....cggagacgucgugggaaacacA..... 1
 Gi3_28708320_x1.....gccgucaggccccCccaguacugcg..... 1
 Gi4_574424_x1.....cgAgggaacacggggugccgaac..... 1
 Gi1_4295637_x1.....aucggagacgucgugggCacacggg..... 1
 Gi4_569467_x1.....cUcgccaguacugcgauccggagacguc..... 1
 Gl1a_6255644_x1.....Cucggagacgucgugggaaacacggggugcc..... 1
 Gi2_11033647_x1.....cgccaguacugcgauccAgaga..... 1
 Gi1_4342532_x1.....gucgugggGacacggggugccgaacu..... 1
 Gi3_28557915_x1.....cgAcaggccccgccaguacugcgauccggaga..... 1
 Gl1a_5994204_x1.....aAagaagcgcgucaggccccgcc..... 1
 Gi2_11280141_x1.....guacugcgauccggagacgAgc..... 1
 Gi5_9076706_x1.....gugggaacaAggggugccga..... 1
 Gi1_4390107_x1.....gugggaacacggggugccgCacuu..... 1
 Gi3_28863752_x1.....aggccccgccaguacugcgauccggC..... 1
 Gi3_28321553_x1.....cggagacgucgugggaaacacggggugAc..... 1
 Gi2_11176374_x1.....gccccgccagAacugcgauccgg..... 1
 Gi3_28493093_x1.....aggccccgNcaguacugcgauccggagac..... 1
 Gi2_11369382_x1.....acgucgugggaaacacgggAugcc..... 1
 Gi2_11137979_x1.....aucggagacgucgAgggaacacg..... 1
 Gi3_28548164_x1.....aggccccgUcaguacugcgau..... 1
 Gi3_28770430_x1.....gugggaaUacggggugccgaacuu..... 1
 Gi1_4299018_x1.....caggccccgAcaguacugcg..... 1
 Gi2_11294108_x1.....acgucgugggaaacacggggugAcgaacu..... 1
 Gi2_11037527_x1.....gaAcggagacgucgugggaaac..... 1
 Gi3_28577626_x1.....cggagacgucgugggaaacacggAgugccga..... 1
 Gi1_4296363_x1.....uUaggccccgccaguacugcg..... 1
 Gi2_11280957_x1.....aagagaagcgcgUgagccccgc..... 1
 Gl1a_6294058_x1.....ucggagacgucgugggaaacacgggUugc..... 1
 Gi2_11022846_x1.....gucaggcUccgccaguacugc..... 1
 Gi2_11293961_x1.....gcgauccggagacgucCuggga..... 1
 Gi3_28798543_x1.....cccAgccaguacugcgauccggaga..... 1
 Gi2_11299263_x1.....agaUgucgugggaaacacggggugcc..... 1
 Gi3_28625070_x1.....caggccccgccaguacugUga..... 1
 Gi1_4293686_x1.....caggccccgccaguacugcU..... 1

Gi3_28765092_x1.....caggccccccagacuagUgaucgga..... 1
 Gi3_28792042_x1.....gcUaucggagacgucgug..... 1
 Gi3_28460544_x1.....gagaagcgccgucagggcA..... 1
 Gi4_574356_x1.....acgucgGgggaacacggggugccgaa..... 1
 Gi3_28567431_x1.....aucggagacgucgugUaacacg..... 1
 Gi3_28553585_x1.....gcccgcucagggccccCccagacuagc..... 1
 Gi3_28423613_x1.....gCcgugggaacacggggugccgaa..... 1
 Gi5_8982994_x1.....cgucgugggaacCcggggugccga..... 1
 Gi2_11190268_x1.....cgugggaacacgggAugccg..... 1
 Gi1_4307217_x1.....aggccccgAcagacuagc..... 1
 Gi2_11029921_x1.....cucguuccgaauaggaagagaagcgc..... 0
 Gi3_28569036_x1.....cgucaggccccgccGguacuagcgaucgg..... 1
 Gi1_4263292_x1.....cggagacgucgugggaacacAgggugcc..... 1
 Gi3_28739623_x1.....cgucaggccccccagacuagcgaucggagacg..... 0
 Gi2_11299500_x1.....gaucggagGcgucgugggaacacgggg..... 1
 Gi5_9126757_x1.....agacUucgugggaacacggggugccgaa..... 1
 Gl1a_6232007_x1.....gucaggccccgGcagacuagc..... 1
 Gi1_4370639_x1.....ggaacacggggugccgaUc..... 1
 Gi1_4318304_x1.....aucAgagacgucgugggaacacggg..... 1
 Gi3_28453375_x1.....cccgccagacuagcgaucggagCcg..... 1
 Gl1a_6318592_x1.....gugggaacacggggugcAg..... 1
 Gi2_11224039_x1.....aucggagacgucgugggaacacggggugUcg..... 1
 Gi3_28918158_x1.....gaagagaagcgUcguagggccccgc..... 1
 Gi3_28299218_x1.....gagacgucgugggaacGcggggugccg..... 1
 Gi1_4343252_x1.....cccgccagacuagcgaucggag..... 0
 Gi4_598628_x1.....ucgugggaacacggggugccgaaAu..... 1
 Gi1_4210662_x1.....gacgucgugggaacacggggugUc..... 1
 Gi2_11267517_x1.....agacUucgugggaacacggggug..... 1
 Gi3_28671803_x1.....gCagagaagcgccgucagggccccgc..... 1
 Gi5_9058015_x1.....cggagacgNcgugggaacacgg..... 1
 Gi1_4312952_x1.....gaagcgccgucagggccccgcca..... 0
 Gl1a_6239939_x1.....ggagacgucgCgggaacac..... 1
 Gi2_11127466_x1.....cgccguUaggccccgcag..... 1
 Gi3_28484871_x1.....gGcucgugggaacacggggugc..... 1
 Gi5_9049872_x1.....aucAgagacgucgugggaacacg..... 1
 Gi1_4382701_x1.....gacgucgugggaGcacggggugccg..... 1
 Gl1a_6306008_x1.....ggGgacgucgugggaacacg..... 1
 Gi2_11359159_x1.....cagCccccccagacuagcga..... 1
 Gi1_4284375_x1.....gagacgucgugggaacacggggCgcc..... 1
 Gi3_28344248_x1.....gagaagcgUcguagggccccgc..... 1
 Gi2_11052501_x1.....ggagacgucgugggaacacggggugU..... 1
 Gi3_28980370_x1.....agagaagcgccAucagggccccccagacuagc..... 1
 Gi2_11077043_x1.....Ggagaagcgccgucagggccccccagacu..... 1
 Gl1a_6228580_x1.....gugggaacacggggAgccga..... 1
 Gi4_569966_x1.....agacgucgugggaacacggggugccgaaAu..... 1
 Gi2_11324661_x1.....agaagcgccgucagggccccGgcc..... 1
 Gi2_11180191_x1.....cgucaggccccCccagacuagc..... 1

Gi3_28618923_x1.....gccgucagggcccUgccaguac..... 1
 Gi5_8956895_x1.....gacgucguggggaacacggggugccgaaUu..... 1
 Gi2_11158619_x1.....gcgaucggagGcgucgugggaaacacggggug..... 1
 Gi3_28712773_x1.....ccccgccaAuacugcggaucgggagacguc..... 1
 Gi2_11234092_x1.....guacuAcgaucgggagacgu..... 1
 G1a_6179287_x1.....ccgccaguacuAcgaucgggagacguc..... 1
 Gi3_28635145_x1.....gucgugggaaacacggggugccgUacuu..... 1
 Gi2_11367302_x1.....cccgccaguacugcggaucgggagaAguc..... 1
 Gi3_28321809_x1.....ugcgauccggagacgucgugggaaacacggA..... 1
 Gi3_28346597_x1.....gaagagaagcgccgucCggc..... 1
 Gi3_28870649_x1.....gucgGgggaacacggggg..... 1
 Gi2_11389991_x1.....ccccgagAacugcggaucgggagacgucg..... 1
 Gi2_11295142_x1.....gaucgggagacgucgugggaaacacggggugcU..... 1
 Gi3_28352150_x1.....agcgccgucagggccccgUc..... 1
 Gi2_11126713_x1.....ggUccccgccaucugcggaucgggagac..... 1
 Gi1_4383069_x1.....uAcgaucgggagacgucguggg..... 1
 Gi1_4368912_x1.....cguAggaacacggggugccga..... 1
 Gi1_4177384_x1.....gaucgggagGcgucguggg..... 1
 Gi2_11237697_x1.....ccccgccaucugcggaCcgagacgucguc..... 1
 Gi2_11375174_x1.....ucguggCaacacggggugccg..... 1
 Gi3_28361285_x1.....gagaagcgccAucagggccccgag..... 1
 Gi3_28605923_x1.....agacgucgugggUcacggggugccgaaacu..... 1
 Gi4_573194_x1.....gggaacacggggGgcccgaac..... 1
 G1a_6166942_x1.....cGguacugcggaucgggagac..... 1
 Gi2_11384933_x1.....cGcgccaguacugcggaucgggagacgucguc..... 1
 Gi5_9048108_x1.....cgAcguggggaacacggggugc..... 1
 Gi2_11110621_x1.....gacgucgugAgaacacggggugccga..... 1
 Gi3_28522506_x1.....cgucgugggaaacacggggugG..... 1
 Gi1_4249323_x1.....uUagggccccgccaucugcggauc..... 1
 Gi3_28651206_x1.....cgauUgggagacgucgugggaaacacggggugcc..... 1
 Gi3_28698580_x1.....ucNugggaacacggggugccgaaac..... 1
 Gi5_8968075_x1.....aggccccgccaUugcggauc..... 1
 Gi2_11184970_x1.....ggagacgucgugAgaacacggggugc..... 1
 Gi1_4241970_x1.....caggccccgccaucugcggaucgggagCcg..... 1
 G1a_6340127_x1.....ccccgccaucugcggaucggGgacguc..... 1
 Gi5_9027828_x1.....acugcggaucgggagCcgucguc..... 1
 Gi3_28799723_x1.....aucgggagacguAgugggaaacacg..... 1
 Gi3_28555284_x1.....gaucgggagacgucgugggGacacggggugccg..... 1
 Gi3_28455535_x1.....agaagcgccgucagggccccgccaucCguc..... 1
 Gi5_9088516_x1.....acugcggaucAgagacgucguc..... 1
 Gi2_11226345_x1.....cagAacugcggaucgggagacguc..... 1
 Gi2_11265646_x1.....guNggaaacacggggugccg..... 1
 Gi2_11101820_x1.....gagacUucgugggaaacacggggugccgaaac..... 1
 Gi2_11285815_x1.....gagacgucgugggaaacacggggGgccc..... 1
 Gi2_11073511_x1.....caggccccgccaucugcggaucgg..... 1
 Gi5_9112485_x1.....Cggaacacggggugccgaa..... 1
 Gi3_28376670_x1.....gucgugggaaacacggggugcUga..... 1

Gi2_11378714_x1.....aNacgucgugggaacacggggugccgaacu..... 1
 Gi4_578090_x1.....ucgugggaacacggggugccgCacu..... 1
 Gi3_28712297_x1.....aggccAcgccaguacugcgauccg..... 1
 Gi1_4380333_x1.....aucggagacgucgugggaacacggggugGc..... 1
 Gi2_11406795_x1.....ggccccCccaguacugcgaucc..... 1
 Gi5_8962289_x1.....guuccgaauuaggaagag..... 0
 Gi3_28462625_x1.....agcggcgucaggccccgcU..... 1
 Gi2_11199167_x1.....acugcgauccggagaUgucgu..... 1
 Gi2_11216005_x1.....agggccAgccaguacugcga..... 1
 Gl1a_6047126_x1.....gCcgugggaacacggggugccgaacu..... 1
 Gi5_8900987_x1.....Ugucgugggaacacggggugc..... 1
 Gi1_4308091_x1.....ugcgauccggagacgucAugggaaacacg..... 1
 Gi3_28951852_x1.....cgccaguacGcgauccggagacguc..... 1
 Gi3_28311376_x1.....ggagacgucgugggaacacggggugUc..... 1
 Gl1a_6354027_x1.....aauuagAaagagaagcgccguc..... 1
 Gi2_11067697_x1.....Ugagacgucgugggaacacggggugccgaac..... 1
 Gi2_11267745_x1.....acgAcgugggaacacggggugccgaac..... 1
 Gi3_28791417_x1.....ucaggccccgccaguacuAc..... 1
 Gi5_9063292_x1.....cugcgauccggagacgucgG..... 1
 Gi3_28778799_x1.....Gaggccccgccaguacugcgauccggaga..... 1
 Gi2_11012093_x1.....aGgucgugggaacacggggugccga..... 1
 Gi3_28462990_x1.....ccccgccaguacugcCauc..... 1
 Gi1_4321968_x1.....ucgugggaaUacggggugccgaac..... 1
 Gi3_28935123_x1.....aucggagacgucguUggaacacgggg..... 1
 Gi3_28647270_x1.....cgucgugAgaacacggggugccga..... 1
 Gi5_8870040_x1.....ucgugggaacacggggguUccgaacu..... 1
 Gi2_11315049_x1.....aUugcgauccggagacgucgugg..... 1
 Gi3_28735867_x1.....gacgucgugggaaAacggg..... 1
 Gi2_11311861_x1.....agggccccgcUaguacugcgauccggagac..... 1
 Gi4_573085_x1.....gucaggccccgccaguacug..... 0
 Gi3_28319666_x1.....ugcgauccggGgacgucguggga..... 1
 Gi1_4312465_x1.....acgucgugggaacacggggugc..... 0
 Gl1a_6003776_x1.....guacugcgauccggagacguAg..... 1
 Gi3_28636499_x1.....auAggagacgucgugggaacacgg..... 1
 Gl1a_6043620_x1.....gaCcgagacgucgugggaacacggggug..... 1
 Gi4_569627_x1.....agacgucgNgggaaacacggggugcc..... 1
 Gi3_28372469_x1.....Nggccccgccaguacugcg..... 1
 Gi3_28784516_x1.....cgauccggagacguUgugggaacacgg..... 1
 Gi1_4187515_x1.....agacgucgugggaaUacggggugccgaacu..... 1
 Gi5_9110503_x1.....gacguUgugggaacacggggugccgaacu..... 1
 Gi1_4294489_x1.....caggcUccgccaguacugcgauccggaga..... 1
 Gi3_28878303_x1.....agagaagcgccgucCggcc..... 1
 Gi1_4213625_x1.....Uaucggagacgucgugggaacacg..... 1
 Gi2_11229903_x1.....gaagcgccgucaggccccgccGguacugc..... 1
 Gi1_4355230_x1.....gUagacgucgugggaacacg..... 1
 Gi3_28845923_x1.....ucgugggaacCcggggugccgaa..... 1
 Gl1a_6133257_x1.....gugggaacCcggggugccga..... 1

G1a_6325276_x1.....ugcgaucggagCcgucgug..... 1
 Gi3_28971096_x1.....gaucggaAacgucgugggaacacggg..... 1
 Gi3_28470055_x1.....aucggagacguAgugggaacacggggugc..... 1
 Gi3_28798346_x1.....ggagacgucgugggaacGcggggugccg..... 1
 Gi2_11245854_x1.....cgucaggccccgccGguac..... 1
 Gi5_9024949_x1.....cgaucggCgacgucgugggaacacggg..... 1
 Gi3_28700411_x1.....gccgucaggUcccgccaguac..... 1
 Gi3_28484055_x1.....cgccgucaggcUccgccagua..... 1
 Gi3_28952661_x1.....Ucccgccaguacugcgaucggaga..... 1
 Gi3_28544206_x1.....ccgucaggccccgccaguGcugcg..... 1
 Gi2_11370168_x1.....cgccaguacugcgaucggagacgC..... 1
 Gi3_28961832_x1.....gacgucgugggCacacggg..... 1
 G1a_6124519_x1.....gaGcggagacgucgugggaacacggg..... 1
 Gi3_28524184_x1.....ugggaacacggggugGcgaac..... 1
 Gi1_4162081_x1.....ggNacacggggugccgaacu..... 1
 Gi2_11225386_x1.....aggccccgccaguacugcgauUggaga..... 1
 Gi2_11391945_x1.....gaNaagcgccgucaggccccgc..... 1
 Gi3_28698943_x1.....ugggaacacggggugcGg..... 1
 Gi5_8914105_x1.....gaucggagacgucgugggGacacggggu..... 1
 Gi3_28309262_x1.....gaacacggNgugccgaacuu..... 1
 Gi3_28605984_x1.....ccgucaggccccgUcaguacugcg..... 1
 Gi3_28547924_x1.....gacgucgugggaacacgCggugccgaacu..... 1
 Gi2_11227608_x1.....gagacgucgugggaacacCgggugccg..... 1
 Gi2_11035733_x1.....gucaggccccgccCuacugcg..... 1
 Gi3_28475874_x1.....gaucggagacgucgugggaacUcggggu..... 1
 Gi1_4359851_x1.....ucgugggaacacggggugcUgaa..... 1
 Gi2_10994775_x1.....gUgacgucgugggaacacggg..... 1
 Gi3_28438211_x1.....ggagacgucgugggaacacggggugGc..... 1
 Gi5_9101199_x1.....cgaaauaggaagagaagcgc..... 0
 Gi3_28626369_x1.....aggccccgccAuacugcgau..... 1
 Gi3_28568648_x1.....cgccaguaUugcgaucggagacguc..... 1
 Gi3_28341781_x1.....cgccagCacugcgaucggagacgu..... 1
 Gi2_11340626_x1.....acgucgugggUacacggggugccgaacu..... 1
 Gi1_4341605_x1.....aagagaagNgccgucaggccccgccagu..... 1
 Gi3_28521406_x1.....aggccccgccaguGcugcgaucgga..... 1
 Gi2_11071325_x1.....gagacgucgugggaCcacggg..... 1
 Gi2_11253600_x1.....gugggaacacggggUccgaa..... 1
 Gi3_28933719_x1.....cggaUacgucgugggaacacgg..... 1
 G1a_6104207_x1.....ccgaaauaNgaagagaagcgc..... 1
 G1a_6346537_x1.....acucguuccgaaauagga..... 0
 Gi3_28390928_x1.....gucaggccccgccGguacugcgaucggaga..... 1
 Gi2_11225465_x1.....gucaggccccgccaguacugc..... 1
 Gi3_28736285_x1.....gagaagcgccgucaggccccgccagu..... 0
 Gi2_11069631_x1.....agacgucguggCaacacggggugccgaacu..... 1
 Gi2_11026872_x1.....cccgccaguacugUgaucgg..... 1
 G1a_6293102_x1.....acugcgaucggagaUgucgug..... 1
 Gi2_11387060_x1.....cgccaguacugcgCucggaga..... 1

Gi3_28498069_x1.....Ucccgccaguacugcgauccggagacguc..... 1
 Gi5_8974187_x1.....caguacCgcgaucggagacguc..... 1
 Gi3_28788106_x1.....ucggagacgucgugggGacacggggugccga..... 1
 Gi3_28914166_x1.....gagaagcgccgucGggccc..... 1
 Gi3_28834777_x1.....gacgucgugggaacacggAgu..... 1
 Gi2_11062247_x1.....gugggaacacggggugAcgaa..... 1
 Gi1_4176367_x1.....ucgugggaacacgAggugcc..... 1
 Gi3_28810669_x1.....Cgagacgucgugggaacacggggugccgaacu..... 1
 Gi1_4176189_x1.....gagaUgucgugggaacacggggugccga..... 1
 G1a_6084434_x1.....uGggagacgucgugggaacacggggugc..... 1
 Gi2_11094654_x1.....aucggagacgucguggAaacacgg..... 1
 Gi2_11200223_x1.....agacgucgugCgaacacggggugc..... 1
 G1a_6234506_x1.....gaagagaagcgccgucCg..... 1
 Gi2_11194247_x1.....auNggagacgucgugggaacacggggugcc..... 1
 G1a_6151794_x1.....gCgaacacggggugccgaa..... 1
 G1a_6319072_x1.....gaucggagacgucgugggGa..... 1
 Gi3_28692331_x1.....Ggaagcgccgucagggcccgcagua..... 1
 Gi3_28754684_x1.....ucggagacgucgugggCacacggggugcc..... 1
 Gi2_11170763_x1.....ucggagacgGcuggggaac..... 1
 Gi2_11096584_x1.....agacgucgugggaacacggCgugccgaacu..... 1
 Gi3_28395862_x1.....ggccccgccaguacugcgaCcgagacg..... 1
 Gi2_11366538_x1.....ugggaacacAgggugccgaacuu..... 1
 Gi2_11397859_x1.....cgucgugggGacacggggugccgaac..... 1
 Gi1_4376033_x1.....gugggaacacggggugccAaac..... 1
 Gi2_11337680_x1.....cgaCcgagacgucgugggaaca..... 1
 Gi3_28842010_x1.....ggccccgccaguacugcgaGc..... 1
 Gi3_28682920_x1.....cgucgugggaacacggggugccUaac..... 1
 Gi3_28929755_x1.....gccAUuacugcgauccggagac..... 1
 Gi3_28266032_x1.....gucagggUccgccaguacugcg..... 1
 G1a_6255572_x1.....gagNagcgccgucagggcccgcga..... 1
 Gi3_28628051_x1.....gucgugggCacacggggugccga..... 1
 Gi3_28601145_x1.....gucaAgccccgccaguacugc..... 1
 Gi5_8977223_x1.....gaagcgccgucagggcccgcagugc..... 1
 Gi1_4273302_x1.....cgaucggagacgucguggga..... 0
 Gi3_28657787_x1.....gaucggagacgucgugggaCcacgggg..... 1
 Gi4_609071_x1.....gCgggaacacggggugccgaa..... 1
 Gi2_11136493_x1.....Accgucagggcccgcagucguc..... 1
 Gi3_28628184_x1.....acguUgugggaacacggggugccg..... 1
 Gi2_11104041_x1.....aucggagacgucUugggaacacgggg..... 1
 Gi2_11266311_x1.....gccccgccGguacugcgau..... 1
 Gi2_11371996_x1.....cUggccccgccaguacug..... 1
 G1a_6108908_x1.....gaagcgccgAcagggcccgcga..... 1
 Gi2_11096245_x1.ccuuaacucguCccgaau..... 1
 Gi5_8839046_x1.....Gaguacugcgauccggagacgucguggga..... 1
 Gi3_28860705_x1.....gcccgcgucagggccAcgcccagu..... 1
 Gi5_9040463_x1.....agaGcgccgucagggcccgcagucguc..... 1
 Gi3_28554830_x1.....ccccgccaguaAugcgau..... 1

Gi3_28735004_x1.....acgucguAggaaacacggggugccga..... 1
 Gi4_576982_x1.....gugggaacCcgggugccgaa..... 1
 Gi3_28354027_x1.....cgccaguacugGgaucggagacguc..... 1
 Gi1_4256876_x1.....ugcgauccgagacgucgugggaaacCcg..... 1
 Gi3_28284632_x1.....caguacugcgauccgagacgucgC..... 1
 Gi2_11083932_x1.....cgagacgucgugggaaacGcgggg..... 1
 Gi3_28924996_x1.....agcgccguUaggccccgcca..... 1
 Gi5_8930817_x1.....gaUgcgccgucaggccccgccc..... 1
 Gi2_11041587_x1.....aucggagacgucgugUgaacacggggugc..... 1
 Gi2_11074565_x1.....caggcccAgccaguacugcg..... 1
 Gi3_28569891_x1.....Cucaggccccgccaaguacug..... 1
 Gi3_28915272_x1.....gucgugggaacacggAgugccgaa..... 1
 Gi3_28926760_x1.....aucggagGcgcgucguggaaacacggggugccg..... 1
 Gi3_28861903_x1.....gugggaacacggggugccU..... 1
 Gi3_28575121_x1.....ggccccgccUguacugcgauccg..... 1
 Gi2_11018629_x1.....cgccaguacugcgauUgg..... 1
 Gi2_11089030_x1.....gucgugggGacacggggU..... 1
 Gi2_11327594_x1.....ccccgcGaguacugcgauC..... 1
 Gi3_28922491_x1.....gaucggagacgAcgugggaacacggg..... 1
 Gl1_6122067_x1.....cgucgugggaacacggggUaccgaa..... 1
 Gi2_11374027_x1.....acgucgugggaacacggggugG..... 1
 Gi5_8872388_x1.....cgccaguacAgcgauccgagacgucgugg..... 1
 Gl1_6318747_x1.....gugggaacacggggugccgaacuC..... 1
 Gi2_11205819_x1.....gucGggccccgccaaguacug..... 1
 Gi3_28956232_x1.....gaUgagaagcgccgucagggccccg..... 1
 Gl1_6059854_x1.....caggccccgccaaguacCg..... 1
 Gi3_28351576_x1.....aggccccgccaaguUcugc..... 1
 Gl1_6272183_x1.....ugcgauccgNagacgucgu..... 1
 Gi2_11157416_x1.....gagacgucguggUaacacggggugccg..... 1
 Gi1_4163682_x1.....cccgccaguacugcgauccggaU..... 1
 Gi2_11389790_x1.....Cagaagcgccgucagggccccgccc..... 1
 Gi1_4350577_x1.....gucgugggaacacggggugccgCac..... 1
 Gi3_28699081_x1.....cAccaguacugcgauccgagacgucgu..... 1
 Gi2_11371625_x1.....gaucggagacgucgugggaaAa..... 1
 Gi1_4210395_x1.....gaucggagacgucgugggaacGcggggugcc..... 1
 Gi3_28704568_x1.....gugggaacacgCggugccg..... 1
 Gi2_11285791_x1.....ggGgacgucgugggaacac..... 1
 Gi2_11113412_x1.....cgucgugggaacacggggAgccgaa..... 1
 Gi3_28890556_x1.....aguacugcgauccgagUcgu..... 1
 Gl1_6245943_x1.....gCacugcgauccgagacguc..... 1
 Gi2_11330488_x1.....gccgucagggccccgccaaguGcugcg..... 1
 Gi2_11310409_x1.....gaucggagacgucgugggaaUaccgggu..... 1
 Gi5_9052491_x1.....gggaacacgggAugccgaa..... 1
 Gi3_28804143_x1.....ucaggccccgcUaguacugcgauccgag..... 1
 Gi5_9102288_x1.....Aaggccccgccaaguacugc..... 1
 Gi3_28376842_x1.....acucguuccgaauuaggaag..... 0
 Gi3_28367784_x1.....gucgugggNacacggggugccg..... 1

Gi1_4383315_x1.....cgucagggccccgAcaguacugc..... 1
 Gi3_28519564_x1.....Aaucggagacgucguggga..... 1
 Gi5_8869803_x1.....acugcgauccggagaUguc..... 1
 Gi3_28408832_x1.....ccUucagggccccgccaaguac..... 1
 Gi5_8908821_x1.....gucgugggaacacggggAgccgaa..... 1
 Gi3_28387195_x1.....gacgucgugggaacaGggggugccg..... 1
 Gi3_28696072_x1.....cgucgugggaacaGggggugcc..... 1
 Gi5_8892932_x1.....gacgucgugggaaUacggggugccgaacu..... 1
 Gi3_28347027_x1.....aguacugcgGucggagacgucgu..... 1
 Gi2_11233088_x1.....Cccgucagggccccgccaaguacugcgau..... 1
 Gi2_11132557_x1.....gcUgucagggccccgccaaguac..... 1
 Gi2_11140733_x1.....ucagggcAccgccaaguacugc..... 1
 Gi2_11164169_x1.....aucggagaGgucgugggaacacgggg..... 1
 Gi3_28764172_x1.....acacggggugcAgaacuu..... 1
 Gi3_28635814_x1.....ggagacgucgugggaacCcg..... 1
 Gi3_28867739_x1.....gcgauccggagacgCcgugggaacacggggugcc..... 1
 Gi1_4202986_x1.....aagcgccgucagggccccgccaaguCcug..... 1
 Gl1a_6139649_x1.....uacugcgauccggagUcgucgu..... 1
 Gi5_9075230_x1.....gugggaacacggggGgccc..... 1
 Gi1_4328121_x1.....ucgugggaacacgAggugc..... 1
 Gi3_28652015_x1.....cgucgugggaacaUggggugccgaa..... 1
 Gi3_28910607_x1.....agaagcgccgucagggccccCcc..... 1
 Gi3_28748831_x1.....gauNggagacgucgugggaacacgg..... 1
 Gi3_28776890_x1.....cggagacgucgGgggaacacggggugc..... 1
 Gi2_11125503_x1.....aguacuAcggaucggagacg..... 1
 Gi3_28365084_x1.....gaucggagacgucgCggga..... 1
 Gi3_28404558_x1.....ccAucagggccccgccaaguacugcg..... 1
 Gi5_9125070_x1.....aucggagacgucgugggCacacggggugc..... 1
 Gi1_4177856_x1.....acugcgauccAgagacgucg..... 1
 Gi3_28764513_x1.....cgugCgaacacggggugcc..... 1
 Gi2_11342311_x1.....gucgugggaUcacggggugc..... 1
 Gi1_4338853_x1.....gggaacacNgggugccgaac..... 1
 Gi2_11097311_x1.....gccgucagggccccgAcaguacugcg..... 1
 Gi2_11284311_x1.....gucUggccccgccaaguacugcg..... 1
 Gl1a_6041689_x1.....cUgagacgucgugggaacacggggugcc..... 1
 Gi3_28654801_x1.....ggagacgucgugggaGacgg..... 1
 Gi3_28843528_x1.....ccccgccaNuacugcgauccggag..... 1
 Gi3_28389538_x1.....gucgugggaacacgCggugccgaacu..... 1
 Gi4_604087_x1.....gugggaCcacggggugccgaacu..... 1
 Gi1_4162128_x1.....agagaagcgccgucagggccccgcc..... 0
 Gi3_28910374_x1.....agaagcgccgucagggccccUcca..... 1
 Gi3_28825396_x1.....gugggaacacgggUugccg..... 1
 Gi3_28738027_x1.....acgucgugggaacacggggUacc..... 1
 Gl1a_6338310_x1.....cCaucggagacgucgugg..... 1
 Gi1_4350702_x1.....Caacacggggugccgaac..... 1
 Gi5_9001631_x1.....Aagacgucgugggaacacggggugccgaac..... 1
 Gi3_28885202_x1.....gaucggagacgGcuggggaacacggggugcc..... 1

Gi5_9116942_x1.....gaGcacggggugccgaac..... 1
Gi3_28843483_x1.....gagaagcgccgAcaggccc..... 1
Gi3_28310162_x1.....gucaggcAccgccaguacugcg..... 1
Gi2_11230829_x1.....cgGucgggagacgucgugggaacacggggug..... 1
G1a_6128789_x1.....ccaguacugAgaucggagacguc..... 1
Gi2_11076854_x1.....cguUaggccccgccaguacug..... 1
Gi3_28836764_x1.....cccgccaguacugcgauccggaAacguc..... 1
Gi1_4284691_x1.....gccaguacugcgauccgGgacgucgug..... 1
Gi3_28770212_x1.....aggccccGAcaguacugc..... 1
Gi3_28983999_x1.....ggNgacgucgugggaacacggggugccgaac..... 1
G1a_6058029_x1.....caggccccgccagCacugc..... 1
Gi2_11072199_x1.....cgucaggGccccgccaguac..... 1
Gi5_8955068_x1.....caguacugcgauccgagaGgucgug..... 1
Gi5_8976050_x1.....caguacugcgauccgGgacgucgug..... 1
Gi3_28713429_x1.....gaagGgaagcgccgucagggccccgcc..... 1
Gi3_28316302_x1.....aguacugUgaucgggagacg..... 1
Gi2_11184888_x1.....gAcccgccaguacugcgaucc..... 1
Gi3_28560901_x1.....gccaguacugcggaCcgga..... 1
Gi3_28550354_x1.....gccccgccCguacugcgauccgagacgucg..... 1
Gi2_11134102_x1.....cgugggaacacggggGgccga..... 1
Gi2_11257224_x1.....caggccccgccaguacGccgucg..... 1
Gi5_9019210_x1.....Agccccgccaguacugcgauccgga..... 1
Gi3_28348108_x1.....gaagagaagcgccgucUggccccg..... 1
Gi3_28855456_x1.....cgauccgagGcugcuggggaacacggg..... 1
Gi2_11160046_x1.....gaGcgggagacgucgugggaac..... 1
Gi2_11164835_x1.....cgucgAgggaacacggggugccg..... 1
Gi2_11209098_x1.....ggaagGgaagcgccgucagggccccg..... 1
Gi2_11361831_x1.....ggCgacgucgugggaacacggggug..... 1
Gi1_4196769_x1.....gggGacacggggugccgaacu..... 1
Gi3_28416704_x1.....ucgugggaacacggggugccgaaA..... 1
Gi3_28345845_x1.....gaucgggagacgucgugggaacacgAg..... 1
Gi3_28580297_x1.....ucgggagacgucgugggaacaUggggg..... 1
Gi3_28908826_x1.....uUcgaucgggagacgucgugggaacacggg..... 1
Gi1_4253826_x1.....acgucgugggaaUacggggugccgaacu..... 1
G1a_6150928_x1.....gGgaagcgccgucagggccc..... 1
Gi2_11115504_x1.....aggccccgccaguacugcgauG..... 1
Gi3_28283734_x1.....gggagacgucgugUgaacacggggg..... 1
Gi3_28811831_x1.....acgGcuggggaacacggggugccgaa..... 1
Gi1_4273573_x1.....gggagacgucgugggaacacgggU..... 1
Gi3_28546490_x1.....gGcugcuggggaacacgggg..... 1
Gi1_4368496_x1.....cgugggCacacggggugcc..... 1
Gi2_11335064_x1.....gucaUgccccgccaguacug..... 1
Gi3_28470043_x1.....cagAcccgccaguacugcgga..... 1
Gi3_28671274_x1.....aguacugcgauccgagCcgucgug..... 1
Gi3_28595817_x1.....ccaguacugcgauccgagCcgucg..... 1
G1a_6232655_x1.....aucgggagacgucgugggaacacAgggugcc..... 1
Gi3_28923617_x1.....ggaacacgCggugccgaac..... 1

Gi3_28404328_x1...uuaacucguuccgaauuaAgaagagaagcgccguc..... 1
 Gi3_28545922_x1.....cgaucggagacgucguggA..... 1
 Gi3_28761120_x1.....cccgccagNacugcgauccgga..... 1
 Gl1a_6069437_x1.....cgucaggcAccgccaguacugc..... 1
 Gl1a_6333416_x1.....gaucggagGcgucgugggaacacggggugc..... 1
 Gi5_9131723_x1.....cguCggaacacggggugccgaacu..... 1
 Gi3_28851900_x1.....cagNccccgccaguacugcgauc..... 1
 Gi3_28608278_x1.....uAggagacgucgugggaacacgggg..... 1
 Gi3_28529192_x1.....acgucAugggaacacggggugc..... 1
 Gi2_11107956_x1.....cggagacgCcgugggaacacg..... 1
 Gi2_11150570_x1.....cgaucggagacgucgugCgaacacggg..... 1
 Gi5_8930406_x1.....ccUcgccaguacugcgauccggagacg..... 1
 Gi2_11366693_x1.....ggccccgccaguacugcCauc..... 1
 Gi2_11254872_x1.....gucgugggaaAacggggugccga..... 1
 Gi3_28505150_x1.....aUugcgauccggagacgucgug..... 1
 Gl1a_6014112_x1.....gGcaggccccgccaguacug..... 1
 Gi2_11029576_x1.....gucaggGccccgccaguacugc..... 1
 Gi2_11094707_x1.....gucguggUaacacggggugccgaacu..... 1
 Gi2_11114660_x1.....gucgugggCacacggggugccg..... 1
 Gl1a_6326986_x1.....gucaggccccgccaguCcugc..... 1
 Gi1_4217692_x1.....cgaucggagacgucgugggaacacg..... 0
 Gi2_11176483_x1.....caggcAccgccaguacugcg..... 1
 Gi2_11074241_x1.....cgccgucaggccccgccaguacC..... 1
 Gi3_28322465_x1.....aucggaAacgucgugggaacacggggugc..... 1
 Gi2_11225969_x1.....Gccccgccaguacugcgauccggagac..... 1
 Gi5_9062031_x1.....gacgucgugggaacacggggugUcgaac..... 1
 Gi1_4295959_x1.....ggagacgCcgugggaacacggggg..... 1
 Gl1a_6330985_x1.....gucgugggaacacggggugccgaCcu..... 1
 Gi2_10994439_x1.....aCuacugcgauccggagacgucgug..... 1
 Gi1_4217674_x1.....gagacgucgugggaacacggggugcU..... 1
 Gi3_28364328_x1.....aguacugcgauccggGgacg..... 1
 Gi3_28619928_x1.....aucggagacgucgugggaacGcggggugccgaacu..... 1
 Gi5_9112329_x1.....cCccaguacugcgauccggagacguc..... 1
 Gi3_28951396_x1.....gaucggagacgucgugggGacacggggug..... 1
 Gi3_28444630_x1.....ccccgccGguacugcgauccggagacgu..... 1
 Gi1_4181193_x1.....guggUaacacggggugccgaac..... 1
 Gi1_4236133_x1.....agaagcgccgucaggcccc..... 0
 Gi1_4245013_x1.....guacugcgauccAgagacgucg..... 1
 Gi3_28299099_x1.....gccGcgccaguacugcgauccggagacgu..... 1
 Gi3_28274293_x1.....ucgugggUaacacggggugc..... 1
 Gi3_28970210_x1.....aguacugUgaucggagacgu..... 1
 Gi2_11293689_x1.....acucguuccgaauuaggaCgagaagc..... 1
 Gi2_11370219_x1.....gaacacggCgugccgaacu..... 1
 Gi3_28548861_x1.....cCguacugcgauccggagacgucgug..... 1
 Gi3_28809779_x1.....gucgugggaacacggggugccUa..... 1
 Gi3_28479046_x1.....uacugcgauccggagacAuc..... 1
 Gi2_11315842_x1.....aggccccgccaguacugcCauc..... 1

Gi1_4190714_x1	.....aucggagacgucUugggaacacg.....	1
Gi1_4264513_x1	.....gagacgucguggUaacacggggugccgaacu.....	1
Gi3_28876506_x1	.....gCcgugggaacacggggu.....	1
Gi5_9115147_x1	.....aagagaagAgccgucaggcccc.....	1
Gi3_28899403_x1	.....cgccagAacucggaucggagac.....	1
Gi3_28620393_x1	.....ucaggccccCccaguaucgcgau.....	1
Gi3_28876507_x1	.....caggccccgccaguaGugcgau.....	1
Gi1a_6061559_x1	.....gugggaaUacggggugcc.....	1
Gi3_28532576_x1	.....cgucgugggaaGacggggugc.....	1
Gi2_11364411_x1	.....caggccccgccUuacug.....	1
Gi3_28593124_x1	.....aggccccgccaguacuUc.....	1
Gi3_28863190_x1	.....cccgccaguaucgUgau.....	1
Gi3_28849830_x1	.....cgccaguaucggaucggagacgCg.....	1
Gi5_9054952_x1	.....cgCcgugggaacacggggugccga.....	1
Gi5_8891951_x1	.....ggagacgucgugggaGcacggggugcc.....	1
Gi4_613587_x1	.....aucggagacgucgugggaacacg.....	0
Gi1a_6196312_x1	.....gaucggagacguAguggg.....	1
Gi3_28358273_x1	.....cgucaggccccAgccaguaucg.....	1
Gi2_11259521_x1	.....Ugaacacggggugccgaacuu.....	1
Gi1_4215504_x1	.....cgNagacgucgugggaacacggg.....	1
Gi5_8923862_x1	.....acCgcgaucggagacguc.....	1
Gi5_8935414_x1	.....aucggagacgucgugggaacacU.....	1
Gi3_28526652_x1	.....aagaAaagcgccgucaggccccgcc.....	1
Gi5_9039031_x1	.....aggcGccgccaguacugc.....	1
Gi1_4375157_x1	.....aggccccgccaguacugcgaAc.....	1
Gi5_9028471_x1	.....caggccccgccaguacugcAau.....	1
Gi3_28922613_x1	.....ggagacgucgugggaacacggggugccCa.....	1
Gi3_28930192_x1	.....gagacgucgugggaacacAgggg.....	1
Gi2_11372873_x1	.....aguacugcgauccggagacgC.....	1
Gi2_11404346_x1	.....ccccgcUaguacugcgauccggagacguc.....	1
Gi3_28417081_x1	.....ccccgcGguacugcgauccggagacgu.....	1
Gi5_9082662_x1	.....gacgCcgugggaacacggggugccgaacu.....	1
Gi5_8981697_x1	.....aCagaagcgccgucaggccccgccagu.....	1
Gi2_11039886_x1	.....caggccccgccaguacugcgauccggGg.....	1
Gi2_11081268_x1	.....auGggagacgucgugggaacacggggugc.....	1
Gi3_28981012_x1	.....cgucgugggaacacgCggugccga.....	1
Gi5_9028812_x1	.....agacgucgugggaacacggggugccgaa.....	0
Gi5_9075249_x1	.....gaucggagacgucgugggaacacA.....	1
Gi3_28285544_x1	.....cgucgugggaacacAgggugccgaa.....	1
Gi2_11184713_x1	.....cgugggaaAacggggugccga.....	1
Gi3_28611356_x1	.....ggagacgucgugAgaacacggg.....	1
Gi2_11063790_x1	.....gaucggagacgucgugggaGcacggggug.....	1
Gi2_11388428_x1	.....caguaucggaucggagaUgucgu.....	1
Gi2_11344786_x1	.....ugcgauccggagacgucgugggaacacggggugccg.....	0
Gi1a_6080479_x1	.....aucggagacgCcgugggaacacggg.....	1
Gi5_8913350_x1	.....aucggagacgucgugggaCcacggggugc.....	1
Gi1a_6212267_x1	.....cgugggaacacggggCgccgaac.....	1

Gi5_8919156_x1.....cagggcGcgccaguacug..... 1
 Gl1a_6260081_x1.....ggccccAccaguacugcg..... 1
 Gi2_11039983_x1.....cccgccaguacugcgCucggagacguc..... 1
 Gi1_4258049_x1.....gccaguacugcgauccggagacguc..... 0
 Gi2_11059342_x1.....ugggaacacggggAgccgaa..... 1
 Gi1_4236554_x1.....ggaacacggCgugccgaacu..... 1
 Gi5_9013082_x1.....cgugggaacacggAgugcc..... 1
 Gi3_28358584_x1.....gucaggccccgccaguacugUgauc..... 1
 Gi4_573284_x1.....gugggaacacggggugccgCac..... 1
 Gi3_28890897_x1.....ggccccUgccaguacugcgau..... 1
 Gi5_9033246_x1.....gugggaacacggggugAc..... 1
 Gi1_4335636_x1.....gugggaaAacggggugccg..... 1
 Gi5_9120124_x1.....cgucgugggaacacggggAgcc..... 1
 Gl1a_6025662_x1.....gaCcgagacgucguggga..... 1
 Gi3_28311594_x1.....cGggccccgccaguacugcgauccggagacg..... 1
 Gi5_8921649_x1.....cgucgugggaacacggggugccgC..... 1
 Gi2_11149812_x1.....cgauAggagacgucguggga..... 1
 Gi3_28787014_x1.....cccgccaguacugcAaucggagacgu..... 1
 Gi1_4329319_x1.....cgucaggccccgccaguacugcgauccgga..... 0
 Gi1_4337151_x1.....ggaacacgNggugccgaacu..... 1
 Gi3_28272354_x1.....cgAcaggccccgccagua..... 1
 Gi3_28360753_x1.....acugcgauccggUgacgucgug..... 1
 Gi2_11279178_x1.....guUgugggaacacggggugccgaa..... 1
 Gl1a_6342379_x1.....agagaagcAccgucagggcccc..... 1
 Gi5_8897427_x1.....gggaacacggggugcGgaac..... 1
 Gi3_28919793_x1.....gaagCgaagcgccgucagggccccgccagua..... 1
 Gl1a_6140283_x1.....gaacacggggugccgaGc..... 1
 Gi3_28353935_x1.....aggccccgccaguacugcAau..... 1
 Gi1_4300654_x1.....cggagacgucgugggaaAacggggg..... 1
 Gi2_11265792_x1.....gucgugggaacacggggugAcgaa..... 1
 Gi2_11091529_x1.....ccgccaAuacugcgauccgg..... 1
 Gi2_11252358_x1.....gggUacacggggugccgaa..... 1
 Gi3_28983574_x1.....agCacugcgauccggagacgucguggg..... 1
 Gi1_4304939_x1.....cggagacgucguUggaacacgggg..... 1
 Gi2_11012508_x1.....cccgccUguacugcgauccggaga..... 1
 Gi3_28466024_x1.....acucguuccgaauuaUgaagagaagcgccgu..... 1
 Gi3_28747323_x1.....gggUacacggggugccga..... 1
 Gi2_11176806_x1.....ggCacacggggugccgaac..... 1
 Gi2_11074853_x1.....gagaagcgccgucagggcccAgccaguac..... 1
 Gi2_11360093_x1.....aggccccgccGguacugcgauccggagacgu..... 1
 Gi2_11235612_x1.....cgucgugggaacacggggugcAgaac..... 1
 Gi2_11333214_x1.....aagcgccgucagAccccgccaguacugc..... 1
 Gi5_9113568_x1.....cgugggaacacgggAugccga..... 1
 Gi3_28477132_x1.....gaucggagacgucgugggaacacgggguAc..... 1
 Gi3_28612445_x1.....uNggaaacacggggugccgaa..... 1
 Gi5_9119231_x1.....aucggCgacgucgugggaacacggggg..... 1
 Gi3_28638042_x1.....gucgugggaacacAgggg..... 1

Gi5_9125365_x1.....ccgccUuacugcgauccgaga..... 1
 Gi5_8954181_x1.....ucCggccccgccaguacugcg..... 1
 Gi2_11106151_x1.....ccAgccaguacugcgaucc..... 1
 Gi1_4213839_x1.....cgccgucGggccccgccaguac..... 1
 Gi1_4181743_x1.....gaacacAgggugccgaacuu..... 1
 Gi2_11181111_x1.....Aaagcgccgucagggccccgccaguacugc..... 1
 Gi1_4360806_x1.....ugggaacacggggugccgaUcu..... 1
 Gi1_4190411_x1.....cgccaguacugcgauccgagacguU..... 1
 G1a_6319134_x1.....cgccgucagggccUcgccaguacugc..... 1
 Gi2_11407771_x1.....gucAugggaacacggggugcc..... 1
 Gi3_28733389_x1.....Gcgccaguacugcgauccgag..... 1
 Gi2_11242382_x1.....aagcAccgucagggccccgccaguacu..... 1
 Gi1_4270238_x1.....cgugggaacacggggAgccga..... 1
 Gi5_8908074_x1.....gccgucGggccccgccaguacugc..... 1
 Gi2_11210488_x1.....Cccaguacugcgauccgagacgucgug..... 1
 G1a_6085825_x1.....aUgagaagcgccgucagggccccg..... 1
 Gi3_28511785_x1.....gucgugggaacacUgggugccgaac..... 1
 Gi3_28778816_x1.....ugNgaacacggggugccgaac..... 1
 Gi1_4286372_x1.....cgugggaGcacggggugccgaacuu..... 1
 Gi2_11010182_x1.....cagggccccgccaguacCgcgauccg..... 1
 Gi3_28524435_x1.....gccaguacuAcgauccgagacg..... 1
 Gi3_28527332_x1.....Aagacgucgugggaacacg..... 1
 Gi3_28964779_x1.....gaagcgccgucagggccccgcca..... 0
 Gi3_28979467_x1.....aguacugcgaCcgagacgucgu..... 1
 Gi2_11186647_x1.....agacgucgugggaacacggggugUc..... 1
 Gi2_11135499_x1.....gucgugggaacacAgggugccg..... 1
 Gi1_4384370_x1.....Ucgauccgagacgucgugggaacacggggugc..... 1
 Gi2_11294388_x1.....cccgcAaguacugcgaucc..... 1
 Gi5_8885446_x1.....aucggagacgucgugAgaacacgg..... 1
 Gi5_9123941_x1.....gagacgucgugggaacacggggugccgGacu..... 1
 Gi3_28632582_x1.....aGgucgugggaacacggggugccg..... 1
 Gi2_11115918_x1.....aagagaagcgccgucagggccccgcccG..... 1
 Gi1_4327231_x1.....aucggagacguAgugggaacacg..... 1
 Gi3_28721942_x1.....cgucCugggaacacggggugc..... 1
 Gi1_4317129_x1.....aggccccgccaguacugcgauccggaAacg..... 1
 Gi3_28330497_x1.....acAgcgauccgagacgucgug..... 1
 Gi3_28305390_x1.....gaucUgagacgucgugggaacacgggg..... 1
 Gi2_11347618_x1.....cgucgugggaacacCgggug..... 1
 Gi5_8974345_x1.....ucggagacgucgugggaacacggggCgc..... 1
 Gi1_4180726_x1.....cagggccccgccaguacugcgGucg..... 1
 Gi5_9022115_x1.....cUggccccgccaguacugc..... 1
 Gi3_28302717_x1.....cgugggUacacggggugccgaa..... 1
 Gi2_11036839_x1.....gccccgcUaguacugcgauccg..... 1
 Gi5_8959021_x1.....gagacgucgugggaacCcgggugcc..... 1
 Gi3_28518537_x1.....Gggcgucagggccccgccagu..... 1
 Gi3_28282434_x1.....gcccgucagggccccgccaguacuAc..... 1
 Gi2_11142379_x1.....ucggaUacgucgugggaac..... 1

Gi2_11209591_x1.....ugggaacacgggguUccgaac..... 1
Gi5_8983057_x1.....cgucgugggaacacggggAgccga..... 1
Gi4_611535_x1.....cccgccaguacugcgGucggagacguc..... 1
Gi2_11059341_x1.....gacgucguAggaacacggggu..... 1
Gi3_28349619_x1.....ggUagagaagcgccgucagggccc..... 1
Gi2_11241806_x1.....aggccccgccaguacugcC..... 1
Gi3_28618146_x1.....ccccgccaguacugcgaCcgag..... 1
Gi5_9000891_x1.....acgucCugggaacacggggugccgaacu..... 1
Gi2_11115008_x1.....gucgugggUacacggggugccga..... 1
Gi2_11380506_x1.....ucggGgacgucgugggaacacggg..... 1
Gi3_28601197_x1.....gaagagaagcgccgucagggcAc..... 1
Gi2_10999098_x1.....agagaagcgccgCcaggg..... 1
Gi3_28654542_x1.ccuuaacucguAccgaau..... 1
Gi3_28831091_x1.....ucGggccccgccaguacugcgaucgg..... 1
Gi3_28892561_x1.....gccaguacugcgGucggag..... 1
Gi3_28931638_x1.....agagaagcAccgucagggccccgc..... 1
Gi3_28407366_x1.....aCaagcgccgucagggccccccaguacu..... 1
Gi3_28664889_x1.....aagcgccgucUggccccgccaguacugc..... 1
Gi2_11194019_x1.....aucggagacgucguggAaacacggggugccg..... 1
Gi2_11248778_x1.....cgucgugggaacacggggugccgGa..... 1
Gi5_9057325_x1.....acgucgugggaacacUgggugccgaacu..... 1
Gi2_11368706_x1.....cgaucggagacgucgugggaacacggggugcG..... 1
Gi2_11360452_x1.....aggccccgccaguacugcgaucggGgacgucg..... 1
G1a_6043156_x1.....acugcgaucggagacGcug..... 1
G1a_6311154_x1.....Gucggagacgucgugggaacacggggugc..... 1
Gi2_11070453_x1.....cCccaguacugcgaucggagacguc..... 1
Gi5_8877787_x1.....ugggGacacggggugccgaacuuu..... 1
Gi2_11308671_x1.....ccccgccaguacGcgaucgga..... 1
Gi2_11284162_x1.....aucggagacgucgugUgaacac..... 1
Gi2_11000540_x1.....gccccgccNguacugcgaucgg..... 1
Gi3_28582718_x1.....agaagcgccgucagggcUcgccaguacugcg..... 1
Gi3_28949240_x1.....gGagcgccgucagggccccccaguacu..... 1
Gi2_11037408_x1.....cagCacugcgaucggagacgucgu..... 1
Gi1_4231944_x1.....Gcagccccgccaguacugc..... 1
Gi2_11324768_x1.....Nccgccaguacugcgaucgg..... 1
Gi2_11362011_x1.....uacugcgaucggCgacgucgug..... 1
Gi1_4325068_x1.....gaacacggggugccgCacuu..... 1
Gi3_28284399_x1.....gucgugggaacacggggA..... 1
Gi4_592146_x1.....gUucggagacgucgugggaacacggg..... 1
Gi2_11347654_x1.....agacgucgugggaacacggggugccgaacuA..... 1
Gi3_28446800_x1.....cgucagggccccccagCacu..... 1
Gi3_28534514_x1.....acugcgaucggaAacguc..... 1
Gi2_11330403_x1.....Uccccgccaguacugcgaucggagacgu..... 1
Gi2_11303226_x1.....ugggaacacggggugccgCa..... 1
Gi3_28841717_x1.....ccccgccaguacugcgGucggag..... 1
Gi3_28822818_x1.....cgaucGgagacgucgugggaacacggggugc..... 1
Gi3_28734763_x1.....aucggagacgucgucGgaacacggggugcc..... 1

Gi3_28566720_x1.....ccgccaguacugcgauccggagaAguc..... 1
 Gi2_11168202_x1.....gugNgaacacggggugccgaa..... 1
 G1a_6242302_x1.....gaucggagacgucgugCgaacacggggg..... 1
 Gi5_9015061_x1.....gGgccgucaggccccgccaguacug..... 1
 Gi2_11120793_x1.....gacgucgugGaaacacggggugccgaacu..... 1
 G1a_6124709_x1.....Accaguacugcgauccggagacguc..... 1
 Gi3_28267789_x1.....cgauUggagacgucguggg..... 1
 Gi5_9113849_x1.....agacgucgugggaacacgggAugccgaacu..... 1
 Gi5_9137800_x1.....acgCcgugggaacacggggugcc..... 1
 Gi3_28569282_x1.....aacacggggugccgaaAuu..... 1
 Gi1_4313231_x1.....ugcgauCagagacgucguggga..... 1
 G1a_6299588_x1.....aggccccgccaguCcugcgauC..... 1
 Gi2_11403106_x1.....gaucggagacgucgugggaacUc..... 1
 Gi2_11110035_x1.....Uccgccaguacugcgauccggagacguc..... 1
 Gi2_11190670_x1.....ucggagacUucgugggaacacggggugc..... 1
 Gi2_11216467_x1.....cguggAaacacggggugccg..... 1
 Gi3_28338973_x1.....gucagggcAcgccaguacugcgauC..... 1
 Gi3_28947152_x1.....cgucaggccccgccaguG..... 1
 G1a_6115624_x1.....Gcgugggaacacggggugccgaacu..... 1
 Gi2_11387961_x1.....gaagcgccgucagggccccgccCua..... 1
 Gi3_28555076_x1.....cgagagacgucgugggGacacggggugccgaa..... 1
 Gi5_8916399_x1.....caggccccgccaguacugcAauc..... 1
 Gi1_4210269_x1.....cgugggaacacggggugccgaacG..... 1
 G1a_6071132_x1.....Cucggagacgucgugggaacacggggg..... 1
 Gi3_28286681_x1.....gccAcgccaguacugcgau..... 1
 Gi2_11164332_x1.....cgucGggccccgccaguacugcgauC..... 1
 Gi5_9061604_x1.....cgucgugggaacacggggugccgaCc..... 1
 Gi5_8937963_x1.....caguacugcgauccgCagacgucgug..... 1
 Gi3_28925185_x1.....cagCacugcgauccggagacgu..... 1
 Gi3_28841126_x1.....gccgucagggAccgccaguac..... 1
 Gi1_4278910_x1.....aucggagacguUgugggaacacggg..... 1
 Gi3_28441725_x1.....gcgGucggagacgucgug..... 1
 Gi3_28924644_x1.....gaagUgaagcgccgucagggccccgccagu..... 1
 Gi1_4288682_x1.....agaagcgccgucagggccccgccaguacugcgU..... 1
 Gi3_28886827_x1.....ccaguGcugcgauccggagacgucgug..... 1
 Gi5_9103142_x1.....ccgucagggAccgccaguacugcg..... 1
 Gi2_11001341_x1.....cgucgugggaUcacggggugccg..... 1
 Gi5_8888997_x1.....aacacAgggugccgaaauuu..... 1
 Gi3_28643274_x1.....caguacugcgauccggagacgucgA..... 1
 G1a_6022644_x1.....aUagaagcgccgucagggccccgccagu..... 1
 Gi2_11039480_x1.....gcgauccggagacgucguAggaaca..... 1
 Gi5_8972396_x1.....ugggaacacgggAugccgaacu..... 1
 Gi2_11361845_x1.....cgucgugggaacacUggggugccg..... 1
 Gi5_8843946_x1.....aucggagacgucgCgggaaca..... 1
 Gi5_9035495_x1.....gugggaacacggUgugcc..... 1
 Gi1_4359000_x1.....aucggagUcgucgugggaacacggggg..... 1
 G1a_6088418_x1.....aucggCgacgucguggga..... 1

Gi1_4361219_x1.....ucgugggaaacacggAgugc..... 1
 Gi2_11360641_x1.....gugggaacacgAggugccga..... 1
 Gi3_28961274_x1.....gucaUgccccgccaguacug..... 1
 Gi1_4185100_x1.....gacgCcgugggaaacacggggugccgaacu..... 1
 Gi3_28527279_x1.....gccgucagggcUcgccaguacugc..... 1
 Gl1a_6089179_x1.....cgugggUacacggggugc..... 1
 Gi5_8891410_x1.....acgucgugggaGcacggggugccg..... 1
 Gi3_28791712_x1.....agagaagcgccgucagggUcccg..... 1
 Gi3_28920226_x1.....gaagagaagcAccgucagggccccgc..... 1
 Gi2_11237307_x1.....gaucggagCcgucgugggaaca..... 1
 Gi1_4162509_x1.....cgAcgugggaaacacggggugccgaac..... 1
 Gi2_11370550_x1.....ugggaacaGggggugccga..... 1
 Gi3_28403170_x1.....gucagggccccgccaguacugcA..... 1
 Gi3_28660958_x1.....cgugggaacacggAgugccg..... 1
 Gi3_28932592_x1.....ggccccgccaguacGgcga..... 1
 Gl1a_6157031_x1.....acugcgGucgggagacguc..... 1
 Gi2_11149538_x1.....acgucgugggaacacggggugUcgaacu..... 1
 Gi2_11395947_x1.....gcUaguacugcgauccggagacgu..... 1
 Gi3_28756311_x1.....gaagagaagcgccgucagggcccAgc..... 1
 Gi3_28284025_x1.....Aaagagaagcgccgucagggcc..... 1
 Gi3_28984451_x1.....gagaagcgccgucUggccccgc..... 1
 Gi1_4185292_x1.....gugggaUcacggggugcc..... 1
 Gi3_28835643_x1.....gagaagcgccgucagggUcccg..... 1
 Gi2_11155939_x1.....aucggagacguGgugggaacacggggugc..... 1
 Gi3_28508441_x1.....gggaacacggggugccgU..... 1
 Gi3_28510906_x1.....gccaCcgagacgucgugggaacacggggugcc..... 1
 Gi3_28300793_x1.....cccgccaguacugcgCucgggagacguc..... 1
 Gi3_28656294_x1.....acNgcgauccggagacgucgug..... 1
 Gi2_11394890_x1.....gucagAccccgccaguacugcgau..... 1
 Gl1a_6004077_x1.....Ccgauccgggagacgucgu..... 1
 Gl1a_6117844_x1.....agagaaAcgcccgucagggccc..... 1
 Gi5_8929604_x1.....aCgggagacgucgugggaacacggggugc..... 1
 Gi2_11143376_x1.....gcgGucgggagacgucguggga..... 1
 Gi3_28840271_x1.....acacggggugccgaGcuu..... 1
 Gi3_28392407_x1.....cUuuccgaauuaggaagagaagcgccguc..... 1
 Gi3_28365121_x1.....gauUgggagacgucguggga..... 1
 Gi3_28708100_x1.....caggccccgccaguacGgcgauc..... 1
 Gi3_28358039_x1.....acgucgugNgaacacggggugccgaa..... 1
 Gi5_8899371_x1.....gccaguacugcgaCgggagacguc..... 1
 Gi3_28785305_x1.....gccaguacugcgauccgAagacgu..... 1
 Gi3_28745203_x1.....acugcgaCcggagacgucgu..... 1
 Gi1_4287734_x1.....aacacggggGgcccgaacu..... 1
 Gl1a_5984356_x1.....ccaguacuCcgauccgggagacguc..... 1
 Gi3_28306602_x1.....cgucgugUgaacacggggugcc..... 1
 Gi3_28686044_x1.....cccgccaguacCcgauccgggagac..... 1
 Gi3_28708724_x1.....gaagagaagcgccgucagggcUcgc..... 1
 Gi4_610818_x1.....agacgucAugggaaacacggggugccgaacu..... 1

Gi2_11000973_x1.....cgugggaacacggCgugccga..... 1
Gi3_28651294_x1.....gaacacggggugccgaacuC..... 1
Gi3_28565111_x1.....cccGcaguacugcgauccgagacgu..... 1
Gi2_11298505_x1.....gacAucgugggaacacggggugccg..... 1
Gi2_11164527_x1.....cgauccgagacgucGgg..... 1
G1a_6115828_x1.....cgucgugggaacacggggugccgaacG..... 1
Gi2_11291650_x1.....aguacugcgauccgagacguUg..... 1
Gi3_28495473_x1.....cCccgucagggcccgcagacuacugc..... 1
Gi2_11220918_x1.....aagcgccgucagggcccgcAuaucugc..... 1
Gi1_4309413_x1.....ucgugggaacacggAgugcc..... 1
Gi5_9046077_x1.....Accccgccaguacugcgauc..... 1
Gi2_11122628_x1.....Ugauccgagacgucgugg..... 1
Gi3_28719795_x1.....gaagUgcccucagggcccgc..... 1
Gi3_28335103_x1.....gaagagaagcgccgucagggAcccgc..... 1
Gi5_8861773_x1.....cguAgugggaacacggggugc..... 1
Gi2_11005262_x1.....ucgNagacgucgugggaacacggggugcc..... 1
Gi1_4222764_x1.....agacgucgugggaacacggggCgccc..... 1
Gi3_28385691_x1.....acuAcgauccgagacguc..... 1
Gi4_581357_x1.....gggGacacggggugccgaacu..... 1
Gi3_28492933_x1.....aUugcgauccgagacgucgu..... 1
G1a_6060216_x1.....aauuaggaGgagaagcgccguc..... 1
Gi2_11308113_x1.....ucagUccccgccaguacugcg..... 1
Gi2_11306672_x1.....cgucagggcccgcUaguac..... 1
G1a_6040532_x1.....gacguAgugggaacacggggugccgaac..... 1
Gi3_28756253_x1.....aggccccgccaguacugcgaucA..... 1
Gi2_11390185_x1.....ggagacgucgugggaacacgAggu..... 1
Gi1_4308898_x1.....ggagacgucAugggaacacggggugcc..... 1
Gi2_11273739_x1.....uNggaaacacggggugccgaac..... 1
Gi2_11332273_x1.....aggccccgAcaguacugcg..... 1
Gi3_28545280_x1.....cgGcaguacugcgauccgagacgu..... 1
Gi2_11106863_x1.....cgauccgGgacgucgugg..... 1
Gi5_8837866_x1.....ugggaacacggggugccgaCcuuu..... 1
Gi1_4246421_x1.....agacgucgugggaGcaccggggugccgaac..... 1
Gi2_11242630_x1.....ucggagaUgucgugggaaca..... 1
Gi5_8851453_x1.....cgucgugggaacacgAggugcc..... 1
Gi5_8901159_x1.....gucgugggaacacggggugccgCac..... 1
Gi2_11267082_x1.....cgucgugggaacacggCgugccg..... 1
Gi2_11342415_x1.....agagaagUcccgucagggccc..... 1
Gi1_4368174_x1.....agacgucgugggaacacggggugccgaacu..... 0
Gi4_613890_x1.....gugggaacacggggugccgaaUu..... 1
Gi5_9128444_x1.....aucUgagacgucgugggaacacggggugc..... 1
Gi3_28264933_x1.....aggccccgccaguacugcgauAgga..... 1
Gi3_28821181_x1.....cgucagUccccgccaguacug..... 1
Gi3_28368727_x1.....gagacguUgugggaacacggggugcc..... 1
Gi2_11304069_x1.....caguacugcgauccgagacgucA..... 1
Gi3_28886264_x1.....Cgagacgucgugggaacacggggugccgaa..... 1
Gi3_28894534_x1.....ucagggcccgcAguacugc..... 1

Gi2_11277606_x1.....aggccccgccagAACugcgau..... 1
Gi3_28832504_x1.....Ccgccgucagggccccgccagu..... 1
Gi3_28349692_x1.....aucNgagacgucguggga..... 1
G1a_6012406_x1.....Ugccccgccaguacugcgauccggagacguc..... 1
Gi1_4287073_x1.....cggagacgucgugggaaAACggggugcc..... 1
Gi2_11275693_x1.....gugggaaacaAggggugccg..... 1
Gi1_4305659_x1.....aggccccgccaguacugcgauccggagacguc..... 0
Gi2_11154462_x1.....gcgauccggagGcgucgugggaaacacggggugc..... 1
Gi5_8902340_x1.....cUgagacgucgugggaaacacggggugccgaacu..... 1
Gi2_11157811_x1.....cugcgauccgAagacgucgugggaaacacg..... 1
Gi1_4170861_x1.....ggagacguGgugggaaacacggggugcc..... 1
Gi2_10995743_x1.....acgucgugggaaacacggggugcAgaac..... 1
Gi5_9114184_x1.....ucgugggaaacacggggugccgaaGu..... 1
Gi3_28863567_x1.....gauccgagacgucgugggaaacacggg..... 1
Gi5_8902033_x1.....caggccccgccaguacugAg..... 1
Gi2_11366340_x1.....ccaguacugcAaucggagacguc..... 1
Gi1_4214499_x1.....ucgugggCacacggggugccg..... 1
Gi2_11179369_x1.....auUggagacgucgugggaaac..... 1
Gi1_4263671_x1.....gccgucagggccccgccaguacugcg..... 0
Gi3_28641962_x1.....cccgcUaguacugcgaucc..... 1
Gi3_28370863_x1.....cgauccAgagacgucgugggaaacacgg..... 1
Gi2_11177803_x1.....agacgucgugggaaacacggggugccAaac..... 1
Gi1_4238778_x1.....aucggagacgucGagggaaacacgggg..... 1
Gi3_28550189_x1.....gucgugggaaacacggggugccgaUcu..... 1
Gi3_28664326_x1.....caggccccgccaguacugcgUucggaga..... 1
Gi3_28833409_x1.....gcgauccggagacgucgugggaaGc..... 1
Gi2_11359160_x1.....ggccccgccaguacugUgauc..... 1
Gi1_4239204_x1.....gaUgucgugggaaacacggggugccgaac..... 1
Gi3_28323104_x1.....cgucgugggGacacggggg..... 1
Gi3_28762678_x1.....gauccggagacgucAugggaacacggggugc..... 1
Gi1_4212251_x1.....cgucagggccccgccaguCucgcg..... 1
Gi2_11096317_x1.....gugggaaacacggggUugccgaacu..... 1
Gi4_593273_x1.....cgucgugggaaacacggggugccgaaGu..... 1
Gi3_28430072_x1.....aagcgcAgucagggccccgccaguacugc..... 1
Gi3_28856270_x1.ccuAaacucguuccgaaau..... 1
Gi2_11272147_x1.....gccauUacugcgauccgga..... 1
Gi5_8969832_x1.....uaUgaagagaagcgccgucagggcc..... 1
Gi3_28832779_x1.....cggagaUgucgugggaaacac..... 1
Gi3_28417452_x1.....ucgugggaaacaUggggugcc..... 1
Gi3_28479003_x1.....gucagggccccgccaguacugcgauccggag..... 0
Gi3_28262362_x1.....aguaGugcgauccggagacgu..... 1
G1a_6139070_x1.....Gaggccccgccaguacugcgaucc..... 1
G1a_6107658_x1.....cggagacgucgugggaaUcacggg..... 1
Gi3_28746855_x1.....gaagagaagcgccgucagggcccUgccag..... 1
G1a_6350034_x1.....ucggagacNucgugggaaacacg..... 1
Gi1_4280715_x1.....cgucgugggaaacacggAgugcc..... 1
Gi3_28291596_x1.....uacuCcgauccggagacguc..... 1

Gi5_9051358_x1.....gaacacggggGgccgaac..... 1
 Gi2_11118343_x1.....ccccgccaguaAugcgauccg..... 1
 Gi3_28277897_x1.....ccgccaguaucugcgCucggagac..... 1
 Gl1a_6147459_x1.....aucggagGcgucguggga..... 1
 Gi2_11263856_x1.....acCcgguuccgaauuaggaa..... 1
 Gi3_28830978_x1.....cggagaUgucgugggaacacggg..... 1
 Gi3_28597326_x1.....cgaucggagacgucgugggaUacg..... 1
 Gi3_28979851_x1.....aagagaagcAccgucagggccccgccagu..... 1
 Gi3_28762700_x1.....gccguUaggccccgccagu..... 1
 Gi2_11148033_x1.....cccCccaguaucugcgauccggagac..... 1
 Gi3_28611189_x1.....aguacugcgauUgagacguc..... 1
 Gi1_4260934_x1.....gaacacggggugcUgaac..... 1
 Gi3_28932077_x1.....gccccgccCguacugcgauccggagacguc..... 1
 Gi3_28790007_x1.....ucgugggaacacgggCugccgaac..... 1
 Gi3_28987897_x1.....cgCuccgaauuaggaagagaagcgccguc..... 1
 Gi3_28650648_x1.....aguacugcgauccggagacAucgug..... 1
 Gi3_28774148_x1.....cAcgccaguaucugcgauccggagacgucgug..... 1
 Gi2_11375706_x1.....gUgacgucgugggaacacggggugccgaa..... 1
 Gi3_28678842_x1.....gucgugggaacacggggUAc..... 1
 Gi2_11172251_x1.....gaucCgagacgucgugggaacacggggg..... 1
 Gi2_11200557_x1.....aggcGccgccaguaucugcgauccgga..... 1
 Gi5_8889438_x1.....gccgucagNccccgccaguaucg..... 1
 Gi3_28969334_x1.....gaucggagacguUgugggaacac..... 1
 Gi2_11053744_x1.....ccagGacugcgauccggag..... 1
 Gl1a_6071780_x1.....gugggaacUcggggugcc..... 1
 Gi2_11237777_x1.....agacgucgugggaacacggggCgccg..... 1
 Gl1a_6199634_x1.....ggccccgccCguacugcg..... 1
 Gi3_28473882_x1.....ggccccgGcaguaucugcgauccggagac..... 1
 Gi2_11064052_x1.....gacgucgugggaacGcgg..... 1
 Gi1_4226661_x1.....cgugggaacGcggggugccga..... 1
 Gi1_4161799_x1.....gugAgaacacggggugcc..... 1
 Gi3_28643150_x1.....cgauGggagacgucgugg..... 1
 Gi5_9078119_x1.....ugggaacaGggggugccgaacu..... 1
 Gi3_28797821_x1.....cgaucggagacgucgugAg..... 1
 Gi3_28438187_x1.....cgucguAggaacacgggg..... 1
 Gi3_28946692_x1.....gaucggagacgucguggCaacacggg..... 1
 Gi5_9040929_x1.....aagagaagcgccgucagggcccUgcca..... 1
 Gi2_11175233_x1.....gucgugggaacacggggugccUa..... 1
 Gl1a_6041051_x1.....ggagGcgucgugggaacacggggugcc..... 1
 Gi3_28958165_x1.....aagagaaAcgccgucagggccccgcca..... 1
 Gi3_28966487_x1.....aucggagacgucgugggC..... 1
 Gi5_9052346_x1.....aucggagacgucgugggaacCcg..... 1
 Gi1_4360144_x1.....ucaggccccgccGguacugcgauccgga..... 1
 Gi1_4343112_x1.....ggUaacacggggugccgaacu..... 1
 Gi2_11139457_x1.....cggagacgucgugggaacaUggggugc..... 1
 Gi3_28744634_x1.....gccgucagggcccUgccaguaucg..... 1
 Gi2_11386542_x1.....aagcgccgucagUccccgccaguaucg..... 1

Gi2_11092207_x1.....cgucgugAgaacacggggug..... 1
Gi2_11180538_x1.....agUgccgucagggccccgccaguacugc..... 1
Gi2_11030689_x1.....gucgugggaacacggggugccCaac..... 1
Gi5_8857890_x1.....Ggcgccgucagggccccgccaguacugcga..... 1
Gi5_9083808_x1.....agacgucAugggaacacggggugccgaac..... 1
G1a_6141530_x1.....cccgccaguacugcgaucggagaUguc..... 1
Gi1_4247374_x1.....gagacgucgugggaacacggggugccgUacu..... 1
Gi1_4214663_x1.....agcgcgcgucagggccccgccGguacugc..... 1
Gi2_11130811_x1.....cagggUccgccaguacugcgau..... 1
Gi3_28447587_x1.....cggagCcgucgugggaacacggggugccga..... 1
Gi1_4298753_x1.....gagGcgucgugggaacacggggugcc..... 1
Gi3_28956126_x1.....gaucggaAacgucgugggaacacgggg..... 1
Gi2_11024670_x1.....cgucgugggaacacggggugccgaGc..... 1
G1a_6040698_x1.....aucggagacgucgugggaacCcggggug..... 1
Gi5_9016347_x1.....cgccaguacugcgaucggCgacgu..... 1
G1a_6051007_x1.....gaacacggggugccgaacG..... 1
Gi2_11363778_x1.....aagcgccgCcagggccccgccaguacugc..... 1
Gi1_4182043_x1.....gacguUgugggaacacggggugccgaacu..... 1
Gi3_28651090_x1.....agacgucguggAaacacggg..... 1
Gi2_11058282_x1.....cgggagacgucgugggaacacgggCg..... 1
G1a_6309359_x1.....ggUgacgucgugggaacacggggugc..... 1
Gi2_11003931_x1.....aagagaagcgccgucagggccccgccaAu..... 1
Gi3_28580687_x1.....cguggAaacacggggugc..... 1
Gi3_28808487_x1.....gaucgAagacgucgugggaacacggggugcc..... 1
Gi5_9108470_x1.....ugggaacacggggugccgaCc..... 1
Gi1_4199774_x1.....Ugacgucgugggaacacgggg..... 1
Gi1_4351084_x1.....ucagggccccgccaguacugcgCucgga..... 1
Gi3_28873933_x1.....cgggagacgucguggUaacacggg..... 1
Gi4_577620_x1.....aucggagacgucgCgggaacacgggg..... 1
Gi2_11168519_x1.....gaucggagacgucgGgggaacacgggg..... 1
Gi3_28862545_x1.....aguacugcgauacgAagacgucgug..... 1
Gi2_11028325_x1.....gacgucgugggaaUacggggugccgaacu..... 1
Gi2_11178569_x1.....gGcgucgugggaacacggg..... 1
Gi3_28731748_x1.....cccgccGguacugcgaucggagacguc..... 1
Gi2_11350957_x1.....Ggucagggccccgccaguacugcgauccg..... 1
Gi3_28277102_x1.....ucgugggaacacggggugccCaacu..... 1
Gi2_11123606_x1.....aagcgccgucagggccccgccCguacu..... 1
Gi2_11068911_x1.....cagggUcccgccaguacugcgau..... 1
Gi3_28646626_x1.....acAgcgauacggagacgucg..... 1
Gi1_4220712_x1.....aucggagacgucAugggaacacgg..... 1
Gi2_11237570_x1.....aggccccgccaguacugcgUucggagac..... 1
Gi1_4293761_x1.....aucggagacgucgugggaacacggggC..... 1
Gi2_11067577_x1.....aguacuCcgauacggagacgu..... 1
Gi3_28524068_x1.....aagcgccgucaCgccccgccagua..... 1
Gi1_4212993_x1.....ggccccCccaguacugcgaucggagacg..... 1
Gi2_11134665_x1.....agaagcgccgucagggcccUgccaguac..... 1
Gi2_11312041_x1.....gaucggagacguGugggaacacggggugc..... 1

Gi2_11062542_x1.....aguacugcgauccggagacguAg..... 1
 Gi2_11293778_x1.....ucaggccccgccaguacugcgaucaAga..... 1
 Gi2_11115538_x1.....aucggUgacgucgucguggaacacggggugcc..... 1
 Gi5_9076571_x1.....gaagcgcUgucaggccccgccagua..... 1
 Gi3_28762733_x1.....agagaagcgccgcGcaggccccg..... 1
 Gi1_4252124_x1.....caAgccccgccaguacugc..... 1
 Gl1_6314884_x1.....gugggaacacgggguCccgaacu..... 1
 Gi1_4301382_x1.....gGgaucggagacgucgucguggaaca..... 1
 Gi3_28459604_x1.....ccccgccaguacugcgUucggagac..... 1
 Gi3_28336443_x1.....caguacugcAaucgggagacgucgu..... 1
 Gi3_28978927_x1.....gccaguacugcgauccggC..... 1
 Gi1_4389094_x1.....gaUcacggggugccgaac..... 1
 Gi2_10996233_x1.....Ggagaagcgccgucagggccccgca..... 1
 Gi5_8844882_x1.....aGgucgugggaaacacggggugccga..... 1
 Gi1_4289869_x1.....cgugggaacacggggugccAa..... 1
 Gl1_6006199_x1.....Uaucggagacgucgucguggaacacggggugc..... 1
 Gi3_28420836_x1.....aguacugAgaucggagacgucgug..... 1
 Gi1_4378067_x1.....gucgugggaaacacgggguCccgaacu..... 1
 Gi2_11041956_x1.....cgccGguacugcgauccggagacg..... 1
 Gi5_8947795_x1.....gaacacggggugccgaGc..... 1
 Gi1_4335346_x1.....aucggagacgucgucguggaacaAg..... 1
 Gi1_4282194_x1.....aGcacggggugccgaacu..... 1
 Gi2_11403739_x1.....cccUgccaguacugcgau..... 1
 Gl1_6336557_x1.....ucgugggaacacggggugccgaGc..... 1
 Gl1_6052898_x1.....agUgaagcgccgucagggccc..... 1
 Gi3_28738715_x1.....ucgugggaacaAggggugccgaac..... 1
 Gi5_8900473_x1.....aagagaagcgccgucagggccUcgcca..... 1
 Gi1_4302833_x1.....ggagacgucgucguggaCcaccggggugcc..... 1
 Gi3_28577996_x1.....ucgAgggaaacacggggugc..... 1
 Gi5_8895196_x1.....acgucguUggaacacggggugccga..... 1
 Gi3_28683181_x1.....aguacugcgauccggagacgucC..... 1
 Gi4_582972_x1.....Agccaguacugcgauccggagacgucgug..... 1
 Gi1_4318897_x1.....gaacacUgggugccgaacu..... 1
 Gi3_28356747_x1.....gacgucgugggaacacgA..... 1
 Gi3_28659872_x1.....cggagacgucgucguggaacGcgggg..... 1
 Gi2_11036966_x1.....gaagcgcgucagggccccgccCguacugc..... 1
 Gl1_6025976_x1.....aucggagacgucgucguggGaac..... 1
 Gi3_28682308_x1.....cgccUucaggccccgccagu..... 1
 Gi3_28644046_x1.....cUgccaguacugcgauccggagacgu..... 1
 Gi3_28540993_x1.....ggagacgucgucguggaacaUggggu..... 1
 Gi5_9038618_x1.....ugcgauccggagacguGguggg..... 1
 Gi5_9097358_x1.....ugggUacacggggugccgaac..... 1
 Gi4_609391_x1.....ugggaacacAgggugccgaacu..... 1
 Gl1_6272080_x1.....ggaacacAgggugccgaac..... 1
 Gl1_6167277_x1.....acugcgauccggagacgCc..... 1
 Gi2_11163239_x1.....ucgugggaacaGggggugccgaac..... 1
 Gi1_4260701_x1.....caggccAcgccaguacugcgau..... 1

Gi2_11396629_x1.....aucggCgacgucguggaac..... 1
 Gl1a_6142167_x1.....aagagaagcgccgucGggc..... 1
 Gi2_11040358_x1.....aagcgccgucagggcccAgccaguac..... 1
 Gi2_11126230_x1.....gaucggagacgucgAgggaacacgg..... 1
 Gi2_11010522_x1.....ugggaacacggggCgccgaacuu..... 1
 Gi2_11197139_x1.....aucggagacgucguggaacUcggggugc..... 1
 Gi1_4322613_x1.....agacgucguggaacacggAgugcc..... 1
 Gi2_11384329_x1.....ggccccgccaguacugcgauccgagagaAg..... 1
 Gl1a_6080951_x1.....acgucgCgggaacacggggugccgaacu..... 1
 Gi1_4367624_x1.....cgucgugggaacacggUgugcc..... 1
 Gi3_28788346_x1.....cgugggaacacAgggugc..... 1
 Gi5_8902953_x1.....gugggaaGacggggugccgaac..... 1
 Gi2_11226956_x1.....cccgUcaguacugcgaucc..... 1
 Gi2_11146999_x1.....gUucggagacgucguggaacacgg..... 1
 Gi5_8994114_x1.....aucggagacgucgugggaaAacggggugccgaacu..... 1
 Gi2_11045764_x1.....acgucgugggaacacggggugccgaaUu..... 1
 Gi2_11069077_x1.....ugggaacacgAggugccgaacuu..... 1
 Gi5_8872636_x1.....gcgcccugcagggccUcgccaguacug..... 1
 Gi3_28830050_x1.....gcgaucggagacAucgugggaacacggg..... 1
 Gi2_11320009_x1.....gaCcgagacgucgugggaacacgg..... 1
 Gi3_28326550_x1.....gccgucaggUcccgccaguacu..... 1
 Gi3_28459843_x1.....gucaggccccgccagAacugc..... 1
 Gi3_28924618_x1.....agUagcgccgucagggccccccagua..... 1
 Gi5_9116794_x1.....caggccccgccaguGcug..... 1
 Gi3_28796761_x1.....aucggagacgucgugggaaGc..... 1
 Gi2_11252934_x1.....ucgugggaacacggggCgcc..... 1
 Gi2_11150037_x1.....aucggagacgucgAgggaaca..... 1
 Gi5_8914320_x1.....ucggaucggagacgucgCg..... 1
 Gi3_28948947_x1.....aguacugcgCucggagacg..... 1
 Gi3_28385969_x1.....agaagcgccguAaggccc..... 1
 Gi1_4208446_x1.....Ugucaggccccgccaguacugc..... 1
 Gi5_9021301_x1.....ggccccgcUaguacugcgaucc..... 1
 Gi3_28891924_x1.....ucaggccAcgccaguacugcgaucc..... 1
 Gi1_4337490_x1.....gaUgagaagcgccgucagggccccccagu..... 1
 Gi2_11171325_x1.....agGgaagcgccgucagggccccccaguacug..... 1
 Gi2_11284205_x1.....aucggagacgucgCggaacacggg..... 1
 Gi3_28667627_x1.....aucggagacgucgugCgaacacg..... 1
 Gi3_28466446_x1.....cgCugucaggccccgccagu..... 1
 Gi3_28985380_x1.....Aagacgucgugggaacacggggugccgaacu..... 1
 Gi2_11304645_x1.....acugcgauccgagagaUgucgugg..... 1
 Gi3_28322913_x1.....agaaUcgccgucagggccccccagu..... 1
 Gi4_581781_x1.....cgucaggccccgccaguacugA..... 1
 Gi1_4199689_x1.....acgucgugAgaacacggggugccgaac..... 1
 Gi1_4198892_x1.....aagcgccgucagggccccAccaguacug..... 1
 Gi3_28728328_x1.....cgGcgucagggccccccaguacugc..... 1
 Gl1a_6013434_x1.....caguacugcgauccgagac..... 1
 Gi3_28984791_x1.....cAcgccaguacugcgaucc..... 1

Gi2_11230470_x1.....acugcgauccgagacgucgugggaaAa..... 1
 Gi2_11170750_x1.....gacgucgugggaacaGggggugccgaacu..... 1
 Gl1a_6220950_x1.....ugcgauccgAagacgucgu..... 1
 Gi1_4311153_x1.....aGgucgugggaacacggggugccga..... 1
 Gi2_11009250_x1.....aGcggagacgucgugggaacacggggugccg..... 1
 Gi2_11240439_x1.....gccccgAcaguacugcgaucc..... 1
 Gi5_8961626_x1.....cgucgugggaacacggggGcg..... 1
 Gi5_9123992_x1.....gggUacacggggugccgaac..... 1
 Gi3_28289234_x1.....Cucagggccccccaguacugcgaucc..... 1
 Gi1_4248102_x1.....acgCcgugggaacacggggugccg..... 1
 Gi1_4317479_x1.....cgugggaCcacggggugccga..... 1
 Gi3_28316184_x1.....caguacugcUaucggagacguc..... 1
 Gl1a_6065618_x1.....gggaacacggggugccgCac..... 1
 Gi3_28955330_x1.....gacgucguggggCacacggggugccgaac..... 1
 Gi5_9129210_x1.....cucguuccgaaauaggaagagaagcgc..... 0
 Gi5_9111872_x1.....gugggaacacggggugccAaa..... 1
 Gi3_28639233_x1.....cgucguggCaacacggggugccgaac..... 1
 Gi3_28819830_x1.....ucggagacgucguggggGacac..... 1
 Gi3_28626711_x1.....gaGcggagacgucgugggaacacggggugc..... 1
 Gl1a_6121270_x1.....agagaagcgccgCcaggcccc..... 1
 Gi2_11065960_x1.....cccAccaguacugcgauccgagacguc..... 1
 Gi3_28850667_x1.....agaCcgcccgucagggccccgcca..... 1
 Gi2_11236126_x1.....cgaCcgagacgucgugggaacacggg..... 1
 Gi3_28932784_x1.....gucagAcccgccaguacugc..... 1
 Gi5_8964934_x1.....gagaagcgccgucagggccccgccaguGcugc..... 1
 Gi1_4317130_x1.....caggcUccgcccaguacugc..... 1
 Gi2_11311505_x1.....cccgccaguacuUcgauccg..... 1
 Gi1_4348974_x1.....caggccccAccaguacugc..... 1
 Gi3_28952744_x1.....gucagggcUcgccaguacugcgauccg..... 1
 Gi2_11298093_x1.....agaagcgccgucCggccccgccc..... 1
 Gi3_28276988_x1.....ggccccgcUaguacugcgauccgga..... 1
 Gl1a_6113765_x1.....gugggaaUacggggugccgaac..... 1
 Gi2_11117463_x1.....cguUgugggaacacggggugc..... 1
 Gi3_28802779_x1.....ggccccgcccaguacugAgauccg..... 1
 Gi5_9131054_x1.....agacgucgNgggaacacggggugc..... 1
 Gi5_8838736_x1.....caggAcccgccaguacugc..... 1
 Gl1a_6153746_x1.....caUgccccgcccaguacugcgau..... 1
 Gi3_28908845_x1.....cguAgugggaacacggggugccgaac..... 1
 Gi1_4250089_x1.....aguacugcgauccgagacgucgu..... 0
 Gi2_11349131_x1.....cgUcgucagggccccgccagu..... 1
 Gi2_11262405_x1.....cgucgugggaacaUggggugccg..... 1
 Gi2_11336807_x1.....cgNcugugggaacacggggugccga..... 1
 Gi1_4363205_x1.....gaacacCgggugccgaacu..... 1
 Gi3_28381081_x1.....ucaggcAcccgccaguacug..... 1
 Gi2_11400757_x1.....ccccgcccaguacugcgauccgagGcg..... 1
 Gi2_11072620_x1.....cgccaguacugcgauccgagacgucU..... 1
 Gi5_9085664_x1.....gaucggagacgucgugggaacaAggg..... 1

Gi3_28690045_x1.....Auacugcgauccggagacguc..... 1
 Gi3_28614813_x1.....gucgugggaacaUggggugccg..... 1
 Gi3_28328078_x1.....acacggggugccgaacuA..... 1
 Gi1_4235849_x1.....Accgucaggccccgccaguacu..... 1
 Gi3_28613049_x1.....ggaacacggggugccCaacu..... 1
 Gi3_28974497_x1.....gacgucgugggaacacggAgugccgaac..... 1
 Gl1a_6260743_x1.....cgugggCacacggggugccgaacu..... 1
 Gi1_4213093_x1.....Augggaacacggggugcc..... 1
 Gi5_8911070_x1.....Aaucggagacgucgugggaacacgggu..... 1
 Gi2_11321304_x1.....caguacugcgGucggagacguc..... 1
 Gi2_11036928_x1.....ucggagacgucgugggaacaUggggu..... 1
 Gi3_28344063_x1.....cgggagacgCcgugggaacacggggugccgaacu..... 1
 Gi2_11114112_x1.....caggccccgccaguacugG..... 1
 Gi3_28479734_x1.....gagacgucgugggaUcacgggu..... 1
 Gi3_28399668_x1.....gCucggagacgucgugggaacacggggugc..... 1
 Gi2_11226058_x1.....aAacgucgugggaacacggggugc..... 1
 Gi5_8903105_x1.....agacgucgugggaacacggggugccgaCcu..... 1
 Gi3_28421554_x1.....gagacgucCugggaacacgggggu..... 1
 Gi2_11044045_x1.....ccgucaggccccUccaguacugcg..... 1
 Gi2_11008238_x1.....agacgucgNgggaacacgggggu..... 1
 Gi3_28803938_x1.....uAcgaucggagacgucguggga..... 1
 Gi3_28481962_x1.....ucgugggCacacggggugccgaac..... 1
 Gl1a_6129081_x1.....aucggagCcgucgugggaacacggggug..... 1
 Gl1a_6046318_x1.....ccccgccaguUcugcgauccggaga..... 1
 Gi3_28790349_x1.....gccccgccaguacugcgCucggagacg..... 1
 Gi2_11178926_x1.....caggccccgccaguacugAgaucggag..... 1
 Gi2_11011676_x1.....ccccgccCguacugcgauccgga..... 1
 Gi3_28364572_x1.....gagacgucgugggaacacggggugccgaaU..... 1
 Gi4_591374_x1.....gaaacacggggugccgUacu..... 1
 Gi3_28667129_x1.....gauNggagacgucgugggaacacggg..... 1
 Gi2_11009426_x1.....uggNaacacggggugccga..... 1
 Gi1_4268677_x1.....cgggagacgucgugAgaacacggggugcc..... 1
 Gi2_11274785_x1.....aCaagcgccgucaggccccgccagua..... 1
 Gi1_4250180_x1.....cgCgggaacacggggugccg..... 1
 Gi5_8840114_x1.....aggccccgccaguacugcgCuc..... 1
 Gi3_28632471_x1.....ggaacUcggggugccgaa..... 1
 Gi5_9062789_x1.....cgucCugggaacacggggugccgaacu..... 1
 Gi3_28690639_x1.....ccccgccaguacuUcgauccggagacgu..... 1
 Gi2_11199485_x1.....guacugcgauccggCgacgucg..... 1
 Gi5_9070842_x1.....ugggaacacggAgugccgaacuuu..... 1
 Gi1_4336150_x1.....gugggaacaUggggugccgaa..... 1
 Gi2_11242858_x1.....cugcgauccggagacgucgug..... 0
 Gl1a_6105967_x1.....Ugagacgucgugggaacac..... 1
 Gi3_28512536_x1.....ucaggccccCccaguacugcg..... 1
 Gi3_28346618_x1.....aucggagacguAgugggaacacgg..... 1
 Gi3_28351713_x1.....Gaguacugcgauccggagacgu..... 1
 Gi4_591294_x1.....aucggagacgucgugggaacacggg..... 0

G1a_5992043_x1.....aucggagacgucgugggG.....1
 Gi4_582188_x1.....cgucguggAaacacggggugccgaacu.....1
 Gi2_11084103_x1.....aguacugcNaucggagacgucg.....1
 Gi2_11103153_x1.....ucggagacgucgugggaacU.....1
 Gi2_11123461_x1.....aagcgcAgucagggccccccagucg.....1
 G1a_6348926_x1.....agGacugcgauccggagacgucg.....1
 Gi5_8901062_x1.....gugggaacacggggugccgaGcuuu.....1
 Gi3_28893792_x1.....Ggccgucagggccccccagucggauc.....1
 G1a_6118598_x1.....caggcccUgccagucgucg.....1
 Gi5_8852039_x1.....caguacugUgaucggagacgucgug.....1
 Gi2_11403226_x1.....gaucUgagacgucgugggaacacggggugcc.....1
 Gi3_28332652_x1.....agcgcgucagggccccGcagu.....1
 Gi3_28703590_x1.....gccagucggaucggagCguc.....1
 G1a_5993826_x1.....Cucggagacgucguggga.....1
 Gi2_11099488_x1.....cUguacugcgauccggagacgucg.....1
 Gi4_576836_x1.....ggagacgucgugggaacacg.....0
 Gi2_11389687_x1.....ccccgccaNuacugcgauccggaga.....1
 Gi2_11005903_x1.....aagagaagcgcgucagggccccUcag.....1
 Gi2_11024273_x1.....gucagggccccccagucgU.....1
 Gi2_11240605_x1.....ggagacgucgugggaGcac.....1
 Gi2_11165297_x1.....aucggagacgucgugggaacacAggg.....1
 G11_4174464_x1.....cgugggaacGcggggugccgaac.....1
 Gi3_28621973_x1.....caggcUccgccagucggaucgga.....1
 Gi3_28818264_x1.....cgccgucagggccccGg.....1
 Gi4_612220_x1.....gucgugggaacacggggugcc.....0
 Gi5_9132194_x1.....cgucgugggaAaacgggugc.....1
 Gi2_11189117_x1.....cAccagucggaucggaga.....1
 Gi2_11097222_x1.....cccgccagucgGgaucggag.....1
 Gi3_28807989_x1.....agagaagcgcgucagggccccAccagua.....1
 Gi5_9131724_x1.....cgucgugUgaacacggggugccgaacu.....1
 Gi2_11071903_x1.....gaucggagacgucgUgga.....1
 Gi2_11159466_x1.....ucggagacgucgugggCacacggggugc.....1
 Gi2_11035470_x1.....Cgccccgccagucgga.....1
 G11_4179541_x1.....gaacCcgggugccgaacu.....1
 Gi3_28922988_x1.....gccagucggaucggaucg.....1
 Gi2_11355927_x1.....cggagGcugcuggggaacacg.....1
 Gi3_28869066_x1.....cgUucggagacgucgugggaacacgg.....1
 Gi3_28902618_x1.....aguaUugcgauccggagacgu.....1
 G1a_6043573_x1.....Agucagggccccccagucg.....1
 Gi3_28639363_x1.....agagaGgcgucgagggccccg.....1
 Gi3_28273123_x1.....gaucggagacgucgGgggaacacggggugcc.....1
 G11_4172999_x1.....gucgAggggaacacggggug.....1
 Gi4_581493_x1.....aUgucgugggaacacggggugccgaacu.....1
 G11_4293773_x1.....ggccccccagucggaucgU.....1
 Gi4_596748_x1.....cgugggGacacggggugcc.....1
 Gi3_28369315_x1.....aguacCggaucggagacguc.....1
 G1a_6328464_x1.....gucgugggNacacggggugcc.....1

Gi1_4277313_x1.....caggccccgccGguacugcgau..... 1
 Gi3_28383812_x1.....ugCgaacacggggugccgaa..... 1
 Gi1_4263371_x1.....ucaggccccgccCguacugcgau..... 1
 Gl1_6204894_x1.....gccgucaggcUccgccagua..... 1
 Gi5_8976376_x1.....cgugggaacacggggugccgaGcuu..... 1
 Gi3_28951237_x1.....agcgccgucGggccccgccagua..... 1
 Gi4_602801_x1.....gugggGacacggggugccgaa..... 1
 Gi3_28577689_x1.....agagaagcgccgucaggcUccgc..... 1
 Gi5_9102550_x1.....gucaggccccgccUguacugcg..... 1
 Gi3_28479164_x1.....cccCccaguaucgcgau..... 1
 Gi3_28578962_x1.....caguacugcgau..... 1
 Gi2_11226350_x1.....ccgucaggccccgccaguCcugc..... 1
 Gi5_8927479_x1.....gucguAggaacacggggugc..... 1
 Gl1_6337215_x1.....caguacugcgau..... 1
 Gi5_8977242_x1.....aucggagaNgcugugggaacac..... 1
 Gi2_11010782_x1.....gaagcgccgucaggccccgccaguaAc..... 1
 Gi3_28638349_x1.....gaUgucgugggaacacgg..... 1
 Gi3_28467269_x1.....aUagaagcgccgucaggccccgccaguaucg..... 1
 Gi3_28521861_x1.....caggccccgccaguaCgcgucggaga..... 1
 Gi3_28389049_x1.....Ccgucgugggaacacggggugccgaa..... 1
 Gi5_9002786_x1.....Aagacgucgugggaacacggggugcc..... 1
 Gl1_6042069_x1.....gaucggagacgucgugggaacacggCgu..... 1
 Gi1_4319330_x1.....agacgucgugggaacacggggugccgUac..... 1
 Gi1_4355797_x1.....Uguacugcgau..... 1
 Gi2_11090049_x1.....ggccccgccaguaGugcgau..... 1
 Gi1_4358604_x1.....cgGgggaacacggggugccgaa..... 1
 Gl1_6236719_x1.....ugcgau..... 1
 Gi3_28287658_x1.....cgucaggccccgccaguaucg..... 0
 Gl1_6101489_x1.....Ugccgucaggccccgccaguaucg..... 1
 Gi2_11394605_x1.....aggUcccgccaguaucg..... 1
 Gi2_11085128_x1.....gagacAucgugggaacacggggugcc..... 1
 Gi3_28325508_x1.....agagaagcgccguUaggcccc..... 1
 Gl1_6219202_x1.....ggaacacgUggugccgaa..... 1
 Gi3_28307368_x1.....agacAucgugggaacacggggugccga..... 1
 Gi3_28341461_x1.....cggagacgucgugggaaUacg..... 1
 Gi1_4281399_x1.....gagacgucgugAgaacacggggugcc..... 1
 Gi2_11267805_x1.....agcgccguNaggccccgccagua..... 1
 Gi2_10994167_x1.....agacgucgugggaacGcggggugccgaa..... 1
 Gl1_6120281_x1.....ucggagacgucgAgggaacacgg..... 1
 Gi2_11182077_x1.....aaAcgccgucaggccccgccaguaucg..... 1
 Gl1_6108115_x1.....aucggagacAucgugggaacacggggug..... 1
 Gi3_28675508_x1.....agaagcgccgucaggccccgcUagu..... 1
 Gi1_4203629_x1.....gaacacggggUaccgaacu..... 1
 Gi1_4323432_x1.....aucggagacgucgCgggaacacggggugccgaa..... 1
 Gl1_6033863_x1.....guacugcgauAggagacguc..... 1
 Gi2_11324072_x1.....acugcgGucggagacgucg..... 1
 Gi5_8948508_x1.....caggccccgccagCacugcg..... 1

Gi1_4306174_x1.....aguacugcgauccggagacgucgugU..... 1
 Gi5_9067003_x1.....gucaggcUccgccaguacugcg..... 1
 Gi2_11161770_x1.....aucggagacgucgugggaacacgggUugcc..... 1
 Gi2_11322706_x1.....cgucgugggaacaUgggg..... 1
 Gi5_8896676_x1.....gccccgccaguacugcgUucgga..... 1
 Gi3_28884493_x1.....gagacgucgugggaCcacggggugccgaac..... 1
 Gl1a_6041067_x1.....aCgggagacgucgugggaa..... 1
 Gi2_11245091_x1.....caggccccgccaguacuAcgaucggag..... 1
 Gi2_11038644_x1.....gaAacgucgugggaacacggggugc..... 1
 Gi3_28294068_x1.....Cacgucgugggaacacggggugccg..... 1
 Gi3_28614328_x1.....cggagacgucgugggaacaAggggu..... 1
 Gi2_11388932_x1.....aggccccgccaguacCgcgaucggaga..... 1
 Gi1_4213635_x1.....guAggaacacggggugccgaa..... 1
 Gi1_4337441_x1.....ggccccgccagCacugcgaucggagacg..... 1
 Gi3_28359434_x1.....gaUgcgccgucagggccccgccagua..... 1
 Gi3_28407508_x1.....gucgugggaacCcggggugccgaa..... 1
 Gi1_4165622_x1.....gugggaacacggggugccgGac..... 1
 Gi2_11066244_x1.....aAcggagacgucgugggaa..... 1
 Gi3_28484912_x1.....Cuacugcgauccggagacgucgug..... 1
 Gi5_9008876_x1.....gggaacacggggugccgaacuucU..... 1
 Gi2_11177364_x1.....aucggagacgucgugggaacacggggugcA..... 1
 Gi3_28542314_x1.....gaucggagacgucgugggaacaUg..... 1
 Gi1_4186046_x1.....cgugggaacacggggugUcga..... 1
 Gi1_4380325_x1.....acgucgugggaaUacggggugcc..... 1
 Gl1a_6199384_x1.....ccgccaguacugcgauUggagacguc..... 1
 Gi2_11284222_x1.....gccgucaggcccAcgccaguac..... 1
 Gi3_28613246_x1.....aucggagaGgucgugggaac..... 1
 Gi2_11108475_x1.....aucUgagacgucgugggaacacggggugcc..... 1
 Gi3_28703791_x1.....ccccgUcaguacugcgau..... 1
 Gi3_28277234_x1.....gccgucaggccccgccGguacugc..... 1
 Gi3_28363846_x1.....cgaCcggagacgucgugg..... 1
 Gi2_11383068_x1.....cggagacgucgugggaacacggggCgccgaacu..... 1
 Gi2_11302484_x1.....aucggagacgucUugggaacacg..... 1
 Gl1a_6346181_x1.....aucggagUcgcgucgugggaacacggg..... 1
 Gi3_28438373_x1.....agAacugcgauccggagacgu..... 1
 Gi3_28969752_x1.....ggagacguNgugggaacacggggugccgaa..... 1
 Gi1_4279659_x1.....ucggGgacgucgugggaacacggggug..... 1
 Gi2_11319585_x1.....gaagUgccgucagggccccgc..... 1
 Gi2_11220097_x1.....acgucgugggaacacggggugccgUacu..... 1
 Gi1_4176131_x1.....acugcgauccggGgacgucgugggaaca..... 1
 Gi2_11208750_x1.....gggaacacggggugccCaa..... 1
 Gi1_4291037_x1.....agaagcgccgucagggccccccaU..... 1
 Gi5_8992811_x1.....cgugggaacacggggugUcgaac..... 1
 Gi5_9091765_x1.....acucguuccgaauuaggaagagaagcgc..... 0
 Gi2_11186675_x1.....guAgugggaacacggggugc..... 1
 Gi3_28794267_x1.....ggccccgccGguacugcgauccggagacg..... 1
 Gi1_4385562_x1.....gaacCggggugccgaacu..... 1

Gi2_11017674_x1.....aagagaagcgcgcucagggcAc..... 1
 Gi2_11267058_x1.....aucgCagacgucgugggaac..... 1
 Gi2_11095427_x1.....cggagacgucgugggaacacggggGgccgaacu..... 1
 Gi2_11253260_x1.....ucCugggaacacggggugccgaacu..... 1
 Gi3_28805458_x1.....agaagUgccgucagggcccgcca..... 1
 Gi3_28599860_x1.....gagacguUgugggaacacg..... 1
 Gi2_11295727_x1.....acgucgugggaacacggggugccgUa..... 1
 G1a_6084347_x1.....ggccccgcUaguacugcg..... 1
 Gi3_28433621_x1.....agagaagcgcgcucagggcccgCA..... 1
 Gi1_4216898_x1.....ucgugggaacacggggugAc..... 1
 G1a_6292104_x1.....aagcgccguUagggccccccagucugc..... 1
 Gi2_11051435_x1.....gauAggagacgucgugggaacacggg..... 1
 G1a_6145285_x1.....gCgggaacacggggugccgaa..... 1
 Gi2_11135835_x1.....cgucgugggaacacggggugUcga..... 1
 Gi3_28871967_x1.....cgccagAacugcgauccgagacguc..... 1
 Gi3_28479783_x1.....gagacgucgugggaacacggggGgccgaa..... 1
 Gi2_11379353_x1.....Ugucgugggaacacggggugccgaac..... 1
 Gi3_28768448_x1.....agacgAcgugggaacacggggugccgaac..... 1
 G1a_6083080_x1.....ucggGgacgucgugggaacacgg..... 1
 Gi5_8947631_x1.....gucgugggaaGacggggugccgaacu..... 1
 Gi4_586702_x1.....aguacugcgauccgagacgAc..... 1
 G1a_5997066_x1.....gucagggccccgccGguacugcg..... 1
 Gi3_28294282_x1.....ccgccaguaUugcgauccgagacguc..... 1
 Gi4_600526_x1.....acugcgauccgagacguc..... 0
 Gi5_8835778_x1.....gagacgucguggUaacacggggugccgaacu..... 1
 Gi3_28960822_x1.....aucggagacgucgugggaacacggUg..... 1
 Gi3_28408067_x1.....Nggaacacggggugccgaa..... 1
 Gi3_28281181_x1.....gagacgucgugggaacacgAggugccga..... 1
 Gi1_4308191_x1.....cgucgugggaacacggggUcc..... 1
 Gi3_28874397_x1.....gccccgccUguacugcgau..... 1
 Gi1_4374403_x1.....acgucgugggGacacggggugccgaac..... 1
 Gi3_28743757_x1.....agaagcgcgcucagggUccgcc..... 1
 Gi2_11378281_x1.....Cuacugcgauccgagacgucg..... 1
 G1a_6178937_x1.....acAgcgauccgagacgucgug..... 1
 Gi3_28854697_x1.....gacgucguNggaacacgg..... 1
 Gi5_8975200_x1.....cgugggaacacggggugA..... 1
 Gi1_4302348_x1.....gGgacgucgugggaacacggggugccg..... 1
 Gi2_11051573_x1.....aggcGccgccaguacugcgau..... 1
 Gi2_11325570_x1.....gagacgucNugggaacacggggugc..... 1
 Gi3_28583824_x1.....Uaguacugcgauccgagacgucgu..... 1
 Gi3_28567164_x1.....gGgauccgagacgucgugggaacacgg..... 1
 Gi3_28753811_x1.....ccgcGaguacugcgauccgagacguc..... 1
 Gi2_11001639_x1.....aagagaagcgcgcucUggcccc..... 1
 Gi2_11063493_x1.....gccaguacugcgauccAgagacgu..... 1
 Gi2_11382992_x1.....aucggagacguAgugggaacacggggug..... 1
 Gi3_28980873_x1.....aCaagcgcgcucagggcccgccagu..... 1
 G1a_6152391_x1.....aggccccgccaguaUugc..... 1

Gi3_28317371_x1.....gGcaggccccgccaguacugcgauccggaga..... 1
 Gl1a_6180815_x1.....Aucgugggaacacggggugcc..... 1
 Gi2_11208194_x1.....gggaacacggggugAcgaac..... 1
 Gi3_28945513_x1.....caggccccgccaguGcugcgauccggagac..... 1
 Gi1_4258278_x1.....agacgucgugggaacacAgggugccgaac..... 1
 Gi1_4277537_x1.....ugggaacacggggugcAga..... 1
 Gi3_28837199_x1.....cCucgugggaacacggggugccg..... 1
 Gi2_11195905_x1.....aagagaagcgccguUaggcc..... 1
 Gi3_28805356_x1.....gagacgucgugggaacacggggugcUg..... 1
 Gi5_9137471_x1.....Aggagacgucgugggaacacgg..... 1
 Gl1a_6079466_x1.....cguggAaacacggggugcc..... 1
 Gi1_4176967_x1.....cgugggaacaAggggugccgaacu..... 1
 Gi3_28880674_x1.....Cagagaagcgccgucagggccccgcc..... 1
 Gi5_9114621_x1.....gaacacggggugccAaac..... 1
 Gi3_28427336_x1.....ggGgacgucgugggaacacgg..... 1
 Gi3_28575381_x1.....cgucaggccccgccaguCcugc..... 1
 Gl1a_6041901_x1.....gccgucagNccccgccagua..... 1
 Gi5_8833544_x1.....acgucgugggaacacggggugcU..... 1
 Gi5_8951220_x1.....guggUaacacggggugccgaacuu..... 1
 Gi3_28419095_x1.....ucgugAgaacacggggug..... 1
 Gi3_28963263_x1.....cgccgucagggccccgccaguacugcg..... 0
 Gl1a_6148201_x1.....cgccaguacugcgaCcggagacguc..... 1
 Gi3_28375860_x1.....gucgugggaacacggCgu..... 1
 Gi3_28266406_x1.....gUcguacagggccccgccaguacu..... 1
 Gi1_4185594_x1.....gugggaacacggggAgccgaac..... 1
 Gi2_11391441_x1.....ccgucagggccccgccaguac..... 0
 Gi3_28642937_x1.....ggUgacgucgugggaacacggg..... 1
 Gi3_28785885_x1.....cgugggaacacggUgugccg..... 1
 Gi5_8966418_x1.....ccgccaguacCgcgauccggagacg..... 1
 Gi4_597808_x1.....gaucggagacgucgugggaacacggggugcc..... 0
 Gi2_11212649_x1.....gaucggagacgucgugggaA..... 1
 Gl1a_6206492_x1.....gaagagaagAgccgucag..... 1
 Gi1_4251171_x1.....gccgucagggccccgccaguacugcgauU..... 1
 Gi2_11222580_x1.....cgucgugggaacaUggggugccga..... 1
 Gi3_28374729_x1.....cgaNcggagacgucgugggaacacg..... 1
 Gi3_28524640_x1.....ugcgauccggGacgucgugggaacacggggu..... 1
 Gl1a_6272141_x1.....gGucggagacgucguggg..... 1
 Gi5_9115087_x1.....aguacugcgauccggGgacguc..... 1
 Gi4_602888_x1.....caggccccgccaguacugc..... 0
 Gi1_4207887_x1.....agAcccccgcaguacugcgauccg..... 1
 Gi1_4199754_x1.....cggagacgucgugggaGca..... 1
 Gi2_11393699_x1.....caggccccgccUguacug..... 1
 Gi2_11387868_x1.....gCagcgccgucagggccc..... 1
 Gi3_28366359_x1.....agcgccgCcaggccccgccagu..... 1
 Gi1_4217574_x1.....acCgcgauccggagacgucgugggaaca..... 1
 Gi3_28626442_x1.....gucgugggaacacgggguUccgaacu..... 1
 Gl1a_6081483_x1.....gAcaggccccgccaguacugcga..... 1

Gi1_4188484_x1.....ucgNgggaacacggggugccgaac..... 1
 Gi1_4229862_x1.....ggagacgucCugggaacacggggugccg..... 1
 Gi1_4384101_x1.....aguacugcgaucggagGc..... 1
 Gi3_28277829_x1.....ucggagCcgucgugggaacacggggu..... 1
 Gi1_4255567_x1.....ccccgcaguacugcgaucggagacgu..... 0
 Gi3_28615756_x1.....cagCccccgccaguacugcgauc..... 1
 Gi5_9037461_x1.....cggagacgNcgugggaacacggggugcc..... 1
 Gi2_11344822_x1.....agagaagcgccgGcaggccccgc..... 1
 Gi3_28522262_x1.....gccaguacugcgaucggagGcgu..... 1
 Gi2_11343879_x1.....cgucgugggaacacggggGgccga..... 1
 Gi3_28531302_x1.....aucggaCacgucgugggaacac..... 1
 Gi5_9052480_x1.....gucguggUaacacggggugccgaacu..... 1
 Gi3_28298018_x1.....cgucagggccccgccaguacugcC..... 1
 Gi3_28444159_x1.....gaucggagacgucgugggCacacggggugcc..... 1
 Gi2_11161982_x1.....aucggagacgucGgggaacacgg..... 1
 Gi5_8937271_x1.....aucggagacgucUugggaacacggggugc..... 1
 Gi5_8936796_x1.....ccgucaggccUcgccaguacugcg..... 1
 Gi3_28406617_x1.....aucggagacgucgugggaUcacgggg..... 1
 G1a_6268257_x1.....Ggaagcgccgucagggccccgcca..... 1
 Gi1_4189311_x1.....aagcgccgucagggccccgccaguacugc..... 0
 Gi3_28346118_x1.....cgccgucCggccccgcccag..... 1
 G1a_6024170_x1.....aucggagacgucguggAaacacggg..... 1
 Gi4_569393_x1.....cgccaguacugcgaucAgagacgucgug..... 1
 Gi2_11239300_x1.....gUcgucagggccccgccaguacugcgau..... 1
 Gi2_11047973_x1.....cacggggugccgaacuu..... 0
 Gi3_28601788_x1.....aagagaCgcgccgucagggccc..... 1
 Gi3_28652732_x1.....gacgucguAgggaacacggg..... 1
 Gi3_28522302_x1.....ccgccaguacugcgaCcgagac..... 1
 Gi1_4170323_x1.....gugggaaUacggggugccgaacuu..... 1
 Gi3_28444891_x1.....gaGgucgugggaacacggggugccgaacu..... 1
 Gi3_28739024_x1.....agagUagcgccgucagggccccgc..... 1
 Gi5_9015464_x1.....gggaacacggggugcAgaac..... 1
 Gi2_11089647_x1.....aucCgagacgucgugggaacacggggugcc..... 1
 Gi3_28959176_x1.....gaCcgagacgucgugggaacacggggugc..... 1
 G1a_5989269_x1.....ucgugggaacCcggggugccgaacu..... 1
 Gi2_11152747_x1.....Nggccccgccaguacugcg..... 1
 G1a_6195089_x1.....cgucgugggaacacggggGgccg..... 1
 Gi3_28422898_x1.....aCcgccgucagggccccgcca..... 1
 Gi5_8862570_x1.....cgucgugggaacacggUgugccgaa..... 1
 Gi5_9051637_x1.....ugcgGucggagacgucguggga..... 1
 Gi2_11283246_x1.....cgccaguacugcgaucggagacgucguggga..... 0
 Gi3_28435471_x1.....Ggagaagcgccgucagggccccgcca..... 1
 Gi3_28655507_x1.....ccgccaguNcugcgaucggagac..... 1
 G1a_6083637_x1.....Cucagggccccgccaguacu..... 1
 Gi1_4198464_x1.....ucgugUgaacacggggugcc..... 1
 Gi5_8932681_x1.....cgGgggaacacggggugc..... 1
 Gi2_11111966_x1.....aCuacugcgaucggagacgucgu..... 1

Gi2_11293092_x1.....cgucaggAcccgccaguacugcg..... 1
Gi2_11049256_x1.....aguacugcgauCgagacgucgu..... 1
G1a_6225375_x1.....aacacggggugccgaacA..... 1
Gi4_593204_x1.....acgucgugggaGacggggugccgaacu..... 1
Gi5_9055481_x1.....gacUucgugggaacacggggugccgaacu..... 1
Gi5_9106089_x1.....gagacgucgugggaGcacggggugccgaac..... 1
Gi1_4179114_x1.....agacgucgugggCacacggggugccgaacu..... 1
Gi4_590178_x1.....acgucgugggaGcacggggugccgaacu..... 1
Gi4_578509_x1.....cccAccaguacugcgauCgagacguc..... 1
Gi2_11401936_x1.....cgaucgggagacgGcuggggaacacgggg..... 1
Gi3_28641016_x1.....gaucgggagacgucguggAaacacggggugc..... 1
G1a_6164818_x1.....gccaguacugcgauCgagacguc..... 1
G1a_6258181_x1.....aAuacugcgauCgagacguc..... 1
Gi3_28895158_x1.....gaucgggagacgGuggggaacac..... 1
Gi3_28293053_x1.....gucgugggaacacggggugCggaacuu..... 1
Gi2_11400225_x1.....ccgucaggcAcccgccaguacugcg..... 1
Gi5_8844886_x1.....gccccgccaguacugcgCuc..... 1
Gi5_9032690_x1.....agacgucguggAaacacggggugccgaac..... 1
Gi3_28432572_x1.....aguacugcgauCgagacgucguC..... 1
G1a_6068185_x1.....cgggagacgucgugggaCcacggggg..... 1
Gi3_28633282_x1.....CggccccgccaguacugcgauCgagacguc..... 1
Gi2_11211275_x1.....acugcgauCgagacgucgu..... 1
Gi3_28477027_x1.....gaucgggagacgucgugggUacacg..... 1
Gi5_9099488_x1.....aucgggagacgucGgggaacacggggugcc..... 1
Gi1_4201994_x1.....gccgucaggccccgccaguGcu..... 1
Gi1_4210310_x1.....gagaagcgccgucaggcccU..... 1
Gi3_28663020_x1.....aggccccgcGaguacugc..... 1
Gi2_11145386_x1.....agacgucgugggaacaAggggugccgaac..... 1
Gi3_28480910_x1.....aguacugcgauCggagaAg..... 1
G1a_6284147_x1.....uGggagacgucgugggaacacgg..... 1
Gi3_28355036_x1.....ucgggagacgucgugggaacacggUgugcc..... 1
Gi2_11245553_x1.....gagacgucgugggGacacggggugccgaacu..... 1
G1a_6051815_x1.....cccgccaguUcugcgauCgagacguc..... 1
Gi2_11312521_x1.....cgaucggCgacgucgugggaacacg..... 1
Gi4_572858_x1.....gggaacacggggCgccgaac..... 1
Gi2_11058297_x1.....caguacugcgauCagagacguc..... 1
Gi3_28741946_x1.....gaagcgccNucaggccccgccagua..... 1
Gi5_9009872_x1.....gugggaacacggUgugccgaa..... 1
G1a_6089406_x1.....acgucgugggCacacggggg..... 1
Gi2_11121543_x1.....Ugccccgccaguacugcg..... 1
Gi2_11288922_x1.....aucgggagacguUgugggaacacggg..... 1
Gi5_8935202_x1.....ugggaacacgUggugccgaacu..... 1
Gi5_9069917_x1.....cgucgugggGacacggggugcc..... 1
Gi2_11345128_x1.....acgucgugggaCcacggggugcc..... 1
Gi3_28616625_x1.....gaagagaagcgccgucaggcAccg..... 1
Gi2_11125928_x1.....gaucgggagacgucgugggaacUcggggugcc..... 1
Gi2_11388070_x1.....GccccccaguacugcgauCgagacgucgug..... 1

Gi2_11153955_x1.....gacgucgugggaacacggCgugccgaac..... 1
 Gi1_4165014_x1.....cccgccaguacugcgauccgagacU..... 1
 Gi2_11406368_x1.....ggccccAccaguacugcgauccg..... 1
 Gi1_4280795_x1.....gucgugggaaacacggggAgccgaacu..... 1
 Gi3_28491434_x1.....ggUcccgccaguacugcgauccg..... 1
 Gl1a_6179055_x1.....ucgugggaaacacggggugccAaac..... 1
 Gi1_4333453_x1.....gAgccgucagggccccgccaguacugcg..... 1
 Gi5_8922235_x1.....gGucggagacgucgugggaaacacgggg..... 1
 Gl1a_6061753_x1.....aucggagacgucgugggaaCcacg..... 1
 Gi2_11121082_x1.....cAccaguacugcgauccgagacgu..... 1
 Gi3_28339535_x1.....agcgccgucagggUcccgccagu..... 1
 Gi2_11161649_x1.....ggccccgccAuaucugcgauccgagacgu..... 1
 Gi2_11303853_x1.....gaucggagacgucgugggaaacacgggU..... 1
 Gi3_28716438_x1.....ucaggUcccgccaguacugcgaucc..... 1
 Gi5_9046482_x1.....cgucCugggaaacacggggugccgaacu..... 1
 Gi3_28590287_x1.....ccccgccagCacugcgauccggag..... 1
 Gl1a_6134181_x1.....gccaUuacugcgauccgga..... 1
 Gi3_28363745_x1.....cccgccagAaucugcgauccggagacgucgug..... 1
 Gl1a_6260375_x1.....aguacugcgCcgagac..... 1
 Gi3_28895586_x1.....gucagggccccCccaguacugcg..... 1
 Gi2_11407721_x1.....gacgucgugggaacacggggCgccg..... 1
 Gi3_28306597_x1.....gugggaacacgCggugcc..... 1
 Gi1_4162733_x1.....cggagacgucgugggaaacacggCgugcc..... 1
 Gi3_28383354_x1.....guUcugcgauccggagacgu..... 1
 Gi2_11303807_x1.....cgucgugggaaAacggggug..... 1
 Gi2_11235745_x1.....caggccccNccaguacugcgauccgga..... 1
 Gi5_8847915_x1.....cggagacgucgugggaaGcacg..... 1
 Gi3_28406709_x1.....ucgugggaaNcacggggugccga..... 1
 Gi3_28961419_x1.....gccgucGggccccgccaguacugcg..... 1
 Gi3_28785066_x1.....gaagagaagcgccgucaAgccccgcc..... 1
 Gi2_11242936_x1.....cgucgugggaacacAgggugccgaa..... 1
 Gi3_28593711_x1.....aggccccgccUguacugcgauccgga..... 1
 Gi3_28846878_x1.....ggagacgucgugggaaacacgAgggugcc..... 1
 Gi3_28640773_x1.....gcgauccggCgacgucgugggaaac..... 1
 Gi3_28578975_x1.....acgucgugggaaUcacggggugccgaacu..... 1
 Gi3_28261718_x1.....gucgugggaaacacggggugccAaa..... 1
 Gi2_11210530_x1.....gacgucgGgggaaacacggggugccg..... 1
 Gi2_11365498_x1.....cguuccgaauuaCgaagagaagcgccguc..... 1
 Gi3_28618970_x1.....aggccccgccaguacugcgGucggagacg..... 1
 Gi5_9008524_x1.....acgucgugggGacacggggugccgaac..... 1
 Gi5_9025564_x1.....gggaacacggggCgccgaa..... 1
 Gi1_4355657_x1.....agcgccgucagggccccgcUaguacugc..... 1
 Gi4_611087_x1.....ugggaaacacggggugccgaa..... 0
 Gi3_28749743_x1.....ccgccagCacugcgauccggagacgucgug..... 1
 Gi3_28339036_x1.....gaacacggggugccCaac..... 1
 Gi2_11026953_x1.....Ugucgugggaaacacggggugc..... 1
 Gi2_11067626_x1.....gggaaacacggggugccCaac..... 1

Gi1_4378010_x1.....agacgucgugggaaacacggggCgcc..... 1
Gi1_4351829_x1.....aggccccgccaguCucgcauc..... 1
Gi3_28793472_x1.....ggagacgucgugUgaacacg..... 1
Gi2_11399793_x1.....gaucggagacgucgugggUaca..... 1
Gi3_28560837_x1.....acgucgugggaacacggggugccAaac..... 1
Gi3_28393591_x1.....agacgucgugggaacacgUggugccgaac..... 1
G1a_6152990_x1.....agaagcgcgcucagccccccGguacugc..... 1
Gi1_4229365_x1.....ugcgauccggagacgucgugggaacaU..... 1
Gi1_4297950_x1.....ucgugggaacCcggggugccga..... 1
Gi3_28545275_x1.....acgucgugggaacacggggugcGg..... 1
Gi5_8951152_x1.....aggccccgccaguacAgcgauc..... 1
Gi3_28912825_x1.....cgucgugggaacacggggugccCaacu..... 1
Gi1_4369640_x1.....aggcAccgccaguacugcgauc..... 1
Gi3_28867530_x1.....gaauuaCgaagagaagcgcgcuc..... 1
Gi2_11347123_x1.....gAcaggccccgccaguacugcgauc..... 1
Gi2_11211815_x1.....gucgugggaacaAggggugccga..... 1
Gi1_4172822_x1.....gaagagaagcgcgcucagc..... 0
Gi3_28770047_x1.....gUagacgucgugggaacac..... 1
Gi2_11237139_x1.....aggccccgccCguacugcgaucggagacguc..... 1
Gi2_11157055_x1.....uacugcgaNcggagacgucgugggaaca..... 1
Gi3_28928596_x1.....cgucagggccccgccCguacug..... 1
Gi2_11337164_x1.....ucUgagacgucgugggaac..... 1
Gi3_28733286_x1.....Uccccccaguacugcgau..... 1
Gi1_4220550_x1.....uCggaacacggggugccg..... 1
Gi2_11205831_x1.....gaacacggggugccgCac..... 1
Gi3_28398140_x1.....aggccccgcAaguacugcgau..... 1
Gi3_28942214_x1.....ggaacacggggugAcgaa..... 1
Gi3_28649462_x1.....cgugCgaacacggggugccgaa..... 1
Gi2_11192913_x1.....gaucggagacgucgugggCacacgggg..... 1
Gi1_4354805_x1.....ccgucagggccccgccaguacugcg..... 0
G1a_6312050_x1.....gucaAgccccgccaguacugcg..... 1
Gi3_28476801_x1.....cgccgucagggccccgccUg..... 1
Gi2_11390604_x1.....ggccccgcAaguacugcga..... 1
Gi3_28469301_x1.....gaucggagacgucgugggaaUacggggug..... 1
Gi3_28520721_x1.....gccaguacugcgauccggUg..... 1
G1a_6010336_x1.....Cugggaacacggggugccgaa..... 1
Gi1_4363032_x1.....gaacacggggGgccgaacu..... 1
Gi3_28542862_x1.....gucaggUccccccaguacugc..... 1
Gi2_10994212_x1.....ccccccagNacugcgauccggagacgucgu..... 1
Gi1_4329337_x1.....acgucgugggaacacgAggugccgaa..... 1
Gi2_11343646_x1.....gcgaucggagCcgucgugggaacacgg..... 1
Gi2_11300625_x1.....ggccccAccaguacugcgau..... 1
Gi3_28701231_x1.....ucaggccccgccaguacugcgauAgagacgu..... 1
Gi3_28984296_x1.....aagagaGgcgcgcucagggcccccca..... 1
Gi5_8846803_x1.....agUcgucgugggaacacggggugccga..... 1
Gi3_28688954_x1.....aucggagacgucgugggaacUcg..... 1
Gi2_11305290_x1.....agaagcgcgcucagggccUcgcc..... 1

Gi3_28732550_x1.....gccccGcaguacugcgaucgg..... 1
Gi1_4274394_x1.....aucggagaAgucgugggaaacac..... 1
G1a_6217775_x1.....ucaggccccccagucgucggaucgg..... 1
Gi4_572678_x1.....aucggagacgucgugggaa..... 0
Gi1_4304041_x1.....gugggaacacggggugccgaCcuu..... 1
Gi3_28784244_x1.....cggagacgucguAggaacacgggg..... 1
Gi3_28284140_x1.....ucaggccccAccaguacugcgaucggag..... 1
Gi3_28806893_x1.....gccccccagucgucggaucggag..... 1
Gi1_4283816_x1.....ccaguacugcgaucggCgacgucgug..... 1
Gi2_11130711_x1.....gUagacgucgugggaaacacggggugccgaac..... 1
Gi5_8895725_x1.....gucgugggaaacacgCggugccgaacu..... 1
Gi2_11033540_x1.....cccgccagNacugcgaucggagacgucgug..... 1
Gi1_4216602_x1.....ggaacacgggUugccgaacu..... 1
Gi3_28392751_x1.....gccgucaggccUcgccaguacu..... 1
Gi5_9095019_x1.....ccgccaguacugcgaucggUgacg..... 1
Gi3_28878822_x1.....Acgccgucaggccccgccagu..... 1
Gi3_28383219_x1.....gccaguacugcgaucggagaUguc..... 1
G1a_6351091_x1.....cguNaggccccgccaguacugcg..... 1
Gi3_28604795_x1.....gcgaucggagacgucgugggaaacacggggC..... 1
Gi3_28880845_x1.....gcccgcgucaggccccgccCuacugc..... 1
Gi3_28587978_x1.....ugggaacaUggggugccg..... 1
Gi2_11190821_x1.....cggagacgucguCggaacacggggg..... 1
Gi3_28931493_x1.....gcgaucggCgacgucgugggaa..... 1
Gi2_11217973_x1.....gcgaucggagaUgucgugggaaacacggggug..... 1
Gi2_11290378_x1.....Ugucgugggaaacacggggugccgaac..... 1
Gi1_4378636_x1.....aucggCgacgucgugggaaacacg..... 1
Gi2_11197420_x1.....agccccccagCacugcgaucggagacguc..... 1
Gi1_4298453_x1.....gucguAggaacacggggugccgaac..... 1
G1a_6101519_x1.....cggagacgucgugggaaAacggggg..... 1
G1a_5990322_x1.....ucggUgacgucgugggaaacacggg..... 1
Gi3_28939362_x1.....ucguggAaacacggggugc..... 1
Gi3_28728436_x1.....cgGcaguacugcgaucggagacg..... 1
Gi3_28926998_x1.....ccgccaguaUugcgaucggagac..... 1
Gi3_28983266_x1.....ccUcgccaguacugcgaucggagac..... 1
G1a_6156976_x1.....gcgaucggagGcugcugug..... 1
G1a_6171422_x1.....gucaggcUccgccaguacug..... 1
Gi3_28325499_x1.....agagaagcgccgucaggcGccc..... 1
Gi3_28707833_x1.....aguGcugcgaucggagacgucgu..... 1
Gi3_28625531_x1.....gccaguacugcgaucggagUcgucgug..... 1
Gi2_11284346_x1.....cccgccaguacugcgaucggUgac..... 1
G1a_6182732_x1.....agagaagcgccgucaggcccUgcc..... 1
Gi1_4373690_x1.....gugggaacaUggggugccgaacu..... 1
Gi1_4303677_x1.....aucggagacgucgugggaaacacgAggugcc..... 1
G1a_6031618_x1.....ggaacacggggugUcgaacu..... 1
Gi3_28371204_x1.....agacgucgugAgaacacgggg..... 1
Gi3_28832056_x1.ccCuaacucguuccgaau..... 1
Gi2_11341597_x1.....caggccccccagAacug..... 1

Gi4_574741_x1gagaagcgccgucaggcA..... 1
Gi3_28451964_x1.....Ucgucgugggaacacggggugccgaac..... 1
Gi3_28585314_x1.....aggccccccaAuacugcgauccgagacg..... 1
Gi3_28948528_x1.....gucgugggCacacggggugc..... 1
Gi3_28674912_x1.....cgGcugugggaacacggggug..... 1
Gi4_598230_x1gugggaacacAgggugccgaacu..... 1
G1a_6131155_x1gaucggagacgucguUggaa..... 1
Gi2_11106193_x1aucggagaAgucgugggaacacggggugc..... 1
Gi3_28457274_x1gaacacgAgggugccgaacu..... 1
Gi1_4262687_x1acugcgaCcgagacgucg..... 1
Gi2_11273899_x1aggccccccaguGcugcgau..... 1
Gi3_28446788_x1gccUguacugcgauccgga..... 1
Gi3_28950295_x1aagagCagcgccgucaggc..... 1
Gi3_28524732_x1acgucgugggaaUacggggugccgaac..... 1
Gi2_11025882_x1ccccgccGguacugcgauccgag..... 1
Gi3_28319509_x1guacugcgauccAgagacgucgug..... 1
Gi3_28742242_x1Acaggccccccaguacugcgauccg..... 1
Gi2_11334019_x1acgucgugggaaAcAggggugccgaac..... 1
Gi3_28637126_x1ccgccaguacugcgauccgagacgucgCg..... 1
Gi1_4191461_x1cgugggaacacggggCgcccga..... 1
Gi1_4304126_x1aucggagGcugcugugggaacacggggugcc..... 1
G1a_6279915_x1Agccaguacugcgauccgagacgucgug..... 1
Gi3_28584434_x1guacugcgauccggaAacguc..... 1
Gi1_4192980_x1ggccccgccaguacugcgauccgCga..... 1
Gi2_11092695_x1ugggaaCcggggugccgaacu..... 1
Gi3_28859736_x1gggaacacUgggugccga..... 1
Gi2_11115858_x1gucgugggaaacacgggAugcc..... 1
Gi5_8951078_x1uacugcgauccAagacgu..... 1
Gi3_28607222_x1aucgAagacgucgugggaaac..... 1
Gi5_8950790_x1acgucgugggaaacacggggugccgaUc..... 1
Gi2_11100641_x1caggccccccaguacGgc..... 1
Gi3_28373989_x1cgccaguacugcAaucggagacgucg..... 1
G1a_6156858_x1aagagGagcgccgucagggccccg..... 1
Gi1_4210394_x1aagagaagcgccgucagggccccg..... 0
Gi2_11065201_x1cggagacgucgugggCacac..... 1
G1a_6157154_x1gggaacacNgggugccga..... 1
Gi3_28654866_x1cagNacugcgauccgagacgucgug..... 1
Gi3_28706961_x1cgucgugggaaacacggggugcUgaa..... 1
Gi3_28698798_x1aggccccccagAacugc..... 1
Gi5_9018484_x1ccccccaguacugcgauccgagCcg..... 1
Gi5_9094637_x1gucNugggaaacacggggugccgaacu..... 1
Gi2_11286884_x1ucggagacgucgugggaaacacgggguAc..... 1
Gi2_11226743_x1cugugggaaacacggggugccgaG..... 1
Gi1_4301474_x1cCccaguacugcgauccgagac..... 1
Gi3_28866079_x1gccaguacugcgauccgagaA..... 1
Gi2_11228211_x1cggagacgAcgugggaaacacggggugcc..... 1
Gi2_11025453_x1ugggaaacacggggugccgaG..... 1

Gi2_11240090_x1.....gucagggccccgcUaguacugcgauccggagac..... 1
Gi2_11165680_x1.....gacgucgugggaacacgCg..... 1
Gi2_11059111_x1.....ccgucagAccccgccaguacugc..... 1
Gi5_8980965_x1.....gcgccgCcaggccccgccaguacug..... 1
Gi1_4163111_x1.....gugggaacacggggugccC..... 1
Gi2_11070916_x1.....gaucggagaGgucgugggaacacggg..... 1
Gi3_28663753_x1.....ucggagacgucguggAaacacggg..... 1
Gi2_11103088_x1.....aggcGccgccaguacugcgauccggaga..... 1
Gi2_11311106_x1.....cUcgccaguacugcgauccggagacguc..... 1
Gi1_4377469_x1.....aucggagacgucgugggaGcacggggugc..... 1
Gi2_11084863_x1.....agaagcgccgucagggccccgccGuac..... 1
Gi2_11351485_x1.....gaucggagCcgucgugggaacacggggugcc..... 1
Gi2_11299126_x1.....gaagcgccAucagggccccgc..... 1
Gi2_11045325_x1.....gccaguacNgcgauccggagacguc..... 1
G1a_6297151_x1.....cgucgugggaacacggggAgccgaacu..... 1
Gi3_28475236_x1.....agaagcgccgucagggccUcgcc..... 1
Gi1_4281669_x1.....gaucggagacgucguggga..... 0
Gi2_11278877_x1.....aucggagacAucgugggaacacg..... 1
Gi1_4357153_x1.....acgucguggAaacacggggugccgaac..... 1
Gi3_28385243_x1.....aucggagacgAucguggga..... 1
G1a_6335649_x1.....aagagaagGgccgucagggccccgc..... 1
Gi3_28679122_x1.....gucgugggaacacggggugcAga..... 1
Gi3_28630256_x1.....ugggaacacggggugccgaU..... 1
Gi5_8840899_x1.....ggagacgucgugAgaacacggggugccgaacu..... 1
G1a_6090110_x1.....gugggaacaUggggugcc..... 1
Gi1_4178616_x1.....ggagacgucgugggaacCcggggu..... 1
Gi2_11359345_x1.....cggagacguAgugggaacacggggugcc..... 1
Gi3_28614777_x1.....aguacugcgauccggGgacgucgug..... 1
Gi1_4365103_x1.....Uggagacgucgugggaacacggggugcc..... 1
Gi5_8957592_x1.....gcgccgucagggccccgccaguacugcC..... 1
Gi1_4273606_x1.....ggccccgUcaguacugcgau..... 1
Gi2_11348624_x1.....gccccgccaguacCgcga..... 1
Gi5_8940636_x1.....cgucgugggaacacggggugccgaUcu..... 1
Gi1_4311543_x1.....Aaucggagacgucgugggaacacg..... 1
G1a_6248337_x1.....cgauccggagacgucguggCaacacggg..... 1
Gi2_11301877_x1.....agagaagcgcgAgucagggccccgc..... 1
Gi2_11391762_x1.....cgucgugggaacacggggugU..... 1
G1a_6206525_x1.....ugggaacUcgggugccgaacu..... 1
Gi4_605456_x1.....gugggUaacacggggugccgaacu..... 1
Gi5_8978110_x1.....Ccgagacgucgugggaacacggggugc..... 1
Gi3_28895964_x1.....ucaggccUcgccaguacugcg..... 1
Gi2_11037841_x1.....cucguuccgaauuaUgaagagaagcgccguc..... 1
Gi2_11336368_x1.....aGugcgauccggagacgucgugggaaca..... 1
Gi3_28439009_x1.....auAggagacgucgugggaac..... 1
Gi2_11327067_x1.....acgucgugggaacacggggUc..... 1
Gi3_28481112_x1.....gaaAacggggugccgaac..... 1
G1a_6106449_x1.....ggagacgucgugggaacacggggGgc..... 1

Gi3_28879791_x1.....caguaUugcgauccggagacgucgug..... 1
 Gl1a_6297537_x1.....cCucaggccccgccaguacu..... 1
 Gi2_11200953_x1.....cccgccaguaUugcgauccggag..... 1
 Gi2_11226205_x1.....aggcUccgccaguacugcgauccgg..... 1
 Gi3_28306449_x1.....gaagCgaagcgccgcucagggccc..... 1
 Gi4_583337_x1.....caggccccgccaguacugcgau..... 0
 Gi3_28822009_x1.....aguacuAcgauccggagacgucguggg..... 1
 Gi3_28705573_x1.....ugcgGucggagacgucgugggaacacg..... 1
 Gi3_28704398_x1.....aaUcgccgcucagggccccgccaguacugc..... 1
 Gi2_11246485_x1.....gucaggAcccgccaguacug..... 1
 Gi1_4253092_x1.....aucggagaNgucgugggaacacggg..... 1
 Gi2_11028080_x1.....gugggCacacggggugccgaa..... 1
 Gi2_11228189_x1.....acugcgauUggagacgucgu..... 1
 Gi2_11273353_x1.....gagaagcgccgcucagggccccgcUaguacu..... 1
 Gi3_28806670_x1.....gcgauccggagacgucgugggaGcacgg..... 1
 Gl1a_6068387_x1.....cggagacgucgugggaGcacgg..... 1
 Gi5_8877566_x1.....gugggaacacggggugUcgaa..... 1
 Gi3_28657726_x1.....ccccgccaguacugcgauccggGga..... 1
 Gi3_28949126_x1.....caguaAugcgauccggagacgucgug..... 1
 Gl1a_6021679_x1.....gucgCgggaacacggggugcc..... 1
 Gi3_28421987_x1.....ggaacaUggggugccgaa..... 1
 Gi2_11158862_x1.....Ccgugggaacacggggugc..... 1
 Gi3_28442290_x1.....gagacgucgugggaCcacggggu..... 1
 Gi2_11249705_x1.....gagGcgucgugggaacacggggug..... 1
 Gi2_11066809_x1.....guacugcgaCcgagacgucguggg..... 1
 Gi1_4291230_x1.....ucggagGcgucgugggaacacggggugc..... 1
 Gi5_9006448_x1.....ccccgccaguacugcgauccggCgacguc..... 1
 Gi1_4377348_x1.....acgucgugggaacGcggggugccg..... 1
 Gi3_28630329_x1.....ccgccaguacGcgauccggagacgucgu..... 1
 Gi2_11292824_x1.....cggagacgucguUggaaca..... 1
 Gi2_11382800_x1.....ggagacgucgugAgaacacggggug..... 1
 Gi3_28719285_x1.....agcgccgcucagggccccgcNagu..... 1
 Gi3_28432762_x1.....ccccgccUguacugcgauccggagacgu..... 1
 Gi2_11318445_x1.....gCagacgucgugggaacacg..... 1
 Gi2_11334140_x1.....ugcgauccggagacAucguggga..... 1
 Gi1_4293264_x1.....ugUgauccggagacgucgugggaacacg..... 1
 Gi5_8883571_x1.....cgNcgugggaacacggggugccgaacu..... 1
 Gi1_4287044_x1.....cgAcgugggaacacggggugccg..... 1
 Gi3_28873125_x1.....ugggaacacggggugcGgaa..... 1
 Gi2_11104714_x1.....cgucgugggaUacggggugcc..... 1
 Gi3_28483313_x1.....caguacGcgauccggagacgucgug..... 1
 Gi5_8903263_x1.....agaUgucgugggaacacggggugc..... 1
 Gi5_9127997_x1.....agacgucgugggaacacgAggugccgaacu..... 1
 Gi3_28752838_x1.....ccaguacugcgCucggagacgucgug..... 1
 Gi5_9014322_x1.....ucguggCaacacggggugccgaa..... 1
 Gi3_28816981_x1.....aAgccccccaguacugcgauccggaga..... 1
 Gi2_11378103_x1.....aagagaCgcgcgcucagggccc..... 1

Gi2_11045058_x1.....aucgCagacgucgugggaacac..... 1
 Gi3_28749761_x1.....gacgucgugggaacacggC..... 1
 Gi1_4199651_x1.....ucguAggaacacggggugc..... 1
 Gi5_9008879_x1.....caggccccgccaguacugcgG..... 1
 Gi2_11252566_x1.....ucaNgccccgccaguacugc..... 1
 Gi3_28959289_x1.....gacgucguNggaacacggggugccg..... 1
 Gi1_4179340_x1.....acugcgaucggagacgucgug..... 0
 Gi5_8963786_x1.....agacgucgugggaacGcggggugccga..... 1
 Gi2_11294016_x1.....gugggaacacggggugccgaaUuu..... 1
 Gi3_28372282_x1.....gacgucgugggaacacggA..... 1
 Gi2_11365406_x1.....ccccgcUaguacugcgauccgagacgu..... 1
 Gi2_11056571_x1.....Cucggagacgucgugggaacac..... 1
 Gi2_11346824_x1.....gccaguacNgcgauccgagacg..... 1
 Gi3_28782756_x1.....agacgucguggAaacacggggugcc..... 1
 Gi3_28656718_x1.....cggagacgucgugggUacacgggg..... 1
 Gi2_11098985_x1.....cgucGggccccgccaguacugcgauccg..... 1
 Gi2_11314741_x1.....ucggagacgucgugggaacacggggugcU..... 1
 Gi2_11165755_x1.....ccccgccaguacugcgauccgGgacguc..... 1
 Gi4_600413_x1.....acgucguAggaacacggggugccgaacu..... 1
 Gi3_28837394_x1.....ccgcGaguacugcgauccg..... 1
 Gi3_28597425_x1.....acgucgugggaacacggggugcccgC..... 1
 Gi1_4354010_x1.....gcgaucggNgacgucgugggaacacggggugc..... 1
 Gi2_11397491_x1.....ggccccgccaguaAugcgauc..... 1
 Gi3_28442213_x1.....ucggagacgucgugggaacacggggugccgaacA..... 1
 Gi3_28774643_x1.....gacgucgugAgaacacggggugc..... 1
 Gi3_28483621_x1.....cggagacguUgugggaacacggggugccgaacu..... 1
 Gi2_11268499_x1.....cggGgacgucgugggaacacg..... 1
 Gi2_11316565_x1.....gagacgucNugggaacacggggugccg..... 1
 Gi3_28603711_x1.....ccccgccaguacugcgauccgUgacg..... 1
 Gi2_11123470_x1.....cgccaguacugcgauccggaUac..... 1
 Gi2_11139306_x1.....ggaacacggggAgccgaa..... 1
 Gi3_28548398_x1.....gaagcgccgucagggccc..... 0
 Gi3_28332679_x1.....gcgcGgucagggccccgccagu..... 1
 Gi2_11065678_x1.....gugggaacacggggugcUgaacuu..... 1
 Gi1_4216983_x1.....cgugggaacacggggugccAaac..... 1
 Gi2_11138303_x1.....Caucggagacgucgugggaacacggggug..... 1
 Gi5_9055537_x1.....agagaagcgccAucaggccccgccagu..... 1
 Gi3_28647648_x1.....ccccccaguaUugcgauccg..... 1
 Gi2_11254875_x1.....gcgaucggagGcgucgugggaacacggg..... 1
 Gi5_8835995_x1.....ugcgauccgGgacgucguggg..... 1
 Gi3_28895805_x1.....guacugcgauccgGgacg..... 1
 Gi2_11330531_x1.....Ugugggaacacggggugccg..... 1
 Gi3_28638991_x1.....cgucgugggaacacggggugccgaa..... 1
 Gi3_28743409_x1.....guacugcgauccgagUcgucgug..... 1
 Gi3_28331041_x1.....Cguacugcgauccgagacgucg..... 1
 Gi5_8892346_x1.....agccUcgccaguacugcga..... 1
 Gi3_28452148_x1.ccAuaacucguccgaaau..... 1

Gi1a_6022297_x1.....aucggagacgucgugggaaacacgUggu..... 1
Gi1_4335276_x1.....caggccAcgccaguacugcgauccgaga..... 1
Gi5_8926046_x1.....gacgucgGgggaacacggggugccgaacu..... 1
Gi3_28493002_x1.....uggUaacacggggugccg..... 1
Gi2_11329459_x1.....gucgugggaaacaGggggugcc..... 1
Gi2_11227011_x1.....gCacugcgauccggagacguc..... 1
Gi1a_6123715_x1.....aucggagaAgucgugggaaacacggg..... 1
Gi2_11094206_x1.....aagGgaagcgccgucagggccccgcccag..... 1
Gi3_28351861_x1.....ucgugggGacacggggugc..... 1
Gi3_28700805_x1.....cUaguacugcgauccggagacgucgug..... 1
Gi3_28696960_x1.....ggaacCcggggugccgaa..... 1
Gi2_11179885_x1.....gucgugggaaacacggggugcU..... 1
Gi5_9119219_x1.....agacgCcgugggaaacacggggugc..... 1
Gi2_11367323_x1.....ucgggagacgucgugggaaacacgUggugc..... 1
Gi3_28329440_x1.....gccgucagguUcccgccaguacugcg..... 1
Gi5_8945433_x1.....acugUgauccggagacguc..... 1
Gi2_11104376_x1.....aagcgccgucagggccccgccaguacC..... 1
Gi3_28356116_x1.....ucaggccccgccaguacugUg..... 1
Gi3_28411159_x1.....Nggccccgccaguacugcga..... 1
Gi3_28947489_x1.....ucgggagacgucgugggGacacgg..... 1
Gi2_11168655_x1.....gacgucgugggaaacacggggUaccga..... 1
Gi3_28973512_x1.....cccgccaguacugcgauccgagacg..... 1
Gi1a_6157895_x1.....Uucggagacgucgugggaaacacggg..... 1
Gi1_4184171_x1.....ucaggcAccgccaguacugcgaucc..... 1
Gi2_11345632_x1.....gaucgggagacguUgugggaaacacggggugc..... 1
Gi5_9100429_x1.....gugggCacacggggugccgaa..... 1
Gi3_28531091_x1.....cccgccaguacuUccgauc..... 1
Gi3_28672744_x1.....aggccccgccaguacugcUauc..... 1
Gi2_11032815_x1.....ugcgauccgggagacgucgugggaaacacA..... 1
Gi2_11149660_x1.....cgucgugggaaUcacggggugccgaacu..... 1
Gi5_8938383_x1.....ccgccaguCucgcgauccggagacg..... 1
Gi5_8993293_x1.....ccccgccaguacugcgauccggagGcguc..... 1
Gi2_11165545_x1.....cccgccaguacugcgauccggagGcgucgu..... 1
Gi1_4387046_x1.....gGcgucagggccccgccaguacu..... 1
Gi2_11071456_x1.....Gaggccccgccaguacugcgauccggag..... 1
Gi1_4191641_x1.....Agugggaaacacggggugccgaac..... 1
Gi3_28531868_x1.....acgucuggCaacacggggugcc..... 1
Gi5_8942592_x1.....gagacgCcgugggaaacacggggugccgaacu..... 1
Gi1_4318947_x1.....uGgugggaaacacggggugccgaacu..... 1
Gi1a_6135016_x1.....gacgucgugggaaacacggggG..... 1
Gi3_28682352_x1.....gauNgggagacgucgugggaaacacgggg..... 1
Gi2_11313225_x1.....cGggccccgccaguacugcgauccggagac..... 1
Gi3_28966476_x1.....gAcccgccaguacugcgaucc..... 1
Gi2_11092766_x1.....cgucCugggaaacacggggugcc..... 1
Gi3_28859908_x1.....ucgggagacgucgugggaaacacggggugUc..... 1
Gi3_28477095_x1.....gagacgucgugggaaUacggggugccgaacu..... 1
Gi2_11201919_x1.....cgucagggccccgUcaguacugcgaucc..... 1

Gi3_28553099_x1.....aagagaagNgccgucagcg.....gucguggggaacacggggugccga..... 1
 Gi5_9007837_x1.....ucggCgacgucguggggaacacggggg..... 0
 Gi2_11192095_x1.....gUcgucguggggaacacggggugccg..... 1
 Gi3_28937650_x1.....Agccaguacugcgauccg..... 1
 Gi2_11173367_x1.....cggCgacgucguggggaacacg..... 1
 Gi5_9123820_x1.....gaucggagacgucAuggggaacacg..... 1
 Gi2_11308969_x1.....gaucggagacgucguUggaacac..... 1
 Gi2_11225544_x1.....aucggagacgucguggggaacaGggggg..... 1
 Gi2_11119321_x1.....cgucaggccccgccaguacCg..... 1
 Gl1_6300330_x1.....aggcccUgccaguacugcgauccgagacguc..... 1
 Gi3_28651506_x1.....gacgucguggggaacacggggg..... 0
 Gi1_4168152_x1.....caggccccgcagCacugcgauccg..... 1
 Gi2_11379161_x1.....ccccgccaguacugAgauc..... 1
 Gl1_6241029_x1.....aUacgucguggggaacacggggugccgaacu..... 1
 Gi3_28398885_x1.....cgauccgagacgucguggggaacCggggg..... 1
 Gi3_28282558_x1.....ggagacgucguggggaAacgg..... 1
 Gl1_6184934_x1.....gaucggagacgucgugggCacacggggg..... 1
 Gi1_4278275_x1.....agacgucgCgggaacacggggugcc..... 1
 Gi3_28889033_x1.....gccgucaggccccgccagAacug..... 1
 Gi3_28601157_x1.....gCacugcgauccgagacgucgug..... 1
 Gi1_4344351_x1.....caguacugcgauccgagacgucgu..... 0
 Gi3_28825764_x1.....gucguggggaacacggggugAc..... 1
 Gl1_6305844_x1.....ggaacacggggugccgaUc..... 1
 Gi2_11026749_x1.....aggccccgccaguacugGga..... 1
 Gi1_4278766_x1.....ggaacaGggggugccgaacu..... 1
 Gi5_9126971_x1.....caguacugcgauccgagacgucgCg..... 1
 Gl1_6188193_x1.....auUggagacgucgugggga..... 1
 Gi3_28856797_x1.....cgucaggccccgccaguacugcgauU..... 1
 Gi2_11169305_x1.....ucAuggggaacacggggugc..... 1
 Gi3_28860406_x1.....gaucggagUcgucguggggaacacg..... 1
 Gi2_11369594_x1.....agagaagcgccgucagggccccgccGg..... 1
 Gl1_4210946_x1.....ugggaaAacggggugccgaac..... 1
 Gl1_6152078_x1.....guacugcgCucggagacguc..... 1
 Gi1_4274982_x1.....gugggGacacggggugccgaacu..... 1
 Gi5_9045666_x1.....acgucgCgggaacacggggugccgaac..... 1
 Gi3_28321811_x1.....ccaguacugcgauccgCgacguc..... 1
 Gi3_28710095_x1.....cggagacgucguggggaacaUg..... 1
 Gl1_6298679_x1.....Agugggaacacggggugccg..... 1
 Gi3_28849181_x1.....cgccguAaggccccgcag..... 1
 Gi3_28290923_x1.....ucaggccccgccAuaucg..... 1
 Gi5_9091390_x1.....acgucgugAaacacggggugccgaac..... 1
 Gi2_11197036_x1.....aucggagacguAuggggaacacggggg..... 1
 Gi2_11222954_x1.....agagaagcgccgucCggccccgc..... 1
 Gi5_9116410_x1.....gcgccgucaggGccccccaguacug..... 1
 Gi2_11299684_x1.....acugcgauccgGgacgucgu..... 1
 Gi3_28797316_x1.....Accgccaguacugcgauccgagacgu..... 1

Gi3_28322829_x1.....cggagacgucgugCgaacacggggugcc..... 1
 Gi2_11261747_x1.....gccaguacAgcgaucgga..... 1
 Gi3_28816355_x1.....ccgucaggccccgccaguacugUg..... 1
 Gi5_8908615_x1.....gggaacacggggugccgUa..... 1
 Gi3_28317032_x1.....aagagaGgcgccgucagggccccgag..... 1
 Gi2_11327143_x1.....gucaggccccgagCacugcgaucggagacguc..... 1
 Gi3_28369732_x1.....gaagagaagcgccgucagggccccgag..... 1
 Gi5_9061142_x1.....cgugggaacacggggugccgaacuC..... 1
 G1a_6171226_x1.....gUacacggggugccgaacu..... 1
 Gi3_28917417_x1.....gaucggagacgucgugggaacaAggggugc..... 1
 Gi5_9107966_x1.....uggNaacacggggugccgaac..... 1
 Gi2_11140286_x1.....caggccccccaAuacugcg..... 1
 Gi2_11337136_x1.....gaucggagacgucgugggUacacggg..... 1
 G1a_6328895_x1.....cccgccaguacugcgCucggagacguc..... 1
 Gi2_11280712_x1.....gcgaucggNgacgucgugggaacacggg..... 1
 Gi3_28352860_x1.....gcgaucggagacgucgCgggaacacggggug..... 1
 Gi3_28787955_x1.....agagaagcgccgucagggccccUcc..... 1
 Gi2_11000198_x1.....gagacgucgugggaacacggggugccgCac..... 1
 Gi1_4243250_x1.....guggAaacacggggugcc..... 1
 Gi1_4315077_x1.....agacgucgugggaCcacggg..... 1
 Gi3_28285496_x1.....cccgccaguacugcgauU..... 1
 Gi5_8949968_x1.....gugggaacacggggugccgaGcuu..... 1
 G1a_6339229_x1.....gugggaacacgUggugccgaac..... 1
 Gi5_9075890_x1.....ccgucaggccccgccaguacugAg..... 1
 Gi5_8901746_x1.....ggccccgccGguacugcgauC..... 1
 Gi2_11365463_x1.....ucggagacgucgugggaacacggggA..... 1
 Gi3_28530312_x1.....gaagagaagcgccgAcaggcccc..... 1
 Gi2_11109608_x1.....ggccccgccaguacugcgCcg..... 1
 Gi3_28302621_x1.....cggagacgucgugggaCcacggggugcc..... 1
 Gi3_28564584_x1.....agaagcgccgCcaggccccgccaguacug..... 1
 Gi5_8981582_x1.....cCucaggccccgccaguacugcg..... 1
 G1a_6267886_x1.....aucAgagacgucgugggaacacgggg..... 1
 Gi1_4217854_x1.....gaucggGgacgucgugggaacacgggg..... 1
 Gi3_28829765_x1.....uaggaagagaagcgccgucagggcccc..... 0
 Gi2_11368314_x1.....gagacgucguggAaacacggggugcc..... 1
 Gi2_11123213_x1.....gacgucgugggaacaGggggu..... 1
 Gi3_28837029_x1.....aguacugcgaucggagCcguc..... 1
 Gi2_11043031_x1.....cUggccccgccaguacugcgaucggaga..... 1
 G1a_6128625_x1.....Ccgaucggagacgucgug..... 1
 Gi1_4389301_x1.....caguacugcgaucggagac..... 0
 Gi2_10992557_x1.....ggccccgccaguGcugcga..... 1
 Gi5_8904666_x1.....ccgccGguacugcgaucggaga..... 1
 Gi3_28444731_x1.....gccgucaggccccgccaguacuAcg..... 1
 Gi5_9050914_x1.....gugggaacacAgggugccg..... 1
 Gi1_4360015_x1.....gucgugggaacacggUgugccgaac..... 1
 Gi2_11085793_x1.....aguacugcgaucggagaAguc..... 1
 G1a_6271266_x1.....Ggucaggccccgccaguac..... 1

Gi1_4292754_x1.....ucaggccccgccCguacugcg..... 1
Gi2_11184356_x1.....Naucggagacgucgugggaacacgggg..... 1
Gi2_11095758_x1.....cgucaggccccgccUguacugc..... 1
G1a_6007725_x1.....gucaggccccgccagCacugcg..... 1
Gi1_4226235_x1.....uUggaacacggggugccgaa..... 1
Gi3_28913224_x1.....gaucggagacgucgugggaacaUggg..... 1
Gi2_11020348_x1.....agacgucgCgggaacacggggugcc..... 1
Gi2_11381595_x1.....caggccccgccaguacCgcgau..... 1
Gi3_28864370_x1.....Agagacgucgugggaacacggggugccga..... 1
Gi3_28742296_x1.....ucgugggaacacgUggugccgaa..... 1
Gi2_11002799_x1.....gaagcgccgCcaggccccgccaguacug..... 1
Gi1_4352531_x1.....aucggagacgCcgugggaacacggggugc..... 1
Gi2_11079803_x1.....Gcggagacgucgugggaac..... 1
Gi3_28673091_x1.....cgugggaacaAggggugccg..... 1
Gi2_11177768_x1.....gcUgucaggccccgccaguacugcgau..... 1
G1a_6111411_x1.....ggccccgccaguacCgcgau..... 1
Gi2_11341625_x1.....aggccccgccaguacugcgauCgagacguc..... 1
Gi2_11162462_x1.....ugcgauccggagacgucgugAgaaca..... 1
Gi2_11365119_x1.....cgucaggccccgccagCacugcgauccgga..... 1
Gi3_28666864_x1.....gaNacgucgugggaacacggggg..... 1
Gi3_28697064_x1.....cgucaggccccgccaguacugUgucgga..... 1
Gi3_28662030_x1.....cgccgucaggccccgcAag..... 1
Gi3_28876694_x1.....uacAgcgauccggagacguc..... 1
Gi3_28387432_x1.....Ngaacacggggugccgaa..... 1
Gi3_28535206_x1.....Ugucggagacgucgugggaacacgggg..... 1
Gi2_11193260_x1.....cgucgugggaacacgCggugccgaa..... 1
Gi1_4294549_x1.....gAgggaacacggggugcc..... 1
Gi2_11178120_x1.....aucggagacgucgugggaacacggUgugcc..... 1
Gi3_28376014_x1.....cgugggaacacUgggugccga..... 1
Gi2_11162460_x1.....aggccccgccaguacCgcgau..... 1
Gi5_8992399_x1.....cggagacgucgAgggaacacggggugcc..... 1
Gi2_11091492_x1.....cggCgacgucgugggaacacggggugc..... 1
Gi1_4228142_x1.....aucggagacgucguggAaacacggggugc..... 1
Gi2_11314345_x1.....aagagaagcgccgucagccccgccG..... 1
Gi1_4283914_x1.....Uaagagaagcgccgucagcccc..... 1
Gi3_28505872_x1.....acgucgugggaaAacggg..... 1
Gi3_28530844_x1.....cgucaggccccgccaguaUugc..... 1
Gi1_4201126_x1.....acgucgugggaacacggAgugccga..... 1
Gi4_573249_x1.....guacugcgauccggagacgucgugggaaca..... 0
Gi2_11389470_x1.....cggAaacgucgugggaacacggggugc..... 1
Gi5_9079325_x1.....cgucgugggaacGcggggugcc..... 1
Gi5_9059624_x1.....cagccAcgccaguacug..... 1
Gi3_28617757_x1.....caggcUccgccaguacugcgauccggagacgucgug..... 1
Gi2_11147144_x1.....ccgucaggccccUccaguacugcgau..... 1
Gi1_4282937_x1.....gaacacggggugccgaGcuu..... 1
Gi2_11057700_x1.....cgccaguacugcgauccggagGcgu..... 1
Gi2_11329027_x1.....gccccgccaguacugcAaucgg..... 1

Gi3_28421892_x1.....cgugggaacacggguUcc..... 1
 Gi2_11264762_x1.....gccccgAcaguacugcgau..... 1
 Gl1a_6023786_x1.....cgugggaacacgggCugcc..... 1
 Gl1a_6351561_x1.....gacgucgugAgaacacgggu..... 1
 Gi1_4355707_x1.....aucggagacgucGgggaacacgg..... 1
 Gi5_9022941_x1.....cgCgggaacacggggugccg..... 1
 Gi3_28903420_x1.....uaUugcgauccggagacgu..... 1
 Gi3_28919183_x1.....ccaguacugcgauccAgagacguc..... 1
 Gi3_28537806_x1.....cggagacgucgugggaGcac..... 1
 Gi1_4235064_x1.....gugggaacacggggugcUgaac..... 1
 Gi2_11040538_x1.....cgucgugggUacacggggugccg..... 1
 Gi2_11050727_x1.....gccccgccaguacugcgC..... 1
 Gi5_9024171_x1.....caguacugcgauccggagGcgucgug..... 1
 Gi2_11189433_x1.....uacugcgauccggGgacgucgug..... 1
 Gi2_11261919_x1.....gaagagaagcgcUgucagccccg..... 1
 Gl1a_6093579_x1.....aucggGgacgucguggaa..... 1
 Gi4_570924_x1.....caggccccgccaguacugcga..... 0
 Gi3_28480689_x1.....agagGagcgccgucaggcc..... 1
 Gi3_28396346_x1.....ccccccagCacugcgauccggagacgucgu..... 1
 Gl1a_6048779_x1.....cgucagggccccgccaguacugcgauccggaga..... 0
 Gi5_8928931_x1.....aucggagacCucgugggaacac..... 1
 Gi5_9026386_x1.....gacgucgugggaacacggggugccgaaA..... 1
 Gi2_11115769_x1.....gAgaacacggggugccga..... 1
 Gi3_28390595_x1.....ucgugggUacacggggugcc..... 1
 Gi2_11169326_x1.....guacugcgaCcgagacgucg..... 1
 Gi5_8920954_x1.....ugcgauccAgagacgucguggg..... 1
 Gi2_11382041_x1.....gucagggccccCccaguacugc..... 1
 Gi3_28708404_x1.....cgucgugggaacacgggA..... 1
 Gi2_11098686_x1.....acgCcgugggaacacggggugc..... 1
 Gi3_28428926_x1.....gccagAacugcgauccggagacguc..... 1
 Gi3_28676665_x1.....cggagacgucgugUggaacacgg..... 1
 Gl1a_6188465_x1.....gccaguGcugcgauccggagacguc..... 1
 Gi3_28826877_x1.....cggagacgucgugggaaAacggg..... 1
 Gi3_28830963_x1.....cagggCccgccaguacugcg..... 1
 Gi3_28640612_x1.....cggagacgucgugggGacacgggg..... 1
 Gi2_11142481_x1.....gaucggagacgucgUAggaacacggg..... 1
 Gi3_28639545_x1.....gucagggccccgccaguacugcgaCcgga..... 1
 Gi4_611216_x1.....cgAcagggccccgccaguacugc..... 1
 Gi5_9071660_x1.....cCucgugggaacacggggugcc..... 1
 Gi5_9028194_x1.....acGcggggugccgaaacuuu..... 1
 Gl1a_6109655_x1.....gucgugggCacacggggugccga..... 1
 Gi1_4389092_x1.....Ccgauccggagacgucguggg..... 1
 Gi1_4246711_x1.....gacgucgugggaacacggggugcUgaacu..... 1
 Gi4_593319_x1.....ugggaacacggggugccgaUcu..... 1
 Gi5_9111829_x1.....ggaacaUggggugccgaa..... 1
 Gi3_28528827_x1.....gaUgagaagcggcugcagggccccccag..... 1
 Gi1_4389916_x1.....gugggaCcacggggugccgaa..... 1

Gi3_28264210_x1.....acugcgauccggagacguAgug..... 1
 Gi2_11295483_x1.....gccccgccaguGcugcgau..... 1
 Gi3_28469184_x1.....gccgucagggcccUgccaguacug..... 1
 Gi2_11198754_x1.....gugggaacacgCggugccgaa..... 1
 Gi1_4169079_x1.....Ugaucggagacgucgugggaacacggggugc..... 1
 Gi3_28889491_x1.....ggccccgccaguacugAgaucggagac..... 1
 Gi4_5791113_x1.....cAucgugggaacacggggugcc..... 1
 Gi1_4200199_x1.....cgucgugggaacaUggggugcc..... 1
 G1a_6005315_x1.....gugggaacacgggAugccga..... 1
 Gi2_11260703_x1.....gacgucgugggaacGcggggg..... 1
 Gi2_11383967_x1.....gggaacUcggggugccgaa..... 1
 Gi3_28981373_x1.....aucggagacgucgugggUacacgggg..... 1
 Gi3_28969845_x1.....gAgggaacacggggugccgaaacu..... 1
 Gi5_8853628_x1.....gacgucgugggaacacgUggugccg..... 1
 Gi2_11284491_x1.....agaagcgcNcucagggccccgccagua..... 1
 G1a_6005448_x1.....gaagcgcgcgucagcccUcggcagu..... 1
 Gi2_11266782_x1.....uaggaagagaagcgcgcguc..... 0
 Gi3_28918950_x1.....gccccgcUaguacugcgauccggaga..... 1
 Gi2_11175619_x1.....gagacguUgugggaacacggggugc..... 1
 Gi3_28574005_x1.....gGgaucggagacgucgugggaacacggggugcc..... 1
 Gi2_11030725_x1.....gucaUgccccgccaguacugcg..... 1
 Gi3_28765382_x1.....aucggagacgucgugggaacacgAggugccg..... 1
 Gi4_587038_x1.....aggccccgccaguacugc..... 0
 Gi2_11015436_x1.....cugcgauccggagacgucgugAgaacacggggu..... 1
 Gi3_28858376_x1.....aggccccgccaguacugcgauccg..... 1
 Gi3_28908963_x1.....ucaggccccAccaguacugcga..... 1
 G1a_6156067_x1.....aucggagacgucgugggaacacgCggu..... 1
 G1a_6055454_x1.....Aggagacgucgugggaacacg..... 1
 Gi1_4209235_x1.....gggaacacggggugccgaU..... 1
 Gi1_4340617_x1.....ucaAgccccgccaguacugcg..... 1
 Gi2_11361272_x1.....gagacgucguggCaacacggggugccg..... 1
 Gi5_8868413_x1.....cCggccccgccaguacugcg..... 1
 Gi3_28717562_x1.....ucaggccccgAcaguacugcgauc..... 1
 G1a_6333566_x1.....caggcccAgccaguacug..... 1
 Gi3_28821691_x1.....cgucagggccAcgccaguacugcg..... 1
 Gi2_11302223_x1.....aucggagacgucgugggaacacgUggugcc..... 1
 Gi3_28313448_x1.....acgucgugggaacacggggugUcga..... 1
 Gi5_8915987_x1.....aggccccgNcaguacugc..... 1
 Gi2_11253480_x1.....ccUccaguacugcgaucggagacguc..... 1
 Gi3_28931522_x1.....ggagacgucgGgggaacacggggugcc..... 1
 G1a_6351812_x1.....aucggagacgucgugggaacacgggguAc..... 1
 Gi3_28710516_x1.....gagaagcgUcgucagggccccgc..... 1
 Gi2_11323986_x1.....ggaCacgucgugggaacacggggugc..... 1
 Gi3_28951989_x1.....aucggagacgCcgugggaacacggggugccgaa..... 1
 Gi3_28883030_x1.....ggccccgcAaguacugcgauc..... 1
 Gi1_4216268_x1.....ucggagacgucgugggaCcacg..... 1
 Gi2_11075933_x1.....gaucggCgacgucgugggaacac..... 1

Gi5_8937912_x1.....caggccccgccaguacuUcg..... 1
 Gi5_8981909_x1.....gagacgucguggggaGcacggggugccgaacu..... 1
 Gi5_8990070_x1.....agacgCcguggggaacacggggugccga..... 1
 Gi3_28984154_x1.....gaagagaagcgccgucCggccccgc..... 1
 Gi3_28502334_x1.....acgucgugggaaacacggggugGcgaac..... 1
 Gi3_28789237_x1.....caggccccgccaguGcugcgauccggaga..... 1
 Gi3_28627435_x1.....ucaggccAcgccaguacugcg..... 1
 Gi2_11396700_x1.....aggccccgccaguacugcgaucaAga..... 1
 Gi3_28583822_x1.....cgUcgucaggccccgccaguacu..... 1
 Gi3_28298501_x1.....acugcgauccggagGcguc..... 1
 Gi2_11252626_x1.....ucGggccccgccaguacugcgauccgga..... 1
 Gl1_6132668_x1.....aAuacugcgauccggagacgucgu..... 1
 Gi2_11003098_x1.....agaagcgccgucaggccccgcAa..... 1
 Gi1_4383125_x1.....ggagacgucguAggaacacggggugccg..... 1
 Gi2_11234180_x1.....aggccccgUcaguacugcgauccggagacg..... 1
 Gi3_28949827_x1.....agacgucCugggaacacggggugcc..... 1
 Gi3_28812176_x1.....caggccccgccaguacugcgGucggagacguc..... 1
 Gi3_28457323_x1.....gucgugggaaacacggggAgc..... 1
 Gi1_4216317_x1.....gagacgucguggggaacacggggugccgGacu..... 1
 Gi2_11251211_x1.....cgauccggagacgucgugAgaacacggggugc..... 1
 Gi2_11128233_x1.....aucggagCcgucguggggaacacg..... 1
 Gl1_6278743_x1.....gauccggagacgucguggggaacacggggG..... 1
 Gi4_568442_x1.....cgugggaaacacggggugccgCac..... 1
 Gi2_11166583_x1.....agaagUgcccgucaggccccgcc..... 1
 Gi3_28361279_x1.....cgccgucaggccccgccaguGc..... 1
 Gi2_11003254_x1.....gccgucaggccccAccaguacugcg..... 1
 Gi3_28943835_x1.....caggccccUgcccaguacugcgauccgga..... 1
 Gi3_28928490_x1.....ucCugggaacacggggugcc..... 1
 Gi2_11130052_x1.....cgccaguacugcUaucgg..... 1
 Gi3_28555262_x1.ccuuaacAcguuccgaau..... 1
 Gi3_28476374_x1.....cgccaguacugcgGucggagacg..... 1
 Gi5_8955386_x1.....caAuacugcgauccggagacgucgug..... 1
 Gi3_28573965_x1.....gugggaacacgggCugcc..... 1
 Gi2_11200928_x1.....aAacgucgugggaaacacggggugccgaac..... 1
 Gi5_8964582_x1.....ucagAccccgccaguacugcgaucc..... 1
 Gi5_8906821_x1.....aggccccgccUguacugcgaucc..... 1
 Gi3_28769935_x1.....gcccgucaggccccgccaguCuugc..... 1
 Gi3_28971847_x1.....cAgagacgucgugggaaacacgggg..... 1
 Gi3_28692720_x1.....cgucguggggaGcacgggg..... 1
 Gi3_28324173_x1.....gucaggccccgccaguacugUg..... 1
 Gi2_11305826_x1.....caggccccCccaguacugcgauccggagacg..... 1
 Gi1_4200279_x1.....caguacugcgauccggGgacgu..... 1
 Gl1_6278591_x1.....gucaggccccgccUguacugc..... 1
 Gi3_28988139_x1.....Agucgugggaaacacggggugc..... 1
 Gi3_28351635_x1.....Ngggaaacacggggugccgaac..... 1
 Gi2_11216679_x1.....ggagacgucgugggaaacacggggugGc..... 1
 Gi3_28872754_x1.....gugggaacaGggggugccg..... 1

Gi1a_6222695_x1.....agAcccccgcagucugcg..... 1
 Gi3_28558994_x1.....gccgucGggccccgcaguc..... 1
 Gi1_4160358_x1.....ucgugggaacacggggugccCaacu..... 1
 Gi3_28473782_x1.....ugcgaucgagagaUgucgugggaacacggg..... 1
 Gi2_11154932_x1.....ggcccAgccagucugcgaucggagacgu..... 1
 Gi1a_6284882_x1.....aucggagacgucgugggaaAacgg..... 1
 Gi3_28840946_x1.....cgUagacgucgugggaacacg..... 1
 Gi3_28721805_x1.....gagacgucgugggaacacggggGgccgaacu..... 1
 Gi5_8901890_x1.....ugggaacacggggugccga..... 0
 Gi2_11057598_x1.....aggccccgcaguaGugcgaucgga..... 1
 Gi2_11102079_x1.....cccgccaguGcugcgaucggagacgu..... 1
 Gi5_9114579_x1.....cgugggCacacggggugcc..... 1
 Gi3_28648564_x1.....ggagacgucgugggaacacggggGcggga..... 1
 Gi2_11088274_x1.....aggccccAccagucugcgaucg..... 1
 Gi2_11261420_x1.....Gccgccagucugcgaucggagacgu..... 1
 Gi1a_6055296_x1.....gaucggagacgucgugggaGcac..... 1
 Gi3_28301576_x1.....gucgCgggaacacggggugcc..... 1
 Gi2_11119935_x1.....ucggagaUgucgugggaacacggggugccgaac..... 1
 Gi2_11021932_x1.....Nucggagacgucguggga..... 1
 Gi1a_6120606_x1.....cgccagucugcgCucggagacguc..... 1
 Gi5_8992121_x1.....aacacggggugUcgaacuuu..... 1
 Gi3_28599540_x1.....gaucggCgacgucgugggaacacggggugcc..... 1
 Gi5_9126307_x1.....aCcgagacgucgugggaacac..... 1
 Gi2_11125162_x1.....aguacugcgaucggUgac..... 1
 Gi3_28642768_x1.....ucgugggaaUacggggugcc..... 1
 Gi1_4172265_x1.....cgugggaacacggggugccgaaAuu..... 1
 Gi3_28626963_x1.....cagGacugcgaucggagacguc..... 1
 Gi1_4163057_x1.....aucggagacgucgugggaacGcgg..... 1
 Gi2_11232856_x1.....gcgaucAgagacgucgugggaacacggggugc..... 1
 Gi2_11277303_x1.....cgUcagucugcgaucggagacgucgug..... 1
 Gi3_28329797_x1.....cccgccagucugUgaucgga..... 1
 Gi5_9108145_x1.....ugcAaucggagacgucguggg..... 1
 Gi4_588889_x1.....gugggaacacggggugccgUacu..... 1
 Gi5_8946142_x1.....gucgugUgaacacggggugccgaacu..... 1
 Gi1a_6104325_x1.....Gggagacgucgugggaacacggggug..... 1
 Gi3_28303681_x1.....cgugCgaacacggggugccga..... 1
 Gi1_4234656_x1.....gacgucgugggaGcacggggugcc..... 1
 Gi3_28943887_x1.....cccgccagucAgcgaucggagacg..... 1
 Gi3_28800576_x1.....ugggaacacggCgugccg..... 1
 Gi1a_6051036_x1.....gugggaacacggggugAcg..... 1
 Gi2_11335445_x1.....agUagcgccgucagggccccgcaguc..... 1
 Gi1a_6255725_x1.....gaucggagacgucgCgggaa..... 1
 Gi3_28276001_x1.....gagGcgucgugggaacacg..... 1
 Gi3_28433496_x1.....gAcagucugcgaucggagacgucgug..... 1
 Gi3_28633324_x1.....cggagacgucgugggaCcacggggugccga..... 1
 Gi1a_6359019_x1.....aacacggggugcUgaacu..... 1
 Gi5_8908866_x1.....ucUggccccgcagucugcg..... 1

Gi5_8859712_x1.....ggaacacggggugcGgaac..... 1
 Gi5_8959862_x1....aacucguuccgaaauaUgaaga..... 1
 Gi3_28878725_x1.....ccccgccaguacugcUaucgga..... 1
 Gi1_4360245_x1.....cgAgggaacacggggugccgaa..... 1
 G1a_6110223_x1.....gAccccgccaguacugcg..... 1
 Gi3_28566948_x1.....gaagcgccNucaggccccgccaguacu..... 1
 Gi2_11118174_x1.....uGggagacgucgugggaaacacggggugccg..... 1
 Gi5_9123985_x1.....acgucgugCgaacacggggugccgaacu..... 1
 Gi2_11165645_x1.....cgaucggagaUgucgugggaaacac..... 1
 Gi1_4195548_x1.....cggaCacgucgugggaaacacggggugc..... 1
 Gi1_4381477_x1.....cgucguggUaacacggggugccgaacu..... 1
 Gi2_11204538_x1.....ggagacgucgugggaaacacggggugccgGa..... 1
 Gi3_28789204_x1.....gcUaucggagacgucgugggaaacacggg..... 1
 Gi3_28627496_x1.....cAccaguacugcgaucg..... 1
 Gi4_612266_x1.....cgucgugggaaacacggggugUcga..... 1
 Gi3_28814031_x1.....cgucaggccccgccaguacugcgGucgga..... 1
 Gi2_11324319_x1.....gagaagcgccgucaAgccccgcc..... 1
 Gi2_11387324_x1.....aCgcccguacaggccccgccagua..... 1
 Gi3_28745280_x1.....caguacugcgauccggagacgucgCg..... 1
 Gi3_28533938_x1.....caguacugcgauccgAagacgucgug..... 1
 Gi2_11117084_x1.....ccccgccaguacugcgauccg..... 0
 G1a_6118028_x1.....aggccccgccagGacugcg..... 1
 G1a_6184830_x1.....cgUagacgucgugggaaacacggggugcc..... 1
 Gi3_28837703_x1.....aaUacggggugccgaacuu..... 1
 Gi3_28409472_x1.....cgucaggccccgccGgua..... 1
 Gi1_4275104_x1.....cggagacguUgugggaaacacggggugcc..... 1
 Gi3_28777639_x1.....cuUcgaucggagacgucg..... 1
 Gi3_28748198_x1.....cggagacgucgCgggaacacggg..... 1
 G1a_6214735_x1.....acgucgugggaaacacggggugccgaacu..... 1
 Gi3_28780562_x1.....acgucgugggaaacacCggggugccgaacu..... 1
 Gi1_4250194_x1.....aucggGgacgucgugggaaacacgg..... 1
 Gi3_28361834_x1.....aucggagacgucgUcGgaacac..... 1
 Gi3_28546928_x1.....uggNaacacggggugccg..... 1
 G1a_6063260_x1.....ugggaacacggggugccgCac..... 1
 Gi3_28687361_x1.....aguGcugcgauccggagacg..... 1
 Gi5_9137612_x1.....gggaacacAgggugccgaa..... 1
 Gi3_28965141_x1.....aagcgccgucaggcccAgccaguacugc..... 1
 Gi2_11116980_x1.....cgccUucaggccccgccagu..... 1
 Gi1_4272206_x1.....cggagaUgucgugggaaacacggg..... 1
 G1a_6072218_x1.....acugcgauccggUgacguc..... 1
 Gi2_11178714_x1.....gcgauccggagaUgucgugggaaacac..... 1
 G1a_6338639_x1.....caguacugcgauUggagac..... 1
 Gi1_4182911_x1.....ugggaacacCggggugccg..... 1
 Gi5_9053179_x1.....cGgagacgucgugggaaacacggg..... 1
 Gi1_4215464_x1.....gagaagcgccgucaggccccgc..... 0
 Gi5_9091832_x1.....gccgucaggccccgcUaguacugc..... 1
 Gi3_28907827_x1.....ccaguacugcgauccggagacgucgCg..... 1

Gi3_28448276_x1.....aggccccgccaguacugUgaucggagac..... 1
 Gi2_11109036_x1.....ccccAccaguacugcgauccggagacgucg..... 1
 Gi2_11070930_x1.....gucagggccccAccaguacugcg..... 1
 Gi3_28515481_x1.....gagacgucgugggaaacCcggggugccgaac..... 1
 Gi5_8918407_x1.....ccgucagggccccgccGguacugcg..... 1
 Gi2_11249860_x1.....Cagacgucgugggaaacacggggugcc..... 1
 Gi1_4371872_x1.....aucggagacgucguAggaacacgggg..... 1
 G1a_5990979_x1.....aacacAgggugccgaacu..... 1
 G1a_6193869_x1.....cgucagggccccGcaguacu..... 1
 G1a_6354956_x1.....cggagacgucgugggaaacacggAgu..... 1
 Gi2_11234005_x1.....aucggagacgucgugAga..... 1
 Gi4_586383_x1.....ucgugggaaNcacggggugccgaacu..... 1
 Gi5_8851093_x1.....cGggccccgccaguacugcgau..... 1
 Gi3_28901878_x1.....aggccccgccaguacugcCauc..... 1
 Gi3_28859468_x1.....gccccgccaguacugcgGucgg..... 1
 Gi3_28480853_x1.....gccgucagggccAcgccaguacugcg..... 1
 Gi5_8941521_x1.....cgccaguacugcgauacgAagacguc..... 1
 Gi3_28806121_x1.....ugUgaucggagacgucgugggaa..... 1
 Gi3_28904404_x1.....gccccgccaguacuAcgauc..... 1
 Gi2_11040731_x1.....gaucggagacAucgugggaaacacggggugc..... 1
 Gi3_28296299_x1.....ccgccaguacugcgauacAgagacgu..... 1
 Gi3_28920180_x1.....aucggagacgucgugggaaacaAgg..... 1
 Gi3_28935219_x1.....cagggccccgUaguacugcgauccgga..... 1
 Gi3_28446946_x1.....ucCgagacgucgugggaaacacgggggu..... 1
 Gi3_28912773_x1.....aguacugcgaCcgagacg..... 1
 Gi1_4328951_x1.....acgucgugggaaacacgAggugcc..... 1
 Gi3_28520791_x1.....gacgCcgugggaaacacgggg..... 1
 Gi2_11152878_x1.....cgNgggaaacacggggugccga..... 1
 Gi5_8841939_x1.....cggagacgucguUggaacacgg..... 1
 Gi2_11059439_x1.....aagagaagcgccgucagggccccgccaguacugcg..... 0
 Gi3_28324735_x1.....gucguggUaacacggggugccgaac..... 1
 Gi3_28295047_x1.....gaagagCagcgccgucaggg..... 1
 Gi3_28489372_x1.....Uccgccaguacugcgauccggagacgu..... 1
 Gi2_11229693_x1.....ggagacgucgugggaaacacggggugAcg..... 1
 Gi2_11205226_x1.....aucggaAacgucgugggaaac..... 1
 Gi2_11038656_x1.....gaagcgUgucagggccccgccag..... 1
 Gi5_8830799_x1.....aaUacggggugccgaacuuu..... 1
 Gi3_28562281_x1.....cgauccggagacgucgGgggaaacacg..... 1
 Gi1_4265704_x1.....cagggccccgccaguacugcgauccggagau..... 1
 Gi5_9001652_x1.....gucagggccccgccaguacAgcg..... 1
 Gi2_11215470_x1.....gUagagaagcgccgucagggccccgccag..... 1
 Gi1_4350807_x1.....ucagggccccgccaguaUugcg..... 1
 Gi2_11302486_x1.....gagaagcgGcgucagggccccgccaguac..... 1
 Gi3_28581080_x1.....gacgucgCgggaaacacggg..... 1
 Gi5_9128641_x1.....cggagacgucguAggaacacg..... 1
 Gi3_28698046_x1.....gccgucggaUacgucgugggaaacacggggugcc..... 1
 Gi3_28425386_x1.....cgauccggagacgucgugggaaacac..... 0

Gi1a_6133798_x1.....gagaagUgccgucaggccc..... 1
Gi1_4321284_x1.....ucggagacgucguggggaacaUg..... 1
Gi3_28421296_x1.....cccgccagucugcgauCgAgacgu..... 1
Gi2_11019653_x1.....Cagacgucgugggaaacacggggugccgaacu..... 1
Gi1_4179185_x1.....cggagacgucguAggaacacgggg..... 1
Gi3_28753298_x1.....Cagacgucgugggaaacacggggugccga..... 1
Gi2_11004909_x1.....cggagacgucgugggaaacacggCgugcc..... 1
Gi3_28637507_x1.....caggcccAgccagucugcg..... 1
Gi3_28834290_x1.....gccccgccagucAgcgauc..... 1
Gi3_28896225_x1.....gccagucugcgauCagag..... 1
Gi3_28503006_x1.....gagacgucgugguUaacacggggugcc..... 1
Gi3_28380094_x1.....agaagAgccgucaggccc..... 1
Gi2_11154333_x1.....ccgucaggccccgccaguCugcg..... 1
Gi2_11073626_x1.....caggccccgccagucAgcgau..... 1
Gi3_28946124_x1.....cgugggaacacggggugccgaaAuu..... 1
Gi1_4377845_x1.....ggaacCcggggugccgaac..... 1
Gi1_4390414_x1.....gucgugggGcacggggugcc..... 1
Gi3_28708663_x1.....cugcgauCggagacgucgA..... 1
Gi2_11155839_x1.ccCuaacucguuccgaa..... 1
Gi3_28487504_x1.....gagGcgucgugggaaacacggggugccg..... 1
Gi3_28607970_x1.....ucCggccccgccagucugcgauC..... 1
Gi5_9025853_x1.....gaucggagacgucgugggaaacacC..... 1
Gi2_11147443_x1.....ccagucugcgauCggagacgC..... 1
Gi2_11236659_x1.....Acggagacgucgugggaaacacggggu..... 1
Gi1a_6262581_x1.....aCuacugcgauCggagac..... 1
Gi5_8986576_x1.....agacgucgugggGcacggggu..... 1
Gi2_11091314_x1.....gucaggcccAgccagucugcg..... 1
Gi5_8926016_x1.....aucggagacgucgugggCaacacgg..... 1
Gi2_11024932_x1.....ugggaacacUgggugccgaa..... 1
Gi3_28335712_x1.....aggccccgccagucugcgA..... 1
Gi3_28838295_x1.....gucaggccccgccagucugcgauA..... 1
Gi3_28737659_x1.....aggccccCccagucugcgauCggaga..... 1
Gi1a_6131388_x1.....cgugggaacacggggugcU..... 1
Gi3_28859421_x1.....agaagcgccguAaggccccgcca..... 1
Gi3_28822599_x1.....ccccUccagucugcgauCggagacguc..... 1
Gi3_28688756_x1.....gaagaUaagcgccgucaggccccgccaguc..... 1
Gi3_28644177_x1.....ccgucaggccccgccagucAgcg..... 1
Gi2_11233051_x1.....aagagaagcgccgucagAccc..... 1
Gi5_9087098_x1.....aucgUagacgucgugggaaacacggg..... 1
Gi2_11329447_x1.....ggaAacgucgugggaaacacggggugcc..... 1
Gi1_4324342_x1.....gccgucagNccccgccaguc..... 1
Gi2_11318160_x1.....gucgugguUaacacggggugccga..... 1
Gi2_11101105_x1.....cggagacgucgugggaaacUc..... 1
Gi1a_6322999_x1.....aucgUagacgucgugggaaacacggg..... 1
Gi5_8930734_x1.....ggaacacgggAugccgaaC..... 1
Gi3_28426234_x1.....gaGgagaagcgccgucaggccccgccag..... 1
Gi3_28702159_x1.....gaUgagaagcgccgucaggccccgccag..... 1

Gi2_11300848_x1.....aaagagUagcgccgucagggccc..... 1
 Gi3_28754060_x1.....caguacugUgaucggagacguc..... 1
 Gi3_28889505_x1.....aucggagacgucgugggaacacggCgugc..... 1
 Gi2_11230980_x1.....gucgugggaacaAggggugc..... 1
 G1a_6328957_x1.....ggccccgccGguacugcgau..... 1
 Gi2_10995116_x1.....gCaacacggggugccgaa..... 1
 Gi2_11098030_x1.....gaacacAgggugccgaa..... 1
 Gi5_8875225_x1.....agAccccgccaguacugcgau..... 1
 Gi5_9005713_x1.....gagacgucgugggaacacAgggugccgaa..... 1
 Gi1_4335522_x1.....caggccccgccaguacugcgau..... 0
 Gi5_8995561_x1.....gccgucagggccccgccCguacu..... 1
 Gi2_11100423_x1.....Aaguacugcgau..... 1
 Gi2_11185723_x1.....cggagacgucGgggaacacgggugccgaa..... 1
 Gi3_28759480_x1.....agcgccgucagAccccgcc..... 1
 Gi3_28854769_x1.....cggagacgucgugggaacaUgggugccg..... 1
 Gi2_11015461_x1.....cggagacguUgugggaaca..... 1
 Gi3_28526175_x1.....gucgugggaacacggAgugcc..... 1
 Gi2_11089069_x1.....cggagacgucgugggaacGcggggu..... 1
 Gi2_11301282_x1.....agacgucgugggaacacggUgugccg..... 1
 Gi2_11307867_x1.....aucggagacgucgugggCacacggg..... 1
 Gi3_28265456_x1.....aucggagaNgcgugggaacacgggug..... 1
 Gi2_11051990_x1.....ucguCgggaacacgggugccg..... 1
 Gi3_28784743_x1.....cgccaguGcugcgau..... 1
 Gi1_4220535_x1.....aucggagacgucgugggaacaUg..... 1
 Gi3_28610678_x1.....cgaucCgagacgucgugggaacacg..... 1
 G1a_6176024_x1.....cccgccagNacugcgau..... 1
 Gi1_4326793_x1.....gaNgcgugggaacacgggugccgaa..... 1
 Gi2_11173161_x1.....ggccccgccaguUcugcgau..... 1
 Gi1_4386517_x1.....acgucgugggGacacgggugcc..... 1
 Gi2_11403408_x1.....acGgcgaucggagacgucgu..... 1
 G1a_6207788_x1.....caggccccAccaguacugcg..... 1
 G1a_6206716_x1.....gGagcgccgucagggccccccagu..... 1
 Gi2_11271456_x1.....agacgucgugggaacCcggggugccgaa..... 1
 Gi2_11221812_x1.....cgugggaacacgggugccCa..... 1
 Gi5_9129798_x1.....gugggaacacgggugGcgaac..... 1
 Gi3_28282999_x1.....cgucguggCaacacgggugccgaa..... 1
 G1a_6269816_x1.....ugcgau..... 1
 Gi3_28539230_x1.....cgucguggUaacacgggugcc..... 1
 Gi2_11224533_x1.....agaagcgccgucagggccccccaguacug..... 0
 Gi3_28446081_x1.....cgucgugggUaacacgggugccg..... 1
 Gi1_4171445_x1.....gaucggagacguUgugggaacacgg..... 1
 G1a_6047395_x1.....aguacuCcgau..... 1
 Gi3_28585568_x1.....aagagaagcgccgucagggcccA..... 1
 Gi1_4213776_x1.....ggccccgccaguacCgcgaucggagacg..... 1
 Gi2_11105179_x1.....ccgucagggcUcgccaguacugc..... 1
 Gi3_28529794_x1.....gaaAcgcccgucagggccccccagua..... 1
 Gi2_11292121_x1.....agacgucgugggaacacgggUaccgaa..... 1

Gi3_28572009_x1.....caggccccgccaCuacugcg..... 1
 Gi5_8864757_x1.....gccgucaggccccgccaguacugU..... 1
 Gi3_28755393_x1.....agaaAcgcccugcaggcccc..... 1
 Gi4_606662_x1.....gaagcgccgucaggccccgcc..... 0
 Gi3_28474812_x1.....cgucaggccccgccaguacugcgauccggagacguc..... 0
 Gi3_28296902_x1.....ggaacacgggAugccgaa..... 1
 Gi3_28301295_x1.....acgucCugggaacacggggugccgaacu..... 1
 Gi2_11325036_x1.....gaucggagacgucgAggga..... 1
 Gi3_28337173_x1.....caggccccgccaUuacugcga..... 1
 Gi3_28293718_x1.....cgNgggaacacggggugc..... 1
 Gi3_28905806_x1.....ucaggccccgccaguacAgc..... 1
 Gi2_11107755_x1.....ccccgccaguaAugcgauccggagacg..... 1
 Gi1_4354513_x1.....gagaagcgccgucaggcccc..... 0
 Gi2_11066590_x1.....acgucgugggaCcacggggugccgaa..... 1
 Gi3_28781327_x1.....cgucaggccccgccaguUcug..... 1
 Gi2_11179967_x1.....acAgcgauccggagacgucgugg..... 1
 Gi5_8926299_x1.....aNgagaagcgccgucaggcccc..... 1
 Gi3_28327131_x1.....gagacgucgugggUacacggggugccg..... 1
 Gi2_11124872_x1.....aagGgaagcgccgucaggccccgcca..... 1
 Gi5_8957289_x1.....gCgaacacggggugccgaa..... 1
 Gi3_28693857_x1.....gaucggagacgucgugggaaAac..... 1
 Gl1_6238654_x1.....gAagacgucgugggaacacg..... 1
 Gi2_11188971_x1.....aggccccgUcaguacugcgau..... 1
 Gi1_4354566_x1.....gGucggagacgucgugggaacacgg..... 1
 Gi5_9004006_x1.....cgugggaacacggggugGcga..... 1
 Gi2_11381419_x1.....gugggaacacggggugccg..... 1
 Gi5_8851026_x1.....aAcggagacgucgugggaacac..... 1
 Gi2_11000214_x1.....aucgUagacgucgugggaa..... 1
 Gi2_11158685_x1.....ggagUcugcugugggaacacggggu..... 1
 Gi2_11131652_x1.....ucgggagacgucgugggGacacggggugccga..... 1
 Gi3_28880863_x1.....ccccgccaguacugcgauccggagCcgucgug..... 1
 Gl1_6268555_x1.....cggagacgucAugggaaacacggggu..... 1
 Gi1_4387893_x1.....ugggaacacggggugcUgaac..... 1
 Gi2_11212906_x1.....ucguggUaacacggggugccgaacu..... 1
 Gi5_9117015_x1.....gugggaacacggggugccgUacuuu..... 1
 Gi3_28625773_x1.....cgugggaacacggggucCccgaa..... 1
 Gi5_8918457_x1.....acgucgugggaacacAgggugcc..... 1
 Gi3_28828925_x1.....cCggccccgccaguacugc..... 1
 Gi3_28586308_x1.....ccccgccaguacugcgaGcggagacgu..... 1
 Gi5_9000212_x1.....ucaggccccgccGguacugcg..... 1
 Gi1_4168137_x1.....ucgugggaacacggggugccC..... 1
 Gi3_28767486_x1.....cccgccaguacugcgauccggagUcugc..... 1
 Gi2_11300504_x1.....ggccccgcNaguacugcga..... 1
 Gi2_11361612_x1.....Aaggccccgccaguacugc..... 1
 Gi1_4236751_x1.....gugggaacaGggggugccgaacu..... 1
 Gi2_11277824_x1.....aucggUgacgucgugggaacacgg..... 1
 Gi3_28747170_x1.....gacgucgugggaacacgC..... 1

Gi3_28270302_x1	.....cgugggaacacggggugcGg	1
Gi3_28388223_x1	.....cggCgacgucgugggaacacggg	1
Gi3_28477941_x1	.....gucguggCaacacggggugccgaac	1
Gi2_11311439_x1	.....aucggCgacgucgugggaacacg	1
Gi3_28887424_x1	.....gccNucaggccccccagacuacugcg	1
Gi3_28371285_x1	.....cgCcgugggaacacgggggu	1
Gi2_11127342_x1	.....cguAggaacacggggugccg	1
Gi3_28295471_x1	.....ucgugggaacacggggugcGgaa	1
Gi3_28667521_x1	.....gucaggAcccgccagacuacugc	1
Gi1_4291388_x1	.....guacugcgauccggagacgu	0
Gi3_28275088_x1	.....cccgccGguacugcgauccgga	1
Gi1_4272748_x1	.....gccgucaggccccgccGguacu	1
Gi3_28331419_x1	.....ugNgaacacggggugccgaa	1
Gi3_28733181_x1	.....cgccagacuacugcgauccggagaUgu	1
Gi3_28635305_x1	.....caggcGccgccagacuacugcgau	1
Gi2_11038203_x1	.....caggccccccagacuacugA	1
Gi2_11278921_x1	.....gugggaacaAggggugccgaacuu	1
Gi3_28327555_x1	.....cggagacgucgugggaacacgggAug	1
Gi3_28474693_x1	.....gucaggccccccagacuacugcgau	1
Gi2_11013144_x1	.....ggccccgccagucugcgau	1
Gi1_6070775_x1	.....gugggaacacggggGgccg	1
Gi3_28647021_x1	.....acugcgauccggagGcgucgu	1
Gi2_11131057_x1	.....Gcaggccccccagacuacugcgauccgga	1
Gi3_28763278_x1	.....ggagacgucgugggaacacggggGgccgaa	1
Gi1_4248594_x1	.....aucggagacGcCgugggaacacgggg	1
Gi2_11204750_x1	.....Aucaggccccccagacuacugcgau	1
Gi2_11003544_x1	.....ggagacgucgugggaacacgAggugcc	1
Gi1_6004977_x1	.....caggcccUgccagacuacugcgau	1
Gi5_9035516_x1	.....caggGccccccagacuacug	1
Gi3_28565825_x1	.....gacNucgugggaacacgggggu	1
Gi3_28972279_x1	.....ccgccagucugcgauccggagacg	1
Gi1_4184243_x1	.....ucgugggaacacggggAgccga	1
Gi2_11106516_x1	.....ucaggccccUcagacuacugc	1
Gi5_9094003_x1	.....cggagacgucgugggaacCcgggugccga	1
Gi2_11066935_x1	.....ugggaacacggggugGccgaac	1
Gi3_28480952_x1	.....aguGcugcgauccggagacgucg	1
Gi1_4217413_x1	.....uGggagacgucgugggaacacg	1
Gi3_28299199_x1	.....ucguuccgNauuaggaagagaagcgccguc	1
Gi2_11278650_x1	.....cgucgugggaacacggggugccUa	1
Gi2_11251688_x1	.....cgauccAgagacgucgugg	1
Gi1_4332968_x1	.....cgccagacuacugcAaucggagacguc	1
Gi2_11355642_x1	.....cugcgauccggagacgucAugggaacac	1
Gi5_9044911_x1	.....gUagcgccgucaggccccgcc	1
Gi2_11067094_x1	.....aggccccccagacuacugcgauUggagacguc	1
Gi3_28819732_x1	.....gaagagaagcgccguAaggccccgccag	1
Gi3_28525123_x1	.....ugGgauccggagacgucgugggaaca	1
Gi5_8934689_x1	.....caggccccccagCacugcga	1

Gi1a_6046062_x1.....cgugggGacacggggugccg..... 1
 Gi2_11172134_x1.....cgagacgucgugggaacacggggugccCa..... 1
 Gi5_8837140_x1.....ccgccAuaucugcgauG..... 1
 Gi3_28296188_x1.....acGgcgaucggagacguc..... 1
 Gi2_11290011_x1.....ggagacguGugggaacacggggugcc..... 1
 Gi2_11378329_x1.....acucguuccgaauaCgaagagaagcgccguc..... 1
 Gi4_596201_x1.....GgccaguacugcgauGggagacgucgug..... 1
 Gi1a_6019319_x1.....agagaagUgccgucaggccccgc..... 1
 Gi3_28576112_x1.....aggccccgccaguacuCcg..... 1
 Gi3_28302920_x1.....Ngucgugggaacacggggugccgaacu..... 1
 Gi1_4301087_x1.....agacgucGgggaacacggggugccgaacu..... 1
 Gi1_4302484_x1.....cCaucggagacgucgugggaacacggggg..... 1
 Gi2_11011475_x1.....aucggagacgAcgugggaacacggg..... 1
 Gi3_28833433_x1.....uacugcgauGggagacguc..... 1
 Gi2_11068531_x1.....gaucggagacgucgugggaacaU..... 1
 Gi2_11140796_x1.....Caucggagacgucgugggaac..... 1
 Gi4_583534_x1.....gugggaacacggggugcUgaa..... 1
 Gi4_588879_x1.....aucggagacgucgugggaacacgg..... 0
 Gi3_28758590_x1.....aucggagacgucgugggCacacggggug..... 1
 Gi3_28740480_x1.....cgccaguUcugcgauGggagacg..... 1
 Gi1a_6210595_x1.....cucguuccgaauaggaagagaagcgc..... 0
 Gi5_9133202_x1.....aucggagaAgucgugggaacacg..... 1
 Gi2_11353992_x1.....cccgccaguacugcgauGagacgucg..... 1
 Gi3_28360762_x1.....ucggGgacgucgugggaacacggggugccgaacu..... 1
 Gi5_8864353_x1.....aguacugcgauGggagacAuc..... 1
 Gi3_28524202_x1.....gGccccgaguacugcgauGggagacg..... 1
 Gi3_28677206_x1.....cccgccGguacugcgauGgg..... 1
 Gi3_28972808_x1.....cccgccaguacugcgauGggCgacgucgug..... 1
 Gi5_9130218_x1.....CgccccgccaguacugcgauGgg..... 1
 Gi2_11298185_x1.....ucaggccccgcccagCacugc..... 1
 Gi1_4212425_x1.....ugggaacacggcGugccgaac..... 1
 Gi1_4275317_x1.....Ggacgucgugggaacacggggg..... 1
 Gi1a_6126411_x1.....cagAccccgccaguacugcgau..... 1
 Gi3_28457192_x1.....gAagacgucgugggaacacggggg..... 1
 Gi2_11240731_x1.....aucggagUcugcuggggaac..... 1
 Gi5_8851618_x1.....ugcgauGggCgacgucguggga..... 1
 Gi1_4296285_x1.....gucaggccccgcccagCacugc..... 1
 Gi1a_6282132_x1.....ugggCacacggggugccgaacu..... 1
 Gi1a_6353456_x1.....gagacgucgugggaacCcggggugccgaacu..... 1
 Gi2_11026035_x1.....ccaguacuAcgauGggag..... 1
 Gi5_9101820_x1.....gccccgccaguCucgcauc..... 1
 Gi1_4300009_x1.....gggaacacggggugccCaac..... 1
 Gi2_11169731_x1.....acucguuccgaauaUgaagagaagcgcc..... 1
 Gi3_28360407_x1.....cgugCgaacacggggugc..... 1
 Gi5_8895326_x1.....gacgucgugggaacacgggggUcgaacu..... 1
 Gi3_28384763_x1.....cgccaguacugcgaAcggagacguc..... 1
 Gi2_11030093_x1.....aagagaagcgUgucaggccccgcca..... 1

Gi3_28589059_x1.....cagggccccgccaCuacugcgau..... 1
 Gi3_28327821_x1.....cgccaguacugcAaucggagacgu..... 1
 Gi3_28738886_x1.....gaAcggagacgucguggg..... 1
 Gi5_8884589_x1.....ugcgauccggagGcgucgug..... 1
 Gi2_11372274_x1.....gaagagaagcgccgucagggGcccg..... 1
 G1a_6272103_x1.....cgUcaguacugcgauccggagacguc..... 1
 Gi2_11099273_x1.....gagUcgucgugggaacacggggugcc..... 1
 G1a_6356212_x1.....gccaguacuCcgauccggagacguc..... 1
 G1a_6021731_x1.....aucggagacgucgugAga..... 1
 Gi3_28894135_x1.....cccgUcaguacugcgauccgga..... 1
 Gi2_11220618_x1.....ggcUccgcccaguacugcgauccg..... 1
 Gi1_4380814_x1.....guacugcgaCcgagacgucg..... 1
 Gi1_4231468_x1.....ccgccaguacugcgauccggGgacgucgug..... 1
 G1a_5986826_x1.....gucaggccccgcccaguaUugcg..... 1
 Gi2_11316834_x1.....aucggagacgGcgugggaacacggggugcc..... 1
 Gi5_9091988_x1.....aucggagacgucgugggaUcacggg..... 1
 G1a_6170019_x1.....Uucggagacgucgugggaa..... 1
 Gi3_28899503_x1.....Cacgucgugggaacacggggugccgaa..... 1
 Gi3_28950353_x1.....ccccccaguacAgcgauc..... 1
 Gi3_28869705_x1.....cggagacgucgugggUacacggggugccga..... 1
 G1a_6317171_x1.....gucagAccccgcccaguacugcga..... 1
 Gi1_4283802_x1.....Cgacgucgugggaacacggggugccgaacu..... 1
 Gi3_28675818_x1.....agacgucgugggaacacggggugccgG..... 1
 Gi5_9128118_x1.....guGgugggaacacggggugc..... 1
 Gi3_28592308_x1.....gaacacggggugcAgaacuu..... 1
 Gi1_4270849_x1.....aagcgccgucagggccUcgccaguacug..... 1
 Gi2_11170853_x1.....acgucgugggaacCcggggugccg..... 1
 Gi3_28967010_x1.....agcgGcgucagggccccgccc..... 1
 Gi2_11372390_x1.....aagUgcccgucagggccccgcccaguac..... 1
 G1a_6067513_x1.....cgucgugggaacacggggugcc..... 0
 Gi1_4213608_x1.....cgugggaaUacggggugccgaacuu..... 1
 Gi2_11317960_x1.....aucggagacguAgugggaacacggg..... 1
 Gi3_28708777_x1.....gggaCcacggggugccgaacuu..... 1
 Gi2_11310481_x1.....agggccUcgccaguacugcgauccg..... 1
 Gi3_28688492_x1.....agacgCcgugggaacacggg..... 1
 Gi3_28905620_x1.....ccccgcccagGacugcgauccggagacguc..... 1
 Gi4_593541_x1.....cguggCaacacggggugccgaacu..... 1
 Gi2_11079285_x1.....cggagacgucgugggaacacggAgug..... 1
 Gi3_28609589_x1.....cggagacgucgugggaacacggggugcU..... 1
 Gi2_11366733_x1.....gucaggccUcgccaguacugc..... 1
 Gi2_11389766_x1.....cgauccggagGcgucgugggaacacggg..... 1
 Gi3_28472735_x1.....gagacgucguggAaacacggggg..... 1
 G1a_6321477_x1.....aucggagacguUgugggaacacggg..... 1
 Gi2_11152456_x1.....cggaUacgucgugggaacacggggug..... 1
 Gi3_28669165_x1.....gUagcgccgucagggccccgcccaguacugc..... 1
 Gi3_28298735_x1.....cgauccggagacgucgugggaacGcggg..... 1
 Gi3_28804023_x1.....ucaggccccgcccaguacugcgauUggagacg..... 1

Gi3_28415767_x1.....agagaagcgcccgucagggcccAcc..... 1
Gi3_28701783_x1.....cgucaggccAcgccaguacugc..... 1
Gi3_28328867_x1.....ugggaacaAggggugccg..... 1
Gi3_28538581_x1.....gaucggagacgucgAgggaacacggg..... 1
Gi1_4277911_x1.....gacgucgugggaacacggggugc..... 0
Gi2_11060945_x1.....caggccccgccaguacugcgauAggagac..... 1
Gi2_11182627_x1.....cgugggUacacggggugcc..... 1
Gi3_28660047_x1.....gagaaAcgccgucagggcccgc..... 1
Gi3_28312498_x1.....ucaggccccgccaguacugcgCucgga..... 1
Gi2_11069415_x1.....ugggaacacggggAgccgaacuu..... 1
Gi1_4269759_x1.....cgAgggaacacggggugccga..... 1
Gi2_11003426_x1.....cgggagacgucgugggaCcacggggugccg..... 1
Gi3_28334029_x1.....cguuccgaaauaggaagagaagcgc..... 0
Gi2_11095059_x1.....guacugcgaCcgagacgucgugggaaca..... 1
Gi3_28288889_x1.....ucaggccccgAcaguacugcg..... 1
G1a_6203907_x1.....agGacugcgauccggagacgucgu..... 1
Gi3_28507902_x1.....gucaggccccAccaguacugc..... 1
Gi2_11254064_x1.....aguacugcgauccggagacAu..... 1
Gi3_28529922_x1.....gaagcgcUgucagggccccgccaguacu..... 1
Gi3_28932399_x1.....gaucgAagacgucgugggaacacgg..... 1
Gi3_28575435_x1.....caggccccgccaguacCgcgaucgg..... 1
Gi5_8843316_x1.....acacAgggugccgaacuu..... 1
Gi3_28744307_x1.....cgucgugggaacacgggUugccgaacu..... 1
Gi3_28313565_x1.....gaucgCagacgucgugggaacacggg..... 1
Gi1_4226949_x1.....agacgucgugggaacacggggugccAa..... 1
Gi2_11137722_x1.....ugcgauUgagacgucgugggaaca..... 1
Gi5_9075065_x1.....ccgaaauaNgaagagaagcgc..... 1
Gi2_11145097_x1.....caggccccgccaguacugcgauUgg..... 1
Gi5_9091496_x1.....agacgucgugggaGcacggggu..... 1
Gi5_8921215_x1.....acugcgauccggagacgCcgug..... 1
Gi3_28503506_x1.....aggccccgccaguacCgcgaucgg..... 1
Gi3_28307855_x1.....ucgggagacgucgugggaCcacggggu..... 1
Gi2_11067174_x1.....agcgcUgucagggccccgccaguacugcg..... 1
Gi1_4380965_x1.....aguacugcgauccggGgacgucgu..... 1
G1a_6065650_x1.....gaucAgagacgucgugggaacacg..... 1
G1a_6315805_x1.....Uccaguacugcgauccggagacgucgug..... 1
Gi3_28969413_x1.....gagaagcAccgucagggccccg..... 1
Gi2_11256056_x1.....ccccgccaguacugcgGucggagac..... 1
Gi2_11221863_x1.....guUcugcgauccggagacguc..... 1
Gi3_28928823_x1.....aacacggggugccgaCcuu..... 1
Gi5_8941712_x1.....ugcgauAggagacgucgugg..... 1
Gi1_4177610_x1.....gagacgucNugggaacacggggugcc..... 1
G1a_6286487_x1.....aucggGgacgucgugggaacacg..... 1
Gi5_8862638_x1.....aggcGccgccaguacugcgau..... 1
Gi2_11015884_x1.....gaucggagacgucgCgggaacacggg..... 1
Gi1_4326970_x1.....gagacgucgugggaacacggggug..... 0
Gi2_11127184_x1.....gccaguacugcgauccggagacguGgug..... 1

Gi5_8908494_x1.....gugggaaUacggggugccgaa..... 1
 Gi3_28279532_x1.ccuuaCcucguuccgaau..... 1
 Gi5_8934044_x1.....gagaagcgccgCcaggccccgc..... 1
 Gi2_11112200_x1.....aagcgccgucaggccccUgccaguac..... 1
 Gi3_28319817_x1.....gagacgucgugggaacacggAgugccgaacu..... 1
 G1a_6112636_x1.....aguacugcNaucggagacgucgu..... 1
 Gi2_11285018_x1.....cggagacgucgugggaacacUgggugcc..... 1
 Gi5_9079600_x1.....acgucguggCaacacggggugccgaacu..... 1
 Gi3_28633291_x1.....aUgccccgccaguacugcgauccggagacgucg..... 1
 Gi5_8990613_x1.....aucggagacgucgugggaacaUggggugc..... 1
 G1a_6331381_x1.....Uccgccaguacugcgauccggagacguc..... 1
 G1a_6216976_x1.....aucggagacgucgGgggaacacggggu..... 1
 Gi1_4266221_x1.....agcgccgucaggccccgccaguacugcgau..... 0
 Gi2_11222355_x1.....aggccccCccaguacugcga..... 1
 Gi3_28910960_x1.....cgucaggcAccgccaguacugcgau..... 1
 Gi3_28976384_x1.....caggccccgccagGacugcg..... 1
 Gi3_28425265_x1.....gagacgucgugggaCcacggggugccg..... 1
 Gi2_11365552_x1.....ccccgccaguacugcgauAgg..... 1
 Gi3_28522606_x1.....gucaggccccAccaguacugcgauccggaga..... 1
 Gi5_8832899_x1.....gggaacacgggguAccgaa..... 1
 Gi2_11200528_x1.....aagagaagcgccgucaggAcccgcca..... 1
 Gi2_11182568_x1.....aguacugcgauAggagac..... 1
 G1a_6167373_x1.....Aaucggagacgucgugggaacacg..... 1
 Gi3_28497345_x1.....aucggagaGgucgugggaacacggggugcc..... 1
 Gi4_606336_x1.....Uugggaacacggggugcc..... 1
 Gi5_9022172_x1.....cgugggaacacgggCugccgaac..... 1
 G1a_6034782_x1.....agCagcgccgucaggccc..... 1
 Gi5_9018409_x1.....cgccaguacugcgauccgGacguc..... 1
 Gi3_28960556_x1.....Ugaagcgccgucaggccc..... 1
 Gi2_11287096_x1.....aucggagacUucgugggaacacggggu..... 1
 G1a_6051877_x1.....aAgccccgccaguacugc..... 1
 Gi2_11261123_x1.....aucUgagacgucgugggaacacg..... 1
 Gi3_28468915_x1.....ccgccaguacCgcgauccg..... 1
 Gi3_28754549_x1.....gucgugggaGcacggggugcc..... 1
 Gi3_28656497_x1.....caUuacugcgauccggagacgucgug..... 1
 Gi3_28266750_x1.....cgauccggagacgucgugggaCcacggggugc..... 1
 Gi3_28741032_x1.....cgcUgucaggccccgccaguacu..... 1
 Gi2_11375697_x1.....caggccccgccagCacugcgauccgga..... 1
 Gi3_28625320_x1.....agagaagAgccgucaggccccg..... 1
 Gi3_28483502_x1.....cgccgucaggGccccccagua..... 1
 Gi3_28970905_x1.....cggagacgucgCgggaacacggggugccg..... 1
 Gi3_28285922_x1.....ccccccaguacugcUaucggagacgucgu..... 1
 Gi2_11144443_x1.....cgugggaacacggggAgccga..... 1
 Gi3_28371009_x1.....ggagacgucgugggaacacggggugccgaGcu..... 1
 Gi2_11222006_x1.....gccaguacugcgauccAgaga..... 1
 Gi2_11197354_x1.....aggccccccaguacAgcgauccggaga..... 1
 Gi1_4301057_x1.....gAcgugggaacacggggugccgaacu..... 1

Gi3_28467637_x1.....gccgucaggccccgccaguacugAg..... 1
Gi3_28586429_x1.....ccccccaguacugcgauccggagacCuc..... 1
Gi4_597154_x1.....Nugggaacacggggugccgaacu..... 1
Gi2_11016535_x1.....gggaacacggggugcUga..... 1
Gi2_11312811_x1.....gaagcgccgucaggGcccg..... 1
Gi2_11148400_x1.....cgauccggagacgucgugggUaca..... 1
Gi1_4219953_x1.....aUacgucgugggaacacggggugccga..... 1
Gi3_28841590_x1.....Accaguacugcgauccggagacgucg..... 1
Gi3_28631322_x1.....cgauccggagaUgucgugggaacacggggugc..... 1
Gi3_28788866_x1.....cgucgugggaacacUgggu..... 1
G1a_6335055_x1.....gucgugggaacCcggggugcc..... 1
Gi1_4309682_x1.....Ugagacgucgugggaacacg..... 1
Gi2_11317150_x1.....cgucgugggaacacggUgugccgaacu..... 1
G1a_6107839_x1.....ccUgccaguacugcgauccggagacgucg..... 1
Gi5_9050031_x1.....ccccgccaguGcugcgauccggagacg..... 1
Gi2_11319680_x1.....ccgucaggccccgccaguacugcgGuc..... 1
Gi2_11019730_x1.....aucggUgacgucgugggaac..... 1
Gi3_28457594_x1.....ccaguacugcgauccggagacgucgAg..... 1
Gi2_11377828_x1.....uUggagacgucgugggaacacggggu..... 1
Gi2_11246881_x1.....ccccgccaguacugcgauUggagacgucg..... 1
Gi1_4350110_x1.....cAugggaacacggggugccgaacu..... 1
Gi5_9090061_x1.....gugggaacacggggugcU..... 1
G1a_6018141_x1.....acugGgauccggagacgucgug..... 1
Gi3_28591573_x1.....uUggagacgucgugggaacacggggugc..... 1
Gi3_28309053_x1.....aucggagacgucgugggaacacgggAugc..... 1
Gi3_28960393_x1.....gugggaacacggggugcGgaa..... 1
Gi5_9085833_x1.....ucgugggCacacggggugccgaac..... 1
Gi5_8988460_x1.....gggaacacggggugccga..... 0
Gi3_28561838_x1.....Ugagaagcgccgucaggccccgc..... 1
Gi3_28477602_x1.....gucaggccccgccaguaUugc..... 1
Gi3_28571548_x1.....ccccccGuacugcgauccggagacgu..... 1
Gi2_11068476_x1.....auGggagacgucgugggaaca..... 1
G1a_6287074_x1.....acgucgugggaacUcggggu..... 1
Gi3_28873993_x1.....cgugggaacacgCggugccgaa..... 1
Gi3_28770002_x1.....cggagacgucgugUgaacacggggugccga..... 1
Gi5_8867749_x1.....aggccccgcUaguacugcgau..... 1
Gi5_8888855_x1.....gucaggcGccgccaguacugcg..... 1
Gi3_28846454_x1.....Uggagacgucgugggaacac..... 1
Gi3_28831303_x1.....cgugggaacacggggAgccgaa..... 1
Gi3_28335092_x1.....gaacacggggugccgaaG..... 1
Gi1_4310333_x1.....ucggagacgucgugggaacacggggugccgaCcu..... 1
Gi2_11295209_x1.....agccccccaAuacugcga..... 1
Gi4_613083_x1.....cgugggaacacgUggugccgaacu..... 1
G1a_6142904_x1.....caguacugcgauccggagacgucC..... 1
Gi4_569964_x1.....gccaguacugcgauccggagGcug..... 1
Gi5_9118463_x1.....gugggaacacggggugccgaacuucU..... 1
Gi1_4275502_x1.....gugggaacacggUgugccgaac..... 1

Gi3_28835988_x1.....gugggaacacCgggugcc..... 1
 Gi5_9079097_x1.....cgGcgugggaacacggggugccgaac..... 1
 Gi2_11290825_x1.....ccCucagggccccccaguacugcgau..... 1
 Gi3_28524268_x1.....ggagacgucgugggaacacggggugcUg..... 1
 Gi3_28673157_x1.....ggagacgucgugggaacacggggugUcgaacu..... 1
 Gi5_8907719_x1.....aNcacggggugccgaacu..... 1
 Gi2_11107992_x1.....gaucggagacgucgugggGacacggggugcc..... 1
 Gi1_4286737_x1.....aguacugcgauccggagGcgucgug..... 1
 Gi3_28351204_x1.....ugcgauccggagacgucgugggaac..... 0
 Gl1a_6203225_x1.....caggccccccaguacAg..... 1
 Gi3_28831775_x1.....caggccccccaguacugcgauAgg..... 1
 Gi2_11231689_x1.....aagcgccgucagggcccUgccaguacugc..... 1
 Gi1_4320221_x1.ccuuaacucguuccgaau..... 0
 Gi5_9065118_x1.....ggGgacgucgugggaacacggggugccgaacu..... 1
 Gi3_28351905_x1.....aggUcccgccaguacugcga..... 1
 Gi4_594282_x1.....ucgugggaacacggggugccgaUc..... 1
 Gi1_4276179_x1.....acgucguAggaacacggggugccga..... 1
 Gi3_28395349_x1.....aucggagacgucguUggaacacggggugcc..... 1
 Gi2_11165847_x1.....gaucggagacgucguAggaacacggggugc..... 1
 Gi1_4271260_x1.....gccaguacugcgauccggagGcg..... 1
 Gi2_11245625_x1.....Uggaacacggggugccgaacu..... 1
 Gl1a_6195750_x1.....gucgugggaacaUggggugccgaacu..... 1
 Gi1_4361988_x1.....aucggagacgucgugggGacacggggugc..... 1
 Gi2_11154024_x1.....aAcggagacgucguggga..... 1
 Gi2_11315334_x1.....ccgccaguNcugcgauccggag..... 1
 Gi3_28732880_x1.....agagaagcgccgucGggccccg..... 1
 Gi2_11289205_x1.....ccUguacugcgauccggagacg..... 1
 Gi3_28731925_x1.....Ccaggccccccaguacugcgauccgga..... 1
 Gi3_28579747_x1.....aagcAccgucagggccccccagaa..... 1
 Gi2_11309000_x1.....gaagcgccgucGggccccccag..... 1
 Gi3_28505871_x1.....ggagacgucgugggUacacggggugccgaa..... 1
 Gi2_11282619_x1.....gacgucgugggaacacggCgugcc..... 1
 Gi1_4334526_x1uccuuaacucguuccgaauuaAga..... 1
 Gl1a_6302390_x1.....gucagggccccccCguacug..... 1
 Gi2_11360222_x1.....acucguuccgaauuaUgaagagaagcgccguc..... 1
 Gi3_28952967_x1.....agacguAgugggaacacggg..... 1
 Gl1a_6079701_x1.....ucggagacgucgugCgaacacgg..... 1
 Gi2_11086671_x1.....aguaGugcgauccggagacgu..... 1
 Gi3_28672611_x1.....Aaacacggggugccgaacu..... 1
 Gi1_4388622_x1.....cgugggaacacAgggugccgaa..... 1
 Gi2_11175808_x1.....cgucgugggaacacggggugcU..... 1
 Gi2_11302322_x1.....gaucggCgacgucgugggaacacg..... 1
 Gi3_28579041_x1.....agagaagcgccgucGggccccg..... 1
 Gi3_28488998_x1.....Ggggaacacggggugccgaacu..... 1
 Gi2_11198023_x1.....cGccgccaguacugcgauccggagacguc..... 1
 Gi3_28341929_x1.....gacguGugggaacacggggugccg..... 1
 Gi4_613630_x1.....gagaagcgCugcaggcc..... 1

Gi1_4207211_x1.....cguggCaacacggggugccgaac..... 1
 Gi2_11165106_x1.....gGgaucggagacgucgug..... 1
 Gi3_28963821_x1.....gagGgcccgcagggccgcca.....gCcgugggaacacggggugccga..... 1
 Gl1a_6330237_x1.....gaagGgcccgcagggccgcca..... 1
 Gi2_11056414_x1.....ucguuccgaauuaUgaagagaagc.....Aaguacugcgauccggagacgucgug..... 1
 Gi5_8875720_x1.....Aaguacugcgauccggagacgucgug..... 1
 Gi1_4234322_x1.....cCugggaacacggggugccg..... 1
 Gi2_11297760_x1.....ucaggccccAccaguacugcg..... 1
 Gi1_4289254_x1.....Cagacgucgugggaacacggggugcc..... 1
 Gi2_11403354_x1.....Cgacgucgugggaacacggggugccgaac..... 1
 Gl1a_6263906_x1.....gaUgcgccgucagggcccgccaguacugc..... 1
 Gi3_28578273_x1.....ggccccgccaguGcugcgau..... 1
 Gi3_28402393_x1.....ggagacgCcgugggaacacggggugccg..... 1
 Gi3_28587462_x1.....gacgucgugggaCcacggggugccg..... 1
 Gi2_11104214_x1.....gacgucgugggaacGcggggugccgaac..... 1
 Gi2_11135581_x1.....gucgugggaGcacggggugcc..... 1
 Gi3_28968027_x1.....ccgucagggccccgccGguacugcg..... 1
 Gi3_28693438_x1.....aucggagacgucgugggaacaGggggu..... 1
 Gi1_4264020_x1.....acugcgauccgCgacgucguggga..... 1
 Gi1_4379517_x1.....cgugggaacacgCggugccgaa..... 1
 Gi3_28329246_x1.....gagacgucgugggUacacg..... 1
 Gi2_11262885_x1.....acguUgugggaacacggg..... 1
 Gl1a_6096619_x1.....cgucagggccccgUaguacugc..... 1
 Gi2_11015120_x1.....gggaacacgCggugccga..... 1
 Gi3_28724451_x1.....cgNcgugggaacacggggugccgaacu..... 1
 Gl1a_6278417_x1.....Cgagacgucgugggaacacg..... 1
 Gi2_11139991_x1.....acgucgugggaacacgAggugccgaacu..... 1
 Gl1a_6302010_x1.....aucggagacgucgugggUa..... 1
 Gi1_4380178_x1.....agGcugcugugggaacacgggg..... 1
 Gi1_4290876_x1.....aacacggggugccgaaGu..... 1
 Gi2_11371211_x1.....aucggagacguUgugggaaca..... 1
 Gi5_9105805_x1.....ugcgauccggagacgucgug..... 0
 Gi2_11126070_x1.....caggccccgccaguacugcCauc..... 1
 Gi4_584424_x1.....cUucgugggaacacggggugc..... 1
 Gi3_28865662_x1.....cgauccggagacgucgugggUacacg..... 1
 Gi2_11100280_x1.....Caagcggcgcagggccccgccaguacugc..... 1
 Gi3_28483657_x1.....agacgucgugggaacacUggggugccga..... 1
 Gi2_11374805_x1.....Cucgugggaacacggggugc..... 1
 Gi3_28668090_x1.....cgccgucagggccccgUcaguacugc..... 1
 Gi3_28550451_x1.....cgaauuaCgaagagaagcgcc..... 1
 Gi2_11101343_x1.....caggccccgccaguGcugcgau..... 1
 Gi3_28895345_x1.....gagacgucgugggaacUcggggugcc..... 1
 Gi1_4211794_x1.....agaUgucgugggaacacggggugccga..... 1
 Gi1_4253804_x1.....gaacacggggugccgaGc..... 1
 Gi3_28347417_x1.....gagaagcgccUucagggccccg..... 1
 Gi3_28462279_x1.....Gcguuccgaauuaggaagagaagcgccguc..... 1
 Gi1_4223473_x1.....ggagacgucgugggaacacgggguA..... 1

Gi2_11054077_x1.....aCacgucgugggaacacggggugccgaac..... 1
Gi2_11377774_x1.....aucggaCacgucgugggaacacggggug..... 1
Gi3_28849935_x1.....cgccgucaggAcccgccaguac..... 1
Gi3_28544116_x1.....agagaagcgccgucaggAcccg..... 1
Gi3_28840310_x1.....gccaguacugcgauUggagacguc..... 1
G1a_6341464_x1.....gccGguacugcgauccggagacguc..... 1
Gi2_11030238_x1.....gaagcgccgCcaggccccccaguacugc..... 1
Gi1_4270663_x1.....cgugggaacacggggugccUaacu..... 1
Gi1_4307503_x1.....ggaacacgggguAccgaac..... 1
Gi1_4169405_x1.....gcAaucggagacgucgugggaaca..... 1
Gi3_28781011_x1.....cggagacgNcgugggaacacgg..... 1
Gi5_8922883_x1.....agacgucgugggaacacggggCgcc..... 1
G1a_6138011_x1.....acgucgugggaacacAggggu..... 1
Gi2_11399380_x1.....cgccaAuacugcgauccg..... 1
Gi2_11395502_x1.....gaucgCagacgucgugggaacacggg..... 1
Gi2_11269507_x1.....ucggagaUgucgugggaacacggggugc..... 1
Gi3_28573925_x1.....gcccgcucaggcUccgccaaguacugc..... 1
Gi2_11044372_x1.....ucggagacgucgugggaacaAggggugc..... 1
Gi2_11017154_x1.....aagagaagcgUcgucaggccccgcc..... 1
Gi5_8911356_x1.....gaagcgccgucaggcGccgcc..... 1
Gi3_28650280_x1.....cccgccaguacugcgauccggagCcgucg..... 1
Gi1_4207945_x1.....cguUgugggaacacggggugccgaa..... 1
Gi5_9129379_x1.....agUcgucgugggaacacggggugc..... 1
Gi2_11356809_x1.....ccgccaguacuAcgauccggagacguc..... 1
Gi2_11135611_x1.....agagaagcNccgucaggccccgcc..... 1
Gi2_11133904_x1.....ccgccaguacugcgaCcgagacguc..... 1
Gi2_11067790_x1.....gUcccgccaguacugcgauccg..... 1
Gi3_28530831_x1.....agagaagcgccgucaggccccA..... 1
Gi5_8901780_x1.....gccccAccaguacugcgauc..... 1
Gi3_28415518_x1.....agNacugcgauccggagacg..... 1
Gi2_11324113_x1.....gacgucguggUaacacggggugccgaacu..... 1
Gi2_11211767_x1.....aggccccgccaguacuUc..... 1
Gi3_28667201_x1.....aCacgucgugggaacacggggugccgaac..... 1
Gi2_11287647_x1.....cgucUugggaacacggggugccga..... 1
Gi5_8864211_x1.....gaucAgagacgucgugggaacacg..... 1
Gi5_9081282_x1.....ugggaacacggAgugccgaa..... 1
Gi1_4193349_x1.....ucgugggaacacgggUcccgaacu..... 1
Gi2_11232290_x1.....gugggaacacgggCugccgaa..... 1
Gi3_28834857_x1.....Uccccgccaguacugcgauccggagacguc..... 1
Gi2_11159961_x1.....aucAgagacgucgugggaacacggggug..... 1
Gi1_4253366_x1.....gacgCcgugggaacacggggugcc..... 1
Gi2_11346821_x1.....cgccguVaggccccccaguacugc..... 1
Gi3_28666495_x1.....cgucgugggaacacgCggugcc..... 1
Gi5_8953486_x1.....acugcgauccggaAacgucgug..... 1
G1a_6245842_x1.....ggcccUgccaguacugc..... 1
G1a_6322370_x1.....gccaguacNcgauccggagacguc..... 1
Gi3_28808414_x1.....gagacgucgugggaacGcggggugcc..... 1

G1a_6152912_x1.....cccgccaguacugcgauCgagacguc..... 1
 Gi3_28820847_x1.....cggagacgucgugggaacacggUgugcc..... 1
 Gi1_4271903_x1.....gaacacggNgugccgaacuu..... 1
 Gi3_28409634_x1.....ccccgccGguacugcgauCgagacgu..... 1
 Gi1_4254420_x1.....acgucgGgggaacacggggugccg..... 1
 Gi2_11322340_x1.....gacAucgugggaacacggggugc..... 1
 Gi3_28852182_x1.....aggccccgccGguacugcgauCg..... 1
 Gi2_11372689_x1.....cAccgucaggccccgccagu..... 1
 Gi2_11070510_x1.....ccccgccaguacugcgauCgagc..... 1
 Gi1_4269033_x1.....gagacgucgugggaGacggggugccgaacu..... 1
 Gi2_11302755_x1.....gaagagaagcgccgucagggUcc..... 1
 Gi3_28722452_x1.....gccgucaggccccgccaguGcu..... 1
 Gi2_10998464_x1.....ucggagacgucgugggaacacggggG..... 1
 Gi2_11238194_x1.....aagagaagcgccgucagggUccgcc..... 1
 Gi2_11245314_x1.....ugggaaAacggggugccgaac..... 1
 Gi3_28910063_x1.....gaucAgagacgucgugggaacacggggugc..... 1
 Gi2_11161038_x1.....aucggagacgucUugggaaC..... 1
 Gi2_11220667_x1.....ucgugggaacCcggggugcc..... 1
 Gi2_11383141_x1.....uaUgaagagaagcgccgucagggc..... 1
 Gi5_9086086_x1.....ugcgauCgagCcgucgug..... 1
 Gi3_28550553_x1.....agagaagcgCAgucagggccccgc..... 1
 Gi2_11172915_x1.....aucggagacgucgCgggaacacgggg..... 1
 Gi2_11094340_x1.....caggccccNccaguacugcgauCg..... 1
 Gi2_11041294_x1.....gcUaguacugcgauCgagac..... 1
 Gi2_11096661_x1.....gugggaacacggggugccgaaG..... 1
 Gi3_28265331_x1.....ccgccaguacugUgauCgagacgucg..... 1
 G1a_6267144_x1.....gggCacacggggugccgaa..... 1
 Gi2_11369974_x1.....caggcUccgccaguacugcg..... 1
 Gi3_28271891_x1.....aucggagacgucgugggaacacggggUc..... 1
 Gi2_11051408_x1.....aucggagacgucCugggaacacggg..... 1
 Gi3_28827864_x1.....gagacguUgugggaacacggggugccgaac..... 1
 G1a_6151782_x1.....cagCacugcgauCgagacgu..... 1
 G1a_6347188_x1.....acgucgugggaacacggggugccgACcu..... 1
 Gi2_11089832_x1.....aucggagacgucAugggaacacgggg..... 1
 Gi2_11269222_x1.....gggaacacCgggugccgaac..... 1
 G1a_6238393_x1.....cgauCgagacgucgCgg..... 1
 Gi4_572207_x1.....Ugucaggccccgccaguacugc..... 1
 Gi3_28722178_x1.....agcgccgucagggccccgccag..... 0
 Gi3_28410617_x1.....ugggaacacggggugccgaaG..... 1
 Gi3_28477275_x1.....ggNaacacggggugccgaac..... 1
 Gi3_28538130_x1.....acacggggugccUaacuu..... 1
 Gi3_28858800_x1.....cggagacguAgugggaacacg..... 1
 Gi3_28862303_x1.....agcgUcgucagggccccgccaguac..... 1
 Gi3_28278181_x1.....caggccccgccaguacugcgU..... 1
 Gi4_568513_x1.....cgugggaacacggggugcUgaacu..... 1
 Gi1_4237917_x1.....ugggaacacgggAugccgaacuu..... 1
 Gi1_4369465_x1.....cgucgugAgaacacggggugcc..... 1

Gi1_4347839_x1.....aucggagacgucgugggaacaUgggg..... 1
 Gi3_28396682_x1.....cccgAcaguacugcgauccggagacgucgug..... 1
 Gi3_28816666_x1.....Ucugcgauccggagacgucgug..... 1
 Gi4_572310_x1.....ggUacacggggugccgaacu..... 1
 Gi3_28936340_x1.....ugggaacacggggugcGga..... 1
 Gl1a_6227138_x1.....ggaacaGggggugccgaacu..... 1
 Gi3_28506213_x1.....gaucggagacgucgugggaacacgUggu..... 1
 Gi3_28649922_x1.....uUaggccccgccaguacugcga..... 1
 Gi3_28690852_x1.....cgccaguacugcgauccggagacgAcg..... 1
 Gl1a_6263339_x1.....cUggccccgccaguacugcgau..... 1
 Gi3_28302835_x1.....cgucaggccccgccaguacuAcgaucgg..... 1
 Gi2_11061984_x1.....Acggagacgucgugggaacacggggugcc..... 1
 Gl1a_5990889_x1.....aucAgagacgucgugggaacacggggugcc..... 1
 Gi5_8917666_x1.....cgAgggaacacggggugccgaacuu..... 1
 Gi2_11198224_x1.....gucaggccccgccCguacugcgau..... 1
 Gi3_28857392_x1.....ucagUccccgccaguacugcga..... 1
 Gi3_28421606_x1.....ccccgccaguaUugcgauccggagac..... 1
 Gi2_11291051_x1.....cgccgucaggUccccccagu..... 1
 Gl1a_5991065_x1.....cccgccaguacugcgauccggCgacguc..... 1
 Gi3_28949794_x1.....cguNaggccccgccaguacugc..... 1
 Gi2_11176431_x1.....aagcgccgucaggccccgccaguacCgc..... 1
 Gl1a_6293762_x1.....Uucggagacgucgugggaacacggggugc..... 1
 Gi2_11244921_x1.....cggagacgucgugggaacacggggAg..... 1
 Gi3_28514084_x1.....cggagacgucgugggaacacggAg..... 1
 Gi2_11005546_x1.....acgucgugggUacacggggugc..... 1
 Gi3_28580641_x1.....aagaUaagcgccgucaggcccc..... 1
 Gi1_4164747_x1.....ggagacgucgugggUacacggggugcc..... 1
 Gi2_11064369_x1.....Ugaucggagacgucgugggaacacggggugc..... 1
 Gi3_28297429_x1.....aucggagacAucgugggaacacggggugc..... 1
 Gi3_28723611_x1.....gagacgucgugAgaacacggggugccgaacu..... 1
 Gi2_11102523_x1.....ugggaaGacggggugccgaac..... 1
 Gi2_11332818_x1.....gaucggagacgucgugggUacacg..... 1
 Gi2_11340229_x1.....aucggagaAgucgugggaacac..... 1
 Gi2_11279631_x1.....ucaggcccNgccaguacugcgauccgga..... 1
 Gi2_11264190_x1.....aagagaagcgccgucaggcGc..... 1
 Gi1_4322489_x1.....gggaacacggggugccgCac..... 1
 Gi1_4160432_x1.....ccgccaguNcugcgauccggaga..... 1
 Gi3_28612825_x1.....gauAggagacgucgugggaacacggg..... 1
 Gi3_28565849_x1.....Nugggaacacggggugccg..... 1
 Gi3_28671649_x1.....ccUcgccaguacugcgau..... 1
 Gl1a_6214333_x1.....cgugggGacacggggugccgaac..... 1
 Gi3_28557589_x1.....gaucggagacgucgugggaa..... 0
 Gi2_11023500_x1.....ggagacgucgAgggaacacggggug..... 1
 Gi3_28277162_x1.....gaNcacggggugccgaac..... 1
 Gi3_28728299_x1.....guacugcgauccggagacgucgugggaaGacgg..... 1
 Gi3_28880580_x1.....agaagcgccgucaggccccgUc..... 1
 Gi3_28821829_x1.....cggagacgucgugggaacCggggugccgaac..... 1

Gi3_28408942_x1.....cggagacgucgugggaacacggggGgc..... 1
 Gl1a_6311891_x1.....gugggaacacggggugccgaG..... 1
 Gi2_11091012_x1.....agccccgccaguacugcgaC..... 1
 Gi1_4371050_x1.....cggGgacgucgugggaacacgggg..... 1
 Gi3_28742015_x1.....cGgccaguacugcgaucggagacgucgu..... 1
 Gi3_28459930_x1.....uUcugcgauccggagacgu..... 1
 Gi2_11313946_x1.....ugggaacacggggUccgaacu..... 1
 Gi2_11094266_x1.....cgNagacgucgugggaacacggggugcc..... 1
 Gi2_11213159_x1.....acgucgAgggaacacggggugcc..... 1
 Gi2_11026308_x1.....gucgugggaacacggggAgc..... 1
 Gi3_28727882_x1.....ccgccaguUcugcgauccggagac..... 1
 Gi2_11038292_x1.....cgugggaGcacggggugccg..... 1
 Gi2_11116710_x1.....ggccccgccaguacugcgcCucg..... 1
 Gi2_11402528_x1.....agaagcgcNgcagggccccgccaguac..... 1
 Gi5_9121618_x1.....acgucgugggaacacgUggugccgaacu..... 1
 Gi5_9068629_x1.....Cggccccgccaguacugc..... 1
 Gi3_28261837_x1.....aucggaAacgucgugggaacac..... 1
 Gi2_11200595_x1.....Ncgucgugggaacacggggugccgaacu..... 1
 Gi2_11395508_x1.....ccgccaguacugUgauccggag..... 1
 Gl1a_6078785_x1.....uGcugcgauccggagacgucgu..... 1
 Gi1_4376531_x1.....aAcggagacgucgugggaacacg..... 1
 Gi2_11146186_x1.....Cagacgucgugggaacacggggug..... 1
 Gi4_590441_x1.....ucggagacNucgugggaacacggggugccg..... 1
 Gi2_11291305_x1.....gUgacgucgugggaacacggggug..... 1
 Gl1a_6286601_x1.....aacaGggggugccgaacu..... 1
 Gi5_8970245_x1.....ugggaacacUgggugccgaac..... 1
 Gi2_11334412_x1.....gccccgccaguacugcgaucgA..... 1
 Gi3_28785700_x1.....ccccgccaguacugcgaucggagCc..... 1
 Gi4_595930_x1.....aucggagacgucgugggGacacggg..... 1
 Gi1_4328034_x1.....gagGcgucgugggaacacggggugccgaacu..... 1
 Gi3_28427025_x1.....aucggagacgucgugggaacacCggg..... 1
 Gi1_4252213_x1.....aucggagacgucgugggaCcacggggu..... 1
 Gl1a_6158258_x1.....aguaAugcgauccggagacgucgug..... 1
 Gi3_28470486_x1.....gaucggagacgucgugggaacacggUgugcc..... 1
 Gi3_28775358_x1.....guacGgcgauccggagacguc..... 1
 Gi2_11072428_x1.....ugggaacaUggggugccg..... 1
 Gi5_8939210_x1.....uUgugggaacacggggugcc..... 1
 Gi3_28886576_x1.....aguacugcgauccAgagacgucg..... 1
 Gl1a_6211101_x1.....cguAgggaacacggggugcc..... 1
 Gi1_4164855_x1.....ggaacacggggUccgaacu..... 1
 Gi2_11031034_x1.....ucgugggaacacggggugUcgaa..... 1
 Gi1_4226840_x1.....ggagGcgucgugggaacacggggugccg..... 1
 Gi3_28425316_x1.....cguuccgaauaCgaagagaagcgccgu..... 1
 Gi2_11036564_x1.....gucgCgggaacacggggugccgaa..... 1
 Gi3_28926027_x1.....aggccccAccaguacugcgau..... 1
 Gi2_11288652_x1.....caggccccgcAaguaucgcauc..... 1
 Gi2_11403600_x1.....agUgaagcgcgucagggccccgccaguacugc..... 1

Gi1_4353308_x1.....aucggGgacgucgugggaa.....1
 Gi3_28635184_x1.....gugggaacacggggugcUgaacuu.....1
 Gi3_28695490_x1.....Gagagaagcgccgucagcc.....1
 Gi2_11131973_x1.....gaucggagacgucgugggaaUacggggugc.....1
 Gi3_28761092_x1.....agcgccguNagccccgccaguacugc.....1
 Gi2_11386734_x1.....gagaUgucgugggaaacacggggugcc.....1
 Gi1_4347714_x1.....agacgucUugggaacacgggg.....1
 Gi1_4262360_x1.....gugggaacacggggugccgC.....1
 Gi3_28518761_x1.....cAccgucagggcccgccaguacu.....1
 Gi3_28477810_x1.....agaagcgccgucagAccccgccaguacu.....1
 Gi3_28461471_x1.....aCacgucgugggaaacacgggg.....1
 Gi3_28823696_x1.....gagaagcgNcgucagggcccg.....1
 Gi2_11286252_x1.....caCgccccgccaguacugc.....1
 Gi1_4327139_x1.....ucaggccUcgccaguacugcg.....1
 G1a_6023048_x1.....aucggagacgucgugggaaGacgg.....1
 Gi3_28954769_x1.....ccccgccGguacugcgauccgga.....1
 Gi2_11352255_x1.....cNugggaacacggggugccgaacu.....1
 Gi4_581586_x1.....ugggaacacggggCugccgaacu.....1
 Gi3_28335166_x1.....cccgccagAacugcgauccgga.....1
 Gi3_28538267_x1.....cgccaguacugcgauccgCagacguc.....1
 Gi2_11125143_x1.....aguacugcgauccggaGgu.....1
 Gi5_9012387_x1.....uggUaacacggggugccgaac.....1
 Gi5_8974192_x1.....ccgccaguNcugcgauccgga.....1
 Gi1_4353728_x1.....cgCcgugggaacacggggugccgaac.....1
 G1a_6315337_x1.....ggCacacggggugccgaacu.....1
 Gi1_4386803_x1.....caggccccgccaguaAugcg.....1
 Gi3_28781570_x1.....gucgugggaaacaAggggug.....1
 Gi2_11230623_x1.....agacguGgugggaacacggggugccga.....1
 Gi1_4273645_x1.....Gucggagacgucgugggaaac.....1
 Gi3_28766273_x1.....gaucggagaGgucgugggaaacacggggugc.....1
 Gi2_11298993_x1.....cguuccgaauuaCgaagagaagcgccguca.....1
 Gi2_11389867_x1.....gNgaucggagacgucgugggaa.....1
 Gi2_11343927_x1.....caggccccgccaguacugcC.....1
 Gi3_28381291_x1.....gggaacacAggggugccga.....1
 Gi3_28376956_x1.....ggagacgAcgugggaacacgggg.....1
 Gi3_28505328_x1.....cgauccggagacguUgugggaacacg.....1
 G1a_6205724_x1.....gauAggagacgucguggg.....1
 Gi3_28737044_x1.....gGagagaagcgccgucagcc.....1
 G1a_6044177_x1.....aucggagacgucguAgga.....1
 G1a_6261034_x1.....caguacugcgauccgUgacguc.....1
 Gi2_11205538_x1.....cUucgugggaacacggggugccgaacu.....1
 Gi3_28924662_x1.....ucggagacgucgugggaaacacggA.....1
 Gi2_11111732_x1.....aucggagacgucguUggaacacggg.....1
 Gi3_28979578_x1.....gacgucgugggaaacGcgg.....1
 Gi4_567410_x1.....ucgugggaAacggggugccgaacu.....1
 Gi3_28287143_x1.....guacugcgCucggagacgu.....1
 Gi1_4203797_x1.....ccgccaguacugcgauccgagacguU.....1

Gi3_28718337_x1.....cagggccccccagucugcgauCGUa..... 1
Gi1_4245000_x1.....ucaNgcggccccccagucugcgauC..... 1
Gi3_28836027_x1.....aguacugcgauCGGgGacguc..... 1
Gi2_11339754_x1.....caAgccccccagucugcgau..... 1
Gi3_28650059_x1.....cgauCGGgagacgucgugCG..... 1
Gi1_4177938_x1.....acguAgugggaaacacggggugcc..... 1
Gi2_11058230_x1.....agagaagUgcccugcagggccccgc..... 1
Gi1_4262353_x1.....gagacgucgugggaaacacggggugccgaGcu..... 1
Gi3_28719538_x1.....agacgucgugggaaacacggggugUcgaac..... 1
Gi3_28548211_x1.....ugggaaacGggggugccgaa..... 1
Gi2_11171666_x1.....gucgugggNacacggggugc..... 1
Gi3_28657938_x1.....agacgucgugggaaacacggggugccgaa..... 1
G1a_6129931_x1.....aagcgccgucagggccccccCguacugc..... 1
Gi3_28839003_x1.....cggagacgucgGgggaaacacg..... 1
Gi5_8951262_x1.....gccccccagucugUgauCGga..... 1
Gi3_28443477_x1.....gauCGgagNcgucgugggaa..... 1
Gi3_28663337_x1.....ccgccaagucugcgGucggagacgucgug..... 1
Gi2_11375270_x1.....acgucgugggaaacacCgggugccgaa..... 1
Gi2_11069953_x1.....ccaguGcugcgauCGgag..... 1
Gi5_9125680_x1.....gucgugggaaacacggggugccgaa..... 1
Gi3_28354762_x1.....gcgccgucNggccccccagucugc..... 1
Gi2_11083625_x1.....ucagggccccUgccaagucugc..... 1
Gi3_28364240_x1.....gcccugcagggAccgcca..... 1
Gi2_11162057_x1.....cggagacgucgugggaaacUcggggugcc..... 1
Gi2_11206647_x1.....gagacgucgugggaaacGcggg..... 1
Gi2_11249896_x1.....gucagggccccccUguacugc..... 1
Gi2_11332785_x1.....ucggagacgucgugggaaacacgAggu..... 1
G1a_6151598_x1.....aguacugcgauCGgagaAguc..... 1
Gi5_9135289_x1.....auUggagacgucgugggaaacac..... 1
Gi3_28532652_x1.....cgauCGgaNacgucgugggaaacacggggugc..... 1
Gi3_28801254_x1.....gcccCguacugcgauCGgagac..... 1
Gi1_4245204_x1.....Ugucgugggaaacacggggugccgaa..... 1
Gi1_4215633_x1.....agggccccNcagucugcgga..... 1
Gi1_4253299_x1.....agacgucgugggaaacacggggugccgaa..... 1
Gi3_28589990_x1.....agaagcgccgucUgccccccca..... 1
Gi3_28509712_x1.....cgugggaaacacgCggugccga..... 1
Gi2_11041503_x1.....aucggagacguGugggaaacacggggg..... 1
Gi4_595456_x1.....gggaaacacggggugccgGacu..... 1
Gi3_28376664_x1.....ggagacgucgugggaaacacAgggugccga..... 1
Gi5_8967059_x1.....cgucgugggaaacacggggugcc..... 1
Gi5_8870814_x1.....gccccAccagucugcgauCGga..... 1
Gi1_4328206_x1.....acgAcgugggaaacacggggugcc..... 1
Gi1_4355038_x1.....gauCGgagacAucgugggaaacacg..... 1
Gi5_8885573_x1.....agacgucgugggaaacacggggugccgaUcu..... 1
Gi2_11138332_x1.....ucgugggaaacacggggugccg..... 1
G1a_6051418_x1.....gauUggagacgucgugggaaacacggggg..... 1
Gi5_9039648_x1.....agacgucgNgggaaacacggggugcc..... 1

Gi2_11220442_x1.....cgccgucagggcccCccaguacu.....gucgugggaacCcgggugccgaac..... 1
 Gi5_8876728_x1.....gucgugggaacCcgggugccgaac..... 1
 Gi3_28554867_x1.....aucggagacgucgAgggaacacggggugc..... 1
 Gi2_11312328_x1.....gagGagcgcgcgucagggcccgcagacu..... 1
 Gi2_11094644_x1.....cagNacugcgauccgagacguc..... 1
 Gi3_28303382_x1.....cggagacgucgugggaCcac..... 1
 Gi5_8866143_x1.....gugggaacUcggggugcc..... 1
 Gi3_28369050_x1.....cgccguUaggccccgcagacu..... 1
 Gi3_28882310_x1.....gucgugggaacacggggugccAa..... 1
 Gi2_11077758_x1.....acgucgugggaacacgUggugccgaacu..... 1
 Gi2_11370542_x1.....caggccccgcagacuugcgGucgg..... 1
 Gi5_8964123_x1.....gggaacacggggugccgaaA..... 1
 Gi3_28317758_x1.....ucaggccccgcagacuugcgau..... 0
 Gi2_11391827_x1.....gaagagaGgcccgcgucagggcccg..... 1
 Gi4_587397_x1.....gAaacacggggugccgaac..... 1
 Gi2_11258921_x1.....ucgugggaacacgAgugccg..... 1
 Gi3_28506660_x1.....aucggagaGgucgugggaacac..... 1
 Gi2_11192018_x1.....acugUgaucggagacgucgugggaaca..... 1
 Gi1_4381532_x1.....Acggagacgucgugggaacacggg..... 1
 Gi3_28822714_x1.....acacggggugcUgaacuu..... 1
 Gi3_28877057_x1.....gUcguacagggccccgcagacuugcgau..... 1
 Gi5_8877379_x1.....cgucgugAgaacacggggugccgaac..... 1
 Gi2_11068086_x1.....acgucgugggaacacgggCugccgaac..... 1
 Gi2_11049014_x1.....acgCcgugggaacacggggugccgaac..... 1
 Gi1_6053314_x1.....aucggGgacgucgugggaacacggggu..... 1
 Gi3_28333502_x1.....Aaucggagacgucguggg..... 1
 Gi2_11346058_x1.....aagAgccgucagggccccgcagacuugc..... 1
 Gi3_28395764_x1.....gccagacuugcUaucgga..... 1
 Gi3_28675195_x1.....caggccGcgcagacuugcga..... 1
 Gi2_11234361_x1.....gccccgcagacuucgga..... 1
 Gi5_8864114_x1.....ugcgauccgagaUgucgug..... 1
 Gi3_28532613_x1.....cgucagggccccgcCguacuugc..... 1
 Gi1_4250287_x1.....ggccccgcagacuugcgauugcUaga..... 1
 Gi2_11080560_x1.....ugggaacacgUggugccgaac..... 1
 Gi1_4321274_x1.....cggaUacgucgugggaacacggggugccgaacu..... 1
 Gi4_581998_x1.....acugcgauccgagGcgucgug..... 1
 Gi3_28437065_x1.....Ucgccagacuugcgauccgag..... 1
 Gi1_4285933_x1.....cgucUggccccgcagacuugc..... 1
 Gi3_28859550_x1.....aagcgccgucagggccccgcagacuugU..... 1
 Gi2_11382264_x1.....ugggaacacggggugGcga..... 1
 Gi5_8838128_x1.....gagacgucgCgggaacacg..... 1
 Gi5_8904636_x1.....aagagaagcgcgucagggccccgAca..... 1
 Gi3_28423570_x1.....gaagagaagcgcAucagggccccgc..... 1
 Gi5_9051496_x1.....aggccccgcagCacugcgau..... 1
 Gi2_11389567_x1.....caggccccgcagacuugcgau..... 1
 Gi2_11048233_x1.....gaAgucgugggaacacggggugccgaac..... 1
 Gi2_11259171_x1.....cccgAcagacuugcgauccg..... 1

Gi1_4377485_x1.....ggccccgccUguacugcgauccgaga..... 1
 Gi5_9137869_x1.....cgucgCgggaacacggggugccga..... 1
 Gi3_28511157_x1.....cgccgucagggccccccagucgU..... 1
 Gl1a_6178501_x1.....aucgCagacgucgugggaaacacggg..... 1
 Gi4_607299_x1.....gugggaacacggggugUcgaacu..... 1
 Gi2_11371436_x1.....aggNccccccagucugcg..... 1
 Gi2_11250067_x1.....cgugggaUcacggggugccgaac..... 1
 Gi3_28979102_x1.....agacgucgugggCacacggggugccgaacu..... 1
 Gi3_28557240_x1.....aggccccccagucugcgauccgU..... 1
 Gi3_28340331_x1.....agagaagcgAcgucagggccccg..... 1
 Gi3_28917695_x1.....cggagacgucgugggaCcacggggugccgaac..... 1
 Gi3_28791274_x1.....caggccccccagucugcgauccgUgacguc..... 1
 Gi3_28738503_x1.....ucgugggaacacggggugccgaaGu..... 1
 Gi3_28445297_x1.....agCccccccagucugcgga..... 1
 Gi2_11089975_x1.....ccGguacugcgauccgagacg..... 1
 Gi5_9082592_x1.....Uaggccccccagucugcgga..... 1
 Gl1a_6245793_x1.....aggccUcgccagucg..... 1
 Gi5_9043191_x1.....cagucugcgCucggagacguc..... 1
 Gi5_8919849_x1.....agacgucgugggaacacggggugccgaaUu..... 1
 Gi3_28643645_x1.....caggccccccagGacugcgau..... 1
 Gi1_4363673_x1.....aucggagacgucgugggCacacg..... 1
 Gi2_11360102_x1.....aucggagacgucgAgggaaacac..... 1
 Gi1_4287872_x1.....Ccgagacgucgugggaacacggggugcc..... 1
 Gl1a_6196858_x1.....aucggagacgucUugggaacacggggg..... 1
 Gi2_11213851_x1.....ugcgauccgagGcgucgugggaacacg..... 1
 Gi5_8994116_x1.....aucAgagacgucgugggaacacggggugc..... 1
 Gi3_28398628_x1.....ucggagacgCcgugggaaca..... 1
 Gi1_4268758_x1.....gacgucgugggaacGcggggugccgaaacu..... 1
 Gi5_8866812_x1.....agaagcgccgucagggccccccagucCgc..... 1
 Gi5_8854180_x1.....aucggagacgucgugggaacacggggA..... 1
 Gi1_4375399_x1.....cgauccgagacgucgugggaacacgAggu..... 1
 Gi2_11258352_x1.....Uuacugcgauccgagacg..... 1
 Gi5_9034983_x1.....cagucugcgauccgagagUgucgug..... 1
 Gi5_9093981_x1.....cgugggaCcacggggugcc..... 1
 Gi3_28411699_x1.....aggccccgUcagucugcgauccg..... 1
 Gi3_28666005_x1.....auNggagacgucgugggaacac..... 1
 Gi1_4234473_x1.....cgucgucCggaacacggggugccgaacu..... 1
 Gl1a_5982544_x1.....cagucugcgauccgGgac..... 1
 Gi3_28686692_x1.....cAucgugggaacacggggug..... 1
 Gi2_11075306_x1.....gccgucagggccccccCguacugcgaucc..... 1
 Gi3_28564195_x1.....gacgucgugggCacacggggugccgaacu..... 1
 Gi3_28587914_x1.....ggGgacgucgugggaacacggggugccg..... 1
 Gi3_28665445_x1.....gucgugggaacacCggggugccgaac..... 1
 Gi2_11315309_x1.....cgucgugggaacacggggugGcgaacu..... 1
 Gi2_11142490_x1.....cgugggaacCggggugccga..... 1
 Gi2_11236935_x1.....caggccccccagucCgcaucgga..... 1
 Gi3_28608358_x1.....ucgugggaacacggAgugccgaa..... 1

Gi2_11338661_x1.....gCcaggccccgccaguacug..... 1
 Gi3_28316513_x1.....cgccgucCggccccgccaguacu..... 1
 G1a_6187858_x1.....aucggagacgucguggggaCcacggggugc..... 1
 Gi5_8862829_x1.....gugUgaacacggggugccgaac..... 1
 Gi2_11277441_x1.....gCccccgccaguacugcga..... 1
 Gi4_601028_x1.....agagaagcgccgucaggcccc..... 0
 Gi3_28949602_x1.....ucggagacgucgugggaaacacgggAugcc..... 1
 Gi3_28683014_x1.....Cccaguacugcgauccggag..... 1
 Gi2_11192321_x1.....caggccccgccaguacugcgauccggGgacg..... 1
 Gi1_4281922_x1.....gugggaaacacggggGgccga..... 1
 Gi3_28310791_x1.....Uggagacgucgugggaaacacggggugccgaa..... 1
 Gi2_11227067_x1.....ucggagacgucgCgggaac..... 1
 Gi2_11392116_x1.....gccaguacugcgauccggagC..... 1
 Gi5_9074197_x1.....gcgcccgucGggccccgccaguacugc..... 1
 Gi1_4304487_x1.....cggaAacgucgugggaaacacggggugccgaacu..... 1
 Gi1_4173540_x1.....acgucgCgggaacacgggg..... 1
 Gi2_11222988_x1.....gAcaggccccgccaguacugcg..... 1
 Gi3_28285986_x1.....ucgugggGacacggggugccga..... 1
 Gi2_11027356_x1.....agacgucguggAaacacggggugcc..... 1
 Gi3_28750114_x1.....Agccccgccaguacugcgauccggagac..... 1
 Gi1_4259982_x1.....agacgucgugggUaacacggggugccga..... 1
 Gi2_11233788_x1.....cggagacgucguggAaacacggggg..... 1
 Gi2_11370411_x1.....gggaacaUggggugccga..... 1
 G1a_6256329_x1.....uacugcgauccggagacGAcgu..... 1
 Gi3_28316678_x1.....aucggagacgucgugggaaacaUgggg..... 1
 Gi2_11238775_x1.....cgUucggagacgucgugggaaacacggggg..... 1
 Gi3_28692046_x1.....gaaAagaagcgccgucaggccc..... 1
 Gi3_28445726_x1.....cgucaggccccgcGaguacugcg..... 1
 Gi3_28594175_x1.....gaucggagacgucgugggCacacggggugc..... 1
 Gi3_28889290_x1.....ggccccgccaguacugcg..... 0
 Gi5_8865464_x1.....Ggucgugggaaacacggggugccgaacu..... 1
 Gi5_8993805_x1.....cAucguggaaacacggggugccgaacu..... 1
 Gi3_28461412_x1.....ggagacgucgugggaaacacggAg..... 1
 Gi3_28272022_x1.....uNguggaaacacggggugccgaacu..... 1
 Gi2_10995274_x1.....aucCgagacgucgugggaaacacggggg..... 1
 Gi1_4369423_x1.....aucggagacgucgugggCacacggggugc..... 1
 Gi3_28782433_x1.....gaucggagacgucgugggaaUacgggg..... 1
 Gi1_4264808_x1.....aucggCgacgucgugggaaacacggg..... 1
 Gi3_28806357_x1.....cAccgucaggccccgccagu..... 1
 Gi2_11125983_x1.....caguacugAgauccggagacguc..... 1
 Gi3_28381896_x1.....aggccccgccaguacugcgauccggagacU..... 1
 Gi2_11084563_x1.....cgauccAgagacgucgugggaaacacggggugcc..... 1
 Gi3_28498611_x1.....gcgaucggNgacgucgugggaaacacggg..... 1
 Gi2_11035066_x1.....ucggagacgucgCgggaacacggggugccga..... 1
 Gi2_11340820_x1.....Cgagacgucgugggaaacacggggg..... 1
 Gi1_4159144_x1.....agagaagcgccgucaggcUccgc..... 1
 Gi1_4303579_x1.....cUggccccgccaguacugcgauc..... 1

Gi2_11207181_x1.....gccccgccagGacugcgauC..... 1
Gi2_11359988_x1.....aucggagacgucguggCaacacggggug..... 1
Gi3_28394609_x1.....agacgucguggaacacggUgugcc..... 1
Gi5_8921840_x1.....ccccgccaguacugcgauCggagaAg..... 1
Gi5_9127092_x1.....ucggagacgucguggGacacggggugc..... 1
Gi2_11182255_x1.....gcgaucggagacgucguggaacacgA..... 1
Gi5_9070689_x1.....gaucggagacgucguggGacac..... 1
G1a_6289547_x1.....aucggagaUgucguggaacacggggug..... 1
Gi5_9075728_x1.....gagacgucguggaacac..... 0
Gi5_8949251_x1.....gacgAcguggaacacggggugccg..... 1
G1a_6332303_x1.....cgGucggagacgucguggaacacggggugc..... 1
Gi3_28834695_x1.....guUguggaacacggggugccgaacu..... 1
Gi2_11036193_x1.....gaucggagacgucgugUgaacac..... 1
Gi2_11340687_x1.....cugcgaucggagacgucguggaacacggggugcc..... 0
Gi3_28358481_x1.....cgucgugUgaacacggggugccgaac..... 1
G1a_6207957_x1.....cccgCAaguacugcgauCggagacguc..... 1
Gi2_11253814_x1.....gNgggaacacggggugccgaacu..... 1
Gi2_11337994_x1.....gaucggagacgucguggaacacggggaaAacg..... 1
Gi2_11028801_x1.....acgAcguggaacacggggugccgaa..... 1
G1a_5991861_x1.....gGcugggaacacacggggugcc..... 1
Gi3_28691323_x1.....gaagcgccgCcaggccccgcc..... 1
Gi2_11149992_x1.....cgucguggaacCcggggugccgaa..... 1
Gi2_11382921_x1.....gGgaagcgccgucagggcc..... 1
Gi2_11112296_x1.....cgugggaacaAggggugc..... 1
Gi5_8862983_x1.....caggccccgccaguacugcgAc..... 1
Gi2_11299674_x1.....acgucguAggaacacggggugccga..... 1
Gi2_11354419_x1.....aggccccgccaguaUugcgau..... 1
Gi2_11084750_x1.....aucggagacgucguggaacacggggGgccg..... 1
Gi2_11110685_x1.....gaucggagacgucguggAaac..... 1
G1a_6129482_x1.....guacuAcgaucggagacguc..... 1
G1a_6288706_x1.....ggaaGacggggugccgaac..... 1
Gi1_4367622_x1.....ucguggaacacacggggAgcc..... 1
Gi2_11400310_x1.....cgccaguacugUgaucggagacgu..... 1
Gi2_11144036_x1.....Uggccccgccaguacugcgau..... 1
Gi3_28687848_x1.....caggccccgUcaguacugcgauCgg..... 1
Gi2_11053412_x1.....gucguggaacacacggggug..... 0
Gi1_4370659_x1.....cAccaguacugcgauCggaga..... 1
Gi3_28784238_x1.....agCacugcgauCggagacgucgu..... 1
Gi3_28425432_x1.....Aaagagaagcgccgucagggccccgccagu..... 1
Gi3_28757754_x1.....agacgucguggaacacggA..... 1
Gi2_11332601_x1.....cguggaacacgggAugccga..... 1
Gi2_11224623_x1.....ccgGcaguacugcgauCgg..... 1
Gi3_28633418_x1.....aucggagacgucguggaacacgggC..... 1
Gi2_11388664_x1.....uggaacacggggugccC..... 1
Gi3_28329499_x1.....cccgccagCacugcgauCggagac..... 1
G1a_6126572_x1.....ccUcgccaguacugcgauCg..... 1
Gi5_8842241_x1.....gugggaacaUggggugccgaacu..... 1

Gi3_28690423_x1.....gaucggagacgucguAggaaca..... 1
 Gl1_6118384_x1.....agUagcgccgucaggccc..... 1
 Gi3_28902753_x1.....Agagacgucgugggaacacggggugccgaacu..... 1
 Gi1_4312056_x1.....ggccccgccaguacugcgau..... 0
 Gi3_28300504_x1.....Agagacgucgugggaacacggggug..... 1
 Gi3_28561280_x1.....gaagcgccgucagggAccgccaguacugc..... 1
 Gi3_28617291_x1.....ggaacacggggugccAaa..... 1
 Gl1_6265280_x1.....cccgccaguacugcgauUggagacguc..... 1
 Gi3_28309117_x1.....aagagaagcgAcgucaggcccc..... 1
 Gl1_6141746_x1.....aaUagaagcgccgucaggccccg..... 1
 Gi3_28585106_x1.....cgauccgagacgucgugggaa..... 0
 Gl1_6244380_x1.....Gucggagacgucgugggaacac..... 1
 Gi2_11188468_x1.....Caucggagacgucguggga..... 1
 Gl1_5990120_x1.....cgccaguGcugcgauccgagacguc..... 1
 Gi1_4210768_x1.....agacgucgugggaacacAgggugccgaacu..... 1
 Gi3_28415105_x1.....aagagaGgcgcccgucagggccccgccagua..... 1
 Gi3_28415984_x1.....ccgucagggccccgccaguacuAc..... 1
 Gi3_28782751_x1.....gccaguacugcgGucggagacgucg..... 1
 Gi3_28269882_x1.....aggccccgccaguacugcgUu..... 1
 Gi3_28641246_x1.....gugggaacaUggggugccgaacuu..... 1
 Gi2_11397773_x1.....gucagggccccgccUguacugcgau..... 1
 Gi5_8893126_x1.....gagacgucgugggaGcacg..... 1
 Gl1_6061706_x1.....aAuaggaagagaagcgccguc..... 1
 Gi3_28599305_x1.....gagaagcgccgucagggUcc..... 1
 Gi3_28823251_x1.....cggagacgucgugggaacacAggg..... 1
 Gi3_28547721_x1.....gaucggagacgucgugggaacaUggggg..... 1
 Gi1_4187600_x1.....caggccccgcUaguacugcgauccgaga..... 1
 Gi2_11252084_x1.....ccccgccAuaucugcgauccgagacguc..... 1
 Gi2_11379623_x1.....gaagGgccgucagggccccgc..... 1
 Gi2_11220000_x1.....Uucggagacgucgugggaac..... 1
 Gi3_28588148_x1.....gucgugggaacacggCgugccgaacu..... 1
 Gi5_9069445_x1.....acAgcgauccgagacgucgug..... 1
 Gi1_4286045_x1.....gacgucgugggaacacggggUaccgaacu..... 1
 Gi3_28292153_x1.....agacgucgugggaacacgUg..... 1
 Gi3_28278337_x1.....gUagagaagcgccgucagggccccgccagua..... 1
 Gi1_4374556_x1.....ucggagGcugcugugggaacacggggg..... 1
 Gi1_4273663_x1.....caggccccgccaguacuAcg..... 1
 Gi3_28370221_x1.....gaagCgaagcgccgucagggccccgccag..... 1
 Gi3_28887630_x1.....cgUagacgucgugggaacacggg..... 1
 Gi3_28637369_x1.....cucguuccgaauaCgaagagaagcgccg..... 1
 Gl1_6188484_x1.....cgauccgGgacgucgugg..... 1
 Gi2_11067447_x1.....Ucugcugugggaacacggggugccgaac..... 1
 Gi3_28985887_x1.....ggagacgucgugggaacacggUgugcc..... 1
 Gi5_9092483_x1.....gaucggagacgucgugggGacacgg..... 1
 Gi3_28654476_x1.....aucggagacgucgugggaacacggggugccCacu..... 1
 Gi3_28357262_x1.....aagagaagcgccgucagggUcgcc..... 1
 Gi2_11272031_x1.....gaucggagacgucgCgggaacacggggugcc..... 1

Gi1a_6235373_x1.....aucggagacgucgugggaaacacgAgggugcc..... 1
 Gi2_11089553_x1.....gccgucaggccccgccaCuacugc..... 1
 Gi3_28465573_x1.....agacgucgugggaaAacggg..... 1
 Gi2_11181002_x1.....gaucggaAacgucgugggaaacacggggu..... 1
 Gi2_11142159_x1.....ucggagacgucgugggaaacUcg..... 1
 Gi2_11050627_x1.....gagacAucgugggaaacacggg..... 1
 Gi3_28578397_x1.....gccgucaggccccgcAaguacugcg..... 1
 Gi4_602119_x1.....ggccccgccaguacugcgau..... 0
 Gi2_11149848_x1.....guacugcgauccggagacgucgCggg..... 1
 Gi3_28341206_x1.....cgauccggagacgucguAg..... 1
 Gi2_11250710_x1.....gaucggagacgGcgugggaaaca..... 1
 Gi3_28341450_x1.....ucggagacguAgugggaaaca..... 1
 Gi5_8971729_x1.....gNaacacggggugccgaacu..... 1
 Gi5_8854846_x1.....guUggaacacggggugccgaacu..... 1
 Gi2_11298927_x1.....gaucggagacgucgCgggaacacggggugc..... 1
 Gi3_28684375_x1.....gccccgccaguacugAgauc..... 1
 Gi3_28935952_x1.....gccccgccaguacugcgaAc..... 1
 Gi2_11334057_x1.....acgucgugggaaacacgggguAc..... 1
 Gi3_28949246_x1.....cgccgucaggccccgccagC..... 1
 Gi2_11029857_x1.....agagaagcgccgucagUc..... 1
 Gi2_11203537_x1.....aucggagacgucgugggaaGacggg..... 1
 Gi3_28790571_x1.....aguacugcgauccggGgacgu..... 1
 Gi3_28752703_x1.....guNggaacacggggugccg..... 1
 Gi3_28296976_x1.....cggagacgucgugggUacacg..... 1
 Gi3_28874953_x1.....ucaggccccgccaguacuA..... 1
 Gi3_28488476_x1.....gggaacacUgggugccga..... 1
 Gi2_11217098_x1.....acgucgugggaaacacggggugccgaaGu..... 1
 Gi2_11326366_x1.....uCggaacacggggugccgaacu..... 1
 Gi3_28608554_x1.....cgauccggagacgucAugggaaacacggggu..... 1
 Gi2_11110293_x1.....cgucgugggaaacacgUggugccgaacu..... 1
 Gi2_11296947_x1.....gagacgucgugggaaacacggggugccAa..... 1
 Gi3_28542167_x1.....gagaagcgccgucagggccccgUcag..... 1
 Gi5_8997735_x1.....Accaguacugcgauccggagacguc..... 1
 Gi3_28604280_x1.....gaGgagaagcgccgucagggccccgc..... 1
 Gi3_28738292_x1.....gccccgccaguacugcgauccggagGcguc..... 1
 Gi2_11356449_x1.....Cggccccgccaguacugcgauccgga..... 1
 Gi5_9081657_x1.....aucggagacgucgugggaaacGcgg..... 1
 Gi3_28897329_x1.....gAcaggccccgccaguacugcg..... 1
 Gi2_11095796_x1.....ccccgccaguacCcgauccggaga..... 1
 Gi3_28385073_x1.....aggcccUgccaguacugcga..... 1
 Gi1_4324206_x1.....aggAccgcccaguacugcgau..... 1
 Gi2_11097328_x1.....cgUcaguacugcgauccggagacguc..... 1
 Gi2_11137124_x1.....ucaggcUccgccaguacugcgau..... 1
 Gi1a_6269263_x1.....gagaagcgNcgucagggccccgccaguacug..... 1
 Gi3_28698688_x1.....uUgugggaaacacggggugccga..... 1
 Gi3_28521774_x1.....caguacugcgauccggagGcguc..... 1
 Gi3_28557209_x1.....aucggagacgucgugggaaacacggUgu..... 1

Gi3_28454640_x1..... agaaAcgccgucagggccccgcca..... 1
 Gi1_4316092_x1..... gacgucgugggaaacacAgggugccg..... 1
 Gi3_28380506_x1..... caguacugcgUucggagacguc..... 1
 Gi3_28285969_x1..... gccccgccaguacCgcgau..... 1
 Gi5_9100732_x1..... agacgucgugggaCcaccggggugccgaac..... 1
 Gl1a_6301986_x1..... gggaacaGggggugccgaacu..... 1
 Gi3_28748348_x1..... ggagacgucgugggaCcacg..... 1
 Gi2_11344688_x1..... agaagcgUcgucagggccc..... 1
 Gi2_11398153_x1..... aucggagacCucgugggaacacggggugcc..... 1
 Gi3_28601367_x1..... gucagggccccgccaguacugU..... 1
 Gi5_8991968_x1..... ugcgUucggagacgucguggga..... 1
 Gi2_11050761_x1..... agaNgccgucagggccccgccaguac..... 1
 Gi1_4333061_x1..... aacacgggUugccgaacu..... 1
 Gi3_28847616_x1..... ccaguacugGgaucggagacgucgug..... 1
 Gi3_28703434_x1..... cgccaguacugcgaucG..... 1
 Gi3_28844651_x1..... Uagagaagcgccgucagggccccgccagu..... 1
 Gl1a_6189629_x1..... gccGguacugcgaucggagacgucgug..... 1
 Gi1_4341799_x1..... gaucggGgacgucgugggaaacacggggg..... 1
 Gi5_8869645_x1..... agacguUgugggaaacacggggugccgaac..... 1
 Gi3_28654086_x1..... cgCcgugggaaacacgggggug..... 1
 Gi2_11354722_x1..... gNgaacacggggugccgaacu..... 1
 Gl1a_6102388_x1..... gugggUacacggggugccg..... 1
 Gi3_28961305_x1..... acgucgugggaaacacggggugUcgaa..... 1
 Gi1_4345552_x1..... gacgucgugGaaacacggggugccgaacu..... 1
 Gi3_28402892_x1..... ccgccaguacugcgaucggCgac..... 1
 Gi3_28851059_x1..... ggagacgucgugggaaacacgAggugccgaacu..... 1
 Gi5_8833801_x1..... cguggAaacacggggugccg..... 1
 Gi2_11216035_x1..... cgGggaaacacggggugccgaacuu..... 1
 Gi2_11118922_x1..... Accaguacugcgaucggagacgu..... 1
 Gi1_4291944_x1..... aucggagacgucgugggaaGacggg..... 1
 Gi5_9124812_x1..... aucggagaNgucgugggaaacacggggugccgaacu..... 1
 Gi1_4261397_x1..... ugcgaucggagacgucguAggaaca..... 1
 Gi3_28421221_x1..... gaucggagacgucgugggaaGacggggugc..... 1
 Gl1a_6139174_x1..... cguggaaacUcggggugcc..... 1
 Gi2_11069611_x1..... gucgugggaaacacggggguAccgaa..... 1
 Gi3_28360987_x1..... gaacacggggugccgaGcuu..... 1
 Gi2_11392832_x1..... gacgucgugggaaacacggggugAcg..... 1
 Gi3_28353697_x1..... aggccAcgccaguacugcgaucggagacg..... 1
 Gi3_28385669_x1..... ucggagacgucgugCgaacacgg..... 1
 Gi1_4257018_x1..... caggcUccgccaguacugcgau..... 1
 Gi3_28314969_x1..... gaucggagaGgucgugggaaacacgg..... 1
 Gi1_4219924_x1..... agccccgccaguacugcgGucggagacg..... 1
 Gi3_28700243_x1..... aAuacugcgaucggagacgucg..... 1
 Gi5_9133458_x1..... gccaguacNgcgaucggagacguc..... 1
 Gi2_11009185_x1..... gucgGggaaacacggggugccga..... 1
 Gi3_28617761_x1..... agaagcAccgucagggccccgccaguacugc..... 1
 Gi2_11024563_x1..... agccccgccaguGcugcgaucgg..... 1

Gi4_597071_x1 agacgucgugggaaacacggggCgcc..... 1
Gi3_28795111_x1..... cUucaggccccgccaguacugcgauccgga..... 1
Gi2_11371299_x1..... gucaggccccgccaguUcugcg..... 1
Gi2_11330130_x1..... Uaguacugcgauccggagacguc..... 1
Gi2_11290287_x1..... ccccgUaguacugcgaucc..... 1
Gi2_11198690_x1..... cgucUugggaacacggggugccgaacuu..... 1
Gi2_11138822_x1..... gaagcgccgucaAgccccgc..... 1
Gi1_4296635_x1..... ggagacgucgugggGacacggggugccgaacu..... 1
G1a_6098345_x1..... aucgAagacgucgugggaaacacggggg..... 1
Gi2_11082683_x1..... cggagacgucgugggUacacggggugcc..... 1
G1a_6095384_x1..... gaucggagaGgucgugggaaacacggg..... 1
Gi1_4358353_x1..... agacgucgugggaaacacggggCgccga..... 1
Gi1_4324654_x1..... gucgugCgaacacggggugccgaac..... 1
Gi3_28634120_x1..... gaucggagacgucgugggaaacGcgg..... 1
Gi5_8951371_x1..... gucaggUcccgccaguacugcg..... 1
Gi2_11126056_x1..... ggUgacgucgugggaaacacggggugccg..... 1
Gi3_28280598_x1..... cccgccaguacugcgGucgggagacg..... 1
Gi5_9010727_x1..... cccgAcaguacugcgauccggagacgu..... 1
Gi3_28294053_x1..... cguggUaacacggggugcc..... 1
Gi3_28717169_x1..... gccaguacugcgaAcgggagacguc..... 1
Gi2_11252444_x1..... ccccgccaguacAgcgauc..... 1
Gi1_4195591_x1..... aUgccccgccaguacugcgauccggagacgu..... 1
Gi5_8843374_x1..... agacgucguCggaacacggggugccgaacu..... 1
G1a_6223193_x1..... agccccgccAuaucugcg..... 1
Gi2_11269520_x1..... gagaagcgccgucaggccccUgccaguac..... 1
Gi5_9063362_x1..... cguggaaacacgUggugccg..... 1
Gi1_4221133_x1..... acgucgAgggaaacacggggugccgaacu..... 1
G1a_6051917_x1..... gccgucGggccccgccagua..... 1
Gi2_11346287_x1..... cGccgccaguacugcgauccggagac..... 1
Gi2_11316836_x1..... acucguuccgaauaUgaag..... 1
Gi2_11192869_x1..... cgucgugggCacacggggugccgaacu..... 1
Gi5_9061018_x1..... gagacgucgugggaaUacggggugcc..... 1
Gi4_604326_x1..... cccgccagCacugcgauccggagacguc..... 1
Gi5_9044750_x1..... ccgccaguNcugcgauccggagacguc..... 1
Gi1_4201816_x1..... ucgGggaaacacggggugccgaac..... 1
Gi3_28898779_x1..... aggcUccgccaguacugcgauccgg..... 1
Gi3_28333960_x1..... cccgccaNuacugcgauccggagacg..... 1
Gi2_11154026_x1..... aaAcgccgucaggccccgccaguac..... 1
Gi1_4290890_x1..... acgucgGggaaacacggggugccgaacu..... 1
Gi3_28767341_x1..... ucggagacgucgugAgaacac..... 1
Gi2_11365158_x1..... gucgugggaaacacggggugccgaacuu..... 0
Gi5_9092169_x1..... gcUccgccaguacugcgaucc..... 1
Gi2_11165110_x1..... cguggaaacacggggugcA..... 1
Gi5_8871658_x1..... gucgugggaaacacggggGgccgaa..... 1
Gi3_28626749_x1..... agaagcgccgucagAccccgccaguacug..... 1
Gi2_11266072_x1..... ucguggaaacacAgggugccg..... 1
Gi2_11012139_x1..... acgucgugggGacacggg..... 1

Gi1_4357205_x1.....agacUucgugggaaacacggggugccgaac..... 1
 Gi3_28305892_x1.....gucgugggaaacacggggugccgaacAu..... 1
 Gi1_4169128_x1.....Gcgucgugggaaacacggggugccgaa..... 1
 G1a_6309085_x1.....gaucggagacgucgGgggaacacggg..... 1
 Gi2_11041161_x1.....cgaucggagacgucgugA..... 1
 Gi3_28274725_x1.....aggccccccagCacugcgaucgga..... 1
 Gi3_28517073_x1.....caguacugcAaucggagacgu..... 1
 Gi3_28835081_x1.....ucgugggaaacacggggCgccgaa..... 1
 G1a_6216077_x1.....gagaagcgcUgucaggccccgcca..... 1
 Gi3_28384105_x1.....ggagacgucgugggaaacacggggU..... 1
 G1a_6269004_x1.....gaaCcggggugccgaacu..... 1
 Gi2_11146168_x1.....agacguUgugggaaacacggggugc..... 1
 Gi3_28365960_x1.....gAcgucaggccccccaguac..... 1
 Gi3_28773855_x1.....gucgugggCacacggggugccgaacuu..... 1
 Gi2_11363551_x1.....gucUugggaacacggggugcc..... 1
 Gi2_11254428_x1.....gucgugggaaacCcggggugccg..... 1
 Gi5_9021273_x1.....gugggaUcacggggugccgaac..... 1
 Gi5_9049361_x1.....gucgugggaaacaAggggugccgaac..... 1
 Gi1_4252816_x1.....ccgucaggNccccccaguacugcgaucgga..... 1
 Gi3_28516597_x1.....cgccaguacugcAaucggagac..... 1
 Gi3_28709745_x1.....ggagacgucguggAaacacg..... 1
 Gi3_28619085_x1.....aggcGccgccaguacugcgaucggagacg..... 1
 Gi3_28976063_x1.....aCacgucgugggaaacacgggg..... 1
 Gi5_9122136_x1.....ggagacgucgugggUacacggggugccgaac..... 1
 Gi2_11318283_x1.....cAgagacgucgugggaaaca..... 1
 Gi3_28430848_x1.....gccgucaAgccccccaguacu..... 1
 Gi2_11155730_x1.....cccgccaguGcugcgaucggagac..... 1
 G1a_6357245_x1.....guacugcgaucggagaAguc..... 1
 Gi1_4238072_x1.....ucguCggaacacggggugcc..... 1
 Gi3_28634512_x1.....caggccccgccaUuacugcgaucggagacgu..... 1
 Gi2_11121042_x1.....acgucgugggaaacCcggg..... 1
 G1a_6048134_x1.....caggGccccccaguacugcgau..... 1
 Gi5_9112644_x1.....cccgccaguacugcgaucggagCcgu..... 1
 Gi3_28468745_x1.....ucggagacNucgugggaaacacggggugc..... 1
 G1a_6193564_x1.....gUagcgccgucaggccccgcca..... 1
 Gi5_8939458_x1.....aggccccgcUaguacugcga..... 1
 Gi1_4212845_x1.....gacgGcgugggaaacacggggu..... 1
 Gi5_8940460_x1.....aucggagacgucgugggGca..... 1
 Gi5_8830153_x1.....gugggaacacgggAugccg..... 1
 Gi1_4370945_x1.....gaucggagacgucgugggaaacaAgg..... 1
 Gi5_9011724_x1.....caggccccccaguacugcgGu..... 1
 Gi3_28321587_x1.....acugcgaucggagacgAcg..... 1
 Gi2_11097607_x1.....uacugcgaucggagacgCcgug..... 1
 Gi2_11143581_x1.....aguacugUgaucggagacguc..... 1
 Gi3_28913079_x1.....agagaagcgcAgucaggcc..... 1
 Gi1_4236731_x1.....ugggaacacggggUaccga..... 1
 Gi2_11089963_x1.....aagagaagNgccgucaggcc..... 1

Gi1_4248276_x1.....ugggaacacggggugAcga..... 1
 Gi2_11260865_x1.....aguacCgcgaucgagacgu..... 1
 Gi1_4371425_x1.....agacgucgNgggaacacggggugccga..... 1
 Gi2_11143558_x1.....gagaagcgcgcucagggcccgcA..... 1
 Gi1_4265337_x1.....cgucgugggaacacggggugcA..... 1
 G1a_6183787_x1.....aagcgcgcgucCggccccccagucguc..... 1
 Gi3_28760111_x1.....ucggagacgucguggAaacac..... 1
 G1a_6273551_x1.....gaucggagacgucgugggaacacAgg..... 1
 Gi3_28749840_x1.....agGcgcgucgugggaacacgggg..... 1
 Gi3_28451338_x1.....ucgugggaacaUggggugccg..... 1
 G1a_6122923_x1.....cgucgugggaacacAgggugccgaacu..... 1
 Gi3_28834636_x1.....gUgacgucgugggaacacggggugc..... 1
 G1a_6029292_x1.....aCcgagacgucgugggaacacggggugc..... 1
 Gi3_28678067_x1.....Ngaucggagacgucgugggaacacggggugc..... 1
 G1a_6250125_x1.....acCgcgaucggagacgucgug..... 1
 Gi5_9089982_x1.....ucgugggaacaccgAgugccgaac..... 1
 Gi3_28494275_x1.....gacgucgugggCacacggggugcc..... 1
 Gi5_8898557_x1.....agacgucAuggggaacacggggugccgaacu..... 1
 Gi5_8895834_x1.....caggccccccagucacuUc..... 1
 Gi1_4293370_x1.....aucggagacgucgugggaUac..... 1
 Gi5_9089283_x1.....cgugggaacacggggugccgUacuu..... 1
 Gi3_28925187_x1.....gagacgucNugggaacacggggugccga..... 1
 Gi5_9071272_x1.....Gggagacgucgugggaacacggggugcc..... 1
 Gi5_8989660_x1.....gagacgAcgugggaacacggggugccgaacu..... 1
 G1a_5988712_x1.....cccgUaguacugcgauccgagacgu..... 1
 Gi2_11194075_x1.....gccccgcagCacugcgaucgg..... 1
 Gi1_4275440_x1.....acgucgugggaacacggggugccgU..... 1
 Gi3_28314004_x1.....aggccccgNcaguacugcgauccgagacgu..... 1
 Gi3_28865295_x1.....cgugggaacaGggggugc..... 1
 Gi3_28714576_x1.....cgucagggccccccagucagU..... 1
 Gi3_28755674_x1.....gacgucgugggaacacgAggugccg..... 1
 Gi5_9065640_x1.....uggCaacacggggugccgaac..... 1
 G1a_6104492_x1.....cgugggaGcaccggggugc..... 1
 Gi2_11174654_x1.....cccgCaguacugcgaucgg..... 1
 Gi1_4204723_x1.....ggaacacgggAugccgaac..... 1
 Gi5_9130544_x1.....acgucgugggaacacggggugcAg..... 1
 Gi5_9116786_x1.....Ucgccaguacugcgauccgagacguc..... 1
 Gi3_28300868_x1.....cccgccaguaUugcgauccgagacg..... 1
 Gi3_28319358_x1.....Uccgccaguacugcgauccgagacg..... 1
 Gi3_28813327_x1.....aagagaagcgcgcucagggcccgcGg..... 1
 Gi1_4249935_x1.....gacgucgugggaacaUggggugcc..... 1
 Gi2_11227110_x1.....gaucggagGcgcgucgugggaaca..... 1
 G1a_6172033_x1.....acugcgaucggCgacgucgug..... 1
 Gi2_11322892_x1.....ggccccccagucagcgC..... 1
 Gi3_28973539_x1.....gagacgucgugggaUacg..... 1
 Gi3_28940733_x1.....gaucAgagacgucgugggaacacgggg..... 1
 Gi5_9029165_x1.....ugcgauAggagacgucgug..... 1

Gi3_28452542_x1.....caggccccgccaAuacugcgauccg..... 1
 Gi1_4319560_x1.....ugcgauccggagacguAguggga..... 1
 Gi3_28522995_x1.....agcgccgucagCccccgcaagu..... 1
 Gi5_8865896_x1.....cgccagucugcgauccggagacgCcgugg..... 1
 Gi1_4287372_x1.....gucgCgggaacacggggugcc..... 1
 Gi3_28657123_x1.....aucggagaAgucgugggaacac..... 1
 Gi3_28422773_x1.....cccgUcaguacugcgauccggagacg..... 1
 Gi3_28563814_x1.....cgAcaguacugcgauccggagacg..... 1
 Gi3_28720350_x1.....aagagaagcgccgucagggccccgcauacugcg..... 0
 Gi2_11099029_x1.....aagagaagcgccgucagUgcccc..... 1
 Gi3_28704856_x1.....cccgccagucugcAaucggag..... 1
 Gi2_11371713_x1.....agacgucgugggaacacggg..... 0
 Gi3_28736380_x1.....agAacugcgauccggagacg..... 1
 Gi1_4370836_x1.....Aaggccccgcauacugc..... 1
 Gi3_28742563_x1.....cgauccggagacgCcgugggaacacg..... 1
 Gi1_4306928_x1.....uacugcgauccggagacguU..... 1
 Gi3_28918504_x1.....gccgucaggAcccgccagucugcg..... 1
 Gi3_28742213_x1.....gggaacacggUgugccga..... 1
 Gi2_11102401_x1.....caggccccgcauacugU..... 1
 Gi2_11390177_x1.....cgccgucagggccccgcccCguacugcgaucc..... 1
 Gi2_11072392_x1.....gagaagAgccgucagggccccg..... 1
 Gi5_8982437_x1.....caggccccgcauacugcgauG..... 1
 Gi2_11313238_x1.....gacgucgugggaacacggAgu..... 1
 Gi3_28358768_x1.....cccCccagucugcgauccggagacgu..... 1
 Gi3_28424686_x1.....uUaggccccgcauacug..... 1
 Gl1a_6303468_x1.....agagaagcgccgucaggcUcc..... 1
 Gi2_11226778_x1.....ucggagacNucgugggaacacggggugccgaacu..... 1
 Gi3_28897551_x1.....agagaagcgccgucagggccccAc..... 1
 Gi5_8872013_x1.ccuuaacucguuccgaauaCga..... 1
 Gi2_11120911_x1.....aucggagacgucgCgggaacacggggugccgaacu..... 1
 Gl1a_6016942_x1.....caggccccgcauacugG..... 1
 Gi5_8918103_x1.....cgucgugAgaacacggggugcc..... 1
 Gi3_28308295_x1.....cgauccggagacgucgugggaAacg..... 1
 Gi3_28416993_x1.....ccccgcauUcugcgaucc..... 1
 Gi2_11234105_x1.....agacgucguggUaacacggggugccgaacu..... 1
 Gi3_28831660_x1.....cccgccagucugAgauccggag..... 1
 Gi5_9063717_x1.....ggAaacacggggugccgaa..... 1
 Gi2_11051088_x1.....gaagagaagcgccgucGggccccgccc..... 1
 Gi1_4273006_x1.....ggaacacggggugccAaa..... 1
 Gl1a_5995796_x1.....Cccagucugcgauccgga..... 1
 Gi2_11374229_x1.....gauNggagacgucgugggaacacggggu..... 1
 Gi3_28896554_x1.....Ggagaagcgccgucagggcccc..... 1
 Gi2_11390059_x1.....ggccccgcnaguacugcgauccggagacg..... 1
 Gl1a_6219817_x1.....gugggaacacggggugccG..... 1
 Gi5_9042366_x1.....cgugggaacacggggugccUaac..... 1
 Gi2_11176188_x1.....ggccccgAcaguacugcgaucc..... 1
 Gi2_11344375_x1.....ccgucagggccccgcauacuAcgaucc..... 1

Gi2_11233999_x1.....cgucaggccccgccCguacugc..... 1
 Gi3_28519238_x1.....aCcgagacgucgugggaaacacggggugccgaacu..... 1
 Gi2_11143733_x1.....Ccgaucggagacgucgugggaaacacgg..... 1
 Gl1a_6078088_x1.....uacuUcgauccgagacgucg..... 1
 Gi3_28555592_x1.....cccgccaguacuUcgauccgagac..... 1
 Gi2_11225464_x1.....gauUggagacgucgugggaaacacggggug..... 1
 Gi3_28418484_x1.....agacguUgugggaaacacggggugccgaa..... 1
 Gi2_11188691_x1.....cgccaguacCgcaucggagacgucg..... 1
 Gi1_4344880_x1.....acgucgugggaaAacggggugcc..... 1
 Gi3_28629756_x1.....ggagGcgucgugggaaacacggggugccgaacu..... 1
 Gi2_11354918_x1.....gucUugggaaacacggggugc..... 1
 Gi5_8953223_x1.....acugcgauccgagUcguc..... 1
 Gl1a_6113520_x1.....gaagcgccgucaggccccAgcca..... 1
 Gi1_4243984_x1.....ucgugggaaacacggCgucg..... 1
 Gi5_9070564_x1.....cCugggaaacacggggugcc..... 1
 Gi3_28655724_x1.....gaagcgccgucaggccccgcU..... 1
 Gi1_4390519_x1.....ucgugggGacacggggugc..... 1
 Gl1a_6123974_x1.....cUcgccaguacugcgauccgga..... 1
 Gi5_9093337_x1.....Ucgccaguacugcgauccgaga..... 1
 Gi5_8930557_x1.....Ugacgucgugggaaacacggggugccga..... 1
 Gi3_28583869_x1.....aagagaagcgccgucaggcAccgccaguacu..... 1
 Gi3_28689443_x1.....ucguUggaacacggggugccga..... 1
 Gi1_4219345_x1.....ggUgacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28472402_x1.....acgucgCgggaacacggg..... 1
 Gi2_11043145_x1.....gugggaCcacggggugccg..... 1
 Gi2_11170760_x1.....cgucaggccccgccaguacugU..... 1
 Gl1a_6026972_x1.....gugggaacacggggugccgaaGu..... 1
 Gi1_4317412_x1.....cgucaggccccgccaguacugcgauccg..... 0
 Gi2_11154585_x1.....gaGgcgccgucaggccccgccaguacugc..... 1
 Gi3_28386502_x1.....cgccgucaggccccgcUaguacugc..... 1
 Gi3_28749277_x1.....acgucgugggaaacacggAgugccgaac..... 1
 Gi2_11145614_x1.....aucNgagacgucgugggaaacacggggg..... 1
 Gi3_28478443_x1.....gcccgucaAgccccgccaguacugcg..... 1
 Gi2_11161591_x1.....Gggagacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28614971_x1.....gaucggagacguGgugggaacacgg..... 1
 Gi3_28727110_x1.....ccgccaguNcugcgauccgagacgu..... 1
 Gi3_28660929_x1.....cccgccaguacugcgauAggagacgu..... 1
 Gi2_11154281_x1.....aguacugcgauccgagGcgucug..... 1
 Gi2_11082676_x1.....cccgccaguacugcgauG..... 1
 Gi1_4280383_x1.....gccgucaggccccgccagua..... 0
 Gi2_11276104_x1.....acuAcgauccgagacgucg..... 1
 Gl1a_6339461_x1.....cgauccggaNacgucgugggaaacacg..... 1
 Gi1_4316056_x1.....acgucgugggaaacacggggCgccgaa..... 1
 Gi5_8852869_x1.....gaGgcgccgucaggccccgcc..... 1
 Gi2_11115589_x1.....aggccccccaUuacugcgauccgga..... 1
 Gi3_28303095_x1.....aCacgucgugggaaacacggggugcc..... 1
 Gl1a_6113190_x1.....Gguacugcgauccgagacgucgug..... 1

Gi2_11080214_x1.....caggccccgccaguacuAcgauccgga..... 1
Gi3_28940418_x1.....cggagacgucguAggaacac..... 1
Gi5_8887915_x1.....aguaUugcgauccggagacguc..... 1
Gi2_11316054_x1.....ucggagacgucgugggaacacgCggugc..... 1
Gi3_28335613_x1.....agaagcgccgucagggcAcgcca..... 1
Gi1_4336910_x1.....gagacgucgugggaacacggggugccgaCcu..... 1
Gi3_28651688_x1.....cccAccaguacugcgauccggagacguc..... 1
Gi4_590009_x1.....cgucagggccccgccCguacugc..... 1
Gi5_9092791_x1.....caggccccgccaguacugcUauc..... 1
Gi4_594092_x1.....cgucgugggaacacggggugccgaCcu..... 1
G1a_6111553_x1.....aucggagacgucgAgggaacac..... 1
G1a_6230459_x1.....ucgAagacgucgugggaacacggggugc..... 1
G1a_6147355_x1.....caggccccgccaguacugcgCu..... 1
Gi2_11360799_x1.....cgucagggccccgcAaguacugcg..... 1
Gi3_28873739_x1.....agaagcgccAucagggccccccagu..... 1
Gi5_9056288_x1.....aucggUgacgucgugggaacacggggugc..... 1
Gi1_4226635_x1.....gugggaacacggggGgccc..... 1
Gi4_584151_x1.....ucgugggaacacggggugcAgaacu..... 1
Gi2_11250310_x1.....ugggaacacggggguAccga..... 1
Gi1_4241418_x1.....aucggagacgucgugggaacacggAgu..... 1
G1a_6167409_x1.....cgucgugggaacacggggugccgaaA..... 1
Gi2_11206746_x1.....aguacugcgauccggagacA..... 1
G1a_6157138_x1.....aguacugcgauccggagacgucgC..... 1
Gi2_11310100_x1.....cggagacgucgugggaacacCggggucc..... 1
Gi1_4298224_x1.....gaacacggggugcccGac..... 1
Gi1_4175926_x1.....gggaacacggggugccgaCc..... 1
Gi5_8919882_x1.....cgucguggNaacacggggugccgaa..... 1
Gi5_9132000_x1.....ucgugggaacaGggggugccgaa..... 1
Gi3_28508314_x1.....agaagAgccgucagggccc..... 1
Gi2_11380523_x1.....gucagggcccUgcccaguacugcgau..... 1
Gi5_9016606_x1.....Gcugcgauccggagacguc..... 1
Gi3_28401086_x1.....cgucGggccccgccaguacug..... 1
Gi1_4245540_x1.....cgucgugggaacacggggugccgaaAu..... 1
Gi3_28863222_x1.....cgugggaacacggggugccgaaG..... 1
Gi5_8993936_x1.....gUcgucagggccccgccaguacu..... 1
Gi3_28867293_x1.....ggagCcgucgugggaacacggggugccc..... 1
Gi3_28853746_x1.....caUgccccgccaguacugcgauccggaga..... 1
G1a_6268538_x1.....ucgugggaGcacggggugccgaa..... 1
Gi1_4210373_x1.....gaaAacggggugccgaaacu..... 1
Gi2_11249185_x1.....aggccGgcccaguacugcgau..... 1
Gi3_28863975_x1.....agagaGgcgcccgucagggccccgc..... 1
Gi5_9007944_x1.....gaucggagacgucgCgggaacacggg..... 1
Gi5_9030484_x1.....acgucgugggaUcacggggugccgaaacu..... 1
Gi3_28834232_x1.....cgauccggagacgucAuggggaacacg..... 1
G1a_6221211_x1.....ucggagacgucguggGacacgg..... 1
Gi3_28599038_x1.....cccgccaguGcugcgauccggagacgu..... 1
Gi3_28638564_x1.....ucaNggccccgccaguacugcg..... 1

Gi3_28525340_x1.....ggagGcgucuggggaacacgg..... 1
 Gi2_11336354_x1.....gccgucaggccAcgccaguacugc..... 1
 Gi3_28779182_x1.....gccaCuacugcgauccggagacgu..... 1
 G1a_6198867_x1.....ugcgauccggagaGgucgugggaaacac..... 1
 G1a_6029711_x1.....ccaguacugcgauccggagacgCc..... 1
 Gi2_11049465_x1.....aggccccgccaguacuUcg..... 1
 Gi1_4163567_x1.....cguAgugggaaacacggggugcc..... 1
 Gi2_11248222_x1.....gucgugggaCcacggggugccgaac..... 1
 Gi3_28272125_x1.....aAuacugcgauccggagacg..... 1
 Gi3_28315238_x1.....cccgccaguacuAcgauccggagac..... 1
 Gi2_11019129_x1.....cgauccggUgacgucugggga..... 1
 Gi3_28354379_x1.....ucaggccUcgccaguacugcgauccgg..... 1
 Gi5_8884807_x1.....cgGcgugggaaacacggggugcc..... 1
 G1a_6273069_x1.....gucaggccccgccGguacugcga..... 1
 Gi2_11406627_x1.....acgucgugggaaacacgAggugccgaac..... 1
 Gi2_11159484_x1.....cgAcaguacugcgauccggagacguc..... 1
 G1a_6330344_x1.....aucggagacgucgugAgaacacggggg..... 1
 Gi3_28317102_x1.....agCacugcgauccggagacguc..... 1
 Gi2_11373876_x1.....aucggagacgAcgugggaaacacg..... 1
 Gi3_28635578_x1.....cccgccagCacugcgauccggag..... 1
 Gi2_11319496_x1.....aacacgggUugccgaacu..... 1
 Gi5_8972610_x1.....caggccccgccCguacugc..... 1
 Gi2_11219679_x1.....uGggagacgucgugggaaac..... 1
 Gi2_11159606_x1.....acgucgugggaUcacggggugc..... 1
 G1a_5991808_x1.....acgucgugggaGcacggggg..... 1
 Gi2_11060699_x1.....cgucgugAgaacacggggugc..... 1
 Gi3_28696299_x1.....cAucgugggaaacacgggg..... 1
 Gi1_4258938_x1.....ugggaaacacUgggugccgaacu..... 1
 Gi3_28565750_x1.....ugcgauccggagacgucgugggaaacacggggA..... 1
 G1a_6338016_x1.....ggaacacggggugccgaGc..... 1
 Gi5_8870866_x1.....uacugcgauccggagacAu..... 1
 Gi2_11101813_x1.....cgggagacgucgugggaaacCcggggug..... 1
 G1a_6131714_x1.....gGacacggggugccgaac..... 1
 Gi3_28410113_x1.....gugAgaacacggggugccgaacu..... 1
 Gi1_4178258_x1.....ugggaaUacggggugccgaacu..... 1
 Gi3_28857202_x1.....cgauccggagacgucgugggGacacg..... 1
 Gi5_9071099_x1.....gauccggagacgucgugggaaacaUgg..... 1
 Gi3_28869995_x1.....gccccgccaguacugcgauccggaAa..... 1
 Gi1_4185335_x1.....ccgucagAccccgccaguacug..... 1
 Gi3_28314827_x1.....cgucgugggaaacGcggggg..... 1
 Gi3_28318459_x1.....gauccggagacgucgugggUacac..... 1
 Gi2_11246066_x1.....Cccgucaggccccgccaguac..... 1
 Gi3_28333779_x1.....ucggagacgCcuggggaaacacgg..... 1
 Gi5_9014436_x1.....ucgugggaaacacggggugccgaCc..... 1
 Gi4_577101_x1.....uacugcgauccggagacguc..... 0
 Gi5_8864756_x1.....cgugggaaacacggggugccgaacu..... 0
 Gi2_11316126_x1.....gaaacacggggugccgaaGu..... 1

Gi3_28644883_x1.....agacgucgugggaacacggggCgccga..... 1
 Gi1_4263470_x1.....gggaGcacggggugccgaacu..... 1
 Gi3_28382763_x1.....gucgugggaacacggggUccgaa..... 1
 Gi1_4192652_x1.....ugggaacacggggugccgUac..... 1
 Gi2_11147788_x1.....ggccccgccaguacugcgUu..... 1
 Gi2_11031709_x1.....cgccaguacugcgauAggagacguc..... 1
 Gi3_28953307_x1.....cgucgugggaacacgAggugc..... 1
 Gi3_28645186_x1.....cgucgugggaacacgUggugccgaa..... 1
 Gi3_28965284_x1.....cgccaguCcuugcgaucggagacguc..... 1
 Gi3_28417224_x1.....cgucgugggaacacggggugGcgaacu..... 1
 Gi3_28772075_x1.....aagagaagcgcccgucagggccccgUc..... 1
 Gi2_10995035_x1.....acacggggugccgaacu..... 0
 Gi3_28656152_x1.....gaacacggggGgccgaacu..... 1
 Gi1_4217688_x1.....Uaggccccgccaguacugcgau..... 1
 Gi2_11169652_x1.....cgccgucaCgccccgccaguacu..... 1
 Gl1a_6121274_x1.....uGaggccccgccaguacugcgau..... 1
 Gi1_4166878_x1.....gacgggagacgucgugggaCcacgg..... 1
 Gl1a_6167444_x1.....caUgccccgccaguacug..... 1
 Gi3_28460633_x1.....cgucgugggaacacgAgugccgaa..... 1
 Gi3_28818279_x1.....acugcgauccggagacgucgAg..... 1
 Gi1_4258706_x1.....gucaggccccgccaguacugU..... 1
 Gi3_28264287_x1.....Cgagacgucgugggaacacggggugccg..... 1
 Gi2_11183891_x1.....ggccccgccaguacugcgauccggGgac..... 1
 Gi2_11384701_x1.....gcccguagggccccgccaguacugcgauccggagac..... 0
 Gi3_28384945_x1.....aucgggagacgucgugggaacacAgggugccg..... 1
 Gi1_4365871_x1.....agUagcgccgucagggccccgcca..... 1
 Gi3_28782108_x1.....ugCgaacacggggugccgaa..... 1
 Gi1_4387209_x1.....ugggaacacggggugUcga..... 1
 Gi3_28550362_x1.....gucaggccccgAcaguacug..... 1
 Gi3_28808150_x1.....Caucgggagacgucgugggaacacggggugccg..... 1
 Gi2_11311626_x1.....cgAcaguacugcgauccgg..... 1
 Gi3_28455380_x1.....ucaAgccccgccaguacugcgau..... 1
 Gi2_11068440_x1.....gaagcgccgucagggccccgccaguGcugc..... 1
 Gi2_11114124_x1.....aggccccCccaguacugc..... 1
 Gi5_9063834_x1.....aucgggagacgucUugggaacacgg..... 1
 Gi3_28820957_x1.....cggagaUgucgugggaacacggggug..... 1
 Gi3_28581455_x1.....cUgccaguacugcgauccggagacguc..... 1
 Gi2_11258456_x1.....gGgaucgggagacgucgugggaacacggggug..... 1
 Gi3_28636684_x1.....ccgccaguacugcgauccggagUc..... 1
 Gi3_28341371_x1.....ucggUgacgucgugggaacacg..... 1
 Gi3_28381297_x1.....cgucgAgggaacacggggugcc..... 1
 Gi3_28656948_x1.....cgccgucagggcccAgccag..... 1
 Gi3_28966068_x1.....cgauccggagacgucgugAgaacacggggugc..... 1
 Gi3_28291481_x1.....ugcgauccggagGcgucgugggaaca..... 1
 Gi2_11396983_x1.....aucgggagacgugugggaacac..... 1
 Gi2_11201509_x1.....ucaggccccgccaguacAgcgau..... 1
 Gi3_28645519_x1.....acgucgugggaacacgCggugccgaacu..... 1

Gi1_4367021_x1.....aucggCgacgucgugggaaacacgg..... 1
 Gl1a_6228420_x1.....ggccccgccaguacuUcg..... 1
 Gi2_11143844_x1.....gaucCgagacgucgugggaaacacgggg..... 1
 Gi5_8918645_x1.....ucaggccccgccaguacugcgauccg..... 0
 Gi2_11122015_x1.....ggccccgGcaguacugcgaucc..... 1
 Gi3_28946301_x1.....gucguAggaacacggggugc..... 1
 Gi3_28424949_x1.....acgucgugggaaacaUggggugccgaa..... 1
 Gi3_28332143_x1.....agcgccgucaAgccccgcc..... 1
 Gi2_11242448_x1.....cccUgccaguacugcgauccgagacg..... 1
 Gl1a_6330146_x1.....aguacCgagcugcgagac..... 1
 Gi1_4389983_x1.....uCGgaacacggggugccgaa..... 1
 Gi3_28724960_x1.....gacgucgugAgaacacggggugccg..... 1
 Gi2_11305029_x1.....ucggagacgucgugggaaUcacggggg..... 1
 Gi2_11154062_x1.....aucggagacgucgugggAaacacgggggug..... 1
 Gi2_11267997_x1.....ccgccaguacugcgauccgagacgucg..... 0
 Gi2_11341797_x1.....ccccgccaNuacugcgauccgga..... 1
 Gi3_28776780_x1.....gaacacggAgugccgaa..... 1
 Gi2_11377217_x1.....gacgucgugggaaacacggggugccAa..... 1
 Gi2_11119671_x1.....ucggagacNucgugggaaacac..... 1
 Gi3_28633665_x1.....cgucagggccccgccaguGcugcgaucc..... 1
 Gl1a_6342655_x1.....acguUgugggaaacacggggg..... 1
 Gi3_28744683_x1.....cccgccaguaAugcgaucc..... 1
 Gi2_11168234_x1.....Aucgugggaaacacggggugccga..... 1
 Gi1_4333661_x1.....ggagacgucgugggaaacacAggggugccgaa..... 1
 Gi3_28679339_x1.....cguuccgaaauaggaagagaagcgccgu..... 0
 Gi2_11111627_x1.....gucguggAaacacggggugccga..... 1
 Gi3_28942390_x1.....guUgugggaaacacggggugccg..... 1
 Gi4_568982_x1.....caguacugcgauccgagacg..... 0
 Gi4_611245_x1.....cgugggUaacacggggugccgaa..... 1
 Gi2_11255911_x1.....cccAccaguacugcgauccgag..... 1
 Gi3_28521723_x1.....ucaggccccgccaguCucg..... 1
 Gi3_28407618_x1.....ccccgccaguacCgagcugcgag..... 1
 Gi3_28546295_x1.....caggccccgccaguacugGgaucc..... 1
 Gi5_8970238_x1.....ccgccaguacugcgauccgagGcguc..... 1
 Gi2_11164118_x1.....auGggagacgucgugggaa..... 1
 Gi1_4226321_x1.....caUgccccgccaguacugcg..... 1
 Gi2_11082386_x1.....caguCucggaucggagacguc..... 1
 Gi3_28504009_x1.....gccgucagggccccgccagAacu..... 1
 Gi2_11222539_x1.....gccaguacugcgauccgagGcguc..... 1
 Gi2_11141085_x1.....ucgugggaaacacgggAugccg..... 1
 Gi3_28438461_x1.....ugcUaacggagacgucgugggaa..... 1
 Gi3_28455574_x1.....acguGugggaaacacggggugccgaa..... 1
 Gi2_11335249_x1.....Nucggagacgucgugggaaacacggggugc..... 1
 Gi2_11266089_x1.....cCccaguacugcgauccgagac..... 1
 Gl1a_6262195_x1.....ggaacacggggugccgCac..... 1
 Gi1_4181116_x1.....gcgaucggGgacgucgugggaaaca..... 1
 Gi3_28393995_x1.....ucggagacgucgugggAaacacggggugccgaa..... 1

Gi3_28667074_x1.cUuaacucguuccgaau..... 1
Gi4_584966_x1.....gugggaacacggggugccgaGc..... 1
Gi2_11155366_x1.....ccgucagggcccAccaguacugcg..... 1
Gi5_9029594_x1.....cgucAugggaaacacggggugccga..... 1
Gi2_11377701_x1.....Cagacgucgugggaacacggg..... 1
G1a_6185367_x1.....aucggagacgucgugggaacacU..... 1
Gi3_28938654_x1.....gacAucgugggaacacggg..... 1
G1a_6184026_x1.....acAgcgaucggagacguc..... 1
Gi3_28306897_x1.....gaucggagGcgucgugggaac..... 1
Gi3_28809753_x1.....agaagcgccgucagggcccGgcc..... 1
G1i_4316016_x1.....aggccccccagucugcgGuc..... 1
Gi3_28380483_x1.....aggccccccagucugcUaucgga..... 1
Gi5_8992761_x1.....cgucgugggaacacggggugcGgaacu..... 1
Gi3_28569934_x1.....ccgccagucugcgaucggagacA..... 1
Gi2_11116620_x1.....cucguuccgaCuuaggaagagaagcg..... 1
Gi3_28542922_x1.....cgccagucugcgGucggagac..... 1
Gi3_28960542_x1.....ucggagacgucgugggaacGcggggu..... 1
Gi5_8844848_x1.....ugggaacacggggAgccgaa..... 1
G1i_4220646_x1.....cgucguUggaacacggggugccgaacu..... 1
Gi2_11017755_x1.....aucggagacgucgugggaaAac..... 1
Gi2_11192229_x1.....cgccagucugUgaucgg..... 1
G1a_6126304_x1.....Gauuaggaagagaagcgccguc..... 1
G1i_4321838_x1.....cggagacgucguggAaacacggggugcc..... 1
Gi2_11170283_x1.....aucggagaUgucgugggaacacgggg..... 1
Gi2_11370022_x1.....agagaagcgccgucagggcccUc..... 1
Gi3_28629008_x1.....cccgccCguacugcgaucgg..... 1
G1a_6148186_x1.....cggagacgucgugggaacacggggG..... 1
G1i_4240272_x1.....cgucgugggaacacgggCugccgaacu..... 1
Gi3_28472869_x1.....ucggaAacgucgugggaaca..... 1
Gi3_28266684_x1.....gacgucguggAaacacggggugccgaacu..... 1
Gi2_11293426_x1.....cgccagucugcgaucgg..... 1
Gi5_8858131_x1.....Cagaagcgccgucagggcccggcagucg..... 1
Gi3_28787067_x1.....aagagaagcgccgucagggcccUgcc..... 1
Gi2_11152820_x1.....ggccccccagucCugcgau..... 1
Gi3_28295726_x1.....uggCaacacggggugccga..... 1
Gi5_8840151_x1.....ccgccagucugcgauUggagacgu..... 1
Gi5_8888109_x1.....ccagucugcgauUggagacgu..... 1
Gi3_28444518_x1.....ggagacgucgugggaacacggggugccgaaGu..... 1
G1i_4190560_x1.....gagaagcgccgucagggcccggcagucgU..... 1
Gi2_11131164_x1.....ggagacgucgugggaaAac..... 1
Gi3_28502309_x1.....ucggCgacgucgugggaacacggggugcc..... 1
Gi3_28594618_x1.....cgucgugggaacacgggCugccgaacu..... 1
Gi2_10999166_x1.....ccgucagggcccggcagucCugcgau..... 1
G1i_4237373_x1.....ucgugggaacaAggggugccgaacu..... 1
Gi2_11286042_x1.....gugggaacacCgggugccga..... 1
G1i_4235669_x1.....cAgagacgucgugggaacacggggugc..... 1
G1a_5987187_x1.....aucggagacgucgugggaacacAggggug..... 1

Gi1_4257841_x1.....ucgugAgaacacggggugccgaac..... 1
G1a_6329013_x1.....gacgucgCgggaacacggggu..... 1
Gi5_8893596_x1.....gugggaaUacggggugccga..... 1
Gi2_11141086_x1.....gCagacgucgugggaacacggggugc..... 1
Gi2_11327313_x1.....aucggagacgucguggUaacacggggugc..... 1
Gi4_603506_x1.....agacgucgugggaacacggggGgcc..... 1
Gi3_28461784_x1.....aagagaagcgccgucagggccccgccaguG..... 1
Gi3_28648270_x1.....gggaacacgCggugccgaacu..... 1
Gi3_28649949_x1.....cgucgugggaaUacggggugccga..... 1
Gi2_11197282_x1.....cgucGggccccgccaguac..... 1
Gi2_11394419_x1.....gggCacacggggugccgaac..... 1
Gi2_11039361_x1.....cgccaguacAgcgauccgagacguc..... 1
Gi2_11290484_x1.....gucgugggaaacacggAgugc..... 1
Gi1_4245622_x1.....gUgaacacggggugccga..... 1
Gi1_4261111_x1.....acgucgugggaGcacggggugccga..... 1
Gi5_9043674_x1.....ccAgccaguacugcgauccgagacgucgug..... 1
Gi3_28719019_x1.....gcgaCcgagacgucgugggaacacgg..... 1
Gi3_28972167_x1.....ccaguacugcgauccgagacgucgC..... 1
Gi3_28345978_x1.....gccgucagggccccgccUguac..... 1
Gi3_28363607_x1.....gucagggccccgccUguacugcgauccg..... 1
Gi2_11050219_x1.....acgucguCggaacacggggu..... 1
Gi3_28315264_x1.....ccccgccaguacuAcgauccgagacgu..... 1
Gi2_11394382_x1.....guacugcgauccgagacgGcgugggaaaca..... 1
Gi2_11127173_x1.....cgugggaaacaAggggugccg..... 1
Gi3_28820329_x1.....gacgucgugggaaacCcg..... 1
Gi2_11022982_x1.....gagaGcgccgucagggccccgc..... 1
Gi3_28733340_x1.....acugcgauccggagaUguc..... 1
Gi2_11397562_x1.....aaUagaagcgccgucagggcc..... 1
Gi2_11102292_x1.....gcgauccgagacgucguAggaacacgg..... 1
Gi3_28605245_x1.....gaucggagacgucgugggaaacaGg..... 1
G1a_6256116_x1.....cAccaguacugcgauccgagacguc..... 1
Gi3_28604711_x1.....cagCacugcgauccgagacguc..... 1
Gi2_11355660_x1.....gccgucagggccccgccaguacAgcg..... 1
Gi3_28964734_x1.....Uggccccgccaguacugcgauccgagacg..... 1
Gi1_4256393_x1.....ggGgacgucgugggaaacacggggu..... 1
Gi3_28848243_x1.....cgggagacgucgugggaaCcacg..... 1
Gi2_11068630_x1.....gaagagaagcgGcgucagggcccc..... 1
Gi2_11249887_x1.....cgucagggccccgccaguacugcgaCc..... 1
Gi2_11316809_x1.....gaagagaagcgccgCcagggcccc..... 1
Gi3_28467932_x1.....gaagagaaNcgccgucagggccccg..... 1
Gi3_28979580_x1.....cgucagggccccgccaguacGgc..... 1
Gi2_11182990_x1.....cccgccaguacAgcgaucc..... 1
Gi3_28937594_x1.....ugcgauccgagacgucAuggga..... 1
Gi2_11359905_x1.....ggcUccgccaguacugcgau..... 1
Gi5_9111071_x1.....gaUacgucgugggaaacacggggugccgaacu..... 1
Gi3_28683621_x1.....gaucggagUcgucgugggaaacac..... 1
Gi2_11214558_x1.....cgucgugggaaCcacggggugccgaac..... 1

Gi5_8867208_x1	.....cgAagacgucgugggaaacacg	1
G1a_5988080_x1	.....aucggagacgucguCggaacacggggug	1
Gi1_4300241_x1	.....acgucgugggaaacacgggAugccgaa	1
Gi3_28369498_x1	.....agacgucgugggaaacacgAg	1
Gi3_28982202_x1	.....cccgAcaguacugcgauccggagac	1
Gi2_11200488_x1	.....ucggagacguUgugggaaacacggggugc	1
Gi2_11401782_x1	.....gagaagcgUcgucagggccccgag	1
Gi2_11349603_x1	.....agaNgcgccgucagggcccc	1
Gi2_11284500_x1	.....ggccGcgccaguacugcgauccggagacgu	1
Gi1_4301257_x1	.....ugggaacacggggUAccgaa	1
Gi5_8838603_x1	.....ggccccGAcaguacugcgau	1
Gi2_11238672_x1	.....cgucaCgccccgccaguacugc	1
Gi3_28320715_x1	.....cgGucggagacgucgugggaaacacg	1
Gi3_28713599_x1	.....cgccgucagggccccgagCac	1
Gi3_28499175_x1	.....gccUucagggccccgagacu	1
Gi3_28668670_x1	.....ccccUccaguacugcgauccggagac	1
Gi3_28733790_x1	.....ccgccaguacugcgauAggagacguc	1
Gi3_28547828_x1	.....cgucgugggaaacacggggC	1
Gi1_4338546_x1	.....cgucgugUgaacacggggugccgaacu	1
Gi4_578916_x1	.....gugggaaacCcggggugccgaac	1
Gi1_4209292_x1	.....acguAgugggaaacacggggugccgaacu	1
Gi1_4216940_x1	.....ucguAggaacacggggugccgaac	1
Gi3_28329099_x1	.....ggAcccgccaguacugcg	1
Gi5_9136118_x1	.....Cagacgucgugggaaacacggggugccgaac	1
Gi3_28914084_x1	.....gccccgccaguacugcgauccggagacAu	1
Gi2_11046805_x1	.....cggagacgCcgugggaaacacggggug	1
Gi2_11226552_x1	.....aUgagaagcgccgucagggc	1
Gi2_11331674_x1	.....cccgGcaguacugcgauccggaga	1
Gi3_28264823_x1	.....gagaagcgccgucagggccccG	1
Gi5_8903780_x1	.....cgucguggNaacacggggugcc	1
Gi5_9119926_x1	.....acUucgugggaaacacggggugcc	1
Gi3_28589088_x1	.....ucgugggaaacacggggugUcga	1
G1a_6014969_x1	.....ccccgccaguacugcgauccggagCcguc	1
Gi5_8854932_x1	.....ucgugggaaacacggggugc	0
Gi2_11132623_x1	.....cgccUguacugcgauccggagacg	1
G1a_6114215_x1	.....aucggagacguAgugggaaacacggggug	1
Gi3_28276702_x1	.....cggagacgucgugggaaacacgAg	1
Gi1_4346792_x1	.....Gagggccccgagucgucgagagacg	1
G1a_6228394_x1	.....caguacuAcgaucggagacgucg	1
Gi5_8879537_x1	.....cgccaguGcugcgauccggagacguc	1
Gi1_4351838_x1	.....gUgacgucgugggaaacacggggugccgaacu	1
Gi3_28650338_x1	.....ugcgaucgNagacgucgugggaaacacggggugcc	1
Gi2_11389840_x1	.....ugggaacacggggugcAg	1
Gi4_611240_x1	.....cgucguggNaacacggggugccgaacu	1
Gi3_28268539_x1	.....Acgugggaaacacggggugccga	1
Gi3_28264246_x1	.....caguacugcgauccggGgacguc	1
Gi5_8901598_x1	.....gagacgucgugggaaacacAgggugcc	1

Gi5_8976973_x1.....cgaauuaCgaagagaagcgccgucagg..... 1
 Gi3_28405733_x1.....guGcugcgauccgagacgucgug..... 1
 Gi4_609266_x1.....ugggaacacgggguAccgaacu..... 1
 Gi3_28853823_x1.....ucaggccccccagucacugcgauccAg..... 1
 Gi3_28345044_x1.....cgauccggagacgucguggUaacacggggu..... 1
 Gi2_11242292_x1.....cUccgccagucacugcgauccggagac..... 1
 Gi3_28797829_x1.....aggccUcgccagucacugcgaucc..... 1
 Gi2_11351511_x1.....aagcgUcgucaggccccccagucac..... 1
 Gi2_11095334_x1.....Cgggaacacggggugccgaacuu..... 1
 Gi4_582176_x1.....gugggaacacggggGgccgaa..... 1
 Gi3_28557520_x1.....ucaggccccCccagucacugc..... 1
 Gi3_28469629_x1.....aagagaagcgccAucaggccccccagucac..... 1
 Gi3_28938890_x1.....ccgccGguacugcgauccggagacgucgu..... 1
 Gi1_4245848_x1.....ccgucaggccccccagucacCg..... 1
 Gi1_4198510_x1.....aucggagacgucgGgggaacacg..... 1
 Gi2_11161007_x1.....cccgccagucacugcgauUgg..... 1
 Gi2_11085832_x1.....ucgugggaacacggggCgc..... 1
 Gi3_28922110_x1.....cagucacugcgauccggCgacguc..... 1
 Gi3_28620264_x1.....aguacugcgGucggagacgucg..... 1
 Gi3_28590888_x1.....ccccgccGguacugcgauccggagac..... 1
 Gi3_28411199_x1.....acugcgauccAgagacguc..... 1
 Gi3_28292583_x1.....aggccccccagucacCcgauccggaga..... 1
 Gi2_11299570_x1.....ggUgacgucgugggaacac..... 1
 Gi5_9026751_x1.....cggagacgNcgugggaacacg..... 1
 Gi2_11369715_x1.....aucggagacgucgugCga..... 1
 Gi1_4306063_x1.....acgucgugggaGcacgggugccgaacuu..... 1
 Gi3_28573738_x1.....agacgucgugggaCcacgggugccgaac..... 1
 Gl1_6027502_x1.....cgCcaggccccccagucac..... 1
 Gi2_11303052_x1.....cgauccggagacgucgugggGaca..... 1
 Gl1_6276652_x1.....Cugggaacacggggugccga..... 1
 Gi5_9016870_x1.....caggccccgccaAuacugcg..... 1
 Gi3_28286901_x1.....gggaacacggggugcGgaa..... 1
 Gi4_600100_x1.....acgucgugggaacacggggugccgCacu..... 1
 Gi2_11136468_x1.....gccgucaggccccCccagucacugcg..... 1
 Gi5_9107007_x1.....ucguUggaacacggggugccgaac..... 1
 Gi3_28414397_x1.....agaagcgcgUgucaggccccccagucac..... 1
 Gi3_28344892_x1.....aggcccAgccagucacugcgaucc..... 1
 Gi1_4198491_x1.....ugggGacacggggugccgaa..... 1
 Gi3_28807723_x1.....gugggaacacgggUgcccga..... 1
 Gi4_609918_x1.....aguacugcgauccggagacgucgug..... 0
 Gi2_11254543_x1.....ccgAcaggccccccagucacugcg..... 1
 Gl1_6146804_x1.....guacugcgUucggagacgucg..... 1
 Gi3_28630809_x1.....ccccccagucacuUcgauccggagacg..... 1
 Gl1_6187046_x1.....gccagucacAgcgaucgga..... 1
 Gl1_6127592_x1.....Ccgauccggagacgucgug..... 1
 Gi5_8900393_x1.....aacacggggugccgaacuuC..... 1
 Gi1_4324786_x1.....gugggaacacgUgugccg..... 1

Gi5_9048218_x1.....Ngaacacggggugccgaacu..... 1
Gi5_9025447_x1.....gCgcugcuggggaacacggggugccgaacu..... 1
Gi3_28322993_x1.....cgauccggagacgucgugggaaacacAg..... 1
Gi3_28491232_x1.....cgucaggccccgccaguacC..... 1
Gi5_9047431_x1.....Agucgugggaaacacggggugccgaac..... 1
Gi3_28269844_x1.....ucaggccccgccaguacugcgaCcgga..... 1
Gi5_8995266_x1.....caguacCgcgaucggagacgucgug..... 1
Gi1_4223275_x1.....gacgucAugggaaacacggggugccgaacu..... 1
Gi2_11240191_x1.....aucggagacgucguCggaacacggggugc..... 1
Gi2_11367779_x1.....aucggagacgucguggCaacacg..... 1
Gi3_28797203_x1.....cggagacgucguggCaacacggggugcc..... 1
G1a_6117215_x1.....ccaguacugcgaucggCgacguc..... 1
Gi2_11351434_x1.....Nugggaaacacggggugcc..... 1
Gi3_28704965_x1.....acgNcgugggaacacggggugccga..... 1
Gi3_28292164_x1.....caggccccgccGguacugcgaucgga..... 1
Gi2_11114016_x1.....aucggagacgucguUggaacacgggggu..... 1
Gi2_11049112_x1.....gaucggagacgucguggaaacacggggugccA..... 1
Gi2_11065411_x1.....agaUgucgugggaacacggggugccgaacu..... 1
Gi4_600129_x1.....guacugcgaucAgagacgucgugg..... 1
Gi5_8913835_x1.....agacgucgugggaacaUggggugccgaac..... 1
G1a_6202176_x1.....cccccaAuacugcgaucggaga..... 1
Gi3_28691979_x1.....gagCgucgugggaacacggggugccga..... 1
Gi2_11277342_x1.....ggccccgccagCacugcga..... 1
Gi5_8931396_x1.....cGguacugcgaucggagacgucguggga..... 1
Gi3_28806918_x1.....cagUccccgccaguacugcg..... 1
Gi3_28486760_x1.ccuuaacuNguuccgaau..... 1
Gi3_28890083_x1.....ucaggccccgccUguacugcga..... 1
Gi3_28647994_x1.....agacgucgugggaCcacggggugccgaacu..... 1
Gi3_28496355_x1.....cgucgugAgaacacgggg..... 1
Gi1_4255711_x1.....gucgugggaacacgUggugccgaacu..... 1
Gi2_11011422_x1.....ggagacgAcgugggaacacggggugcc..... 1
Gi3_28571108_x1.....ccaguacugcgaucggagacAucgug..... 1
Gi5_8846968_x1.....gugggaaAacggggugccg..... 1
Gi3_28632956_x1.....gccaguacAgcgaucggagacg..... 1
Gi2_11025103_x1.....aggccccccaAuacugcg..... 1
Gi2_11302310_x1.....cggagacguGugggaaacacggggugcc..... 1
Gi3_28363264_x1.....aggccccgccaguacuCc..... 1
Gi3_28963555_x1.....agacgucgugggaCcacggg..... 1
Gi2_11258033_x1.....Ucugcgaucggagacgucgu..... 1
Gi2_11227824_x1.....Uucggagacgucgugggaacacgg..... 1
Gi3_28349413_x1.....cggagacgCcgugggaacacg..... 1
Gi5_8890091_x1.....Cagacgucgugggaacacggggugccgaacu..... 1
Gi1_4273490_x1.....gucgugggaaacGcggggugcc..... 1
Gi3_28557332_x1.....ggagacgucgugggaaUacggg..... 1
Gi2_11221858_x1.....Gggagacgucgugggaaacacggggugccgaac..... 1
Gi2_11121342_x1.....gaucggagacgucgAgggaaacacg..... 1
Gi2_11140883_x1.....agagaagcgccgucagAccccgcc..... 1

Gi1_4365164_x1.....ucggagacgucgugggaaGacggg..... 1
Gi2_11088235_x1.....cgugggaacacggAgugccg..... 1
Gi2_11144232_x1.....gagacgucgCgggaacacggggugc..... 1
Gi2_11112701_x1.....cCccgucagggccccgccauguacugc..... 1
Gi3_28674437_x1.....caggccccUccaguacugc..... 1
Gi2_11053181_x1.....gucCggccccgccauguacug..... 1
Gi3_28474324_x1.....cgucagggcccUgccaguacugcg..... 1
G1a_6260717_x1.....cgugggaaAacggggugcc..... 1
Gi2_11076721_x1.....gacgucAugggaaacacggggugcc..... 1
Gi3_28929746_x1.....gggaGcacggggugccgaacu..... 1
Gi3_28861500_x1.....agagaagcgccgucagggcccAccaguacu..... 1
Gi2_11194918_x1.....ggNaacacggggugccgaacu..... 1
Gi2_11153825_x1.....gaagagaagcgccgCcaggccccgcc..... 1
Gi2_11020399_x1.....cgaucggUgacgucgugggaaacac..... 1
Gi5_9116610_x1.....gugggaacacgggCugccgaac..... 1
Gi1_4201065_x1.....ucgugggaacaUggggugccg..... 1
Gi5_8900244_x1.....aCcgagacgucgugggaaacacggggg..... 1
Gi2_11386545_x1.....gUgaucggagacgucgugggaaaca..... 1
Gi3_28879032_x1.....ggagacguNgugggaaacacggggugccga..... 1
Gi2_11072299_x1.....gaucggagacgucgugggaaacaUggggg..... 1
Gi3_28906657_x1.....gucagggccccgccauguUcugc..... 1
Gi3_28305973_x1.....gUcaguacugcgaucggagacg..... 1
G1a_6230300_x1.....cgucUggccccgccauguacugcg..... 1
G1a_6273897_x1.....cguAggaacacggggugc..... 1
Gi1_4296446_x1.....aggccccgccauguacuAcgaucgg..... 1
Gi2_11034061_x1.....aucggagacgucgugggaaGacg..... 1
Gi3_28326445_x1.....gcgaucggagacgucgugggGac..... 1
Gi2_11321855_x1.....acgCcgugggaaacacggggg..... 1
Gi2_11064679_x1.....agaagcgccgucagggccccgUc..... 1
Gi2_11248175_x1.....Ggccgucagggccccgccauguacugcg..... 1
Gi3_28279255_x1.....gcgaucggagacgucgugggaaacacggggCg..... 1
Gi3_28514095_x1.....ccgucagggccccUccaguacugc..... 1
Gi5_9013356_x1.....gugggaaacacggggugcUgaa..... 1
G1a_6092528_x1.....gacgucgugggaaacacgggAugccgaacu..... 1
Gi3_28366014_x1.....agacgucgugggaaacacUgggugccgaa..... 1
Gi3_28739903_x1.....ucagggccccCccaguacugcgaucgg..... 1
Gi2_11092741_x1.....caguacugcgaucggagacAuc..... 1
Gi2_11160241_x1.....aggcAccgccauguacugcgaucg..... 1
Gi3_28880290_x1.....ggccccgccauguacugcgCucg..... 1
Gi2_11215749_x1.....caggccccgccauguacGcgau..... 1
Gi2_11038033_x1.....cgccauguacugcgaucggagUc..... 1
Gi3_28914168_x1.....gagacgucNugggaaacacggggugccgaac..... 1
Gi2_11113615_x1.....gccgucagggcAccgccauguacugcg..... 1
Gi2_11103474_x1.....agacgucgugCgaacacggggugccgaacu..... 1
Gi3_28984984_x1.....aucggagacgucgugggGacacggggugccga..... 1
Gi2_11174564_x1.....cgugggCacacggggugccg..... 1
Gi2_11209156_x1.....ucggagacgucgucCggaacacggggugcc..... 1

Gi3_28774930_x1.....gCcaggccccccagacuugcgauc..... 1
 Gi1_4264787_x1.....uggCaacacggggugccgaacu..... 1
 G1a_6354139_x1.....gaucggagacgucgCgggaacacg..... 1
 Gi2_11185418_x1.....aucggagacgucUugggaacacggggu..... 1
 Gi4_605181_x1.....Gaggccccccagacuugcgauc..... 1
 Gi3_28790213_x1.....Cgaagcgccgucagggccccccagacu..... 1
 Gi3_28960629_x1.....gaagagaagcgcUgucagggccccccag..... 1
 Gi1_4332119_x1.....gccAucaggccccccagacu..... 1
 G1a_6305977_x1.....caguacugcgaucggagUcgc..... 1
 Gi2_11131368_x1.....agacgucguggaacGcggggu..... 1
 Gi2_11140579_x1.....gccccccagacuCgcgaucgg..... 1
 Gi3_28714803_x1.....ugggaUcacggggugccga..... 1
 Gi2_11296973_x1.....cgucguggAaacacggggugccg..... 1
 G1a_6290335_x1.....gUccccccagacuugcgaucggagacguc..... 1
 Gi2_11078926_x1.....ccgucagggccccccagacuGgcg..... 1
 G1a_6091108_x1.....aauuaggaagagaaAcgcccuc..... 1
 Gi5_8935405_x1.....gugggaacacgggguAccgaacuu..... 1
 Gi3_28295515_x1.....aggccccccagucgucggaucg..... 1
 Gi3_28626029_x1.....agagaagcgcgucagggAccg..... 1
 Gi3_28486472_x1.....aagagaagcgcgucCggcccc..... 1
 Gi2_11369767_x1.....gaucggagacgucgugggaCcacgg..... 1
 Gi2_11404821_x1.....cgccgucagggccccccagucC..... 1
 Gi5_9080797_x1.....cgucgugggaacacAgggugccgaac..... 1
 Gi2_11077807_x1.....Nucggagacgucgugggaacacggggugcc..... 1
 Gi2_11104901_x1.....gggaacacggggugccgUac..... 1
 Gi3_28880296_x1.....ucggagacgucgugggGaca..... 1
 Gi5_9002749_x1.....agacgCcgugggaacacggggugcc..... 1
 Gi2_11154505_x1.....ucggagacgucgugggaacacggggGgc..... 1
 Gi2_11160974_x1.....gagaagcgcgucagggUcccggcag..... 1
 Gi1_4216619_x1.....aucggaAacgucgugggaacacg..... 1
 Gi5_9128617_x1.....aggcccUgccagacuugcga..... 1
 Gi2_11270877_x1.....acucguuccgaauuaggaagagagcgcguc..... 0
 Gi3_28335936_x1.....cgucgAgggaacacggggugccga..... 1
 G1a_6168312_x1.....aucggUgacgucgugggaacacggg..... 1
 Gi2_11105247_x1.....aagagaagcgcgucagggccccUcag..... 1
 Gi3_28986956_x1.....gccgucagggccccccCguacug..... 1
 G1a_6050312_x1.....gggaacacggggGgccgaac..... 1
 Gi3_28677629_x1.....ccccccagacuugcgaucAgaga..... 1
 Gi2_11067397_x1.....gagaagcgcgucagggccccUcag..... 1
 Gi2_11107025_x1.....acucggaucggagacgucgugggaUcac..... 1
 Gi5_9134038_x1.....aucggagacgucgugggaUacggggu..... 1
 Gi3_28419657_x1.....gagacgucgCgggaacacggggugcc..... 1
 Gi2_11161771_x1.....gaagagaGgcgcccagucagggcccc..... 1
 Gi2_11070050_x1.....agUccccccagacuugcgaucggagac..... 1
 Gi3_28638901_x1.....cggagacgucgugggaacCggggugccgaacu..... 1
 Gi2_11297692_x1.....gucgugggaAaacggggugccg..... 1
 Gi2_11365374_x1.....agacguAgugggaacacggggugcc..... 1

Gi3_9849648_x39171.....ggaacacggggugccgaacu.....
0
Gi3_10365099_x35048.....Uuggaacacggggugccgaacu.....
1
Gi3_10400147_x35013.....ggaacacggggugccgaacu.....
0
Gi3_10560548_x30012.....ggaacacggggugccgaac.....
0
Gi5_2903321_x29271.....aacacggggugccgaacu.....
0
Gi3_10969964_x24063.....guggaacacggggugccgaacA.....
1
Gi5_3059569_x22896.....uggaacacggggugccgaacu.....
0
Gi3_11248361_x22013.....cguggaacacggggugccgaac.....
0
Gi3_11270374_x21828.....guggaacacggggugcc.....
0
Gi2_2498029_x20890.....guggaacacggggugccgaac.....
0
Gi3_11398260_x20135.....uggaacacggggugccgaac.....
0
Gi2_2518919_x20131.....ggaacacggggugccgaacu.....
0
Gi5_3172288_x20011.....gaacacggggugccgaacu.....
0
Gi3_11700602_x17928.....gggaacacggggugccgaac.....
0
Gi2_2576448_x17286.....Uuggaacacggggugccgaacu.....
1
Gi3_11804884_x16850.....ucguggaacacggggugccgaacu.....
0
Gi2_2593734_x16668.....uggaacacggggugccgaacu.....
0
Gi2_2643387_x16224.....gggaacacggggugccgaacu.....
0
Gi3_11984592_x15862.....guggaacacggggugccga.....
0
Gi3_12000454_x15855.....Uaacacggggugccgaacu.....
1
Gi3_12273191_x14392.....gGggaacacggggugccgaacu.....
1
Gi3_12316259_x14259.....cguggaacacggggugccgaacA.....
1
Gi2_2816430_x13238.....aacacggggugccgaacu.....
0

Gi1_1545627_x13127.....gugggaacacggggugccgaacu.....
0
Gi1_1571667_x12719.....aacacggggugccgaacu.....
0
Gi3_12559239_x12622.....cUugggaacacggggugccgaacu.....
1
Gi2_2906896_x12602.....gugggaacacggggugcc.....
0
Gi2_2931772_x12203.....gaacacggggugccgaacu.....
0
Gi3_12707463_x11795.....gucgugggaacacggggugccgaacu.....
0
G1a_2764528_x11766.....gugggaacacggggugccgaacu.....
0
Gi5_3567497_x11394.....ggaacacggggugccgaacu.....
0
Gi5_3578891_x11040.....ucgugggaacacggggugccgaacu.....
0
Gi1_1629613_x10992.....gaacacggggugccgaacu.....
0
Gi5_3622560_x10645.....gggaacacggggugccgaacu.....
0
Gi3_13008745_x10559.....gugggaacacggggugccgaa.....
0
Gi2_3131603_x9318.....ggaacacggggugccgaac.....
0
Gi2_3204185_x8821.....ucgugggaacacggggugccgaacu.....
0
Gi5_3754824_x8567.....Uugggaacacggggugccgaacu.....
1
Gi3_13368980_x8549.....gugggaacacggggugccg.....
0
Gi3_13385977_x8446.....cgucgugggaacacggggugccgaacu.....
0
Gi3_13419752_x8420.....Uugggaacacggggugccgaac.....
1
Gi1_1717006_x8199.....cgugggaacacggggugccgaacu.....
0
Gi3_13598074_x7829.....aucgggagacgucgugggaacacggg.....
0
Gi3_13690359_x7531.....aucgggagacgucgugggaacacg.....
0
Gi2_3397579_x7478.....cgugggaacacggggugccgaac.....
0
Gi1_1772599_x7300.....ucgugggaacacggggugccgaacu.....
0

Gi1_1779899_x7252.....ugggaacacggggugccgaacu.....
0
Gi2_3462884_x7005.....gGgggaacacggggugccgaacu.....
1
Gi3_13952821_x6649.....aucggagacgucgugggaaacacggggg.....
0
Gi3_13966109_x6626.....ugggaacacggggugccgaacA.....
1
Gi3_14044647_x6441.....ggaacacggggugccgaacA.....
1
Gi3_14120580_x6174.....acgucgugggaaacacggggugccgaacu.....
0
Gi3_14163414_x6077.....ucgugggaaacacggggugccgaac.....
0
Gi2_3600679_x5869.....gugggaacacggggugccgaacA.....
1
Gi3_14325748_x5585.....ugggaacacggggugccgaa.....
0
Gi2_3662960_x5473.....gucgugggaaacacggggugccgaacu.....
0
Gi2_3711694_x5322.....cUugggaacacggggugccgaacu.....
1
Gi2_3743210_x5193.....gugggaacacggggugccg.....
0
Gi3_14503814_x5146.....ugggaacacggggugccga.....
0
Gi3_14514096_x5110.....Uggaacacggggugccgaacu.....
1
Gi5_4030023_x4816.....gugggaacacggggugccgaac.....
0
Gi5_4039646_x4802.....cgucgugggaaacacggggugccgaacu.....
0
Gi1_1936852_x4772.....gggaacacggggugccgaacu.....
0
Gi1_1955690_x4631.....ggaacacggggugccgaacu.....
0
Gi3_14826722_x4528.....uUggaacacggggugccgaacu.....
1
Gi3_14898149_x4389.....Ugaacacggggugccgaacu.....
1
Gi3_14919984_x4333.....gucgugggaaacacggggugccgaac.....
0
Gi3_14950267_x4314.....cgugggaaacacggggugcc.....
0
Gi3_14963195_x4302.....gaacacggggugccgaac.....
0

Gi3_14997439_x4255.....gggaacacggggugccgaacA.....
1
Gi2_3938664_x4179.....gggaacacggggugccgaac.....
0
Gi2_3951163_x4151.....gugggaacacggggugccga.....
0
Gi3_15097440_x4078.....gaacacggggugccgaacA.....
1
Gi5_4169765_x3965.....cUugggaacacggggugccgaacu.....
1
Gi3_15209990_x3947.....cgugggaacacggggugccga.....
0
Gi3_15276456_x3855.....cgucgugggaacacggggugcc.....
0
Gi3_15375097_x3741.....Ugaacacggggugccgaac.....
1
Gi5_4272399_x3626.....gucgugggaacacggggugccgaacu.....
0
Gi3_15478073_x3592.....gGgggaacacggggugccgaac.....
1
Gi2_4108274_x3511.....cgucgugggaacacggggugccgaacu.....
0
Gi5_4338890_x3373.....gGgggaacacggggugccgaacu.....
1
Gi2_4182182_x3220.....cgugggaacacggggugcc.....
0
Gi3_15764003_x3192.....gUgaacacggggugccgaacu.....
1
Gi2_4211031_x3168.....aucgggagacgucgugggaacacggggu.....
0
Gi2_4214199_x3154.....cgugggaacacggggugccgaacA.....
1
G1a_3091306_x3090.....ggaacacggggugccgaacu.....
0
Gi3_15861109_x3071.....aucgggagacgucgugggaacacgg.....
0
Gi3_15921905_x3019.....Ggugggaacacggggugccgaacu.....
1
Gi2_4269696_x3008.....ugggaacacggggugccgaac.....
0
Gi5_4412639_x2992.....acgucgugggaacacggggugccgaacu.....
0
Gi2_4296153_x2901.....aucgggagacgucgugggaacacggggugc.....
0
G1a_3120858_x2850.....cgugggaacacggggugccgaacu.....
0

Gi3_16082396_x2840.....cguggaacacggggugc.....
0
Gi3_16096567_x2821.....gUaacacggggugccgaacu.....
1
Gi2_4327464_x2792.....Uuggaacacggggugccgaac.....
1
Gi3_16248655_x2719.....Cuggaacacggggugccgaacu.....
1
Gi3_16289142_x2676.....aucggagacgucguggaacacgggg.....
0
Gi5_4504505_x2664.....Uaacacggggugccgaacu.....
1
G1a_3154096_x2645.....uggaacacggggugccgaacu.....
0
Gi3_16341999_x2618.....Uuggaacacggggugcc.....
1
Gi2_4431581_x2539.....aucggagacgucguggaacac.....
0
Gi3_16461911_x2499.....aacacggggugccgaacA.....
1
Gi3_16466907_x2486.....cguggaacacggggugccgaa.....
0
Gi2_4459306_x2481.....Ugaacacggggugccgaacu.....
1
Gi2_4466727_x2466.....ucguggaacacggggugccgaac.....
0
Gi3_16499062_x2460.....gggaacacggggugccgaa.....
0
Gi3_16518676_x2441.....cgucguggaacacggggugccgaac.....
0
Gi3_16545467_x2428.....gUaacacggggugccgaac.....
1
Gi2_4491170_x2425.....guggaacacggggugccgaa.....
0
Gi3_16643558_x2347.....Uggaacacggggugccgaac.....
1
Gi3_16648252_x2346.....uggaacacggggugccg.....
0
Gi5_4594294_x2341.....guggaacacggggugccgaacA.....
1
Gi3_16791254_x2203.....Ggggaacacggggugccgaacu.....
1
Gi2_4593584_x2197.....Uggaacacggggugccgaacu.....
1
Gi3_16871628_x2136.....gGacacggggugccgaacu.....
1

Gi3_16882279_x2126.....guggaacNcggggugccgaacu.....
1
Gi3_16903467_x2107.....Augggaacacggggugccgaacu.....
1
Gi5_4683050_x2103.....ugggaacacggggugccgaacA.....
1
Gi3_16928684_x2092.....acgucgugggaacacggggugccgaac.....
0
Gi3_16934960_x2091.....cgugggaacacggggugccg.....
0
Gi5_4687229_x2066.....gggaacacggggugccgaac.....
0
Gi1_2182073_x2038.....cgucgugggaacacggggugccgaacu.....
0
Gi2_4694926_x2033.....cgggagacgucgugggaacacggggugcc.....
0
Gi5_4703592_x2029.....ugggaacacggggugccgaac.....
0
Gi3_17070356_x2005.....aucgggagacgucgugggaacacggggugcc.....
0
Gi3_17110031_x1960.....gacgucgugggaacacggggugccgaacu.....
0
Gi5_4754590_x1912.....uUggaacacggggugccgaacu.....
1
Gi3_17183517_x1905.....cgugggaaNacggggugccgaacu.....
1
Gi3_17196833_x1895.....aucgggagacgucgugggaacac.....
0
Gi2_4747972_x1892.....acgucgugggaacacggggugccgaacu.....
0
Gi2_4751755_x1891.....aucgggagacgucgugggaaca.....
0
Gi3_17249501_x1869.....Uugggaacacggggugccga.....
1
Gi2_4789143_x1843.....cgugggaacacggggugc.....
0
Gi3_17407574_x1767.....cUugggaacacggggugccgaac.....
1
G1a_3336841_x1748.....gggaacacggggugccgaacu.....
0
Gi3_17442691_x1747.....ggaacacggggugccgaa.....
0
Gi3_17461856_x1734.....gaucgggagacgucgugggaacacggg.....
0
Gi2_4893280_x1699.....Uaacacggggugccgaacu.....
1

Gi5_4851747_x1698.....cgugggaacacggggugccgaacA.....
1
Gi2_4903457_x1688.....aucggagacgucgugggaacacggggugcc.....
0
Gi3_17603980_x1650.....uUggaacacggggugccgaac.....
1
Gi3_17670918_x1614....gaucggagacgucgugggaacacgggggu.....
0
Gi1_2244512_x1612.....acgucgugggaacacggggugccgaacu.....
0
Gi1_2246124_x1601.....Uugggaacacggggugccgaacu.....
1
Gi3_17687009_x1601.....cgucgugggaacacggggugccg.....
0
Gi2_5014634_x1581.....cgucgugggaacacggggugccg.....
0
Gi2_5013053_x1581.....gUaacacggggugccgaacu.....
1
Gi3_17792439_x1544.....gCgggaacacggggugccgaacu.....
1
Gi3_17804757_x1535.....cgCgggaacacggggugccgaacu.....
1
Gi3_17827658_x1521.....gugggaacacggggCgccaacu.....
1
Gi2_5088374_x1492.....gggaacacggggugccgaacA.....
1
Gi3_17889244_x1487.....gugggGacacggggugccgaacu.....
1
Gi3_17901117_x1481.....gugggaacacggggGgccaacu.....
1
Gi2_5101745_x1480.....ugggaacacggggugccgaacA.....
1
Gi5_4964517_x1471.....gggaacacggggugccgaacA.....
1
Gi2_5116506_x1469.....Uugggaacacggggugcc.....
1
G1a_3417093_x1462.....Uugggaacacggggugccgaacu.....
1
Gi3_17950984_x1451.....gugggaacacggggugccgaGcu.....
1
Gi5_4980585_x1450.....cgugggaacacggggugccgaac.....
0
Gi3_17956783_x1448.....gUgaacacggggugccgaac.....
1
Gi1_2278079_x1437.....Uaacacggggugccgaacu.....
1

Gi2_5142644_x1430.....ggagacgucgugggaacacggggugcc.....
0
Gi1_2286667_x1421.....ucgCgggaacacggggugccgaacu.....
1
Gi5_4999235_x1414.....Ugaacacggggugccgaacu.....
1
Gi3_18041055_x1409.....Uucgugggaacacggggugccgaacu.....
1
Gi2_5172447_x1403.....ugggaacacggggugccga.....
0
Gi1_2297923_x1382.....gucgugggaacacggggugccgaacu.....
0
Gi3_18106627_x1380.....guUggaacacggggugccgaacu.....
1
Gi2_5197508_x1379.....aucggagacgucgugggaacacggg.....
0
Gi5_5014528_x1369.....Uggaacacggggugccgaacu.....
1
Gi5_5019990_x1359.....ggaacacggggugccgaac.....
0
Gi3_18165432_x1357.....ucgugggaacacggggugccgaacA.....
1
Gi2_5224850_x1355.....uUggaacacggggugccgaacu.....
1
Gi2_5241045_x1346.....gaucggagacgucgugggaacacgggg.....
0
Gi3_18241935_x1325.....agacgucgugggaacacggggugccgaacu.....
0
Gi2_5287405_x1300.....acgucgugggaacacggggugcc.....
0
Gi2_5290004_x1297.....cgugggaacacggggugccga.....
0
Gi3_18311187_x1293.....gugggaGcacggggugccgaacu.....
1
Gi3_18316358_x1292.....gugggaacGcggggugccgaacu.....
1
Gi5_5074131_x1271.....agacgucgugggaacacggggugccgaacu.....
0
Gi2_5310584_x1271.....gucgugggaacacggggugccgaac.....
0
Gi3_18362356_x1267.....cgucgugggaacacggggugccgaacA.....
1
Gi2_5344499_x1246.....aucggagacgucgugggaacacggggug.....
0
Gi2_5356932_x1241.....gUgaacacggggugccgaacu.....
1

Gi3_18423837_x1240.....cgGgggaacacggggugccgaacu.....
1
Gi2_5368059_x1231.....agacgucgugggaacacggggugcc.....
0
Gi2_5372973_x1220.....cgucgugggaacacggggugcc.....
0
Gi3_18490145_x1214.....Uugggaacacggggugccgaa.....
1
Gi2_5414040_x1195.....aucggagacgucgugggaacacg.....
0
Gi3_18574980_x1178.....Aaacacggggugccgaacu.....
1
Gi2_5438941_x1177.....Ggugggaacacggggugccgaacu.....
1
Gi3_18586732_x1173.....cgucgugggaacacggggugccga.....
0
Gi3_18585559_x1173.....gaUcacggggugccgaacu.....
1
Gi2_5451849_x1165.....Ugaacacggggugccgaac.....
1
Gi3_18622676_x1152.....gGgggaacacggggugcc.....
1
Gi2_5505511_x1125.....cgugggaacacggggugccgaa.....
0
Gi2_5507759_x1120.....gGgggaacacggggugccgaac.....
1
Gi3_18723411_x1108.....gacgucgugggaacacggggugccgaac.....
0
Gi5_5171782_x1092.....gugggaacacggggugccga.....
0
Gi3_18769520_x1087.....cgggagacgucgugggaacacggggugcc.....
0
Gi1_2378013_x1083.....Cgggaacacggggugccgaacu.....
1
Gi3_18785802_x1083.....gugggaacacggggugccgCacu.....
1
Gi3_18803090_x1078.....gaacacggNgugccgaacu.....
1
Gi5_5189063_x1063.....ggaacacggggugccgaacA.....
1
Gi3_18852239_x1056.....cgugggaacacggggugccgCacu.....
1
Gi2_5590002_x1051.....gugggaacacggggGgccgaacu.....
1
Gi3_18873269_x1048.....gaucgggagacgucgugggaacacg.....
0

Gi2_5593147_x1046.....gugggaacNcggggugccgaacu.....
 1
 Gi3_18879550_x1045.....gaaacacggggCgccgaacu.....
 1
 Gi2_5602530_x1038.....gacgucgugggaacacggggugccgaacu.....
 0
 Gi3_18895181_x1038.....Uugggaacacggggugccg.....
 1
 Gi1_2388645_x1037.....gugggaacacggggugccgaacA.....
 1
 Gi3_18930286_x1026.....cgugggaacacggggugccgaGcu.....
 1
 Gi3_18936438_x1024.....aGcacggggugccgaacu.....
 1
 Gi2_5640495_x1012.....ggaacacggggugccgaacA.....
 1
 Gi3_18965997_x1011.....Ugugggaacacggggugccgaacu.....
 1
 Gi2_5641507_x1011.....ugggaacacggggugccg.....
 0
 Gi1_2404967_x998.....cgCgggaacacggggugccgaacu..... 1
 Gi2_5716655_x966.....gucgugggaacacggggugcc..... 0
 Gi1_2421588_x960.....gCgggaacacggggugccgaacu..... 1
 Gi2_5724354_x959.....gaucggagacgucgugggaacacggg..... 0
 Gi5_5266060_x950.....gugggaacacggggugcc..... 0
 Gi1_2426354_x947.....ggaacacggggugccgaac..... 0
 Gi3_19185895_x936.....ugggaacacggggugccgCacu.....
 1
 Gi3_19195239_x932.....gugggaacCcgggugccgaacu.....
 1
 Gi2_5758373_x932.....Augggaacacggggugccgaacu..... 1
 Gi4_255519_x927.....gugggaacacggggugccgaacu..... 0
 Gi3_19228620_x922.....gGgggaacacggggugccga.....
 1
 Gi2_5772246_x920.....aacacggggugccgaacA..... 1
 Gi3_19238742_x919.....cgucgugggaacacggggugc.....
 0
 Gi1_2435607_x912.....ucgugggaacacggggugccgaac..... 0
 Gi1_2437431_x908.....ucgugggaacacggggugcc..... 0
 Gi1_2438339_x907.....cUugggaacacggggugccgaacu..... 1
 Gi3_19283423_x905.....guggUaacacggggugccgaacu.....
 1
 Gi3_19314932_x896.....gaucggagacgucgugggaacac.....
 0
 Gi5_5305716_x892.....gUaacacggggugccgaacu..... 1
 Gi3_19336339_x887.....aucggagacgucgugggaacacggggugc.....
 0

Gi3_19337226_x887.....cgugggaGcacggggugccgaacu.....
 1
 Gi5_5313715_x884.....Ggggaacacggggugccgaacu..... 1
 Gi3_19346078_x883.....Gacacggggugccgaacu.....
 1
 Gi3_19353136_x882.....gucgugggaacacggggugcc.....
 0
 Gi5_5328573_x862.....Ggugggaacacggggugccgaacu..... 1
 Gi3_19436709_x861.....acgucgugggaacacggggugcc.....
 0
 Gi3_19477784_x849.....gugggaacacAgggugccgaacu.....
 1
 Gi3_19487110_x846.....ggagacgucgugggaacacggggugcc.....
 0
 Gi1_2463627_x846.....aacacggggugccgaacA..... 1
 Gi2_5894717_x846....gaucggagacgucgugggaacac..... 0
 Gi2_5898094_x843....aucggGgacgucgugggaaca..... 1
 Gi3_19501449_x840.....cgAgggaacacggggugccgaacu.....
 1
 Gi3_19505645_x838.....cgugggGcacggggugccgaacu.....
 1
 Gi5_5346371_x836.....gacgucgugggaacacggggugccgaacu..... 0
 Gi3_19551295_x824.....cgugggaacacggggGgccgaacu.....
 1
 G1a_3705092_x821.....gugggaacacggggugcc..... 0
 Gi3_19597896_x808.....cgggagacgucgugggaacacgggggu.....
 0
 Gi2_5972240_x807.....cgucgugggaacacggggugccga..... 0
 Gi3_19635652_x799.....gAgggaacacggggugccgaacu.....
 1
 Gi3_19638048_x798.....gugggaacacggggugccgaCcu.....
 1
 Gi2_6000086_x787....aucggGgacgucgugggaacacggggugc..... 1
 Gi2_6000873_x786.....cgugggaaNacggggugccgaacu..... 1
 Gi3_19702742_x782.....agacgucgugggaacacggggugccgaac.....
 0
 Gi2_6009494_x781.....gCgggaacacggggugccgaacu..... 1
 Gi5_5388210_x779.....gaacacggggugccgaac..... 0
 Gi3_19712107_x778.....ugggaacacNggggugccgaacu.....
 1
 Gi2_6025044_x773.....agacgucgugggaacacggggugccgaacu..... 0
 Gi3_19752275_x768.....cgugggaacacggggugccgaCcu.....
 1
 Gi2_6041171_x764.....gacgucgugggaacacggggugcc..... 0
 Gi5_5408852_x752.....gUgaacacggggugccgaacu..... 1
 Gi2_6059364_x751.....gUaacacggggugccgaac..... 1

Gi3_19831848_x748.....cguggaacGcggggugccgaacu.....
 1
 Gi3_19863131_x742.....Ggggaacacggggugccgaac.....
 1
 Gi5_5423735_x735.....Augggaacacggggugccgaacu..... 1
 Gi2_6106547_x727.....aucggGgacgucgugggaacac..... 1
 Gi1_2524539_x721.....gggaacacggggugccgaacA..... 1
 Gi3_19944198_x720.....guAggaacacggggugccgaacu.....
 1
 Gi5_5436081_x717.....aucggagacgucgugggaacacg..... 0
 Gi2_6138250_x715.....acgucgugggaacacggggugc..... 0
 Gi3_19977837_x712.....gaucggagacgucgugggaacacgggg.....
 0
 Gi2_6149646_x710.....cgugggaacacggggugccg..... 0
 Gi2_6156741_x709.....gugggaacacggggCgcccgaacu..... 1
 Gi2_6156032_x709.....Uugggaacacggggugccg..... 1
 Gi5_5452426_x705.....ugggaacacggggugccgaa..... 0
 Gi1_2530929_x697.....gugggaacacggggugccgaac..... 0
 Gi5_5458036_x697.....gugggaacacggggugccgaa..... 0
 Gi3_20027165_x696.....gggaacacggggugccga.....
 0
 Gi5_5459430_x696.....ucgugggaacacggggugccgaac..... 0
 Gi1_2534401_x692.....gugggaacacggggugcc..... 0
 Gi2_6200666_x687.....ggagacgucgugggaacacggggugc..... 0
 Gi2_6202725_x686.....Cugggaacacggggugccgaacu..... 1
 Gi3_20061734_x686.....ucgugggaacacggggugc.....
 0
 Gi3_20075429_x683.....Caacacggggugccgaacu.....
 1
 Gi3_20087693_x680.....cgugUgaacacggggugccgaacu.....
 1
 Gi2_6219121_x680.....gugggGacacggggugccgaacu..... 1
 Gi3_20100593_x678.....gaacacggggugccgaCcu.....
 1
 G1a_3822562_x678.....gaacacggggugccgaacu..... 0
 Gi3_20103302_x677.....cgugggaacaUggggugccgaacu.....
 1
 Gi2_6230650_x676.....cgucgugggaacacggggugc..... 0
 Gi3_20138255_x668.....ggagacgucgugggaacacgggggu.....
 0
 Gi2_6261466_x664.....guUggaacacggggugccgaacu..... 1
 Gi2_6259474_x664.....gaacacggggugccgaacA..... 1
 Gi1_2549977_x662.....gGgggaacacggggugccgaacu..... 1
 Gi2_6272692_x658.....gugggaacGcggggugccgaacu..... 1
 Gi2_6277948_x656.....gugggaacacggggugccgaGcu..... 1
 Gi5_5501608_x654.....Uugggaacacggggugccgaac..... 1
 Gi2_6287759_x653.....Uucgugggaacacggggugccgaacu..... 1

Gi3_20231351_x652.....gaacacggggugccgaGcu.....
 1
 Gi2_6306563_x644.....cUugggaacacggggugccgaac..... 1
 Gi3_20285750_x643.....gaacGcggggugccgaacu.....
 1
 Gi2_6335368_x636....gaucggagacgucgugggaacacggggugc..... 0
 Gi2_6340450_x634.....acgucgugggaacacggggugccgaac..... 0
 Gi3_20335512_x633.....Gcgugggaacacggggugccgaacu.....
 1
 Gi3_20333613_x633.....aUcacggggugccgaacu.....
 1
 Gi5_5530522_x632.....cgugggaaNacggggugccgaacu..... 1
 Gi2_6352455_x629.....gGgggaacacggggugcc..... 1
 Gi2_6356223_x627.....cggagacgucgugggaacacggggugc..... 0
 Gi2_6372478_x622.....Ggggaacacggggugccgaacu..... 1
 Gi1_2574227_x619.....gacgucgugggaacacggggugccgaacu..... 0
 Gi1_2575463_x616.....Ugaacacggggugccgaacu..... 1
 Gi3_20425189_x613....aucggagacgucguggga.....
 0
 Gi3_20433767_x612.....acgucgugggaacacggggugccgaacA.....
 1
 G1a_3889537_x611.....gGgggaacacggggugccgaacu..... 1
 Gi3_20455698_x606.....cUugggaacacggggugccgaacu.....
 1
 Gi2_6418466_x604....gaucggagacgucguggga..... 0
 Gi1_2583389_x604.....uUggaacacggggugccgaacu..... 1
 Gi2_6427498_x600.....ucgugggaacacggggugccgaacA..... 1
 Gi3_20496077_x598.....gugggaacacggggugccAaacu.....
 1
 Gi2_6449532_x591.....gugggaGcacggggugccgaacu..... 1
 Gi3_20524036_x591.....cAugggaacacggggugccgaacu.....
 1
 Gi3_20535824_x588.....uAggaacacggggugccgaacu.....
 1
 Gi3_20534060_x588.....cUucgugggaacacggggugccgaacu.....
 1
 Gi1_2589356_x587.....Uggaacacggggugccgaacu..... 1
 Gi3_20555743_x584.....gugggaacacggggugcUgaacu.....
 1
 Gi2_6477610_x580.....gaacacggggugccgaac..... 0
 Gi3_20572614_x580.....cgugggaacacAgggugccgaacu.....
 1
 Gi2_6501196_x571.....cgCgggaacacggggugccgaacu..... 1
 Gi3_20621399_x570.....gGgggaacacggggugccgaa.....
 1
 Gi2_6509178_x568.....cgGgggaacacggggugccgaacu..... 1

Gi3_20641814_x565.....Cugggaacacggggugccgaac.....
 1
 G1a_3939434_x563.....aacacggggugccgaacu..... 0
 Gi3_20653089_x562.....ucgugggaacacggggugccg.....
 0
 Gi3_20660950_x561.....gaGcacggggugccgaacu.....
 1
 Gi2_6525556_x561.....gugggaacacggggugccgCacu..... 1
 Gi1_2607734_x560.....ugggaacacggggugccgaac..... 0
 Gi2_6532839_x559.....Uggaacacggggugccgaac..... 1
 Gi3_20690539_x556.....ucggagacgucgugggaacacggggugcc.....
 0
 Gi3_20686091_x556.....Uaacacggggugccgaac.....
 1
 G1a_3950603_x553.....aucggagacgucgugggaacacggg..... 0
 Gi3_20726447_x549.....aacacgggNugccgaacu.....
 1
 Gi5_5626687_x549.....gggaacacggggugccgaa..... 0
 Gi3_20755962_x544.....gugggaacNcggggugccgaac.....
 1
 Gi5_5641931_x539.....cgugggaacacggggugccga..... 0
 Gi2_6592497_x537.....gucgugggaacacggggugc..... 0
 Gi2_6591423_x537.....Uugggaacacggggugccga..... 1
 Gi2_6605333_x533.....gaucggagacgucgugggaacacg..... 0
 Gi2_6604800_x533.....ugggaacacggggugccgaa..... 0
 Gi3_20866986_x523.....gugAgaacacggggugccgaacu.....
 1
 Gi1_2630453_x519.....gucgCgggaacacggggugccgaacu..... 1
 G1a_3984256_x519.....gugggaacacggggugccga..... 0
 Gi2_6654166_x518.....ucgugggaacacggggugccg..... 0
 Gi2_6663968_x514.....gggaacacggggugccgaa..... 0
 Gi3_20927425_x511.....gucgugggaacacggggugccgaacA.....
 1
 Gi2_6669610_x511.....cgugggaacacggggugccgCacu..... 1
 Gi4_298421_x509.....cgugggaacacggggugccgaacu..... 0
 Gi3_20933547_x509.....gUaacacggggugccgaacu.....
 1
 Gi2_6688434_x506.....cgucgugggaacacggggugccgaac..... 0
 Gi2_6691467_x505.....ucggGgacgucgugggaacacg..... 1
 Gi3_20965425_x503.....ucggagacgucgugggaacacg.....
 0
 Gi5_5684347_x503.....gugggaacNcggggugccgaacu..... 1
 Gi5_5685353_x502.....aucggagacgucgugggaacacg..... 0
 G1a_4003648_x501.....aucggagacgucgugggaacacggggu..... 0
 G1a_4008139_x498.....gugggaacacggggugccgaac..... 0
 G1a_4011121_x496.....cgugggaacacggggugcc..... 0

Gi3_21024275_x493.....gacgucgugggaacacggg.....
 0
 Gi5_5704214_x491....aucggagacgucgugggaacacgggu..... 0
 Gi3_21053231_x489.....cgugggaacacggggugccAaacu.....
 1
 Gi3_21053720_x489.....Cgaacacggggugccgaacu.....
 1
 Gi5_5708616_x486.....gugggaacacggggugccgaacuu..... 0
 Gi3_21074174_x485.....aaUacggggugccgaacu.....
 1
 Gi2_6754847_x485....gaucggagacgucgugggaaca..... 0
 Gi1_2653352_x484.....cgucgCgggaacacggggugccgaacu..... 1
 Gi3_21090151_x483.....Aggaacacggggugccgaacu.....
 1
 Gi2_6764528_x482.....ggGgacgucgugggaacacggggugcc..... 1
 Gi2_6773666_x480....aucggGgacgucgugggaacacggg..... 1
 Gi2_6774146_x480.....gugggaacCcgggugccgaacu..... 1
 Gi3_21119024_x479.....aacacggggugccgaacuu.....
 0
 Gi3_21144290_x475.....gGgggaacacggggugccg.....
 1
 Gi3_21138590_x475.....gGcgugggaacacggggugccgaacu.....
 1
 Gi5_5737314_x470.....aacacggggugccgaacA..... 1
 Gi3_21178779_x470.....Augggaacacggggugccgaac.....
 1
 Gi3_21189573_x469.....Uucgugggaacacggggugccgaac.....
 1
 Gi5_5745274_x466.....gugggaacacggggugccg..... 0
 Gi2_6811953_x465....ucggagacgucgugggaacacg..... 0
 Gi3_21225428_x463.....gucgugggaacacggggugccga.....
 0
 Gi1_2673628_x459.....gugggaacacggggugccg..... 0
 Gi5_5767386_x456.....aaUacggggugccgaacu..... 1
 Gi2_6849190_x455....aucggagacgucgugggaac..... 0
 Gi3_21273618_x454.....cgugggaacacggggugcUgaacu.....
 1
 Gi3_21277250_x454.....ggaacacgNggugccgaacu.....
 1
 Gi2_6855091_x453.....ggaacacggggugccgaa..... 0
 Gi1_2677719_x450.....agacgucgugggaacacggggugccgaacu..... 0
 Gi2_6870001_x450.....agacgucgugggaacacggggugc..... 0
 Gi3_21301662_x450.....uUggaacacggggugccgaa.....
 1
 Gi5_5775083_x449.....aGcacggggugccgaacu..... 1
 Gi3_21314237_x448.....gaacacggggugccgCacu.....
 1

Gi3_21316924_x447.....cgucgugggaacacgggg.....
0
Gi5_5781786_x445.ugcgaucggagacgucgug..... 0
Gi3_21334759_x445.....gugggaacacgggguAccgaacu.....
1
Gi3_21342750_x443.....Cggaacacggggugccgaacu.....
1
Gi3_21366587_x440.....Cggaacacggggugccgaacu.....
1
Gi3_21374493_x438.....gaucggagacgucgugggaacacgg.....
0
Gi2_6928292_x434.....guggUaacacggggugccgaacu..... 1
Gi3_21420601_x432.....gugggaacaUggggugccgaacu.....
1
Gi2_6946431_x430.....cggGgacgucgugggaacacggggugc..... 1
Gi1_2690059_x430.....ucgCgggaacacggggugcc..... 1
Gi5_5805893_x429.....Gcgugggaacacggggugccgaacu..... 1
Gi3_21442085_x428.....gugggaacacggggugccgaUc.....
1
Gi3_21442941_x428.....uUggaacacggggugccga.....
1
Gi5_5810600_x427.....Uucgugggaacacggggugccgaacu..... 1
Gi5_5809746_x427.....Gacacggggugccgaacu..... 1
Gi3_21454905_x426.....Ggugggaacacggggugccgaac.....
1
Gi3_21464696_x425.....gggaacacggggugccgaCcu.....
1
Gi2_6960982_x425.....aucggGgacgucgugggaacacg..... 1
Gi3_21470210_x424.....gugggaacacggggugccgGacu.....
1
G1a_4115331_x422.....Ugaacacggggugccgaacu..... 1
Gi3_21495525_x420.....gugggaacacggggugUcgaacu.....
1
Gi2_6981273_x419.....cgugggaacacggggugccgaCcu..... 1
Gi2_6981692_x419.....cggagacgucgugggaacacggggu..... 0
Gi3_21532298_x416.....gugggaacacggUgugccgaacu.....
1
Gi3_21552587_x413.....gCgggaacacggggugccgaac.....
1
Gi3_21566190_x411.....gggaacacNgggugccgaacu.....
1
Gi2_7023165_x410.....gugggaacacggggugccgaCcu..... 1
Gi3_21576442_x409.....cguAggaacacggggugccgaacu.....
1
Gi3_21578892_x408.....gugggaacacgAgggugccgaacu.....
1

Gi3_21593951_x405.....cggagacgucgugggaacacg.....
0
Gi1_2710911_x404.....aucggagacgucgugggaacacg..... 0
Gi3_21620582_x402.....cgucgugggaacacggggugccgaa.....
0
Gi3_21647373_x398.....ucggagacgucgugggaacacggggu.....
0
Gi3_21658497_x397.....gugggaacacggAgugccgaacu.....
1
Gi5_5858005_x396.....gugggaacacggggGgccgaacu..... 1
Gi3_21665630_x396.....gugggaacacggggugccgaGc.....
1
Gi3_21683787_x393.....Cugggaacacggggugcc.....
1
Gi5_5865493_x392.....cgGgggaacacggggugccgaacu..... 1
Gi5_5879505_x385.....cgCgggaacacggggugccgaacu..... 1
G1a_4189285_x379.....ugggaacacggggugccgaacA..... 1
Gi2_7156442_x374.....cgugggGacacggggugccgaacu..... 1
Gi5_5898479_x374.....cgugggaacacggggugcc..... 0
Gi3_21813581_x374.....gugggaacacggggCgccgaac.....
1
Gi3_21813955_x374.....gaacacggggugccGacu.....
1
Gi2_7160930_x373.....gggaacacggggugccga..... 0
Gi1_2746579_x371.....cgugggaacacggggugccgaac..... 0
Gi3_21839642_x370.....gugggaacacggggGgccgaac.....
1
Gi3_21848878_x369.....cgugggaacacgUggugccgaacu.....
1
Gi3_21844450_x369.....cggagacgucgugggaacacggg.....
0
Gi3_21875321_x366.....cgugAgaacacggggugccgaacu.....
1
Gi3_21878975_x365.....guggAaacacggggugccgaacu.....
1
Gi3_21886627_x364.....ggUacacggggugccgaacu.....
1
Gi3_21888810_x363.....agacgucgugggaacacggggugcc.....
0
Gi2_7209198_x363.....gAgggaacacggggugccgaacu..... 1
Gi5_5912906_x363.....gugggGacacggggugccgaacu..... 1
Gi3_21890988_x363.....aacacggggCgccgaacu.....
1
Gi1_2755728_x362.....gugggaacacggggugccgaacuu..... 0
Gi1_2760408_x359.....gUgaacacggggugccgaacu..... 1
Gi3_21920229_x359.....ggagacgucgugggaacacg.....
0

Gi2_7227600_x359.....aucggagacgucguggga..... 0
 Gi2_7231906_x358.....cgugggaacacggggugccgaGcu..... 1
 Gi3_21924892_x358.....gugggaaUacggggugccgaacu.....
 1
 Gi1_2762199_x357.....gUaacacggggugccgaacu..... 1
 Gi3_21936329_x357.....Agugggaacacggggugccgaacu.....
 1
 Gi3_21947005_x355.....cUugggaacacggggugcc.....
 1
 Gi3_21945230_x355.....gacgucgugggaacacgggggu.....
 0
 Gi2_7246532_x355.....ggGgacgucgugggaacacggggugc..... 1
 Gi1_2765402_x354.....cgucgugggaacacggggugcc..... 0
 Gi3_21950908_x354.....gagacgucgugggaacacggggugccgaacu.....
 0
 Gi3_21959043_x353.....ugggaacacggggugccgCac.....
 1
 Gi2_7257846_x352.....gugggaacacAgggugccgaacu..... 1
 Gi2_7262421_x351.....Gcgugggaacacggggugccgaacu..... 1
 Gi1_2768927_x350.....gucgugggaacacggggugcc..... 0
 Gi5_5957529_x345.....ugggaacacggggugccgCacu..... 1
 Gi3_22045930_x341.....ucgugggaacacggggugccgaa.....
 0
 Gi5_5971873_x338.....gGacacggggugccgaacu..... 1
 Gi3_22074093_x337.....guggggGacacggggugccgaac.....
 1
 Gi3_22078811_x336.....gacgucgugggaacacggggugccgaacA.....
 1
 Gi2_7332098_x336.....Ugugggaacacggggugccgaacu..... 1
 Gi5_5975582_x336.....gCgggaacacggggugccgaacu..... 1
 Gi1_2782276_x335.....cgugggaacacggggugccga..... 0
 Gi2_7335117_x335.....cgugggaGcacggggugccgaacu..... 1
 Gi5_5979277_x335.....ugggaacaNggggugccgaacu..... 1
 Gi3_22101607_x334.....Agaacacggggugccgaacu.....
 1
 Gi5_5988969_x333.....cgugggaacacggggugccgaGcu..... 1
 Gi5_5986971_x333.....gugggaacacggggCgccgaacu..... 1
 Gi3_22111938_x332...cgaucggagacgucgugggaacacg.....
 0
 Gi5_5992293_x332.....Cugggaacacggggugccgaacu..... 1
 Gi1_2785611_x332.....ggagacgucgugggaacacggggugcc..... 0
 Gi3_22123215_x331.....Agaacacggggugccgaac.....
 1
 Gi1_2787918_x328.....gCgggaacacggggugccg..... 1
 Gi3_22148239_x328.....ggaacacgNggugccgaac.....
 1
 Gi2_7368916_x327.....gUgaacacggggugccgaac..... 1

Gi5_6006792_x326.....gucgugggaaacacggggugccgaac..... 0
 Gi2_7373163_x326.....cgAgggaaacacggggugccgaacu..... 1
 Gi3_22168136_x325.....gaacacAgggugccgaacu.....
 1
 Gi2_7381942_x324.....guAggaacacggggugccgaacu..... 1
 Gi5_6014257_x323.....cUucgugggaaacacggggugccgaacu..... 1
 Gi1_2795056_x322.....aucggagacgucgCgggaacacgg..... 1
 Gi1_2797301_x319.....acgucgugggaaacacggggugcc..... 0
 Gi3_22222813_x318.....aacGcggggugccgaacu.....
 1
 Gi1_2797939_x318.....ugggaacacggggugccgaacA..... 1
 Gi2_7410220_x318....gaucggagacgucgugggaaacacggggug..... 0
 Gi2_7417202_x317....aucggagacgucgugggaaacacgg..... 0
 Gi5_6024830_x317.....guUggaacacggggugccgaacu..... 1
 Gi3_22243432_x316.....aacacggggugccgaGcu.....
 1
 Gi3_22254787_x315.....cUugggaacacggggugccga.....
 1
 Gi2_7432954_x313.....gGgacgucgugggaaacacggggugcc..... 1
 Gi3_22285171_x311.....guUggaacacggggugccgaac.....
 1
 Gi4_321304_x310.....ugggaacacggggugccgaacu..... 0
 Gi3_22299763_x309....cgaucggagacgucguggg.....
 0
 Gi2_7449127_x309.....gacgucgugggaaacacggggugccg..... 0
 Gi2_7456834_x308.....cggGgacgucgugggaaacac..... 1
 Gi3_22309644_x308.....ugggGacacggggugccgaacu.....
 1
 Gi3_22318255_x307.....gggaacacggggugccgaaA.....
 1
 Gi3_22317027_x307.....gacgucgugggaaacacggggugccg.....
 0
 Gi5_6054155_x307.....gugggaacacggggugccgaGcu..... 1
 Gi2_7460519_x307.....gGggaaacacacggggugccg..... 1
 Gi2_7465729_x306.....cgugggaacacggggCgccaacu..... 1
 Gi3_22329900_x306.....cgugggaacacgAggugccgaacu.....
 1
 Gi2_7477315_x304....ucggagacgucgugggaaaca..... 0
 Gi3_22354863_x303.....Uggaacacggggugccgaa.....
 1
 Gi3_22349712_x303.....ggaacacggggugccgCacu.....
 1
 Gi3_22378677_x300.....ugggaGcacggggugccgaacu.....
 1
 Gi3_22384377_x300.....ggaacacggggugccgCac.....
 1
 Gi5_6073549_x299.....cgucgugggaaacacggggugccgaacA..... 1

Gi2_7521375_x295.....Uugggaacacggggugccgaa..... 1
 Gi3_22441300_x293.....gucgugggaacacggggugc.....
 0
 Gi3_22447160_x293.....gaacacggggugccAaacu.....
 1
 Gi2_7536057_x292.....gugggaacacggggugcUgaacu..... 1
 Gi3_22467875_x291.....ugggaacacggggCgccgaacu.....
 1
 Gi3_22461473_x291.....ggUacacggggugccgaac.....
 1
 Gi2_7543054_x291...cgaucggagacgucgugg..... 0
 Gi5_6101490_x290.....ucggagacgucgugggaacacg..... 0
 Gi3_22478029_x290.....ggaacacggggCgccgaacu.....
 1
 Gi2_7548566_x289.....Agaacacggggugccgaac..... 1
 Gi2_7556077_x288.....ggGgacgucgugggaaca..... 1
 Gi3_22500808_x287.....uCggaacacggggugccgaacu.....
 1
 Gi3_22522274_x285.....gugggaacGcggggugccgaac.....
 1
 Gi2_7580393_x284...gaucggagacgucgugggaacacggggugcc..... 0
 Gi3_22534784_x284...gaucggagacgucgugggaacacggggugc.....
 0
 Gi3_22526264_x284.....cgugggaaUacggggugccgaacu.....
 1
 Gi3_22547230_x282.....cUucgugggaacacggggugcc.....
 1
 Gi1_2845298_x281.....Gcgugggaacacggggugccgaacu..... 1
 Gi3_22562991_x280...gaucggagacgucgugggaacacggggugcc.....
 0
 Gi2_7605185_x280.....ugggaacacggggugccgCacu..... 1
 Gi2_7608536_x279...aucggGgacgucgugggaacacggggugcc..... 1
 Gi3_22579204_x279.....ugggaacGcggggugccgaacu.....
 1
 Gi5_6138683_x279.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi3_22583102_x278.....aacacggggugccgGacu.....
 1
 Gi3_22607482_x276.....gugggaacacggggAgccgaacu.....
 1
 Gi3_22611622_x276.....ugggaacaNggggugccgaac.....
 1
 Gi3_22620429_x275.....gugggaacacgggAugccgaacu.....
 1
 Gi2_7632642_x275.....cgugUgaacacggggugccgaacu..... 1
 Gi2_7635117_x275.....cUucgugggaacacggggugccgaacu..... 1
 Gi1_2853614_x274...ucggagacgucgugggaacacg..... 0
 Gi1_2854984_x274.....Caacacggggugccgaacu..... 1

Gi3_22626184_x274.....cgugggaCcacggggugccgaacu.....
 1
 Gi2_7641697_x274.....gucgugggaacacggggugccga..... 0
 Gi3_22634390_x273.....gagacgucgugggaacacggggugccgaacu.....
 0
 Gi2_7642791_x273.....ucggagacgucgugggaacacggggugcc..... 0
 Gi2_7655585_x271.....cgugggaacGcggggugccgaacu..... 1
 Gi3_22673179_x269.....gugggaacacggggugccgCac.....
 1
 Gi2_7667997_x269.....aucggGgacgucgugggaacacgggggu..... 1
 Gi3_22672641_x269.....gugggaaAacggggugccgaacu.....
 1
 Gi5_6167436_x269.....Uggaacacggggugccgaac..... 1
 Gi3_22677752_x269.....cgugggaacacggggguAccgaacu.....
 1
 Gi1a_4420290_x267.....gUaacacggggugccgaacu..... 1
 Gi5_6173063_x267.....gugggaacGcggggugccgaacu..... 1
 Gi3_22694116_x267.....gugggaacacggggugccgaacG.....
 1
 Gi2_7676042_x267.....gacgucgugggaacacgggggu..... 0
 Gi2_7691476_x265.....gacgucgugggaacacggggugc..... 0
 Gi5_6184234_x264.....cgugggGacacggggugccgaacu..... 1
 Gi2_7699399_x263.....ucggagacgucgugggaacacggggugc..... 0
 Gi5_6193187_x262.....gugggaGcacggggugccgaacu..... 1
 Gi5_6197111_x261.....Ugugggaacacggggugccgaacu..... 1
 Gi5_6196067_x261.....cgugggaacacggggugccgCacu..... 1
 Gi5_6197633_x261.....acgucgugggaacacggggugccgaac..... 0
 Gi2_7719813_x260.....aucggGgacgucgugggaa..... 1
 Gi2_7724223_x259.....gGgacgucgugggaacacggggugc..... 1
 Gi3_22783220_x259.....acacggggugccgaacuu.....
 0
 Gi2_7727071_x258.....ggaacacgNggugccgaacu..... 1
 Gi2_7734292_x257.....cUugggaacacggggugcc..... 1
 Gi3_22809979_x256.....gGcugugggaacacggggugccgaac.....
 1
 Gi3_22807163_x256.....cgugggaaNacggggugccgaac.....
 1
 Gi2_7744291_x255.....gaucggagacgucgugggaacacgggg..... 0
 Gi1_2887914_x255.....cgugggaacacggggugccg..... 0
 Gi3_22833935_x254.....ugUgaacacggggugccgaacu.....
 1
 Gi5_6223644_x254.....cgucgugggaacacggggugccgaac..... 0
 Gi2_7753201_x254.....ugggaacaNggggugccgaacu..... 1
 Gi3_22846342_x253.....Aucgugggaacacggggugccgaacu.....
 1
 Gi3_22843812_x253.....gugggUacacggggugccgaacu.....
 1

Gi1_2893239_x252.....gugggaacacggggugccga..... 0
 Gi1_2892483_x252.....cgCgggaacacggggugcc..... 1
 Gi3_22871752_x250.....gaacacggggugcUgaacu.....
 1
 Gi3_22872752_x250.....ggaacacggggCgccgaac.....
 1
 Gi5_6240516_x249.....cgAgggaacacggggugccgaacu..... 1
 Gi2_7783342_x249.....aucggGgacgucgugggaacacgg..... 1
 Gi5_6242757_x249.....gGgggaacacggggugccgaac..... 1
 Gl1a_4464036_x249.....cUugggaacacggggugccgaacu..... 1
 Gi2_7787561_x248.....uUggaacacggggugccgaac..... 1
 Gi3_22906604_x248.....Uacgucgugggaacacggggugccgaacu.....
 1
 Gi2_7790041_x248.....cCugggaacacggggugccgaacu..... 1
 Gl1a_4469990_x247.....ggaacacggggugccgaacA..... 1
 Gi2_7804100_x246.....aGcacggggugccgaacu..... 1
 Gi1_2906915_x246.....ggagacgucgugggaacacggggugccg..... 0
 Gi1_2904701_x246.....aGcacggggugccgaacu..... 1
 Gi3_22922900_x246.....gugggaacacggggugccgUacu.....
 1
 Gl1a_4475643_x245.....gugggaacacggggugccg..... 0
 Gi3_22937146_x245.....ugggaacacggggugccgU.....
 1
 Gi3_22939106_x245....Uaucggagacgucgugggaacacggg.....
 1
 Gi5_6261217_x244.....aacacgggNugccgaacu..... 1
 Gi2_7809735_x244.....gagacgucgugggaacacggggugcc..... 0
 Gi3_22952543_x244.....acgucgugggaacacggg.....
 0
 Gi1_2912295_x243.....ugggaacacggggugccgaacuu..... 0
 Gi2_7823837_x242.....aucggagacgucgugggaacacgggg..... 0
 Gi3_22973653_x242.....cgugggaacacggggugUcgaacu.....
 1
 Gi1_2915203_x242.....aucggagacgucgugggaacacggggugcc..... 0
 Gi2_7833252_x241.....gugggaacacggggugccAaacu..... 1
 Gi3_22984514_x241.....gggaacacggggugccgCacu.....
 1
 Gi3_22993410_x240.....cggagacgucgugggaacac.....
 0
 Gi3_23001553_x239.....aaAacggggugccgaacu.....
 1
 Gi2_7842372_x239.....gugggaacaUggggugccgaacu..... 1
 Gl1a_4487024_x239.....aucggagacgucguggga..... 0
 Gi2_7844045_x239.....gggaacacNgggugccgaacu..... 1
 Gi3_23014672_x238.....cUugggaacacggggugc.....
 1
 Gi2_7851431_x238.....gugggaacacggggugccgGacu..... 1

Gi3_23020146_x238.....guggUaacacggggugccgaac.....
 1
 Gi3_23016100_x238.....gugggaacCcggggugccgaac.....
 1
 Gi3_23037682_x236.....gugggaacacggggugcAgaacu.....
 1
 Gi2_7863743_x236.....ggaGcacggggugccgaacu..... 1
 Gi5_6293819_x236.....gucgugggaacacggggugccgaacA..... 1
 Gi2_7867979_x235.....gucgugggaacacggggugccgaacA..... 1
 Gi3_23053003_x235.....cgugggaacacggggugccgaacG.....
 1
 Gi1_2930002_x235.....cgugggaacacggggugccgaacuu..... 0
 Gi3_23052298_x235.....ugggaacacggggugccgaGcu.....
 1
 Gi3_23060757_x234.....uGgugggaacacggggugccgaacu.....
 1
 Gi5_6300402_x234.....gugggaacCcggggugccgaacu..... 1
 Gl1a_4505245_x233.....ggaacacggggugccgaac..... 0
 Gi1_2932108_x233.....Ggggaacacggggugccgaacu..... 1
 Gi3_23082717_x233.....uUggaacacggggugccg.....
 1
 Gi3_23080620_x233.....ggUaacacggggugccgaacu.....
 1
 Gi5_6302507_x233.....cgugggaacacggggugc..... 0
 Gi1_2934434_x232.....gucgugggaacacggggugccgaacA..... 1
 Gi1_2934666_x232.....acgucgCgggaacacggggugccgaacu..... 1
 Gi2_7893605_x231.....gGcgugggaacacggggugccgaacu..... 1
 Gi3_23113050_x230.....cgugggaacacggggugccgaaAu.....
 1
 Gi3_23118110_x230.....gggaacacNgggugccgaac.....
 1
 Gi3_23136914_x229.....gaacacggggugccgaacuu.....
 0
 Gi2_7917898_x227...cgaucggagacgucgugggaacacggg..... 0
 Gi5_6336932_x225.....guggUaacacggggugccgaacu..... 1
 Gi3_23178388_x225.....aGcggagacgucgugggaacacg.....
 1
 Gi1_2949311_x225.....gaacacggggugccgaac..... 0
 Gi3_23192755_x224.....cgggagacgucgugggaacacggg.....
 0
 Gl1a_4530999_x223.....cgugggaacacggggugc..... 0
 Gi2_7955244_x223.....gugggaacacggUgugccgaacu..... 1
 Gi3_23201914_x223.....gugggaacacggggGgcc.....
 1
 Gi3_23225485_x222.....ucgggagacgucgugggaacacggg.....
 0
 Gi5_6353490_x222.....cgugggaacacggggCgccgaacu..... 1

Gi3_23235655_x221.....aGcggagacgucgugggaacacggg.....
 1
 Gi3_23230130_x221.....ggagacgucgugggaacacggggugccg.....
 0
 Gi1a_4536999_x221.....Uggaacacggggugccgaacu..... 1
 Gi2_7968332_x221.....cgugggaacacggggugcUga..... 1
 Gi2_7967227_x221.....gGgggaacacggggugccga..... 1
 Gi3_23245788_x220.....ggaGcacggggugccgaacu.....
 1
 Gi3_23244688_x220.....gugggaGcacggggugccgaac.....
 1
 Gi3_23251068_x220.....Gcgugggaacacggggugccgaac.....
 1
 Gi2_7983284_x219.....Agaacacggggugccgaacu..... 1
 Gi3_23256763_x219.....gugggaCcacggggugccgaacu.....
 1
 Gi5_6370944_x219.....gaacacggNgugccgaacu..... 1
 Gi2_7983941_x219.....aacacggggugccgaGcu..... 1
 Gi3_23276622_x217.....gagacgucgugggaacacgggg.....
 0
 Gi2_7993097_x217.....ggGgacgucgugggaacacg..... 1
 Gi1a_4550990_x216.....gugggaacacggggugccgaacA..... 1
 Gi5_6392467_x216.....cgucgugggaacacggggugc..... 0
 Gi2_8005442_x216.....gGacacggggugccgaacu..... 1
 Gi3_23326407_x214.....gugggaacacggggugccgaUu.....
 1
 Gi1_2979521_x213.....aucggagacgucgugggaacacgggg..... 0
 Gi4_350396_x213.....gugggaacacggggugccgaa..... 0
 Gi3_23345587_x212.....cgugggUacacggggugccgaacu.....
 1
 Gi3_23348767_x212.....cgugggaacacggAgugccgaacu.....
 1
 Gi2_8043172_x211.....gugggaacacggggUaccgaacu..... 1
 Gi3_23363588_x211.....gugggaacacggggugccgaCc.....
 1
 Gi5_6416161_x211.....cgugUgaacacggggugccgaacu..... 1
 Gi1_2982062_x211.....gggaacacggggugccgaacu..... 0
 Gi2_8052213_x210.....gagacgucgugggaacacggggugc..... 0
 Gi3_23382537_x210.....gugggaacUggggugcc.....
 1
 Gi2_8058071_x209.....ucgugggaacacggggugccgaa..... 0
 Gi5_6424997_x209.....aucggagacgucgugggaacacggg..... 0
 Gi2_8067652_x208.....gugggaacacgAggugccgaacu..... 1
 Gi2_8068484_x208.....ggGgacgucgugggaacacgggg..... 1
 Gi1_2988772_x208.....cgucgCgggaacacggggugcc..... 1
 Gi3_23404915_x208.....ucgugggaacacggggugccga.....
 0

Gi3_23420689_x207.....gggaacacggggCgccgaacu.....
 1
 Gi2_8075951_x207.....cgucgugggaacacgggg..... 0
 Gi3_23429590_x206.....agacgucgugggaacacggg.....
 0
 Gi1_2997669_x205.....cggagacgucgugggaacacggggugcc..... 0
 Gi3_23442975_x205.....Ugaacacggggugccgaa.....
 1
 Gi3_23444820_x205.....gAgggaacacggggugccgaa.....
 1
 Gi3_23459966_x204.....Ggggaacacggggugccgaa.....
 1
 Gi2_8098395_x204.....gugAgaacacggggugccgaacu..... 1
 Gi1_3004409_x203.....cgugggaacacggggugccgaacA..... 1
 Gi3_23477049_x203....Uaucggagacgucgugggaacacggggu.....
 1
 Gi3_23466899_x203.....gggaGcacggggugccgaacu.....
 1
 Gi2_8107965_x203.....gucgugggaacacggggugccg..... 0
 Gi3_23467508_x203.....Ggggaacacggggugccga.....
 1
 Gi3_23493632_x202.....cggagacgucgugggaacacggggugccga.....
 0
 Gi5_6470819_x202.....aacacggggCgccgaacu..... 1
 Gi3_23488784_x202.....gaacacggAgugccgaacu.....
 1
 Gi3_23502492_x201.....ucgugggaacacggggugcc.....
 0
 Gi2_8120901_x201.....guggAaacacggggugccgaacu..... 1
 Gi3_23518931_x200.....cgGgggaacacggggugccgaac.....
 1
 Gi3_23523331_x200.....cgugggaacacggggugccgaaUu.....
 1
 Gi2_8132932_x200.....cgugggaaUacggggugccgaacu..... 1
 G1a_4602587_x199.....uUggaacacggggugccgaacu..... 1
 Gi2_8150412_x198.....ucgugggaacacggggugc..... 0
 Gi2_8142888_x198.....ggUaacacggggugccgaacu..... 1
 Gi3_23564928_x197.....gggGaacacggggugccgaacu.....
 1
 Gi5_6495719_x197.....cgugggaacacggggugccgaCcu..... 1
 Gi3_23558821_x197.....gAaacacggggugccgaacu.....
 1
 Gi3_23579069_x196.....Aggaacacggggugccgaa.....
 1
 Gi3_23605197_x194.....acgucgugggaacacggggugccg.....
 0
 Gi5_6521848_x193.....guAggaacacggggugccgaacu..... 1

Gi2_8200451_x192.....gugggaaAacggggugccgaacu..... 1
 Gi3_23638576_x192.....gUgaacacggggugccgaa.....
 1
 Gi2_8199875_x192.....cAugggaacacggggugccgaacu..... 1
 Gi3_23646609_x191.....cguggAaacacggggugccgaacu.....
 1
 Gi1_3035987_x191.....cUucgugggaacacggggugccgaacu..... 1
 Gi2_8202747_x191.....gagacgucgugggaacacggggugccg..... 0
 Gi1_3038462_x190.....gGacacggggugccgaacu..... 1
 Gi3_23659185_x190.....gugggaacacggggugccAaac.....
 1
 Gi3_23680787_x189.....guAggaacacggggugccgaac.....
 1
 Gi3_23677007_x189...cgaucggagacgucgugg.....
 0
 Gi2_8225558_x189.....gacgucgugggaacacggggugccgaac..... 0
 Gi1_3042249_x188.....acgucgugggaacacggggugccg..... 0
 Gi1_3045436_x187.....Uucgugggaacacggggugccgaacu..... 1
 Gi2_8238546_x187.....ggagacgucgugggaacacggggug..... 0
 Gi4_363236_x187.....ucgugggaacacggggugccgaacu..... 0
 Gi3_23712512_x187.....gugggaacacAgggugccgaac.....
 1
 Gi5_6562038_x186.....Ugaacacggggugccgaac..... 1
 Gi2_8248078_x186.....gugggaacacggAgugccgaacu..... 1
 G1a_4647473_x186...cgaucggagacgucgugg..... 0
 Gi3_23717926_x186.....cgCgggaacacggggugccgaac.....
 1
 Gi3_23738900_x185.....gugggaacacggggugccgaaA.....
 1
 Gi1_3053794_x185...aucggagacgucgCgggaacacg..... 1
 Gi2_8265331_x185.....gagacgucgugggaacacggggug..... 0
 Gi5_6582202_x184.....ugggaacacggggugccgaacuu..... 0
 Gi2_8267916_x184.....gugggaacacggggugccgaacuu..... 0
 Gi3_23745169_x184.....gCgaacacggggugccgaacu.....
 1
 Gi3_23758969_x184...gaucggagacgucgugggaac.....
 0
 Gi3_23752161_x184.....gaacacgggguAccgaacu.....
 1
 Gi5_6588611_x183.....gAgggaacacggggugccgaacu..... 1
 Gi3_23763182_x183.....gugggaacacggggugccgaU.....
 1
 Gi2_8278387_x183.....ugggaacacggggugccgaacuu..... 0
 G1a_4660908_x182.....gucgugggaacacggggugccgaacu..... 0
 Gi3_23791973_x181.....Cgaacacggggugccgaac.....
 1

Gi3_23791611_x181.....cUucuguggaacacggggugccgaac.....
 1
 Gi3_23795955_x181.....cguggaacacggggGgccgaacu.....
 1
 G1a_4664176_x181....gaucggagacgucguggaacacggg..... 0
 Gi3_23800118_x181.....cUuggaacacggggugccgaa.....
 1
 Gi5_6597354_x181.....agacgucguggaacacggggugccgaac..... 0
 Gi3_23790706_x181.....uggaacacAgggugccgaacu.....
 1
 Gi3_23809853_x180.....gggaacacggggGgccgaacu.....
 1
 Gi3_23807333_x180.....gaacaUggggugccgaacu.....
 1
 Gi5_6604946_x180.....uggaacacggggugccgaacuA..... 1
 Gi2_8311368_x179.....gggaacacggggugccgaCcu..... 1
 Gi5_6616796_x179cugcgauacggagacgucgA..... 1
 Gi2_8316379_x178.....ggaacacggggugccgCacu..... 1
 Gi3_23843110_x178.....aacacAgggugccgaacu.....
 1
 Gi5_6622500_x178.....cgugggaGcacggggugccgaacu..... 1
 Gi3_23843822_x178.....gggaacacggggugccgaGcu.....
 1
 Gi5_6624636_x178....aucggagacgucguggaacacggggugc..... 0
 Gi3_23836346_x178.....cguggaacacggggugccgGacu.....
 1
 Gi3_23848973_x177.....cguggaacacggggugcAgaacu.....
 1
 Gi1_3077791_x177.....gaacaUggggugccgaacu..... 1
 Gi3_23862248_x177.....cUuggaacacggggugccg.....
 1
 Gi2_8337988_x176.....Ugagacgucguggaacacggggugcc..... 1
 Gi1_3079561_x176.....ucguggaacacggggugc..... 0
 Gi3_23866657_x176.....gggaacGcggggugccgaacu.....
 1
 Gi3_23873169_x176.....guggaacacggggugccgGac.....
 1
 Gi3_23874753_x176.....gaaUacggggugccgaacu.....
 1
 Gi5_6642805_x175.....cguggaacGcggggugccgaacu..... 1
 Gi2_8346057_x175.....cguggaacacAgggugccgaacu..... 1
 Gi5_6641405_x175.....Aaacacggggugccgaacu..... 1
 Gi3_23885102_x175.....cguggaacacggggugccgCac.....
 1
 Gi1_3086232_x175.....Gacacggggugccgaacu..... 1
 Gi2_8343432_x175.....Aggaacacggggugccgaacu..... 1
 Gi2_8348332_x175.....ggagacgucguggaacac..... 0

Gi3_23881427_x175.....gaacacggggGgccgaacu.....
 1
 Gi3_23900640_x174.....aGcggagacgucgugggaacacggggu.....
 1
 Gi3_23905164_x174.....ugggaacacggggugcUgaacu.....
 1
 Gi5_6653442_x174.....aacacggggugccgaGcu..... 1
 Gi1_3091278_x173.....ugggaacacggggugccga..... 0
 Gi5_6661059_x173.....uUggaacacggggugccgaac..... 1
 Gi3_23913853_x173.....cgugggaacacggggugccgaUc.....
 1
 Gi2_8368473_x173.....gugggaaUacggggugccgaacu..... 1
 Gi3_23917659_x173.....gugggaacacggggugAcgaacu.....
 1
 1
 G1a_4693658_x172.....ucgugggaacacggggugccgaacu..... 0
 Gi1_3095076_x172.....ucgugggaacacggggugccga..... 0
 Gi5_6668462_x172.....cCugggaacacggggugccgaacu..... 1
 Gi5_6665194_x172.....gugggaacacAgggugccgaacu..... 1
 Gi3_23936463_x172.....ggagacgucgugggaacacggggugccgaacu.....
 0
 Gi5_6671547_x171.....acgucgugggaacacggggugccgaacA..... 1
 Gi3_23948989_x171.....gucgugggaacacggggugccgaa.....
 0
 Gi2_8386146_x171.....ggGgacgucgugggaacacggg..... 1
 Gi3_23971493_x170.....ucggagacgucgugggaaca.....
 0
 Gi5_6679067_x170.....gaUcacggggugccgaacu..... 1
 G1a_4699299_x170.....gggaacacggggugccgaacA..... 1
 Gi3_23965713_x170.....gaacacggggugUcgaacu.....
 1
 Gi3_23991806_x169.....gagacgucgugggaacacggggugccg.....
 0
 Gi3_23995524_x169.....Gucggagacgucgugggaacacg.....
 1
 Gi3_23993496_x169.....gugggaacNcggggugcc.....
 1
 Gi5_6698334_x168.....gUgaacacggggugccgaac..... 1
 Gi2_8407000_x168.....Uaucggagacgucgugggaacacggggu..... 1
 Gi3_24017819_x167.....ggaacGcggggugccgaacu.....
 1
 Gi2_8414376_x167.....Gacacggggugccgaacu..... 1
 Gi5_6701015_x167.ugcgaucggagacgucguggg..... 0
 Gi2_8417048_x167.....cggGgacgucgugggaacacggg..... 1
 Gi1_3109978_x167.....cgCgggaacacggggugccga..... 1
 Gi3_24023497_x167.....gggaacacggggugccgaCc.....
 1

Gi3_24051496_x165.....gugggaacacggggugccgaacuA.....
 1
 Gi3_24053806_x165.....gugggaacacggggugccgaaAu.....
 1
 Gi5_6725660_x164.....gugggaacacggggugccgCacu..... 1
 Gi2_8455644_x163.....agacgucgugggaacacggggugccg..... 0
 Gi5_6740006_x162.....cgucgugggaacacggggugccga..... 0
 Gi2_8468799_x162.....cUgagacgucgugggaacacggggugcc..... 1
 Gi1_3136516_x161.....aucggagacgucgugggaacacgg..... 0
 Gi1_3133457_x161.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi3_24103978_x161.....acgucgugggaacacggggugccga.....
 0
 Gi3_24103817_x161.....gggaacacgggUugccgaacu.....
 1
 Gi1_3133296_x161.....cgugggaacacggggugccgU..... 1
 Gi3_24120212_x160.....cgugggaacacggggugccgUacu.....
 1
 Gi3_24117172_x160.....agacgucgugggaacacggggugccga.....
 0
 Gi1_3140198_x160.....ucgugggaacacggggugccgaacA..... 1
 Gi3_24128212_x160.....gucgugggaacacggggua.....
 1
 Gi1_3138118_x160.....cgCgggaacacggggugc..... 1
 Gi3_24147800_x159.....gaacacggggAgccgaacu.....
 1
 Gi2_8492525_x159.....cgucgugggaacacggggugccgaa..... 0
 Gi3_24140486_x159.....aacacggggAgccgaacu.....
 1
 Gi2_8496818_x159.....cgugggaacacgUggugccgaacu..... 1
 Gi1_3146551_x158.....ucgugggaacacggggugccg..... 0
 Gi1_3147341_x158.....aucggagacgucgugggaacacggggugc..... 0
 Gi2_8501089_x158.....Uacgucgugggaacacggggugccgaacu..... 1
 Gi3_24155874_x158.....Augggaacacggggugcc.....
 1
 Gi3_24153188_x158.....gugggaacacggggugcUgaac.....
 1
 Gi5_6784945_x157.....gugggaacacggggugccgaCcu..... 1
 Gi2_8512749_x157.....gugggaacNcggggugccgaac..... 1
 Gi3_24173187_x157.....gagacgucgugggaacac.....
 0
 Gi3_24183814_x156.....Agggaacacggggugccgaacu.....
 1
 Gi5_6786980_x156.....aUcacggggugccgaacu..... 1
 Gi3_24179914_x156.....gAgaacacggggugccgaacu.....
 1
 Gi2_8518084_x156.....aacacgggNugccgaacu..... 1
 Gi4_380000_x156.....acgucgugggaacacggggugccgaacu..... 0

Gi2_8525884_x156.....cggGgacgucgugggaaacacggggugcc..... 1
 Gi3_24205432_x155.....ucgugggaNcacggggugccgaacu.....
 1
 Gi3_24212397_x154.....gagacgucgugggaaacacg.....
 0
 Gi3_24221021_x154.....Ugugggaaacacggggugccgaac.....
 1
 Gi3_24221175_x154.....ucggagacgucgugggaaacac.....
 0
 Gi3_24215169_x154.....ucgugUgaacacggggugccgaacu.....
 1
 Gi5_6806050_x154.ugcgaucggagacgucgugggaa..... 0
 Gi3_24218865_x154.....ugggaaacacggggugccAaacu.....
 1
 G1a_4751489_x154....gaucggagacgucgugggaaacacgggg..... 0
 Gi3_24219943_x154.....Uacacggggugccgaacu.....
 1
 Gi5_6811577_x153.....gGcgugggaaacacggggugccgaacu..... 1
 Gi3_24229013_x153.....gggaaacacggggugccgaacuu.....
 0
 Gi3_24241700_x152.....aacacggggugccgCacu.....
 1
 Gi3_24251124_x152.....ggGacacggggugccgaacu.....
 1
 Gi2_8565872_x152....aucggGgacgucgugggaa..... 1
 Gi3_24240636_x152.....gacgucgugggaaacacgg.....
 0
 Gi3_24252340_x152....gaucggagacgucgugggaaaca.....
 0
 Gi1_3172630_x151.....Ggugggaaacacggggugccgaacu..... 1
 Gi3_24287008_x150....gaucggagacgucguggg.....
 0
 Gi3_24285808_x150.....gugggCacacggggugccgaacu.....
 1
 Gi5_6836284_x150.....uGgugggaaacacggggugccgaacu..... 1
 Gi2_8583082_x150....gaucggagacgucgugggaa..... 0
 Gi3_24287758_x150.....Uacgucgugggaaacacggggugccgaac.....
 1
 Gi5_6838384_x150....aucggagacgucgugggaaacacgggg..... 0
 Gi4_383349_x149.....gggaaacacggggugccgaacu..... 0
 Gi3_24302224_x149.....gugggaaacacgggguAccgaac.....
 1
 Gi5_6845857_x149.....gaacacggggCgccgaacu..... 1
 Gi3_24294029_x149.....cgugggaaacCcgggugccgaacu.....
 1
 Gi2_8589668_x149.....cgugAgaacacggggugccgaacu..... 1
 Gi2_8599786_x148.....cgucgugggaaacacggggug..... 0

Gi2_8606742_x148.....gugggaacacggggugUcgaacu..... 1
 Gi3_24311710_x148.....ucgugggaacacggggugccgCacu.....
 1
 Gi5_6860391_x147.....cgucgugggaacacggggugcc..... 0
 Gi2_8617342_x147.....Ggugggaacacggggugccgaac..... 1
 Gi5_6862596_x147.....cAugggaacacggggugccgaacu..... 1
 Gi3_24328247_x147...cgaucggagacgucgugggaacacggggu.....
 0
 Gi2_8622029_x146....aucggagacgucgugggaa..... 0
 Gi3_24349184_x146.....ggaacacggggugccgaGcu.....
 1
 Gi2_8625387_x146.....gugggaacacggggAgccgaacu..... 1
 Gi1_3194131_x145....aucggagacgucgCgggaaca..... 1
 Gi1_3195581_x145....acgucgugggaacacggggugccgaacA..... 1
 Gi5_6877088_x145.....cacggggugccgaacuuu..... 0
 Gi5_6883903_x145....gaucggagacgucgugggaacacgg..... 0
 Gi3_24378003_x144.....ugggGacacggggugccgaac.....
 1
 Gi3_24387219_x144.....ggaGcacggggugccgaac.....
 1
 Gi5_6896006_x143.....ugggGacacggggugccgaacu..... 1
 Gi1_3206809_x143.....gacgucgugggaacacggggugcc..... 0
 Gi2_8680326_x141.....cUugggaacacggggugc..... 1
 Gi2_8679762_x141.....ggaacacggggCgccgaacu..... 1
 Gi3_24437223_x141.....cgugggaacacgggAugccgaacu.....
 1
 Gi3_24440593_x140.....ggaacacggggugccgaGc.....
 1
 Gi3_24447873_x140.....cgugggaacacggggugccgaGc.....
 1
 Gi3_24451933_x140.....gaacacgAggugccgaacu.....
 1
 Gi1_3220917_x140.....gucgugggaacacggggugccgaac..... 0
 Gl1a_4808926_x138....aucggagacgucgugggaacacggggugc..... 0
 Gi3_24474755_x138...cgaucggagacgucgugggaacacggg.....
 0
 Gi3_24481241_x138.....cgugggaacacggggugccgaacuA.....
 1
 Gi1_3228266_x138.....gugggaacacggggugccgaacAu..... 1
 Gi5_6944862_x138.....gacgucgugggaacacggggugccgaac..... 0
 Gi3_24498432_x137.....ggagacgucgugggaaca.....
 0
 Gi2_8720316_x137.....Cgaacacggggugccgaacu..... 1
 Gi3_24493911_x137.....ugggaacacggggugccgGacu.....
 1
 Gi2_8724426_x137.....cgugggaacacggggugcUgaacu..... 1

Gi3_24511564_x136.....gggaacacggggugccgCac.....
 1
 Gi2_8726609_x136.....Uucgugggaacacggggugcc..... 1
 Gi3_24511428_x136.....gCaacacggggugccgaacu.....
 1
 Gi3_24533529_x135.....ugggaacacgggUugccgaacu.....
 1
 Gi3_24532584_x135.....cgAgggaacacggggugccgaac.....
 1
 Gi1_3238370_x135.....gucgugggaacacggggug..... 0
 G1a_4820247_x135....gaucggagacgucguggga..... 0
 Gi3_24546988_x134.....guUggaacacggggugcc.....
 1
 G1a_4823877_x134....gaucggagacgucguggg..... 0
 Gi5_6973574_x134.....agacgucgugggaacacggggugcc..... 0
 Gi5_6974914_x134....aucggagacgucgugggaacac..... 0
 Gi3_24557440_x134cugcgauccgagacgucg.....
 0
 Gi3_24551946_x134.....Cggaacacggggugccgaac.....
 1
 Gi5_6976522_x134....gaucggagacgucgugggaacacggg..... 0
 Gi2_8748554_x134.....gugggaacacggggGgccgaac..... 1
 Gi3_24545112_x134.....Ggucgugggaacacggggugccgaacu.....
 1
 Gi5_6975048_x134.....Uugggaacacggggugccga..... 1
 Gi2_8751502_x134.....ggGgacgucgugggaacacggggug..... 1
 Gi2_8776771_x132.....Augggaacacggggugccgaac..... 1
 Gi2_8774263_x132....ucggGgacgucgugggaa..... 1
 Gi5_6992079_x132.....gugggaacacggggUAccgaacu..... 1
 Gi2_8772811_x132....ucggagacgucgugggaacacggggu..... 0
 Gi1_3251485_x132....gaucggagacgucgugggaacac..... 0
 Gi3_24591938_x132.....gugggaacacggggCgcc.....
 1
 Gi2_8783607_x131....gaucggagacgucgugggaacacgg..... 0
 Gi3_24612667_x131....ucggagacgucgugggaacacgg.....
 0
 Gi2_8782821_x131.....cguAgggaacacggggugccgaacu..... 1
 Gi5_7007422_x130.....aacacggggugccgaacuuu..... 0
 G1a_4837317_x130....aucggagacgucgugggaacacggggug..... 0
 Gi2_8798879_x130.....agacgucgugggaacacggggugccgaac..... 0
 Gi3_24622685_x130.....gugggaacacggggugccgaUcu.....
 1
 Gi3_24630745_x129.....cggagacgucgugggaacacggggugc.....
 0
 Gi5_7021922_x129.....ggaacacgNggugccgaacu..... 1
 Gi3_24632551_x129....Uaucggagacgucgugggaacacg.....
 1

Gi3_24635002_x129.....uCggaacacggggugccga.....
 1
 Gi5_7018439_x129.....cUugggaacacggggugccgaac..... 1
 Gi2_8808449_x129.....gGgggaacacggggugccgaa..... 1
 Gi2_8811029_x129.....cUucgugggaacacggggugcc..... 1
 Gi5_7015988_x129.....uCggaacacggggugccgaacu..... 1
 Gi2_8820644_x128.....cggagacgucgugggaacac..... 0
 Gi2_8815012_x128.....Aaacacggggugccgaacu..... 1
 Gi5_7025917_x128.....Agaacacggggugccgaacu..... 1
 Gi2_8816548_x128.....gGgacgucgugggaacac..... 1
 Gi3_24663904_x128.....agacgucgugggaacacggggugccgaacA.....
 1
 Gi2_8818852_x128.....cgugggaacaUggggugccgaacu..... 1
 Gi3_24672803_x127.....gggaacacgggguAccgaacu.....
 1
 Gi3_24678010_x127..gcgaucggagacgucgug.....
 0
 Gi3_24678899_x127.....gUaacacggggugccgaa.....
 1
 Gi2_8826761_x127..cgaucggagacgucgugga..... 0
 Gi5_7042880_x127.....gacgucgugggaacacggggugccgaacA..... 1
 Gi3_24694912_x126.....gugggaacGcggggugcc.....
 1
 Gi3_24684202_x126.....ucgugggaacacggggCgccgaacu.....
 1
 Gi3_24684454_x126.....Ccugggaacacggggugccgaac.....
 1
 Gi2_8843856_x126.....gugggaacacggggugcAgaacu..... 1
 Gi5_7050449_x126.....ucgugggaacacggggugcc..... 0
 Gi5_7045787_x126.....Uaacacggggugccgaac..... 1
 Gi1_3276686_x126.....gacgucgCgggaacacggggg..... 1
 Gi5_7054093_x125.....Cgggaacacggggugccgaacu..... 1
 Gi2_8860512_x125.....ucggGgacgucgugggaacacggggugc..... 1
 Gi1_3283969_x125.....Ugaacacggggugccgaac..... 1
 Gi2_8852512_x125.....uGgugggaacacggggugccgaacu..... 1
 Gi1_3280844_x125.....cgucgugggaacacggggugccgaacA..... 1
 Gi3_24698053_x125.....gacgucgugggaacacgggg.....
 0
 Gi3_24700053_x125.....acgucgugggaacacggggugccgaa.....
 0
 Gi3_24698928_x125.....cgugggCacacggggugccgaacu.....
 1
 Gi5_7067804_x124.....uAggaacacggggugccgaacu..... 1
 Gi2_8866467_x124...Uaucggagacgucgugggaacacggg..... 1
 Gi5_7063836_x124.....ugggaacGcggggugccgaacu..... 1
 Gi2_8861383_x124.....cgugggaacacAgggugccgaacu..... 1

Gi3_24729310_x124.....ggaacacggggugccgaUc.....
 1
 Gi2_8864235_x124....aucggGgacgucgugggaaacacggggug..... 1
 Gi3_24724102_x124.....cgugggaacacggggAgccgaacu.....
 1
 Gi3_24728070_x124.....ggGacacggggugccgaac.....
 1
 Gi3_24740518_x123.....gucgugggaacacggggugccgCacu.....
 1
 Gi3_24735598_x123.....ugAgaacacggggugccgaacu.....
 1
 Gi3_24741871_x123.....cgucgugggaacacgggggu.....
 0
 Gi5_7080021_x123.....Caacacggggugccgaacu..... 1
 Gi3_24742732_x123.....gCgggaacacggggugccgaa.....
 1
 Gi2_8892035_x122.....ucgugggaacacggggugcc..... 0
 Gi2_8890083_x122.....cgugggaacacggggugccAaacu..... 1
 Gi3_24753393_x122.....gugggaacNcggggugccga.....
 1
 G1a_4867154_x122....aucggagacgucgugggaaacacggggugcc..... 0
 Gi1_3294845_x122.....gaacacggggugccgaacuu..... 0
 Gi5_7086884_x122....gaucggagacgucgugggaaacac..... 0
 Gi5_7087128_x122.....gggaacacggggCgccgaacu..... 1
 G1a_4873352_x121.....gUgaacacggggugccgaacu..... 1
 Gi2_8903927_x121.....gaacacggNgugccgaacu..... 1
 Gi5_7097702_x121.....guggAaacacggggugccgaacu..... 1
 Gi3_24789086_x120.....ggUaacacggggugccgaac.....
 1
 Gi1_3304766_x120.....acgucgCgggaacacggggugc..... 1
 Gi5_7105063_x120.....gugggaacaUggggugccgaacu..... 1
 Gi2_8915106_x120....gaucggGgacgucgugggaa..... 1
 Gi2_8907546_x120.....cgugggaacacggggugUccgaacu..... 1
 Gi3_24802586_x119.....guUgugggaacacggggugccgaacu.....
 1
 Gi5_7119297_x119.....ugggaacacggggCgccgaacu..... 1
 Gi3_24796398_x119.....gCaacacggggugccgaac.....
 1
 Gi3_24801039_x119....Gucggagacgucgugggaaacacgggggu.....
 1
 Gi3_24808060_x119.....gugggaacUcggggugccgaacu.....
 1
 Gi2_8940131_x118.....cgugggaCcacggggugccgaacu..... 1
 Gi5_7127947_x118.....aacGcggggugccgaacu..... 1
 Gi2_8934349_x118.....Ggggaacacggggugccgaac..... 1
 Gi2_8935883_x118.....uUggaacacggggugccga..... 1
 Gi2_8939069_x118....cgaucggagacgucgugggaaacacg..... 0

Gi5_7124171_x118.....cgugggaacacAgggugccgaacu..... 1
 Gi2_8941901_x118.ugcgaucggGgacgucgug..... 1
 Gi5_7124289_x118....gaucggagacgucgugggaacacg..... 0
 Gi5_7126413_x118.....ggUacacggggugccgaacu..... 1
 Gi2_8929511_x118.....gugggaacacggggugccgaaUu..... 1
 Gi1_3312863_x118.....ugggaacacggggugccg..... 0
 Gi3_24828520_x118.....gggaacacggggugccgGacu.....
 1
 Gi3_24840471_x117.....gugggaacaUggggugccgaac.....
 1
 Gi5_7131014_x117.....gugggaacacggggugccAaacu..... 1
 Gi2_8950913_x117.....Uucgugggaacacggggugccgaac..... 1
 Gi2_8954774_x117.....gugggaacacggggugccgaGc..... 1
 Gi3_24839769_x117....aucggagacgucgugggaacacggggug.....
 0
 Gi2_8948690_x117.....Agugggaacacggggugccgaacu..... 1
 Gi2_8944010_x117.....cggagacgucgugggaacacggggug..... 0
 Gi2_8952902_x117.....gUagacgucgugggaacacggggugcc..... 1
 Gi2_8965799_x116.....cUucgugggaacacggggugccg..... 1
 Gi3_24858393_x116.....aacacggggugcUgaacu.....
 1
 Gi3_24854101_x116.....gugggaacacggggugccgaacuu.....
 0
 Gi2_8961159_x116.....gugggUacacggggugccgaacu..... 1
 Gi5_7144314_x116.....ugggaacacggggugccgaacuuu..... 0
 Gi2_8968221_x115.....aaUacggggugccgaacu..... 1
 Gi3_24878460_x115.....cgugggaacUcggggugccgaacu.....
 1
 Gi5_7153437_x115.....gaacacggggugccgaCcu..... 1
 Gi2_8972591_x115.ugcgaucggagacgucgugggaaca..... 0
 Gi3_24877885_x115.....Augggaacacggggugccga.....
 1
 G1a_4893984_x115.ugcgaucggagacgucgu..... 0
 Gi1_3328227_x115.....Aaacacggggugccgaacu..... 1
 Gi3_24896415_x114.....gucgugggaacacggggCgccgaacu.....
 1
 Gi3_24892653_x114....Gucggagacgucgugggaacacggg.....
 1
 Gi5_7167498_x114.....gugggaacacggggugccgGacu..... 1
 Gi2_8985868_x114.....ggaacacggggugccgaGcu..... 1
 Gi3_24894705_x114.....gCgggaacacggggugccga.....
 1
 Gi1_3328686_x114.....cggagacgucgCgggaacacggggugcc..... 1
 Gi3_24905704_x113.....cUucgugggaacacggggugccg.....
 1
 Gi2_8994935_x113.....ggagacgucgugggaacacg..... 0
 Gi5_7174512_x113.....gugggaacacggggugcUgaacu..... 1

Gi2_9000585_x113.....gugggaacacggggugccgUacu..... 1
 G1a_4903123_x113.....gaacacggggugccgaac..... 0
 Gi3_24900732_x113.....uAggaacacggggugccgaac.....
 1
 G1a_4902897_x113.....aucggagacgucgugggaacacg..... 0
 Gi3_24912371_x113.....gagacgucgugggaacacggggugcc.....
 0
 Gi2_9002499_x112.....cgugggaaNacggggugccgaac..... 1
 Gi2_9008435_x112.....Ggacgucgugggaacacggggugcc..... 1
 G1a_4907071_x112.....Augggaacacggggugccgaacu..... 1
 Gi3_24919826_x112.....cgugggaacacggggugccgaCc.....
 1
 Gi3_24935058_x112.....gggaacacggggCgccgaac.....
 1
 Gi2_9002275_x112.....gugggaacacggggugAcgaacu..... 1
 G1a_4913099_x111.....gugggaacacggggugccgaa..... 0
 Gi2_9024915_x111.....cgaucggagacgucgugggaaca..... 0
 Gi3_24952936_x111.....ugggaacaUggggugccgaacu.....
 1
 Gi1_3345459_x111.....ucggagacgucgugggaacacggggugcc..... 0
 Gi5_7192613_x111.....acgucgugggaacacggggugcc..... 0
 Gi1_3345237_x111.....aacacgggNugccgaacu..... 1
 Gi3_24952381_x111.....aacacggggugccAaacu.....
 1
 Gi5_7192724_x111.....cgugggaacacgUggugccgaacu..... 1
 Gi2_9028023_x111.....cUugggaacacggggugccga..... 1
 Gi1_3345348_x111.....gaucggagacgucgCgggaacacgg..... 1
 Gi2_9023361_x111.....gggaacacggggugccgCacu..... 1
 Gi1_3346234_x110.....ugggaacacggggugccgCacu..... 1
 Gi1_3347334_x110.....gaucggagacgucguggg..... 0
 Gi2_9039576_x110.....cgucgugggaacacggggugccgaacA..... 1
 Gi3_24965812_x110.....ugUgaacacggggugccgaac.....
 1
 Gi2_9042956_x109.....gugggaacacggggugccgaaAu..... 1
 Gi2_9039686_x109.....ggUacacggggugccgaac..... 1
 Gi2_9051458_x109.....cgaucggagacgucgugggaacacggggug..... 0
 Gi1_3354560_x109.....gugggaacNcggggugccgaacu..... 1
 Gi3_24977738_x109.....gucgugggaacacggggug.....
 0
 Gi3_24984387_x109.....gugggaacaAggggugccgaacu.....
 1
 Gi1_3356292_x108.....Cgggaacacggggugccga..... 1
 Gi3_24998367_x108.....ggagacgucgugggaacacggggugccgaac.....
 0
 Gi3_24996855_x108.....aUacgucgugggaacacggggugccgaacu.....
 1
 Gi5_7214765_x108.....ugggaacacggggugccgaGcu..... 1

Gi2_9060966_x108.....gugggaacacggggCgccgaac..... 1
 Gi3_24996639_x108.....cgugggGacacggggugccgaac.....
 1
 Gi3_24999015_x108.....ggagacgucgugggaacacgg.....
 0
 G1a_4927650_x108.....cgucgugggaacacggggugccgaacu..... 0
 Gi1_3360376_x107.....Augggaacacggggugccgaacu..... 1
 Gi2_9063875_x107.....acgucgugggaacacggg..... 0
 Gi3_25006346_x107.....ggaacacggggugccgGacu.....
 1
 Gi5_7228130_x107.....gggaacacggggugccgaCcu..... 1
 G1a_4931723_x107.....aucggagacgucgugggaacacgg..... 0
 Gi2_9074254_x107.....gugggGacacggggugccgaac..... 1
 Gi5_7230912_x107.....cgugggaacacggggugccg..... 0
 Gi5_7243890_x106.....Uacgucgugggaacacggggugccgaacu..... 1
 Gi3_25026846_x106.....cggagacgucgugggaacacgg.....
 0
 G1a_4935758_x106.....aucggagacgucgugggaa..... 0
 Gi2_9084648_x106.....ggagacgucgugggaacacggggugccg..... 0
 Gi1_3368784_x106.....ggaacacggggugccgaa..... 0
 Gi3_25038824_x106.....ggaacGcggggugccgaac.....
 1
 Gi2_9083588_x106.....gacgucgugggaacacggg..... 0
 Gi3_25032570_x106.....gaucggagacgucguggga.....
 0
 Gi3_25049656_x105.....Cgggaacacggggugccgaac.....
 1
 Gi5_7254194_x105.....cgucgugggaacacggggugccgaa..... 0
 Gi2_9104349_x104.....ggaacacggggugccgGacu..... 1
 Gi3_25070429_x104.....gCgggaacacggggugcc.....
 1
 Gi3_25073965_x104.....gggaacacggggugccgaGc.....
 1
 Gi2_9107781_x104.....gCgggaacacggggugccgaac..... 1
 Gi5_7256497_x104.....gaacGcggggugccgaacu..... 1
 Gi3_25075837_x104.....ugggaacacggggCgccgaac.....
 1
 Gi5_7257745_x104.....Aggaacacggggugccgaacu..... 1
 Gi5_7260761_x104.....Uugggaacacggggugcc..... 1
 Gi2_9101229_x104.....cgugggaacacgggguAccgaacu..... 1
 Gi3_25063253_x104.....cgugggaacacggggugAcgaacu.....
 1
 Gi5_7273479_x103.....gugggaacacggUgugccgaacu..... 1
 Gi3_25090890_x103.....cgauccgagacgucgugggaacacgg.....
 0
 Gi5_7268432_x103.....aacacggggugccgGacu..... 1
 Gi5_7271213_x103.....gggaacacNgggugccgaacu..... 1

Gi1_3379019_x103.....gggaacacggggugccgaac..... 0
 Gi1_3381182_x103.....cgucgugggaacacggggugccgaac..... 0
 Gi2_9118409_x103.....ggaacacgNggugccgaac..... 1
 Gi2_9116040_x103.....gugggaacacgggAugccgaacu..... 1
 Gi5_7270286_x103.....gaacacggggugccgaGcu..... 1
 Gi4_416893_x103.....aacacggggugccgaacu..... 0
 Gi5_7266372_x103.....aucggagacgucgugggaaca..... 0
 Gi2_9124845_x102.....gugggaacacggggGgcc..... 1
 Gi2_9128415_x102.....Cugggaacacggggugccgaac..... 1
 Gi3_25101257_x102.....Uucgugggaacacggggugcc..... 1
 1
 Gi2_9130047_x102.....cgugggaacacggggugccgaaAu..... 1
 Gi2_9129129_x102.....ucggagacgucgugggaacacggg..... 0
 Gi2_9124437_x102...cgaucggGgacgucgugggaaca..... 1
 Gi2_9123621_x102.....cguggAaacacggggugccgaacu..... 1
 Gi2_9121173_x102.....acgucgugggaacacggggugccg..... 0
 Gi5_7286260_x102.....cgugggaCcacggggugccgaacu..... 1
 Gi5_7286464_x102.....cgugggaacacggggugccAaacu..... 1
 Gi3_25120798_x101.....cgugggaGcacggggugccgaac..... 1
 1
 Gi1_3390755_x101.....acgucgCgggaacacggggugccga..... 1
 Gi5_7290816_x101.....ugggaGcacggggugccgaacu..... 1
 Gi5_7296876_x101.....aUacgucgugggaacacggggugccgaacu..... 1
 Gi1_3393764_x100.....gacgucgCgggaacacggggugcc..... 1
 Gi2_9146674_x100.....uAggaacacggggugccgaacu..... 1
 Gi2_9149174_x100.....gugggaacGcggggugccgaac..... 1
 Gi2_9143574_x100...Uaucggagacgucgugggaacac..... 1
 Gi1_3394164_x100.....aaUacggggugccgaacu..... 1
 Gi1_3395764_x100.....ugggaacaNggggugccgaacu..... 1
 Gi2_9153574_x100.....ggagacgucgugggaacacggggu..... 0
 Gi3_25138926_x100.....gaacacgggAugccgaacu..... 1
 1
 Gi2_9153174_x100...cgaucggagacgucgugggaacacggggugc..... 0
 Gi1_3395564_x100.....ucggagacgucgugggaacacggg..... 0
 Gi3_25137826_x100.....ugggaacGcggggugccgaac..... 1
 1
 Gi3_25138426_x100.....gugggaacacgAggugccgaac..... 1
 1
 Gi2_9165462_x99.....gGgacgucgugggaacacggggu..... 1
 Gi5_7313342_x99.....gUaacacggggugccgaac..... 1
 Gi3_25150716_x99.....ggaacacggggugccgGac..... 1
 Gi2_9164670_x99.....Uacgucgugggaacacggggugcc..... 1
 Gi2_9158928_x99.....ggaacGcggggugccgaacu..... 1
 Gi5_7316708_x99.....cgugggaacacggggugcUgaacu..... 1
 Gi1_3398052_x99.....uGgugggaacacggggugccgaacu..... 1
 Gi3_25160022_x99.....ugggaacacggggugccgaCcu..... 1
 GlA_4964772_x99.....ggagacgucgugggaacacggggugcc..... 0

Gi1_3396864_x99.....aucggagacgucgugggaaacacgggg.....	0
Gi2_9161106_x99.....cggGgacgucgugggaaaca.....	1
Gi1_3399141_x99.....gaacacggNgugccgaacu.....	1
Gl1a_4969722_x99.....gggaacacggggugccgaa.....	0
Gi3_25183907_x98....Caucggagacgucgugggaaacacgggg.....	1
Gi2_9171642_x98....aucggGgacgucgugggaaacacgggg.....	1
Gi2_9178306_x98..gcgauccgagacgucgugggaaacac.....	0
Gi2_9170368_x98..gcgauccgagacgucgugggaa.....	0
Gi3_25181163_x98.....aacacggggGgccgaacu.....	1
Gi5_7321534_x98.....ugUgaacacggggugccgaacu.....	1
Gi2_9168996_x98.ugcgauccgagacgucgugggaaacacg.....	0
Gi5_7324670_x98.....aacacggggAgccgaacu.....	1
Gi2_9188024_x97.....aacacggggCgccgaacu.....	1
Gi1_3409604_x97.....cggagacgucgugggaaacacggggugc.....	0
Gi5_7329464_x97.....acgucgugggaaacacggggugccg.....	0
Gi3_25197979_x97.....uCggaacacggggugccgaac.....	1
Gi3_25184787_x97.....cgucgugggaaacacggggGgccgaacu.....	1
Gi2_9182592_x97.....aUacgucgugggaaacacggggugcc.....	1
Gi2_9181428_x97.....Gcgugggaaacacggggugccgaac.....	1
Gi3_25202800_x96.....ggaacacggggGgccgaacu.....	1
Gi2_9194393_x96.....gggaGcacggggugccgaacu.....	1
Gi2_9196025_x96.....Ugagacgucgugggaaacacggggugc.....	1
Gi3_25200688_x96.....gucgugggaaacacggggGgccgaacu.....	1
Gi2_9199769_x96.....gaacacggggCgccgaacu.....	1
Gi3_25216144_x96.....Ggggaacacggggugccg.....	1
Gi3_25206736_x96.....gggaacacAgggugccgaacu.....	1
Gi3_25234974_x95.....gucgCgggaacacggggugccgaac.....	1
Gi3_25229369_x95.....gucgugggNacacggggugccgaacu.....	1
Gi3_25234214_x95.....cgucgugggaaacacggggug.....	0
Gi3_25219299_x95.....cUgagacgucgugggaaacacggggugcc.....	1
Gi2_9206376_x95.....ugggaGcacggggugccgaacu.....	1
Gi2_9214736_x95.....Cggaacacggggugccgaacu.....	1
Gi2_9213786_x95.....gggaacacggggCgccgaacu.....	1
Gi2_9206281_x95.ugcgauccgagacgucgugggaa.....	0
Gi5_7358901_x95.....aacacAgggugccgaacu.....	1
Gi5_7355196_x95.....Uugggaacacggggugccgaa.....	1
Gi5_7357951_x95.....cgugAgaacacggggugccgaacu.....	1
Gi1_3419378_x95.....agacgucgugggaaacacggg.....	0
Gi3_25221199_x95.....ugggaacacggggugcAgaacu.....	1
Gi2_9221041_x94.....ucgugggaaacacggggCgccgaacu.....	1
Gi2_9217375_x94.....cUugggaacacggggugccgaa.....	1
Gi1_3422035_x94.....gagacgucgugggaaacacggggugcc.....	0
Gi2_9220665_x94.....agacgucgugggaaacacggggug.....	0
Gi1_3426829_x94.....gagacgucgCgggaacacggggugccgaacu.....	1
Gi3_25247675_x94.....Gcgucgugggaaacacggggugccgaacu.....	1
Gi3_25236959_x94.....agacgucgugggaaacacgggg.....	0
Gi5_7371216_x94.....gugggaacacgAgggugccgaacu.....	1

Gi2_9222733_x94.....cgagacgucgugggaacacg.....	0
Gi3_25247017_x94...Uaucggagacgucgugggaacac.....	1
Gi3_25246547_x94.....ucggagacgucgugggaacacggggugc.....	0
Gi1_3425983_x94.....ggagacgucgCgggaacacggggugcc.....	1
Gi3_25247111_x94.....Augggaacacggggugccg.....	1
Gi5_7368396_x94.....ucgugggaacacggggugccgaacA.....	1
Gi1a_4994118_x94.....ucgugggaacacggggugccgaac.....	0
Gi1_3424573_x94.....Uugggaacacggggugcc.....	1
Gi5_7363978_x94.....acuuucccagcgccugcugcccacc.....	0
Gi2_9232069_x93.....acgucgugggaacacggggu.....	0
Gi3_25272301_x93.ugcgaucggagacgucgugggaaca.....	0
Gi2_9231046_x93.....Ggacgucgugggaacacg.....	1
Gi3_25257700_x93.....ugggaacacggggugUcgaacu.....	1
Gi3_25256770_x93.....gugAgaacacggggugccgaac.....	1
Gi3_25271743_x93.....ugggaacCcgggugccgaacu.....	1
Gi3_25269604_x93.....guggAaacacggggugccgaac.....	1
Gi2_9231976_x93...Uaucggagacgucguggga.....	1
Gi1a_4994959_x93.....gugggaacNcggggugccgaacu.....	1
Gi5_7371404_x93.....gugggaacacggAgugccgaacu.....	1
Gi1_3430649_x93.....gucgCgggaacacggggugccg.....	1
Gi3_25273603_x93.....ggaacacAgggugccgaacu.....	1
Gi5_7377542_x93.....gugAgaacacggggugccgaacu.....	1
Gi2_9232999_x93.ugcgaucggGgacgucguggga.....	1
Gi1_3427673_x93.....cgugggaaNacggggugccgaacu.....	1
Gi2_9243532_x92.....gaUcacggggugccgaacu.....	1
Gi2_9244360_x92.....ucgugggaNcacggggugccgaacu.....	1
Gi4_428363_x92.....Uugggaacacggggugccgaacu.....	1
Gi3_25282163_x92.....cgucgugggaacacggggGgcc.....	1
Gi3_25281059_x92.....uUgugggaacacggggugccgaacu.....	1
Gi3_25284279_x92.....Ugagacgucgugggaacacggggugcc.....	1
Gi3_25282807_x92.....gaacacggggugccgaaUu.....	1
Gi5_7387252_x92.....acgucgugggaacacggggugccga.....	0
Gi3_25278943_x92.....ugggaGcacggggugccgaac.....	1
Gi3_25274987_x92.....gaacacggggugcAgaacu.....	1
Gi3_25296293_x91.....cgugggaacacggggCgccgaac.....	1
Gi3_25293836_x91.....Ggugggaacacggggugcc.....	1
Gi2_9251791_x91...aGcggagacgucgugggaacacggggu.....	1
Gi3_25321823_x90.....gugNgaacacggggugccgaacu.....	1
Gi3_25320023_x90.....ggagacgucgugggaacacggg.....	0
Gi3_25313003_x90...aucggagacgucgugggaGcacg.....	1
Gi1_3445729_x90.ugcgaucggagacgucguggga.....	0
Gi2_9265567_x90.....ugggGacacggggugccgaacu.....	1
Gi2_9267187_x90.....ggUaacacggggugccgaacu.....	1
Gi3_25323173_x90.....ucgugggGacacggggugccgaacu.....	1
Gi1a_5013689_x90.....Cggaacacggggugccgaacu.....	1
Gi1_3447520_x89.....cgugggaacacggggugccgaa.....	0
Gi3_25333452_x89.....gugggaacacUgggugccgaacu.....	1

Gi5_7421987_x89.....gugggaacacggggugccgaacuuu.....	0
Gi3_25338970_x89.....cgugggaacacggggugA.....	1
Gi5_7421364_x89.....Cucgugggaacacggggugccgaacu.....	1
Gi3_25337101_x89.....Uggaacacggggugccga.....	1
Gi1_3451970_x89.....gugggaacacggggGgccgaacu.....	1
Gi2_9273474_x89.....ugggaacacggggCgccgaacu.....	1
Gi1_3450457_x89.....aacacgggguAccgaacu.....	1
Gi1_3446719_x89.....agacgucgugggaacacggggugcc.....	0
Gi3_25359192_x88.....cAugggaacacggggugccgaac.....	1
Gi3_25352504_x88.....acgucgugggaacacggggugc.....	0
Gi2_9286871_x88.....gugggaacCggggugccgaac.....	1
Gi5_7432146_x88.....cgugggaacacggggGgccgaacu.....	1
Gi3_25351360_x88.....aacacgggguAccgaacu.....	1
Gi3_25346872_x88.....ugggaacacggggugccgaGc.....	1
Gi2_9291447_x88.....gugggaCcacggggugccgaacu.....	1
Gi2_9295143_x88.....guUggaacacggggugccgaac.....	1
Gi3_25351976_x88.....ggagacgucgugggaacacggggugccgaa.....	0
Gi3_25356288_x88.....ucgugggaGcacggggugccgaacu.....	1
Gi5_7430474_x88.....agacgucgugggaacacggggugc.....	0
Gi2_9291623_x88.....Augggaacacggggugcc.....	1
Gi3_25371579_x87.....gaacUcggggugccgaacu.....	1
Gi5_7439164_x87.....gaacacggggugccgaacuuucU.....	1
Gi3_25377060_x87.....Ggugggaacacggggugccga.....	1
Gi2_9298103_x87.....ggaacacggggCgccgaac.....	1
Gi3_25372362_x87.....gugggaacacggUgugccgaac.....	1
Gi3_25363836_x87.....ggaacacggggugccgGac.....	1
Gi3_25372623_x87.....ucgugggaacGcggggugccgaacu.....	1
Gi5_7444123_x87.....gagacgucgugggaacacg.....	0
Gi3_25384912_x86.....gucgugggaacacggggugccgaCcu.....	1
Gi5_7456308_x86.....Uggaacacggggugccgaa.....	1
Gi3_25384740_x86.....gugggaacacggggGgccga.....	1
Gi3_25394114_x86.....gaacacggggugccgaUcu.....	1
Gi5_7453470_x86.....gugggaaUacggggugccgaacu.....	1
Gi3_25382074_x86.....uGgugggaacacacggggugccgaac.....	1
Gi1_3465497_x86.....gaacacggggCgccgaacu.....	1
Gi5_7453212_x86.....Cgaacacggggugccgaacu.....	1
Gi5_7457254_x86.....cCucgugggaacacggggugccgaacu.....	1
Gi4_433136_x86.....ugggaacacgggUugccgaacu.....	1
Gi1_3470793_x85.....aacacggggCgccgaacu.....	1
Gi3_25410877_x85.....gaucggagacgucgugggaacacggggug.....	0
Gi5_7472510_x85.....gaGcacggggugccgaacu.....	1
Gi3_25402122_x85.....aGgucgugggaacacggggugccgaacu.....	1
Gi3_25396342_x85.....aucggagacgucgugggaac.....	0
Gi3_25404247_x85.....gcgaucggagacgucguggga.....	0
Gi2_9321799_x85.....guUgugggaacacggggugccgaacu.....	1
Gi3_25399912_x85.....guggUaacacggggugcc.....	1
Gi3_25407137_x85.....aucggagacgucgugggaGcacggggu.....	1

Gi3_25417891_x84.....cgucgugggaacacggggugccgCacu..... 1
Gi5_7477056_x84.....ucgugggaacacggggCgccgaacu..... 1
Gi2_9331229_x84cugcgauccggGgacgucgug..... 1
Gi1_3475179_x84.....Uugggaacacggggugccgaac..... 1
Gi5_7474284_x84.....ucgugggaacacggggugccgCacu..... 1
G1a_5041751_x84....gaucggagacgucgugggaa..... 0
Gi3_25428055_x84.....gugggaaUacggggugccgaac..... 1
Gi3_25429651_x84.....ucgCgggaacacggggugccgaacu..... 1
Gi2_9344555_x83....aGcggagacgucgugggaacacggggugc..... 1
G1a_5047024_x83.....Ggggaacacggggugccgaacu..... 1
Gi5_7491665_x83.....ucgugggaNcacggggugccgaacu..... 1
Gi1_3482014_x83.....gugggGacacggggugccgaacu..... 1
Gi2_9350282_x83.....ugggaacacggggugccgaGcu..... 1
Gi2_9351195_x83.....gagacgucgugggaacacggggugccgaacu..... 0
Gi2_9347958_x83....gaucggGgacgucgugggaacacgggg..... 1
Gi3_25450627_x82.....guUggaacacggggugccga..... 1
Gi4_436403_x82.....cgucgugggaacacggggugccga..... 0
Gi2_9361804_x82.....gaacacggggugccgaCcu..... 1
Gi1_3482427_x82.....gagacgucgCgggaacacgg..... 1
Gi2_9362214_x82.....gugggaacacggggugccgaUc..... 1
Gi1_3486937_x82....agacgucgCgggaacacggggugccgaacu..... 1
Gi3_25467581_x81....aucggagaNgucgugggaacacg..... 1
Gi5_7512478_x81.....gugggaaAacggggugccgaacu..... 1
Gi3_25476977_x81.....aacacgAgugccgaacu..... 1
Gi2_9371211_x81.....gugggaGcacggggugccgaac..... 1
Gi3_25466933_x81.....gggaacacggggugccgaUc..... 1
Gi2_9374694_x81....gaucggGgacgucgugggaacacggg..... 1
Gi3_25483295_x81.....aacacgAggugccgaacu..... 1
Gi3_25470578_x81.....gggaacacggggugcUgaacu..... 1
Gi4_437222_x81....agacgucgugggaacacggggugcc..... 0
Gi2_9364731_x81.....gggaacGcggggugccgaacu..... 1
Gi2_9364812_x81.....ggaacacggggugccgCac..... 1
Gi3_25479002_x81.....cgugUgaacacggggugccgaac..... 1
Gi2_9364002_x81.....guUggaacacggggugcc..... 1
Gi2_9381419_x80.....gugggCacacggggugccgaacu..... 1
Gi3_25490776_x80.....aacaUggggugccgaacu..... 1
Gi2_9379179_x80.....gggGacacggggugccgaacu..... 1
Gi3_25500536_x80.....gGacacggggugccgaac..... 1
Gi2_9378139_x80.....gggaacacggggGgccgaacu..... 1
Gi2_9384619_x80.....uUggaacacggggugccg..... 1
Gi3_25500296_x80.....gAaacacggggugccgaac..... 1
Gi3_25489096_x80.....cUucgugggaacacggggugccga..... 1
Gi3_25489336_x80.....gugggaacacggggugUcgaac..... 1
Gi3_25512507_x79.....acgucgugNgaacacggggugccgaacu..... 1
Gi3_25506898_x79.....cgucguggNaacacggggugccgaacu..... 1
Gi2_9397844_x79....gaacGcggggugccgaacu..... 1
Gi3_25513613_x79.....gugggaacCggggugcc..... 1

Gi2_9389944_x79.....ggGacacggggugccgaacu..... 1
Gi3_25512349_x79.....gAgaacacggggugccgaac..... 1
Gi2_9393894_x79.....gugggaacNcggggugcc..... 1
Gi5_7539703_x79.....cgugggaacacgAggugccgaacu..... 1
Gi3_25507372_x79.....gugggaacGcggggugccga..... 1
Gi1_3498694_x79.....Uacgucgugggaacacggggugccgaacu..... 1
Gi3_25525520_x78.....Ccgugggaacacggggugccgaacu..... 1
Gi3_25535192_x78.....ucgugggaacacggggugccgaGcu..... 1
G1a_5071192_x78.....Uugggaacacggggugcc..... 1
G1a_5074078_x78.....acgucgugggaacacgggggu..... 0
Gi3_25528718_x78.ugcgaucggagacgucguggga..... 0
Gi2_9401361_x78.....Uaucggagacgucgugggaacacggggugc..... 1
Gi3_25539716_x78.....ugggaacacggggAgccgaacu..... 1
Gi3_25527470_x78.....gugggaacacggggugccUaacu..... 1
G1a_5079871_x77.....Uaacacggggugccgaacu..... 1
Gi3_25556055_x77.....gCcgugggaacacggggugccgaacu..... 1
Gi5_7560654_x77.....gacgucgugggaacacggggugccg..... 0
Gi3_25548201_x77.....aUgucgugggaacacggggugccgaacu..... 1
Gi3_25541733_x77.....gacgucgugggaacacggggugcA..... 1
Gi3_25544813_x77.....aacacggggugUcgaacu..... 1
Gi5_7553801_x77.....ggaacacggggCgccgaacu..... 1
Gi5_7554802_x77.....cguggAaacacggggugccgaacu..... 1
Gi3_25549510_x77.....cUgagacgucgugggaacacgggggu..... 1
Gi1_3507836_x77.....cgCgggaacacggggugccgaa..... 1
Gi2_9428745_x76.....ucgugggaacacggggugccgCacu..... 1
G1a_5082764_x76.....gucgugggaacacggggugccgaac..... 0
Gi1_3511838_x76.....gUaacacggggugccgaac..... 1
Gi3_25562022_x76.....Cugggaacacggggugccga..... 1
Gi3_25559438_x76.....gugggGacacggggugccga..... 1
Gi3_25570306_x76.....gugggaacacggggAgccgaac..... 1
Gi3_25595160_x75.....aucggagaNgucgugggaacacgggggu..... 1
Gi2_9449107_x75.....gugggaUcacggggugccgaacu..... 1
Gi1_3520608_x75.....gaUcacggggugccgaacu..... 1
Gi3_25589910_x75.....aacacggggugccgaCcu..... 1
Gi3_25579485_x75.....ucgugggaacacggggugccAaacu..... 1
Gi5_7574746_x75.....gUaacacggggugccgaacu..... 1
Gi2_9443707_x75.....gCaacacggggugccgaacu..... 1
Gi3_25584885_x75.....ugAgaacacggggugccgaac..... 1
Gi3_25597260_x75.....gugggaacacggggGgccgaa..... 1
Gi1_3517983_x75.....agacgucgugggaacacggggugccg..... 0
Gi1_3519858_x75.....aacacggggugccgaGcu..... 1
Gi1_3518658_x75.....ucgugggaacacggggCgccgaacu..... 1
Gi3_25587960_x75.....ugggaacacggggugccgaUc..... 1
Gi1_3520533_x75.....cggagacgucgugggaacacggg..... 0
Gi2_9442132_x75.....cggagacgucgugggaaca..... 0
Gi3_25593285_x75.....auUggagacgucgugggaacacggg..... 1
Gi3_25607927_x74.....gaacCcgggugccgaacu..... 1

Gi3_25608963_x74.....aGcggagacgucgugggaacacgg..... 1
Gi2_9451341_x74.....gGgacgucgugggaacacg..... 1
Gi3_25606669_x74.....gucgugggaacacgggguCccgaac..... 1
Gi2_9460887_x74.....cgugggaacacggggGgccgaacu..... 1
Gi3_25603265_x74.....aacacggggugccgaaUu..... 1
Gi5_7593762_x74.....Ggucgugggaacacggggugccgaacu..... 1
Gi2_9451563_x74.....Uaucggagacgucgugggaacacg..... 1
Gi3_25615919_x74.....ggaacacggggugcUgaacu..... 1
Gi3_25599195_x74.....gucgugggaacacggggu..... 0
Gi5_7585918_x74.....aacacggggugccgCacu..... 1
Gi3_25604893_x74.....gucgugggaacacggggugccg..... 0
Gi1_3522761_x74.....gugggaacacggggCgccgaacu..... 1
Gi1a_5093585_x74.....ggaacacggggugccAaacu..... 1
Gi3_25629084_x73.....ggaacacggggGgccgaac..... 1
Gi2_9470180_x73.....ucggagacgucgugggaac..... 0
Gi5_7600092_x73.....gucgugggaacacggggugccgaa..... 0
Gi3_25629157_x73.....Ggucgugggaacacggggugcc..... 1
Gi5_7598997_x73.....Uacacggggugccgaacu..... 1
Gi5_7604253_x73.....acacggggugccgaacuuu..... 0
Gi2_9470910_x73.....gacgucgugggaacacgg..... 0
Gi4_447562_x72.....gugggaacacggggugccgaac..... 0
Gi3_25646226_x72.....gUagacgucgugggaacacggggugcc..... 1
Gi3_25644570_x72.....cgugggaacacggggugccgaUcu..... 1
Gi5_7609773_x72.....gugggaacacgggAugccgaacu..... 1
Gi3_25641042_x72.....ugggaacacggggugccgGac..... 1
Gi2_9475535_x72.....gugggaacacggggugccAaac..... 1
Gi3_25635354_x72.....gugggaacNcggggugccgaa..... 1
Gi5_7618701_x72.....ucgugggaacacggggugccgaGcu..... 1
Gi3_25646514_x72.....gucgugggaacGcggggugccgaacu..... 1
Gi5_7611069_x72.....gugggaacacggggugUcgaacu..... 1
Gi3_25642554_x72.....gCgaacacggggugccgaac..... 1
Gi5_7614669_x72.....Agggaacacggggugccgaacu..... 1
Gi5_7615317_x72.....cggagacgucgugggaacacggggugcc..... 0
Gi3_25647594_x72.....Uucgugggaacacggggugccga..... 1
Gi2_9477263_x72.....gugggaacacggggCgcc..... 1
Gi3_25665576_x71.....gaacacggggugccgUacu..... 1
Gi3_25658263_x71.....cgugggaacGcggggugccgaac..... 1
Gi2_9493461_x71..gcgaucggGgacgucgugggaaca..... 1
Gi5_7629997_x71.....cgugggaacacggggugccgaaAu..... 1
Gi5_7630494_x71.....ggaacacggggugccgCacu..... 1
Gi3_25669410_x71.....gugggaacCcgggugccga..... 1
Gi1_3537261_x71.....cggagacgucgCgggaacacgg..... 1
Gi2_9489840_x71.....cgugggaacacggAgugccgaacu..... 1
Gi3_25659115_x71.....gggaacGcggggugccgaac..... 1
Gi5_7620483_x71.....cgugggaacaUggggugccgaacu..... 1
Gi3_25661742_x71.....gggaGcacggggugccgaac..... 1
Gi2_9497541_x70.....gucgugggaacacggggCgccgaacu..... 1

Gi3_25679880_x70.....gugggaacacggCgugccgaacu..... 1
Gi3_25674630_x70.....gugggaacacggggugcAgaac..... 1
Gi2_9504331_x70.....Ggacgucgugggaacacggggugc..... 1
Gi1_3541156_x70.....agacgucgugggaacacgggg..... 0
Gi3_25680930_x70.....gacgucgugggaacacggggugcc..... 0
Gi3_25676660_x70.....cgucgugggaacacggggCgccgaacu..... 1
G1a_5116682_x70.....ucggagacgucgugggaacacggg..... 0
Gi3_25686670_x70.....ugggaacacggggGgccgaacu..... 1
Gi5_7635978_x70.....Cggaacacggggugccgaacu..... 1
Gi2_9512021_x69.....ugUgaacacggggugccgaacu..... 1
Gi2_9510917_x69.....gggaacacggggugccgaGcu..... 1
Gi2_9516368_x69.....gucgugggaacacggggGgccgaacu..... 1
Gi3_25696669_x69.....Ugagacgucgugggaacacggggu..... 1
Gi3_25706950_x69.....ggaacacAgggugccgaac..... 1
Gi3_25702051_x69.....gggaacaUggggugccgaacu..... 1
Gi3_25697428_x69.....cCugggaacacggggugccgaac..... 1
Gi4_449333_x69.....gucgugggaacacggggugccgaacu..... 0
Gi3_25691494_x69.....guggCaacacggggugccgaacu..... 1
Gi2_9510503_x69.....Ggucgugggaacacggggugccgaacu..... 1
Gi3_25696324_x69.....gugggaacNcggggugccg..... 1
Gi1_3548742_x69.....ggagacgucgugggaacacggggugccgaacu..... 0
G1a_5120665_x69.....gugggaacacggggGgccgaacu..... 1
Gi3_25697704_x69.....gaacacggggugccgaaAu..... 1
Gi3_25711935_x68.....ugggaacaNggggugccga..... 1
Gi3_25710507_x68.....gggaaUacggggugccgaacu..... 1
Gi2_9529720_x68.....Gucggagacgucgugggaacacggggu..... 1
Gi3_25719415_x68.....gugggUaacacggggugccgaac..... 1
Gi3_25721455_x68.....cUucgugggaacacggggugc..... 1
Gi2_9530400_x68.....cgugggaacacggggugcAgaacu..... 1
Gi5_7660727_x68.....Agugggaacacggggugccgaacu..... 1
Gi2_9519044_x68.....ugggaacGcggggugccgaacu..... 1
Gi3_25725603_x68.....gugggaacacggggCgccga..... 1
Gi3_25715267_x68.....ucgugggaacacggggug..... 0
Gi3_25710779_x68.....uUggagacgucgugggaacacggggu..... 1
Gi3_25715063_x68.....ugggaacacgAgggugccgaacu..... 1
Gi2_9519316_x68.....ucgugggaacacggggugccgaaA..... 1
Gi2_9532818_x67.....ugggaacacggggugccgaGc..... 1
Gi2_9539451_x67.....ucggGgacgucgugggaacacggggugcc..... 1
Gi5_7670748_x67.....ggUaacacggggugccgaacu..... 1
Gi2_9538580_x67.....gugggaacacggggUaccgaac..... 1
Gi2_9535163_x67.....Cgggaacacggggugccgaacu..... 1
Gi3_25731724_x67.....aucggagacgucgugggaacacggggC..... 1
Gi5_7674902_x67.....gaacacggggugccgCacu..... 1
Gi2_9532148_x67.....Ugaacacggggugccgaa..... 1
Gi1_3559565_x67.....gggaacacNgggugccgaacu..... 1
Gi3_25736079_x67.....ugggaacaNggggugccgaa..... 1
Gi5_7672892_x67.....aacacggggugccAaacu..... 1

Gi3_25738223_x67.....Augggaacacggggugccgaa..... 1
 Gi3_25741104_x67.....ugggUacacggggugccgaacu..... 1
 Gi3_25734806_x67.....guAgggaacacggggugcc..... 1
 Gi3_25747579_x66.....Uacgucgugggaacacggg..... 1
 Gi2_9556025_x66.....guggUaacacggggugccgaac..... 1
 Gi3_25746787_x66.....ucgugggaNcacggggugccgaac..... 1
 Gi2_9553847_x66.....Caacacggggugccgaacu..... 1
 Gi2_9545267_x66.....Uggaacacggggugccgaa..... 1
 Gi3_25752925_x66.....Uaucggagacgucgugggaacacggg..... 1
 Gi3_25747711_x66.....aucggagacgucgugggaCcacg..... 1
 Gi5_7682218_x66.....Uugggaacacggggugccg..... 1
 Gi3_25755235_x66.....auUgggagacgucgugggaacacg..... 1
 Gi2_9550151_x66.....cggGgacgucgugggaacacggggug..... 1
 Gi5_7703566_x65.....cggagacgucgugggaacacgg..... 0
 Gi3_25772287_x65.....gggaacacggggGgccgaac..... 1
 Gl1a_5147067_x65.....acgucgugggaacacggggugccgaacu..... 0
 Gi3_25766567_x65.....gggaacacggggugccAaacu..... 1
 Gi5_7701811_x65.....cgugggaacacggggugUcgaacu..... 1
 Gi3_25774692_x65.....gugggaacacggggUacc..... 1
 Gi3_25773977_x65.....gggGacacggggugccgaac..... 1
 Gi2_9560261_x65.....cgugggaacacggggugccgaaUu..... 1
 Gi3_25788187_x64.....gugggaaAacggggugccgaac..... 1
 Gi1_3571752_x64.....Cugggaacacggggugccgaacu..... 1
 Gi3_25797659_x64.....ggaacacgAggugccgaacu..... 1
 Gi3_25796443_x64.....aGcggagacgucgugggaacacggg..... 1
 Gi3_25783963_x64.....Gucggagacgucgugggaacacgg..... 1
 Gi3_25783259_x64.....aucggagaNgucgugggaacacggg..... 1
 Gi2_9574073_x64.....gagacgucgugggaacacggg..... 0
 Gl1a_5154868_x64.....cgaucggagacgucgugggaacacg..... 0
 Gi2_9575609_x64.....cgGgggaacacggggugccgaac..... 1
 Gi5_7708325_x64.....uUggaacacggggugccgaa..... 1
 Gi2_9575545_x64.....uCggaacacggggugccgaacu..... 1
 Gi3_25801051_x64.....ugggaacacggAgugccgaacu..... 1
 Gi1_3573992_x64.....cgGgggaacacggggugccgaacu..... 1
 Gi5_7711909_x64.....gugggaacacggggAgccgaacu..... 1
 Gi2_9587331_x63.....gAgaacacggggugccgaacu..... 1
 Gi2_9581472_x63.....gAgggaacacggggugccgaac..... 1
 Gi3_25809888_x63.....cgugCgaacacggggugccgaacu..... 1
 Gl1a_5161155_x63.....gugggaacacggggCgccgaacu..... 1
 Gi1_3574690_x63.....ucgugggaNcacggggugccgaacu..... 1
 Gi1_3578155_x63.....guUggaacacggggugccgaacu..... 1
 Gi3_25809636_x63.....gcgaucggagacgucgugggaacacggg..... 0
 Gi3_25804344_x63.....ucgugggaacacggggGgccgaacu..... 1
 Gi3_25809951_x63.....ggaacacggggugccAaac..... 1
 Gi2_9587205_x63.....gaacacggggugccgGcu..... 1
 Gi5_7737048_x62.....ggaGcacggggugccgaacu..... 1
 Gi3_25822893_x62.....uggAaacacggggugccgaacu..... 1

Gi3_25830953_x62.....gugggaUcacggggugccgaacu..... 1
 Gi2_9604521_x62.....ggagacgucgugggaacacggggugccgaacu..... 0
 Gi1_3580719_x62.....aUcacggggugccgaacu..... 1
 Gi3_25825931_x62.....ucgugggaacCcgggugccgaacu..... 1
 Gi3_25838207_x62.....gugggaacacggggugGcgaacu..... 1
 Gi3_25840935_x62.....gaacacggggugccgaacG..... 1
 Gi5_7732770_x62.....gaacacggggugccGacu..... 1
 Gi2_9600553_x62.....Cgaacacggggugccgaac..... 1
 Gi1_3582331_x62.....gacgucgugggaacacggggugccg..... 0
 Gi5_7732398_x62.....cgugggaacacggggugccGacu..... 1
 Gi5_7732026_x62.....ggGacacggggugccgaacu..... 1
 Gi2_9592493_x62.....aGcggagacgucgugggaaca..... 1
 Gi3_25828721_x62.....gugggaacacggggugccgaaU..... 1
 Gi2_9614231_x61.....aucggagacgucgugggaacacggggugccg..... 0
 Gi2_9613499_x61.....gAaacacggggugccgaacu..... 1
 Gi3_25842592_x61.....aacacggggugccAgaacu..... 1
 Gi3_25857781_x61.....ugggaacacgggAugccgaacu..... 1
 Gi3_25848143_x61.....cgGcugggaacacggggugccgaacu..... 1
 Gi3_25844910_x61.....cgugggaacacggggugccAaac..... 1
 Gi2_9610266_x61.....gugggaacacggggugccgaacG..... 1
 Gi3_25842714_x61.....ggagacgucgugggaacacggggugc..... 0
 Gi3_25846862_x61.....gucgugggaacCcgggugccgaacu..... 1
 Gi2_9614841_x61.....Uaacacggggugccgaac..... 1
 Gi5_7746501_x61.....gugggaacacggggugccgaaAu..... 1
 Gi3_25851620_x61.....gugggaacacggggugccA..... 1
 Gi5_7745769_x61.....aucggagacgucgugggaacacggggugcc..... 0
 Gi5_7743085_x61.....cguAggaacacggggugccgaacu..... 1
 Gi3_25854121_x61.....gggaacacAgggugccgaac..... 1
 Gi2_9605569_x61.....cgugggaacacgggAugccgaacu..... 1
 Gi3_25855341_x61.....Cacacggggugccgaacu..... 1
 Gi2_9608924_x61.....cgugggaacacggggAgccgaacu..... 1
 Gi2_9612035_x61.....gugggGacacggggugcc..... 1
 Gi3_25849241_x61.....gcgaucggagacgucgugggaaca..... 0
 Gi1_3592580_x60.....aucggagacgucgugggaacac..... 0
 Gi2_9628805_x60.....Uucgugggaacacggggugc..... 1
 Gl1_5183065_x60.....ucggagacgucgugggaacacgg..... 0
 Gi5_7754296_x60.....gggGacacggggugccgaacu..... 1
 Gl1_5181925_x60.....cggagacgucgugggaacacggggg..... 0
 Gi3_25863349_x60.....ugggaCcacggggugccgaacu..... 1
 Gi2_9626345_x60.....gucgugggaacacggggugccGacu..... 1
 Gi5_7756696_x60.....cgugggaaUacggggugccgaacu..... 1
 Gi5_7759876_x60.....Ccguccgugggaacacggggugccgaacu..... 1
 Gi2_9627725_x60.....gGcugggaacacggggugccgaac..... 1
 Gi3_25875049_x60.....gaacacggggugccgaUc..... 1
 Gi3_25877869_x60.....cgugggaacaUggggugccgaac..... 1
 Gi1_3590960_x60.....cgucgCgggaacacggggugccgaac..... 1
 Gi3_25884027_x59.....gucgugggaacacggggugccgaGcu..... 1

Gi1_3597133_x59.....guggaacGcggggugccgaacu..... 1
 Gi3_25894883_x59.....uggaacacgggguAccgaacu..... 1
 Gi3_25883260_x59.....guggaacacggAgugccgaac..... 1
 Gl1a_5188964_x59.....gacgucgugggaacacggggu..... 0
 Gi1_3598372_x59.....cguggaacacggggugccgCacu..... 1
 Gi3_25891815_x59.....cguggaacacAgggugccgaac..... 1
 Gi3_25897125_x59.....gugggGacacggggugccgaa..... 1
 Gi5_7776024_x59.....uUguggaacacggggugccgaacu..... 1
 Gi1_3599080_x59.....aacacggggugccgaacu..... 0
 Gi3_25885148_x59.....Gugggaacacggggugccgaa..... 1
 Gi1_3599788_x59.....ucggagacgucguggaacacggggugc..... 0
 Gi5_7771953_x59.....gggaacacggggugccgCacu..... 1
 Gi5_7769180_x59.....aacacgAgggugccgaacu..... 1
 Gi5_7774313_x59.....cguggaacacgggguAccgaacu..... 1
 Gi3_25892346_x59.....gugggaGcacggggugccga..... 1
 Gi3_25887980_x59.....ugggaaUacggggugccgaacu..... 1
 Gi5_7777027_x59.....guUguggaacacggggugccgaacu..... 1
 Gi3_25907946_x58.....aucggagacgucgugggaCcacggg..... 1
 Gi1_3604736_x58.....gaacacggggugccgaGcu..... 1
 Gi5_7780411_x58.....uggaacacggggugccAaacu..... 1
 Gi3_25900232_x58.....ugggaacaUggggugccgaac..... 1
 Gl1a_5194264_x58.....gugggaacacggggugccgaGcu..... 1
 Gi3_25903596_x58.....acgAcguggaacacggggugccgaa..... 1
 Gi1_3601488_x58.....aacGcggggugccgaacu..... 1
 Gi3_25904756_x58.....gggaacacggggugUcgaacu..... 1
 Gi3_25912354_x58.....gUaacacggggugccga..... 1
 Gi1_3601662_x58.....gaacacggggugccgaCcu..... 1
 Gi2_9645527_x58.....aUcacggggugccgaacu..... 1
 Gi3_25900000_x58.....cgugggaaNacggggugcc..... 1
 Gi5_7783775_x58.....agacgucguggaacacggggugccgaacA..... 1
 Gi3_25917400_x58.....aacaGggggugccgaacu..... 1
 Gi2_9654633_x58.....gugggaacaAggggugccgaacu..... 1
 Gi2_9645353_x58.....gUagacgucguggaacacggggugc..... 1
 Gi3_25921339_x57.....guggaacacgggCugccgaacu..... 1
 Gi5_7801672_x57.....agacgucguggaacacggggu..... 0
 Gi5_7801615_x57.....uggaacacggggugccgGacu..... 1
 Gi2_9657203_x57.....cguggaacacggggugccgUacu..... 1
 Gl1a_5203261_x57.....Cuggaacacggggugccgaacu..... 1
 Gi2_9657260_x57.....agacgucguggaacacggggugccgaacA..... 1
 Gi2_9658172_x57.....cgugggUacacggggugccgaacu..... 1
 Gi1_3611999_x57.....ucggagacgucgGggaacacggggu..... 1
 Gi3_25932511_x57.....ggaacacggggugUcgaacu..... 1
 Gi2_9656804_x57.....gucguggaacacggggugccgaCcu..... 1
 Gi3_25928407_x57.....ggaacacggggugccAaacu..... 1
 Gi3_25927495_x57.....ucguggaacacggggugccgCac..... 1
 Gi3_25929832_x57.....guggaacacAgggugcc..... 1
 Gi2_9661991_x57.....ucgugggaGcacggggugccgaacu..... 1

Gi3_25927666_x57.....aUacgucgugggaacacggggugccgaac..... 1
 Gi2_9658058_x57.....cUugggaacacggggugccg..... 1
 Gi2_9661820_x57.....ggaacacggggGgccgaacu..... 1
 Gi3_25957230_x56.....cgucgugggaacGcggggugccgaacu..... 1
 Gi3_25940990_x56.....agacgucgugggaacacggggg..... 0
 Gi3_25953702_x56.....ucguUggaacacggggugccgaacu..... 1
 Gi2_9676398_x56.....gucgugggNacacggggugccgaacu..... 1
 Gi5_7810528_x56.....aacaUggggugccgaacu..... 1
 Gi1_3613346_x56.....ggaacacgNggugccgaacu..... 1
 Gi5_7811984_x56.....gagacgucgugggaacacggggugcc..... 0
 Gi3_25955550_x56.....cguggCaacacggggugccgaacu..... 1
 Gi2_9667214_x56.....cggagacgucgugggaGca..... 1
 Gi2_9671582_x56.....Cugggaacacggggugcc..... 1
 Gi1_3614802_x56.....agacgucgugggaacacggggugccgaac..... 0
 Gi3_25957454_x56.....cggagacgucgugggaacacggggug..... 0
 Gl1_5211959_x56.....cgugggaacacggggugccg..... 0
 Gi2_9674438_x56..gcgaucggagacgucgugggaacacggg..... 0
 Gi5_7804592_x56.....cggagacgucgugggaacacg..... 0
 Gi3_25971210_x55.....cgugggaacacUgggugccgaacu..... 1
 Gi3_25973190_x55.....aacacgggAugccgaacu..... 1
 Gi3_25975775_x55.....cgucguggNaacacggggugcc..... 1
 Gi2_9682861_x55.....Ggacgucgugggaacacggggg..... 1
 Gi2_9678296_x55.....Aggaacacggggugccgaac..... 1
 Gi5_7826614_x55.....aacacggggUaccgaacu..... 1
 Gi3_25962080_x55.....Cugggaacacggggugccgaa..... 1
 Gi3_25961915_x55.....gagacgucgugggaacacggggugccgaa..... 0
 Gi3_25972475_x55.....cgugggaacacggggugcUgaac..... 1
 Gi2_9685886_x55.....aGcggagacgucgugggaacac..... 1
 Gi3_25972585_x55.....Cucgugggaacacggggugccgaacu..... 1
 Gl1_5219250_x55.....gugggGacacggggugccgaacu..... 1
 Gi5_7823149_x55.....Ggggaacacggggugccgaac..... 1
 Gi2_9684291_x55.....ucggGgacgucgugggaacac..... 1
 Gi2_9678736_x55.....aacGcggggugccgaacu..... 1
 Gi3_25962245_x55.....gggaacacgAggugccgaacu..... 1
 Gi2_9679066_x55.....gGcgugggaacacggggugcc..... 1
 Gi1_3618268_x55..gcgaucggagacgucGggaacac..... 1
 Gi5_7832555_x54...gaucggagacgucgugggaacacggggg..... 0
 Gi5_7831259_x54.....ugggaacacgggUugccgaacu..... 1
 Gi2_9702108_x54.....gCgaacacggggugccgaacu..... 1
 Gl1_5223960_x54.....gCgggaacacggggugccgaacu..... 1
 Gi2_9693684_x54.....cgugggaacacggggugccGacu..... 1
 Gi5_7828343_x54.....ugAgaacacggggugccgaacu..... 1
 Gi2_9694656_x54.....ugggaacacggggugcUgaacu..... 1
 Gi2_9691416_x54.....gCgggaacacggggugcc..... 1
 Gi2_9698706_x54.....gGgacgucgugggaacacggggug..... 1
 Gi5_7834283_x54.....cgucguggNaacacggggugccgaacu..... 1
 Gi3_25988544_x54.....Gucggagacgucgugggaacacgggg..... 1

Gi3_25993242_x54.....cgucgugggaGcacggggugccgaacu..... 1
Gi5_7836335_x54.....ugggaacacAgggugccgaacu..... 1
Gi5_7828019_x54.....cguggaacacggggugccgaaUu..... 1
Gi5_7833851_x54.....gCaacacggggugccgaacu..... 1
Gi3_25987842_x54.....aucggagacgucgugggaCcacgggu..... 1
Gi1_3623484_x54.....ggUacacggggugccgaacu..... 1
Gi5_7836011_x54.....aacacggggugcUgaacu..... 1
Gi1_3623592_x54.....aucggagacgucguggaacacggguU..... 1
G1a_5224932_x54.....cggagacgucguggaacacggg..... 0
Gi5_7826723_x54.....aucggagacgucgugggaGcacggg..... 1
Gi5_7838171_x54.....ucguggaacGcggggugccgaacu..... 1
Gi5_7827425_x54.....Uugggaacacggggugccgaacu..... 1
Gi5_7835039_x54.....ucguggGacacggggugccgaacu..... 1
Gi3_26000890_x53.....gucgugggaGcacggggugccgaacu..... 1
Gi3_26005077_x53.....uggaacacggggugccgUacu..... 1
G1a_5230397_x53.....gggaacacggggugccgaac..... 0
Gi1_3627478_x53.....cggagacgucguggaacacgggu..... 0
Gi2_9703224_x53.....cgaucggagacgucguggaacac..... 0
Gi1_3628803_x53.....guggaacacggggugccgaGcu..... 1
Gi1_3630128_x53.....Uugggaacacggggugccg..... 1
Gi2_9708047_x53.....Gguggaacacggggugcc..... 1
Gi3_26002374_x53.....cgugggaaAacggggugccgaacu..... 1
Gi3_26000201_x53.....ggAaacacggggugccgaacu..... 1
Gi1_3630976_x53.....cgAgggaacacggggugccgaacu..... 1
Gi2_9715255_x53.....guggaacUcggggugccgaacu..... 1
Gi3_26003169_x53.....acgucguggaacacggggCgccgaacu..... 1
Gi3_26013451_x53.....ugggGacacggggugccgaa..... 1
Gi3_26005819_x53.....guggaacacgggAugccgaac..... 1
Gi3_25997021_x53.....Gguggaacacggggugc..... 1
Gi2_9705556_x53.....gucguggaacacggggugccgaa..... 0
Gi3_25999883_x53.....aacacggggugccgUacu..... 1
Gi2_9712340_x53.....aGcggagacgucguggaacacggggugcc..... 1
Gi2_9704867_x53.....Ggggaacacggggugccga..... 1
Gi5_7843599_x53.....cguggaacacggggugcAgaacu..... 1
Gi3_26008681_x53.....guggaacacggggugcGgaacu..... 1
Gi2_9725926_x52.....uUguggaacacggggugccgaacu..... 1
Gi2_9726706_x52.....cUucguggaacacggggugccga..... 1
Gi5_7855391_x52.....ggaacacggggugccgaGcu..... 1
Gi1_3632450_x52.....gGcguggaacacggggugccgaacu..... 1
Gi5_7852687_x52.....cguggaacacggAgugccgaacu..... 1
Gi3_26023136_x52.....gucguggaacacggggugccgCac..... 1
Gi3_26029324_x52.....gAgggaacacggggugccga..... 1
Gi3_26020224_x52.....aGcggagacgucguggaacac..... 1
Gi5_7854871_x52.....cgucguggaacacggggGgccgaacu..... 1
Gi2_9718230_x52.....gggaacacggggugccgGacu..... 1
G1a_5241298_x52.....Uuggaacacggggugccgaac..... 1
Gi3_26029740_x52.....Ugagacgucguggaacacg..... 1

Gi3_26041900_x51.....gucgugggGacacggggugccgaacu..... 1
 Gi3_26048989_x51.....cgugggaUcacggggugccgaacu..... 1
 Gi3_26038738_x51.....gaacaAggggugccgaacu..... 1
 Gi3_26056384_x51.....gugUgaacacggggugccgaacu..... 1
 G1a_5246304_x51.....gugggaacGcggggugccgaacu..... 1
 Gi3_26044807_x51.....Cacgucgugggaacacggggugccgaacu..... 1
 G1a_5246559_x51.....Uugggaacacggggugccga..... 1
 Gi2_9739246_x51.....aUacgucgugggaacacggggugccgaacu..... 1
 Gi3_26043532_x51.....ggaacacggggUAccgaacu..... 1
 Gi2_9738328_x51.....gggaacacNgggugccgaac..... 1
 Gi2_9734452_x51...Uaucggagacgucgugggaaca..... 1
 Gi2_9732412_x51.....gugggaacacAgggugccgaac..... 1
 Gi2_9729046_x51.....gaGcacggggugccgaacu..... 1
 Gi3_26038330_x51.....ggaacacggggAgccgaacu..... 1
 Gi3_26054548_x51.....gugggaacacggggUAccga..... 1
 Gi5_7878986_x50.....gaacacggggugcUgaacu..... 1
 Gi2_9753695_x50.....ucggagacgucgugggaacaUggggugcc..... 1
 Gi3_26062736_x50.....ggaacaUggggugccgaac..... 1
 Gi3_26075986_x50.....ugggaacacAgggugccgaac..... 1
 Gi3_26069086_x50.....ggaacacggggugcUgaac..... 1
 Gi3_26073286_x50.....ugggaacacggggugccAaac..... 1
 Gi3_26068386_x50...gaucggagacgucguggCaacacggggU..... 1
 Gi5_7880636_x50.....gGgggaacacggggugccga..... 1
 Gi3_26058986_x50.....gugggaacacggggCgccga..... 1
 Gi2_9748195_x50.....acgucgugggaacacggggugccgaacA..... 1
 Gi2_9754595_x50.....cgugggaaNacggggugcc..... 1
 Gi3_26069186_x50...aucggagacgucgugggaacacCg..... 1
 G1a_5247831_x50.....gucgugggaacacggggugcc..... 0
 Gi3_26074336_x50.....gugggaacacggggugccgaG..... 1
 Gi2_9748995_x50.....gugNgaacacggggugccgaacu..... 1
 Gi2_9755295_x50.....cgCgggaacacggggugccgaac..... 1
 Gi2_9750495_x50.....gugggaacCcgggugcc..... 1
 Gi3_26060086_x50...cguNggaacacggggugccgaacu..... 1
 Gi1_3644514_x50...gaucggagacgucgugggaacacgg..... 0
 Gi1_3642014_x50.....Aggaacacggggugccgaacu..... 1
 G1a_5254831_x50.ugcgaucggagacgucgug..... 0
 G1a_5250181_x50.....guUggaacacggggugccgaacu..... 1
 Gi2_9759561_x49.....cgAgggaacacggggugccgaac..... 1
 Gi1_3650143_x49.....ugggaacacggggCgccgaacu..... 1
 Gi5_7899512_x49.....cggagacgucgugggaacacggg..... 0
 Gi5_7894857_x49.....gugggaacacggggugccgaaUu..... 1
 Gi3_26080399_x49.....gugggaacaGggggugccgaacu..... 1
 Gi5_7889712_x49.....cUugggaacacggggugccga..... 1
 Gi3_26083045_x49.....cgugggaacacgUggugccgaac..... 1
 Gi1_3648771_x49.....gaacCggggugccgaacu..... 1
 G1a_5261264_x49.....ggagacgucgugggaaca..... 0
 Gi2_9761080_x49.....Ggugggaacacggggugc..... 1

Gi5_7895445_x49.....ggaacGcggggugccgaacu..... 1
 Gi2_9762109_x49.....ugggaacacggggugccgaCcu..... 1
 Gi2_9763726_x49.....gUacacggggugccgaacu..... 1
 Gi3_26084074_x49.....ucguAggaacacggggugccgaacu..... 1
 Gi3_26093874_x49.....gugggaGcacggggugccgaa..... 1
 Gi2_9757062_x49.....gugggaacacggggugccgaUcu..... 1
 Gi3_26085593_x49.....Uacgucgugggaacacggggu..... 1
 Gi1_3647056_x49.....gagacgucgugggaacacggggugccg..... 0
 Gi3_26085985_x49.....gugggaacacggggGgccg..... 1
 Gl1a_5256217_x49.....ugggaacacggggugccgCacu..... 1
 Gi3_26089023_x49.....guUggaacacggggugccg..... 1
 Gi2_9762991_x49.....Augggaacacggggugccg..... 1
 Gi3_26104208_x48.....aucggagacgucgugggaacacggggG..... 1
 Gi2_9771389_x48.....gugggaGcacggggugcc..... 1
 Gi3_26100896_x48.....cgugggaacacgCggugccgaacu..... 1
 Gi5_7913888_x48.....ugggaacacggggugcUgaacu..... 1
 Gi5_7907408_x48.....gggaacGcggggugccgaacu..... 1
 Gi3_26114336_x48.....Ggucgugggaacacggggugccgaac..... 1
 Gi3_26116016_x48.....ugggaacacggggugccgaaUu..... 1
 Gi5_7909808_x48.....cgugggaacacggggugAcgaacu..... 1
 Gi1_3656201_x48.....ucgugggaacacggggugccgCacu..... 1
 Gi5_7902368_x48.....cgugggaacacgggAugccgaacu..... 1
 Gi2_9778013_x48.....cgaucggagacgucgugggaacacggggu..... 0
 Gi1_3657017_x48.....gugggaGcacggggugccgaacu..... 1
 Gi2_9776525_x48.....gugggaacNcggggugccg..... 1
 Gi3_26109872_x48.....gggaacacggAgugccgaacu..... 1
 Gi5_7901840_x48.....gugggaacacggggugcAgaacu..... 1
 Gi3_26102336_x48.....gucgugggaacacggggugccgaacu..... 0
 Gi2_9773885_x48.....gaacacggggugccgCacu..... 1
 Gi1_3654041_x48.....uUggaacacggggugccgaac..... 1
 Gl1a_5262484_x48.....Ggugggaacacggggugccgaacu..... 1
 Gi2_9770333_x48.....gugggaacacggggugccgaCc..... 1
 Gi1_3657401_x48.....cgugUgaacacggggugccgaacu..... 1
 Gi3_26113184_x48.....ucgugggaacacAgggugccgaacu..... 1
 Gi1_3662931_x47.....ugggGacacggggugccgaacu..... 1
 Gi3_26127448_x47.....Uagacgucgugggaacacggggugccgaacu..... 1
 Gi5_7915822_x47.....gggaGcacggggugccgaacu..... 1
 Gi5_7916903_x47.....ucgCgggaacacggggugccgaacu..... 1
 Gi3_26129751_x47.....auUggagacgucgugggaacacgg..... 1
 Gi3_26124628_x47.....ggaUcacggggugccgaacu..... 1
 Gi3_26129093_x47.....gugggaacGcggggugccgaa..... 1
 Gi3_26116779_x47.....Uagacgucgugggaacacggggugccgaac..... 1
 Gi5_7925786_x47.....cgugggCacacggggugccgaacu..... 1
 Gi3_26132289_x47.....gugggaCcacggggugccgaac..... 1
 Gi2_9787299_x47.....Gucggagacgucgugggaacacggggugc..... 1
 Gi1_3663918_x47.....aacacggggAgccgaacu..... 1
 Gi5_7924329_x47.....gugggaacacggggugAcgaacu..... 1

Gi4_472216_x47.....cUugggaacacggggugccgaacu..... 1
 Gi1_3661521_x47.....ggagacgucgugggaacacggggu..... 0
 Gi1_3664388_x47.....gugggaacacggggugccgCacu..... 1
 Gi2_9788474_x47.....cgugggaacCcggggugccgaacu..... 1
 Gi3_26135720_x47.....aucggagacgucgugggaGcacggg..... 1
 Gi3_26151535_x46.....aucggagGcgucgugggaacacggg..... 1
 Gi1_3667245_x46.....uUgugggaacacggggugccgaacu..... 1
 Gi3_26140633_x46.....ggagacgucgugggaacacggggug..... 0
 Gi3_26151581_x46.....gaacacggNgugccgaac..... 1
 Gi3_26156917_x46.....gugggaacacgUggugccgaacu..... 1
 G1a_5280784_x46.....cgucgugggaacacggggugccgaacA..... 1
 Gi3_26150937_x46.....gugggaacacggggugccgUac..... 1
 Gi3_26147901_x46.....cgugAgaacacggggugccgaac..... 1
 Gi3_26144911_x46.....aGcggagacgucgugggaacacggggugcc..... 1
 G1a_5280646_x46..gcaucggagacgucgug..... 0
 Gi5_7939079_x46.....cggagacgucgugggaacacggggugccga..... 0
 Gi2_9803424_x46.....ucgugggGacacggggugccgaacu..... 1
 Gi2_9800296_x46.....cgugggCacacggggugccgaacu..... 1
 Gi3_26146337_x46.....guggUaacacggggugccga..... 1
 Gi1_3667199_x46.....cggagacgucgugggaacacgggg..... 0
 Gi3_26145555_x46.....gugggGacacggggugcc..... 1
 Gi3_26142841_x46.....aacacggggugcGgaacu..... 1
 Gi5_7939263_x46.....cgugggaacacggggAgccgaacu..... 1
 Gi3_26147855_x46.....gugggaacacggggugccgG..... 1
 Gi3_26137735_x46.....cggagacgucgugggaacacggggugccg..... 0
 Gi5_7940275_x46.....gucgugggaacacggggugc..... 0
 Gi3_26148867_x46.....aucggagacgucgugggaacGcggg..... 1
 Gi1_3668211_x46.....gaacacggggugccgCacu..... 1
 Gi1_3673455_x45.....ucggagacgucgugggaacacgggg..... 0
 Gi3_26168983_x45.....gAgggaacacggggugcc..... 1
 Gi3_26175958_x45.....ugggaacaNggggugccg..... 1
 Gi2_9816729_x45.....Aucgugggaacacggggugccgaacu..... 1
 Gi1_3671610_x45..gcaucggagacgucgugggaaca..... 0
 Gi3_26166418_x45.....gugggaacCcgggugccgaa..... 1
 Gi3_26167273_x45.....cgugggaacacggggugccUaacu..... 1
 Gi3_26173078_x45.....ugggaacacggggugccgaacG..... 1
 Gi1_3672150_x45.....aacacggggugccgCacu..... 1
 Gi2_9811914_x45.....Uucgugggaacacggggugccga..... 1
 Gi3_26162188_x45.....cgugggaacacgggCugccgaacu..... 1
 Gi5_7943982_x45.....cgucgugggaacacggggCgccgaacu..... 1
 Gi2_9807864_x45.....cUucgugggaacacggggugc..... 1
 Gi5_7941372_x45.....gaacacAgggugccgaacu..... 1
 Gi2_9811239_x45.....gugggaacacggggugccgCac..... 1
 Gi3_26176993_x45.....gUagacgucgugggaacacggggu..... 1
 Gi3_26169703_x45.....Ggugggaacacggggugccg..... 1
 Gi5_7941147_x45.....cgugggaacacggggugccgaacu..... 0
 Gi3_26181533_x44.....gggaacacggggugccgaaUu..... 1

Gi3_26192665_x44	cgaucggagacgucgugggaaacacggggugc	0
Gi3_26191345_x44	ggagacgucgugggaaacacggggugccga	0
Gi3_26189409_x44	ucgugggaaacacggggCgccgaac	1
Gi2_9830738_x44	ggaacacAgggugccgaacu	1
Gi2_9822510_x44	agacgucgugggaaacacggggg	0
Gi3_26185053_x44	gugggaaacacggggugccAa	1
Gi5_7961195_x44	aGgucgugggaaacacggggugccgaacu	1
Gi3_26179069_x44	gugggGacacggggugccg	1
Gi2_9829418_x44	gaucggGgacgucgugggaaacac	1
Gi3_26192753_x44	gugggaaacacggAgugcc	1
Gi4_474816_x44	gGgggaacacggggugccgaacu	1
Gi2_9823390_x44	uUggaacacggggugccgaa	1
Gi3_26180521_x44	Aaacacggggugccgaac	1
Gi1_3677153_x44	gggaacacggggugccgaCcu	1
Gi3_26188837_x44	cgUggaacacggggugccgaacu	1
Gi1_3676493_x44	gacgucgugggaaacacggggugccgaacA	1
Gi1_3675965_x44	gugggaaacCggggugccgaacu	1
Gl1a_5294604_x44	ugggaacaNggggugccgaacu	1
Gi3_26196845_x44	Uaucggagacgucgugggaaacacgg	1
Gi5_7964143_x44	gugggUacacggggugccgaacu	1
Gi2_9824886_x44	ugggaacacAgggugccgaacu	1
Gi2_9825062_x44	ggaacacggggugccgaGc	1
Gi2_9823258_x44	ugggaacacggggugccgCac	1
Gi2_9832234_x44	gaucggGgacgucgugggaaacacggggugc	1
Gi3_26192709_x44	ggaacacggggugccgaCcu	1
Gi3_26185933_x44	gugggaaUacggggugcc	1
Gi2_9831882_x44	cgucgugggaaacacggggGgccgaacu	1
Gi3_26178057_x44	Agugggaacacggggugccgaac	1
Gi3_26218945_x43	gagacgucgugggaaacacggggugc	0
Gi3_26219762_x43	cggagacgucgugggaaacacggggugccgaacu	0
Gi2_9847129_x43	cggagacgucgugggaaacacgggg	0
Gi3_26198778_x43	auUggagacgucgugggaaacacggggg	1
Gi2_9840120_x43	ugggaacaNggggugccgaac	1
Gi3_26217053_x43	cgCcgugggaacacggggugccgaacu	1
Gi3_26201917_x43	ucAugggaaacacggggugccgaacu	1
Gi1_3680974_x43	uAggaacacggggugccgaacu	1
Gi2_9839690_x43	Agggaacacggggugccgaacu	1
Gi2_9844764_x43	Uggaacacggggugccga	1
Gi5_7974796_x43	cgucgugggaaacacggggugccgCacu	1
Gi3_26210689_x43	cgugggaaNacggggugccga	1
Gi2_9845022_x43	ggaacacggggugcUgaacu	1
Gi1_3682780_x43	aUacgucgugggaaacacggggugccgaacu	1
Gi3_26220149_x43	gugggaaacacAgggugccga	1
Gi3_26211764_x43	cgucgugggGacacggggugccgaacu	1
Gi3_26214860_x43	ggaacaUggggugccgaacu	1
Gi3_26207077_x43	uAggaacacggggugccga	1
Gi3_26209313_x43	ugggGacacggggugccga	1

Gi3_26206733_x43.....gCgग्gaacacggggugccg..... 1
G1a_5301477_x43.....gugggaGcacggggugccgaacu..... 1
Gi2_9836766_x43.....cUgagacgucgugग्gaacacggggugc..... 1
G1a_5300617_x43.....gGग्gaacacggggugcc..... 1
Gi5_7971571_x43.....acgucgugNgaacacggggugccgaacu..... 1
Gi3_26204970_x43.....ग्gaacacggAgugccgaacu..... 1
Gi3_26218601_x43.....aucggagacgucgugग्gaacacgggA..... 1
Gi3_26239777_x42.....aucggagGcgucgugग्gaacacg..... 1
Gi1_3691157_x42.....gaGcacggggugccgaacu..... 1
Gi2_9857515_x42.....gucgugग्gaacacggggg..... 0
Gi3_26222893_x42.....guUग्gaacacggggugccgaa..... 1
Gi3_26226883_x42.....ग्gaacacggAgugccgaac..... 1
Gi2_9861001_x42.....aGcggagacgucgugग्gaacacg..... 1
Gi3_26231125_x42.....aUacgucgugग्gaacacggggugcc..... 1
Gi2_9847897_x42.....cgugग्gaacacggggugAcgaacu..... 1
G1a_5312145_x42.....gaucggagacgucgugग्gaacacg..... 0
Gi2_9857473_x42.....aUacgucgugग्gaacacggggugc..... 1
Gi1_3688595_x42.....aacacggggugccAaacu..... 1
Gi5_7986922_x42.....gugggaacNcggggugccgaac..... 1
Gi5_7978984_x42.....Uucgugग्gaacacggggugccgaac..... 1
Gi2_9848611_x42.....cggGgacgucgugग्gaacacggggg..... 1
Gi1_3690989_x42.....ugggaGcacggggugccgaacu..... 1
Gi2_9849157_x42.....gAgग्gaacacggggugccg..... 1
Gi1_3687041_x42.....gAgग्gaacacggggugccgaacu..... 1
Gi3_26223607_x42.....gugggaacGcggggugccg..... 1
Gi5_7987090_x42.....gugggaCcacggggugccgaacu..... 1
Gi1_3689477_x42.....gacgucgugग्gaacacggggugccgaac..... 0
Gi3_26225287_x42.....aCcggagacgucgugग्gaacacg..... 1
Gi5_7983226_x42.....gAaacacggggugccgaacu..... 1
Gi2_9850837_x42.....gucgugग्gaacCcggggugccgaacu..... 1
Gi3_26232301_x42.....ग्gaacacggggugccgaCc..... 1
Gi3_26226379_x42.....gugggaacacggggugcUg..... 1
Gi5_8001776_x41.....gggaacacggggGgccgaacu..... 1
Gi1_3695848_x41.....Agaacacggggugccgaacu..... 1
Gi3_26242529_x41.....gugAgaacacggggugcc..... 1
Gi2_9864395_x41.....gUaacacggggugccgaa..... 1
Gi5_7990952_x41.....ugggaacacggggAgccgaacu..... 1
Gi2_9868782_x41.....ucggGgacgucgugग्gaacacgg..... 1
Gi3_26253804_x41.....Cugggaacacggggugccg..... 1
Gi2_9869684_x41.....aacacggggAgccgaacu..... 1
Gi3_26240110_x41.....gCcacacggggugccgaacu..... 1
Gi1_3692076_x41.....ucgugggGacacggggugccgaacu..... 1
Gi3_26252410_x41.....cgugggaacaAggggugccgaacu..... 1
Gi2_9865338_x41.....gggaacacggAgugccgaacu..... 1
Gi5_7998209_x41.....ucgugggaGcacggggugccgaacu..... 1
Gi5_7996692_x41.....ggagacgucgugग्gaacacggggugccgaacu..... 0
Gi3_26248638_x41.....ggagacgucgugग्gaacacgggg..... 0

Gi2_9871201_x41.....gaacacAgggugccgaacu..... 1
 Gi5_7993166_x41.....gCgaacacggggugccgaacu..... 1
 Gi2_9866322_x41.....ggaacacggggugccAaacu..... 1
 Gi5_8010294_x40.....aacacggggugccgaCcu..... 1
 Gi1_3702037_x40.....gUacacggggugccgaacu..... 1
 Gi1_3701277_x40.....cgugggaacacggggugccgaCcu..... 1
 Gi5_8006734_x40.....gggaacacggggugccgaGcu..... 1
 Gi5_8009854_x40.....ucguUggaacacggggugccgaacu..... 1
 Gi3_26267770_x40.....aCcgagacgucguggaacacggg..... 1
 Gi2_9884570_x40.....Gucggagacgucguggaacac..... 1
 Gi5_8015894_x40.....uggaacacggggugccgaCcu..... 1
 Gi2_9880010_x40.....gggaacacggggugccgaCc..... 1
 Gi3_26268970_x40.....Agggaacacggggugccgaac..... 1
 Gi2_9876490_x40.....ucguUggaacacggggugccgaacu..... 1
 Gi1_3700597_x40.....acgucguggaacacggggugccgaac..... 0
 Gi3_26273810_x40.....cguAggaacacggggugccgaac..... 1
 Gi2_9884250_x40.....ggUgacgucguggaacacggggugcc..... 1
 Gi3_26273970_x40.....cgCgggaacacggggugccga..... 1
 Gi3_26280010_x40.....gggaacCcgggugccgaacu..... 1
 Gi3_26266370_x40.....gaacacggUgugccgaacu..... 1
 Gi5_8012734_x40.....ucguggaacCcgggugccgaacu..... 1
 Gl1a_5322628_x40.....cguggaacacggggugccgaac..... 0
 Gi1_3701557_x40.....guggUaacacggggugccgaacu..... 1
 Gi1_3700477_x40.....guggaacacggggugccgaCcu..... 1
 Gi2_9885530_x40.....cguggaacacggggugccgCac..... 1
 Gi3_26279330_x40.....aacUcggggugccgaacu..... 1
 Gi3_26291688_x39.....gGcgucguggaacacggggugccgaacu..... 1
 Gi1_3708338_x39.....gGgggaacacggggugcc..... 1
 Gi2_9895381_x39.....agacgucguggaacacggggugccga..... 0
 Gi2_9894367_x39.....aacacggggugccgCacu..... 1
 Gi3_26302803_x39.....acgucguggaacacggggugccgCacu..... 1
 Gi3_26293209_x39.....gacgucguggaacacggggugc..... 0
 Gi2_9891988_x39.....guAggaacacggggugccgaac..... 1
 Gi5_8024603_x39.....aacacggggGgccgaacu..... 1
 Gi2_9899983_x39.....ggaacacggggugUcgaacu..... 1
 Gi2_9896083_x39.....Gucggagacgucguggaaca..... 1
 Gi5_8018675_x39.....cUuggaacacggggugcc..... 1
 Gi3_26286579_x39.....gGucggagacgucguggaacacggg..... 1
 Gi2_9888166_x39.....Gucggagacgucguggaacacggg..... 1
 Gi3_26295666_x39.....aucggagacgucguAggaacacggggugc..... 1
 Gl1a_5334726_x39.....Ugaacacggggugccgaac..... 1
 Gl1a_5331567_x39.....guggaacacggggugccgCacu..... 1
 Gi3_26286072_x39.....gaUcacggggugccgaac..... 1
 Gi3_26294808_x39.....cgCcguggaacacggggugcc..... 1
 Gi2_9898189_x39.....Gucggagacgucguggaacacggggugcc..... 1
 Gi5_8023199_x39.....ucggagacgucguggaacacggggugc..... 0
 Gi3_26287398_x39.....aucggagacgucguggGacacggg..... 1

Gi1a_5335233_x39.....cUugggaacacggggugcc..... 1
 Gi3_26295861_x39.....cggagacgucgugggaacacggggugccgaa..... 0
 Gi3_26294730_x39.....gggaacacggggugcAgaacu..... 1
 Gi3_26294886_x39.....ugggaacacggggugcUgaac..... 1
 Gi1_3706817_x39.....cgucgugggaacacggggugccg..... 0
 Gi3_26293170_x39.....gugggaGcacggggugccg..... 1
 Gi3_26286423_x39.....ggaacacgggguUccgaacu..... 1
 Gi2_9898462_x39.....guggUaacacggggugcc..... 1
 Gi3_26296797_x39.....Aucgugggaacacggggugccgaac..... 1
 Gi2_9899554_x39.....gugggaacGcggggugcc..... 1
 Gi5_8019767_x39.....cgugggUacacggggugccgaacu..... 1
 Gi2_9892651_x39.....acgucgugggaacacggggugccga..... 0
 Gi3_26301087_x39.....ggaacacgAggugccgaac..... 1
 Gi1_3702917_x39.....gacgucgCgggaacacggggugccgaac..... 1
 Gi5_8031201_x38.....gGgggaacacggggugccgaa..... 1
 Gi1_3713784_x38.....gGgggaacacggggugccgaac..... 1
 Gi1_3710212_x38.....ugggaacGcggggugccgaacu..... 1
 Gi3_26321572_x38.....gugggaacacggggCgccg..... 1
 Gi1a_5343686_x38.....aucggagacgucgugggaacacgggg..... 0
 Gi2_9908167_x38.....gagacgucgugggaacacggggugccgaac..... 0
 Gi3_26317772_x38.....cgugggaacacggggugccgaaA..... 1
 Gi1_3710782_x38.....gugggaacacggggugccAaacu..... 1
 Gi3_26322598_x38.....aucggagacgucgugggCacacg..... 1
 Gi3_26311046_x38.....gugggaGcacggggugcc..... 1
 Gi3_26319140_x38.....Uucgugggaacacggggugc..... 1
 Gi2_9902543_x38.....cgCcgugggaacacggggugccgaacu..... 1
 Gi2_9909497_x38.....cgugggaacacggggugccgaCc..... 1
 Gi3_26307170_x38.....ugggaacacggggCgccgaa..... 1
 Gi1_3710744_x38.....acgucgCgggaacacggggugccg..... 1
 Gi3_26327044_x38.....guUgugggaacacggggugccgaac..... 1
 Gi3_26316404_x38.....uCggaacacggggugccgaa..... 1
 Gi2_9912993_x38.....cUucgugggaacacggggugccgaac..... 1
 Gi3_26327310_x38.....cgugggaCcacggggugccgaac..... 1
 Gi1a_5339012_x38.....guggUaacacggggugccgaacu..... 1
 Gi1a_5340570_x38.....aucggagacgucgugggaacac..... 0
 Gi2_9901555_x38.....Ugugggaacacggggugccgaac..... 1
 Gi3_26316442_x38.....Nugggaacacggggugccgaacu..... 1
 Gi3_26321610_x38.....gugggaacacggggugUc..... 1
 Gi5_8032949_x38.....ugggaacacgAggugccgaacu..... 1
 Gi1_3709718_x38.....ucgugggaacacggggugccgaa..... 0
 Gi3_26320166_x38.....aucggagacgucgugggaGcacg..... 1
 Gi1_3713860_x38.....ggaacacggggCgccgaacu..... 1
 Gi3_26319216_x38.....gugggCacacggggugccgaac..... 1
 Gi3_26306296_x38.....gugCgaacacggggugccgaacu..... 1
 Gi1_3714278_x38.....ggaacacggggugccgCacu..... 1
 Gi2_9910371_x38.....gugggaacacggggugccgGac..... 1
 Gi5_8035229_x38.....ugggaacaUggggugccgaacu..... 1

G1a_5341938_x38.....guggaacCgggggugccgaacu..... 1
 Gi2_9901175_x38.....Uacgucguggaacacggggugccg..... 1
 Gi1_3708882_x38.....ucguggaacGcggggugccgaacu..... 1
 Gi2_9925882_x37.....cguggaacUcggggugccgaacu..... 1
 Gi3_26336082_x37.....uggaacacgggUugccgaac..... 1
 Gi2_9917113_x37..gcgaucggagacgucguggaacacgg..... 0
 Gi2_9924402_x37.....aacacggggugccgGacu..... 1
 G1a_5350800_x37.....gGgggaacacggggugccgaac..... 1
 Gi3_26346627_x37.....cguggUaacacggggugccgaacu..... 1
 G1a_5345768_x37..cgaucggagacgucguggaacacgg..... 0
 Gi1_3719397_x37.....Gcguggaacacggggugccgaac..... 1
 Gi3_26338006_x37.....Uaacacggggugccgaacu..... 1
 Gi2_9918001_x37.....ggaGcacggggugccgaac..... 1
 Gi2_9914486_x37.....ggaacacggggugccgaCcu..... 1
 Gi2_9922774_x37.....aacacAgggugccgaacu..... 1
 Gi1_3715586_x37.....Uucguggaacacggggugcc..... 1
 Gi5_8053663_x37.....ucguggaacacggggGgccgaacu..... 1
 Gi1_3716548_x37.....ggaacacggggugccgaacu..... 0
 Gi3_26333640_x37.....gaacacggggCgccgaac..... 1
 Gi3_26343001_x37..gaucggagacguUguggaacacggg..... 1
 Gi2_9919814_x37.....guggaacacggggugcUgaac..... 1
 Gi3_26333344_x37.....acgucguggaacacggggGgccgaacu..... 1
 Gi3_26347071_x37..aucggagacgucguggaCcacggg..... 1
 Gi3_26350290_x37.....ugggCacacggggugccgaacu..... 1
 Gi3_26346479_x37.....guggaacacggggugcUga..... 1
 Gi3_26350660_x37.....cguUguggaacacggggugccgaacu..... 1
 Gi2_9913487_x37.....cguggaacacggggugccgaGc..... 1
 G1a_5359379_x36.....ggaacacgNggugccgaacu..... 1
 Gi2_9940923_x36.....ucguggaacGcggggugccgaacu..... 1
 Gi5_8065480_x36.....gUgaacacggggugccgaa..... 1
 Gi2_9932031_x36.....ucguggaacacggggGgccgaacu..... 1
 Gi3_26370947_x36.....Gcguggaacacggggugc..... 1
 Gi5_8054860_x36.....ggagacgucguggaacacggggugcc..... 0
 Gi3_26353991_x36.....aucggagacgCcguggaacacggggu..... 1
 Gi3_26357627_x36..gcgaucggagacgucguggaacacggggugcc..... 0
 Gi2_9932535_x36.....gUgaacacggggugccgaa..... 1
 Gi2_9936747_x36.....Uacacggggugccgaacu..... 1
 Gi3_26374619_x36.....ucguggaacUgggggugccgaacu..... 1
 Gi3_26362055_x36.....aacacggggugccgaaAu..... 1
 Gi1_3726159_x36.....ucguggaacacggggugccgaGcu..... 1
 Gi1_3724431_x36.....Ugagacgucguggaacacggggugcc..... 1
 Gi5_8056264_x36.....gaacacggggugccAaacu..... 1
 Gi2_9935739_x36.....aacacggggugcUgaacu..... 1
 Gi1_3723243_x36..aucggagacgucGgggaacacggggugcc..... 1
 Gi2_9935955_x36..cUgagacgucguggaacacggggu..... 1
 Gi1_3722523_x36.....uGggaacacggggugccgaacu..... 1
 G1a_5355887_x36.....gagacgucguggaacacg..... 0

Gi3_26362235_x36.....ucguggaacacggggugccgaGc..... 1
 Gi3_26374403_x36..gcgaucggagacgucguggaac..... 0
 Gi3_26371307_x36.....uggaacacggggugccgaG..... 1
 Gi5_8059684_x36.uUcgauccgagacgucgug..... 1
 Gi3_26359751_x36.....gggaacacggggugccAaac..... 1
 Gi2_9937935_x36.....gGgacgucgugggaacacggggugccg..... 1
 Gi2_9938691_x36...Uaucggagacgucguggaacacggggug..... 1
 Gi3_26353163_x36....Gucggagacgucguggaacacggggugcc..... 1
 Gi5_8062888_x36.....cgCcguggaacacggggugccgaacu..... 1
 Gi3_26358563_x36.....acgucguggaacGcggggugccgaacu..... 1
 Gi1_3720579_x36.....ggagacgucguggaacacggggugc..... 0
 Gi3_26361011_x36.....agacgucguggaacacggggugccgaa..... 0
 Gi5_8056192_x36.....gAgaacacggggugccgaacu..... 1
 Gi3_26373251_x36.....gaacacggggugGcgaacu..... 1
 Gi3_26364971_x36.....cguggaacacggggugcGgaacu..... 1
 Gi3_26363243_x36.....cguggaacacggggugccgGac..... 1
 Gi2_9941031_x36.....guggaacacAgggugcc..... 1
 Gi5_8060152_x36.....aacacgAgugccgaacu..... 1
 Gi3_26372099_x36.....cgucguggaacacggggugccAaac..... 1
 Gi3_26361947_x36.....guAggaacacggggugccga..... 1
 Gl1_5362170_x35...cgauccgagacgucguggaa..... 0
 Gi5_8076664_x35.....uggaacUcggggugccgaacu..... 1
 Gi2_9955159_x35.....gAgggaacacggggugcc..... 1
 Gi3_26377180_x35.....cguggaacacgAggugccgaac..... 1
 Gi3_26376655_x35.....cgucgCgggaacacggggugccgaacu..... 1
 Gi4_486007_x35...aucggagacgucguggaacacggggugcc..... 0
 Gl1_5361225_x35.....gacgucguggaacacggggugccgaacu..... 0
 Gi1_3730417_x35...aucggagacgucguggaacacggg..... 0
 Gi2_9949279_x35.....cguggaacacggggGcggcaac..... 1
 Gi3_26394295_x35.....cguggaaUacggggugccgaac..... 1
 Gi3_26394680_x35...aucggagacgucguggaacGcg..... 1
 Gi1_3733112_x35.....cgugggGacacggggugccgaacu..... 1
 Gi3_26382535_x35.....gGcguuggaacacggggugcc..... 1
 Gi3_26379875_x35...aucggagacgCcguggaacacggg..... 1
 Gi3_26375570_x35.....cguggaacacggggugcAgaac..... 1
 Gi2_9952009_x35...ucggGgacgucguggaacacggggug..... 1
 Gi1_3730627_x35.....guAggaacacggggugccgaacu..... 1
 Gi3_26381940_x35.....cguggaaNacggggugccgaa..... 1
 Gi2_9955544_x35.....gCaacacggggugccgaac..... 1
 Gl1_5367175_x35.....guggaacacAgggugccgaacu..... 1
 Gi3_26385965_x35.....cgucguggaacacggggugccgaGcu..... 1
 Gi5_8068264_x35.....gaacaUggggugccgaacu..... 1
 Gi5_8071484_x35.....ggagacgucguggaaca..... 0
 Gi3_26385755_x35.....ggaacCcgggugccgaac..... 1
 Gi3_26378300_x35.....ucgugAgaacacggggugccgaacu..... 1
 Gi3_26386420_x35...aucggagacgucguggGacacgggu..... 1
 Gi3_26394190_x35.....gggaacacggggugccgaaAu..... 1

Gi1_3730802_x35.....cguggaacacggggugccgaGcu..... 1
 Gi3_26374870_x35.....ucUugggaacacggggugccgaacu..... 1
 Gi3_26385580_x35.....ugggaacacggggugccgC..... 1
 Gi3_26384670_x35.....Aggaacacggggugccgaa..... 1
 Gi5_8068054_x35.....gggUacacggggugccgaacu..... 1
 Gi1_3727092_x35.....ucguUggaacacggggugccgaacu..... 1
 Gi3_26396640_x35...cgaucggagacgucguggaacacggggugcc..... 0
 Gi3_26375535_x35.....gggaacacggggugcUgaac..... 1
 Gi5_8078589_x35.....guggaacacggggugccgUacu..... 1
 Gi3_26389220_x35.....guggaacacggggugccCaacu..... 1
 Gi2_9946269_x35.....guAggaacacggggugcc..... 1
 Gi3_26387330_x35.....gggUacacggggugccgaacu..... 1
 Gi1_3731292_x35.....cCuggaacacggggugccgaacu..... 1
 Gi3_26399910_x34.....ggaacacggggUaccgaac..... 1
 Gi5_8084481_x34.....gGgggaacacggggugcc..... 1
 G1a_5371924_x34...gaucggagacgucguggaacacgg..... 0
 Gi2_9959265_x34.....uggaacacgggUugccgaacu..... 1
 Gi2_9971029_x34...cgucguggaacacggggugccgCacu..... 1
 Gi2_9961339_x34.....gAaacacggggugccgaac..... 1
 Gi2_9967493_x34.....ggaacGcggggugccgaac..... 1
 Gi3_26412116_x34.ugcgaucggagacgucguggaacacggggU..... 0
 Gi5_8083699_x34...gucguggaacacggggGgccgaacu..... 1
 Gi3_26410416_x34.....ugggaGcacggggugccga..... 1
 Gi3_26405350_x34.....gucguggaacacggggGgccgaac..... 1
 Gi5_8091689_x34.....uggaacCcgggugccgaacu..... 1
 G1a_5368014_x34.....guggaacacggggugccgGacu..... 1
 Gi3_26414836_x34.....Ugucguggaacacggggugccgaacu..... 1
 Gi5_8092097_x34.....gucguggNacacggggugccgaacu..... 1
 Gi2_9956239_x34.....gugggaacaUggggugccgaac..... 1
 Gi5_8081557_x34.....Ccguggaacacggggugccgaacu..... 1
 Gi2_9958007_x34.....Augggaacacggggugccga..... 1
 Gi3_26417080_x34.....guggaacacggggugAcgaac..... 1
 Gi2_9956613_x34...aucggagaNgucguggaacacggggugc..... 1
 G1a_5370054_x34...cguggaaNacggggugccgaacu..... 1
 Gi3_26406132_x34.....gAgggaacacggggugccgaa..... 1
 Gi2_9958585_x34...aGcggagacgucguggaacacggggug..... 1
 Gi3_26418508_x34.....uAggaacacggggugccgaa..... 1
 Gi3_26406472_x34.....guggUaacacggggugccgaa..... 1
 Gi2_9959333_x34...aucggagacgucguggaGcacggggU..... 1
 Gi1_3733761_x34.....aacacggggugccgGacu..... 1
 Gi5_8083733_x34.....Augggaacacggggugccgaac..... 1
 Gi2_9965589_x34...cgaucggagacgucguggaacacgggg..... 0
 Gi2_9968139_x34.....uggaacacggggugccgGacu..... 1
 Gi2_9963821_x34cugcgaucggagacgucguggaacac..... 0
 Gi2_9962665_x34.....guggaacacggggGgccg..... 1
 Gi2_9956919_x34...cgCgggaacacggggugcc..... 1
 Gi1_3733285_x34.....cguggaGcacggggugccgaacu..... 1

Gi3_26416944_x34.....gaacacggggugAcgaacu..... 1
 Gi3_26409838_x34.....ucguggaacacggggugccgaUc..... 1
 Gi3_26411470_x34...gaucggagacgucguggaacacggggugccg..... 0
 Gi2_9978423_x33.....gggaacaUggggugccgaacu..... 1
 Gi5_8100573_x33.....gaacacgAggugccgaacu..... 1
 Gi2_9974793_x33.....ugggaaUacggggugccgaacu..... 1
 Gi3_26426677_x33.....ugUgaacacggggugccga..... 1
 Gi2_9983307_x33.....Ggggaacacggggugccg..... 1
 Gi5_8093742_x33.....cgGcguggaacacggggugccgaacu..... 1
 Gi2_9983802_x33.....gucgugggGacacggggugccgaacu..... 1
 Gi3_26420275_x33.....cgucguggaacacggggCgcc..... 1
 Gi1_3739542_x33.....Ccguggaacacggggugccgaacu..... 1
 Gi1_3741456_x33.....cguggaacacggggCgccgaacu..... 1
 Gi3_26433607_x33....aCcggagacgucguggaacacgggg..... 1
 Gl1a_5382356_x33.....gAgggaacacggggugccgaacu..... 1
 Gi2_9975849_x33.....cgugggGacacggggugccgaac..... 1
 Gi5_8096712_x33....aGcggagacgucguggaacacg..... 1
 Gi1_3741753_x33....aucggagacgucgCgggaacacgggg..... 1
 Gi3_26432749_x33.....guggaacacgAggugcc..... 1
 Gi2_9979611_x33.....guggaacacgUgugccgaac..... 1
 Gi2_9975189_x33.....gugggaGcacggggugccg..... 1
 Gi3_26437006_x33.....guggaacacggggugccgC..... 1
 Gi3_26439811_x33.....cguggaacacggggAccgaac..... 1
 Gi3_26441857_x33....gGucggagacgucguggaacacgggg..... 1
 Gi3_26438590_x33.....gucgugggNacacggggugccgaac..... 1
 Gl1a_5382125_x33.....Agaacacggggugccgaacu..... 1
 Gi3_26427502_x33.....ggaacacggggugUcgaac..... 1
 Gi2_9979776_x33.....ggGacacggggugccgaac..... 1
 Gi3_26441329_x33.....cguggAaacacggggugccgaac..... 1
 Gi2_9982152_x33.....Ggacgucguggaacacggggugccgaacu..... 1
 Gi1_3740829_x33.....Uugggaacacggggugccga..... 1
 Gi3_26429581_x33.....guggaacacgCggugccgaacu..... 1
 Gi1_3738783_x33.....Uugggaacacggggugccgaacu..... 1
 Gi3_26430769_x33.....Uacgucguggaacacggggugccg..... 1
 Gi3_26427106_x33.....gucguggaacacAgggugccgaacu..... 1
 Gi3_26428888_x33.....gggaacacgggAugccgaacu..... 1
 Gi5_8094633_x33.....uggAaacacggggugccgaacu..... 1
 Gi2_9977862_x33.....uggaacacggggugccAaacu..... 1
 Gi3_26421166_x33.....gagacgucguggaacacggggugccga..... 0
 Gi2_9982317_x33.....ggaacacggggugccgaUc..... 1
 Gi5_8096745_x33.....gGgggaacacggggugccgaacu..... 1
 Gi2_9984297_x33.....cguggaacacggggugccgaUc..... 1
 Gi2_9971988_x33..gcgaucggagacgucguggaaca..... 0
 Gi5_8110886_x32.....gCgggaacacggggugccgaac..... 1
 Gi2_9998013_x32.....gggaacacggggugccAaacu..... 1
 Gi3_26453470_x32.....cggagacgucguggaacacggggugccgaac..... 0
 Gi1_3745504_x32.....acgucguggaacacggggugccga..... 0

Gi3_26445854_x32.....cgugggaacacggUgugccgaacu..... 1
 Gi3_26469214_x32.....gugggaacacggggAgcc..... 1
 Gi3_26464606_x32.....gaacacggggugccgaGc..... 1
 Gi4_488999_x32.....gaacacggggugccgaacu..... 0
 Gi2_9992189_x32.....gugggaacacgAggugccgaac..... 1
 Gi3_26447390_x32.....guNggaacacggggugccgaacu..... 1
 Gi3_26459518_x32.....gucgCgggaacacggggugccgaacu..... 1
 Gi3_26468446_x32.....cgugggaacacggCgugccgaacu..... 1
 Gi2_9995805_x32.....gggaacacAgggugccgaacu..... 1
 Gi2_9995933_x32.....ucgGgggaacacggggugccgaacu..... 1
 Gi5_8109126_x32.....gugggaacCggggugccgaac..... 1
 Gi3_26451550_x32.....cgugggaaNacggggugc..... 1
 Gi3_26458686_x32.....ggaacacgggAugccgaacu..... 1
 Gi2_9996253_x32.....gugAgaacacggggugccgaac..... 1
 Gi3_26458910_x32.....ggaacacggggugcAgaacu..... 1
 Gi1_3745568_x32...cgaucggagacgucgugggaaacacggguU..... 1
 Gi3_26447710_x32.....gaaNacggggugccgaacu..... 1
 Gi5_8105638_x32.....ugggaacacggggUAccgaacu..... 1
 Gi3_26449150_x32.....cUucgugggaacacgggg..... 1
 Gi2_9997693_x32....aGcggagacgucgugggaacacggg..... 1
 Gi3_26445374_x32.....gugggaaAacggggugcc..... 1
 Gl1_5387533_x32.....Uugggaacacggggugccg..... 1
 Gi2_9992317_x32.....gCcgugggaacacggggugccgaacu..... 1
 Gl1_5384269_x32.....ggUaacacggggugccgaacu..... 1
 Gi3_26453214_x32.....gucgugggaacacggggugccgGacu..... 1
 Gi2_9997853_x32....aucggagaNgucgugggaacac..... 1
 Gi1_3746368_x32....aucggagacgucgCgggaacacggggugc..... 1
 Gi5_8108326_x32.....Uagacgucgugggaacacggggugccgaacu..... 1
 Gi5_8109254_x32.....Ggugggaacacggggugccgaac..... 1
 Gi1_3747520_x32.....gagacgucgCgggaacacggggugcc..... 1
 Gi3_26458078_x32.....cgGcgugggaacacggggugcc..... 1
 Gi3_26452478_x32.....ucgugggaacacggggugccgaCcu..... 1
 Gi3_26461022_x32.....cUgagacgucgugggaacacg..... 1
 Gi5_8107078_x32.....ucgugggaacacggggUAccgaacu..... 1
 Gi3_26458462_x32.....ucgugggGaacacggggugccgaac..... 1
 Gi1_3747712_x32.....gaacacggggugccgGacu..... 1
 Gi2_10009752_x31...Uaucggagacgucgugggaacacgggg..... 1
 Gi1_3751943_x31...cgaucggagacgucgCgggaacacgggg..... 1
 Gi5_8122844_x31.....gggaacacggggugccgGacu..... 1
 Gi2_10012108_x31.....gugggaaUacggggugccgaac..... 1
 Gi2_9999925_x31.....ggUaacacggggugccgaac..... 1
 Gi3_26473624_x31.....ggaacacggggugccgaUcu..... 1
 Gl1_5396526_x31....ucggagacgucgugggaacacgggg..... 0
 Gi2_10010930_x31.....ucgugggaacacggggugccgaGcu..... 1
 Gi3_26487822_x31.....gaacaGggggugccgaacu..... 1
 Gi4_490326_x31.....uUggaacacggggugccgaacu..... 1
 Gi2_9999429_x31.....guggCaacacggggugccgaacu..... 1

Gi2_10012418_x31.....aacacggggugccgaCcu..... 1
 Gi2_10008729_x31.....aacacggggGgccgaacu..... 1
 Gi2_10001599_x31....aucggagaNgucgugggaaacacggggg..... 1
 Gi5_8127773_x31.....gucgugggaaacacggggugccgCacu..... 1
 Gi5_8121976_x31.....cgugggaaacacggggugccgUacu..... 1
 Gi3_26484970_x31.....gugggaaacacggggugAc..... 1
 Gi3_26487202_x31.....ggaaGacggggugccgaacu..... 1
 Gi1_3752098_x31.....Uaacacggggugccgaac..... 1
 Gi3_26480351_x31.....cgAcgugggaaacacggggugccgaacu..... 1
 Gi3_26481374_x31.....gugggaaacacggggugccgGa..... 1
 Gi1_3753338_x31.....ucgugggGacacggggugccgaacu..... 1
 Gi3_26489992_x31.....ggaacacggggugcAgaac..... 1
 Gi2_10010713_x31.....gucgugggaaacGcggggugccgaacu..... 1
 Gi5_8123185_x31.....Ggacgucgugggaaacacggggugccgaacu..... 1
 Gi3_26474957_x31.....cgucgugggaaacacggggugccgCac..... 1
 Gi3_26483141_x31.....cgugggaaacacggggugUcgaac..... 1
 Gi5_8119062_x31.....ucgugggaaacacAgggugccgaacu..... 1
 Gi3_26488380_x31.....ggaacacgggAugccgaac..... 1
 Gi2_10005846_x31.....cgucgugggaaacacggggCgccgaacu..... 1
 Gi2_10005660_x31.....cgugUgaacacggggugccgaac..... 1
 Gi3_26473965_x31.....gggaacaUggggugccgaac..... 1
 Gi5_8118721_x31.....ggaacacggggugccAaacu..... 1
 Gi3_26472539_x31.....gugggaaacaAggggugccgaac..... 1
 Gi2_10012294_x31.....ggGgacgucgugggaaacacggggugccg..... 1
 Gi3_26483854_x31.....gucgugggaaacacggggugccgaaAu..... 1
 Gi3_26482211_x31.....gugggaaacacggggUccgaacu..... 1
 Gi2_10004327_x31....aucggagacgucgugggGaacacgggg..... 1
 Gi4_489954_x31.....cgucgugggaaacacggggugcc..... 0
 Gi3_26471268_x31.....cgGggaaacacggggugcc..... 1
 Gi3_26473779_x31.....ugggaaacacgggCugccgaacu..... 1
 Gi1_3751695_x31.ugcgauccggagacgucgugggaaacacg..... 0
 Gi2_10010992_x31.....gugggaaacNcggggugccgaa..... 1
 Gi3_26480661_x31....aucgUagacgucgugggaaacacg..... 1
 Gi1_3753431_x31.....cgucgugggaaacacggggugccgaa..... 0
 Gi3_26484753_x31.....gucgugggaaacacggggugccgCc..... 1
 Gi2_10019665_x30.....gucgugggaaacacggggugccgGacu..... 1
 Gi1_3762245_x30.....cgucgCgggaacacggggugccg..... 1
 Gi1_3756665_x30.....gaacacAgggugccgaacu..... 1
 Gi3_26502780_x30....aucggGgacgucgugggaaacacgggg..... 1
 Gi5_8142385_x30.....ggaacacggggugccgUacu..... 1
 Gl1a_5408346_x30....cggagacgucgugggaaacacg..... 0
 Gi5_8130865_x30.....gaacacggggGgccgaacu..... 1
 Gi5_8138905_x30.....Gcucgugggaaacacggggugccgaacu..... 1
 Gi1_3756965_x30.....cgugggaaacacAgggugccgaacu..... 1
 Gi3_26509080_x30....cUgagacgucgugggaaacacggg..... 1
 Gi5_8140885_x30.....cgucgugggaaacacggggugccgGacu..... 1
 Gi3_26509320_x30.....gucgugggaaacacggggCgccgaac..... 1

Gi2_10023295_x30.....Ccgugggaacacggggugccgaacu..... 1
 Gi5_8141875_x30.....cgugggaacCcggggugccgaacu..... 1
 Gi1_3760325_x30.....ucggagacgucgCgggaacacggggugcc..... 1
 Gi3_26514900_x30..gcgaucggagacgucguggggaacacggg..... 0
 Gi2_10019065_x30.....aucggagacgucgugggaacacggggC..... 1
 Gi3_26497410_x30.....gugggaacUcggggugccgaac..... 1
 Gi3_26511750_x30.....gggaacacggggugccgUacu..... 1
 Gi3_26508330_x30.....aucggagacgCcgugggaacacg..... 1
 Gi2_10022665_x30.....uGgugggaacacggggugccgaac..... 1
 Gi3_26503680_x30.....aacNcggggugccgaacu..... 1
 Gi2_10027435_x30.....auUggagacgucgugggaacacggggugc..... 1
 Gi3_26516880_x30.....Cgggaacacggggugccga..... 1
 Gi2_10021615_x30.....gugggaacacggggugUcgaac..... 1
 Gi3_26493420_x30.....ugUgaacacggggugccgaa..... 1
 Gi2_10025755_x30.....guggAaacacggggugccgaac..... 1
 Gi2_10019155_x30.....Aagacgucgugggaacacggggug..... 1
 Gi4_491189_x30.....Uugggaacacggggugccgaa..... 1
 Gi3_26497440_x30.....cgugggaacacggggugCcgaaacu..... 1
 Gi5_8131495_x30.....ugggaaUacggggugccgaacu..... 1
 Gi3_26497290_x30.....ucgugggaacacggggugcUgaacu..... 1
 Gi1_3762185_x30.....cUugggaacacggggugccga..... 1
 Gi2_10017985_x30.....ucguAggaacacggggugccgaacu..... 1
 Gi2_10021645_x30.....aucggagacgucgugggaacacggggugA..... 1
 Gi3_26498640_x30.....Ggucgugggaacacggggugccg..... 1
 Gi2_10014415_x30.....gGucggagacgucgugggaacacggggg..... 1
 Gl1a_5402796_x30.....ggagacgucgugggaacacg..... 0
 Gi2_10015435_x30.....cgucguggNaacacggggugccgaacu..... 1
 Gi3_26504700_x30.....gggaacacggggUaccgaac..... 1
 Gi2_10020145_x30.....Gggagacgucgugggaacacggggugcc..... 1
 Gi3_26517120_x30.....gugggaacacggggUaccg..... 1
 Gi3_26494950_x30.....cgucguggNaacacggggugccgaac..... 1
 Gi2_10013965_x30.....ucAugggaacacggggugccgaacu..... 1
 Gi2_10024435_x30.....auUggagacgucgugggaacacggggg..... 1
 Gl1a_5401056_x30.....ggagacgucgugggaacacggggugc..... 0
 Gi5_8133085_x30.....gugggaacacggggugCcgaaacu..... 1
 Gi5_8140765_x30.....gagacgucgugggaacacggggugccgaac..... 0
 Gi2_10027135_x30.....gaacacggggugccgGacu..... 1
 Gi2_10029025_x30.....ucgCgggaacacggggugccgaacu..... 1
 Gi3_26494380_x30.....cAucgugggaacacggggugccgaacu..... 1
 Gi3_26532540_x29.....cgNgggaacacggggugccgaacu..... 1
 Gi3_26519403_x29.....gggaaAacggggugccgaacu..... 1
 Gi2_10030889_x29.....gugggaacNcggggugccga..... 1
 Gi2_10038632_x29.....ggaacaUggggugccgaacu..... 1
 Gi1_3765422_x29.....aacacAgggugccgaacu..... 1
 Gi1_3765944_x29.....cUugggaacacggggugccgaac..... 1
 Gi3_26538108_x29.....guggAaacacggggugccga..... 1
 Gi2_10038922_x29.....cgugCgaacacggggugccgaacu..... 1

Gi5_8147986_x29.....gaaUacggggugccgaacu.....	1
Gi1_3764378_x29.....cgugggaacacggggugcc.....	0
Gi3_26522912_x29..gcgaucggagacgucgugggaacacggggg.....	0
Gi3_26541936_x29.....cgAgggaacacggggugcc.....	1
Gi5_8148189_x29.....ggaacacAgggugccgaacu.....	1
Gi5_8149175_x29.....gugggaacacggggugccgaUc.....	1
Gi2_10040256_x29.....ugggaacacggggugcAgaacu.....	1
Gi2_10038313_x29.....ucggGgacgucgugggaacacggggg.....	1
Gi3_26533323_x29.....Ugagacgucgugggaacacggggugccg.....	1
Gi3_26523898_x29.....gacAucgugggaacacggggugc.....	1
Gi2_10036283_x29.....Cacgucgugggaacacggggugccgaac.....	1
Gi3_26527436_x29.....Gcgucgugggaacacggggugccgaac.....	1
Gi1_3765712_x29.....ugUgaacacggggugccgaacu.....	1
Gi3_26535179_x29.....gucgugggaAacggggugccgaacu.....	1
Gi1a_5408552_x29.....cggagacgucgugggaacacgg.....	0
Gi3_26541849_x29.....Uggaacacggggugccgaacuu.....	1
Gi3_26528451_x29.....acgucgugNgaacacggggugccgaac.....	1
Gi2_10030860_x29.....ugAgaacacggggugccgaacu.....	1
Gi1_3763160_x29.....Aucgugggaacacggggugccgaacu.....	1
Gi2_10043533_x29.....ucgugggaacacggggugccgaCcu.....	1
Gi2_10042431_x29.....cgGcgugggaacacggggugccgaacu.....	1
Gi3_26530713_x29.....uUgugggaacacggggugccgaac.....	1
Gi2_10042576_x29.....ggaacacgAggugccgaacu.....	1
Gi2_10041996_x29.....ucgugggaacCcgggugccgaacu.....	1
Gi3_26535266_x29.....gugggaacacggUgugcc.....	1
Gi3_26517837_x29.....guAggaacacggggugccg.....	1
Gi2_10039618_x29.....gUgacgucgugggaacacggggugc.....	1
Gi3_26535556_x29.....gGcgugggaacacggggugccga.....	1
Gi2_10043330_x29.....Uagacgucgugggaacacggggugccg.....	1
Gi3_26531757_x29.....aucggagacgucgugggaacacggggugccgaacu.....	0
Gi2_10037037_x29.....gugggaaAacggggugcc.....	1
Gi3_26535585_x29.....gugggaacacCgggugccgaacu.....	1
Gi2_10030077_x29.....Uugggaacacggggugccgaacuu.....	1
Gi3_26528422_x29.....ucgugggaacacggggAgccgaacu.....	1
Gi2_10037211_x29.....cgugggaacacggggugccgaacG.....	1
Gi5_8152017_x29.....Cacacggggugccgaacu.....	1
Gi3_26529611_x29.....gugggaacacggggugcA.....	1
Gi2_10030947_x29.....gugggaacacggCgugccgaacu.....	1
Gi1_3763131_x29.....ucggagacgucgugggaacacggggugc.....	1
Gi5_8149378_x29.....gucgugggaacacggggugccgaCcu.....	1
Gi1_3766669_x29.....aucggGgacgucgugggaacacggggugc.....	1
Gi3_26540051_x29.....ucgGgggaacacggggugccgaacu.....	1
Gi3_26539587_x29.....ugggaGcacggggugccgaa.....	1
Gi3_26542081_x29.....gugggaacacggAgugccga.....	1
Gi1_3766988_x29.....agacgucgugggaacacggggugccga.....	0
Gi2_10029439_x29.....Ggucgugggaacacggggugccg.....	1
Gi3_26530771_x29.....cgucAugggaacacggggugccgaacu.....	1

Gi2_10053905_x28.....ggaacacggAgugccgaacu..... 1
 Gi3_26563821_x28.....acgucgugggaGcacggggugccgaacu..... 1
 Gi3_26550409_x28.....Uucgugggaacacggggugccgaa..... 1
 Gi3_26550045_x28.....cgCgggaacacggggugcc..... 1
 Gi1_3770268_x28.....cgucgugggaacacggggGgccgaacu..... 1
 Gi2_10057237_x28.....gugggaacaGggggugccgaacu..... 1
 Gi2_10046961_x28.....cgugggaUcacggggugccgaacu..... 1
 Gi2_10052141_x28.....aucggGgacgucgugggaacacggggugccg..... 1
 Gi3_26559033_x28.....gucgugggaacacggggugcUgaacu..... 1
 Gi2_10047885_x28.....gaucggGgacgucgugggaacacggggug..... 1
 Gl1a_5419422_x28.....ggagacgucgugggaacac..... 0
 Gi5_8161621_x28.....cgucgugggGacacggggugccgaacu..... 1
 Gi2_10048949_x28.....cgugggGacacggggugccga..... 1
 Gi5_8163217_x28.....ugggaacacggAgugccgaacu..... 1
 Gi2_10050321_x28.....Ggugggaacacggggugccga..... 1
 Gi2_10050069_x28.....cggagacgucgugggaacCcgggugcc..... 1
 Gi2_10053233_x28.....aucggagacgucgugggaGcac..... 1
 Gi5_8165261_x28.....acgucgugggGacacggggugccgaacu..... 1
 Gi2_10054157_x28.....cgugggaaAacggggugccgaacu..... 1
 Gi3_26561133_x28.....gugggaacacAgggugccgaa..... 1
 Gi3_26544473_x28.....ugggaacacggggugcAgaac..... 1
 Gi2_10047941_x28.....ucgugggaacacggggCgccgaac..... 1
 Gi2_10058105_x28.....Uaucggagacgucgugggaacacggggugcc..... 1
 Gi3_26556921_x28.....cgugggaacacggggugccgaaU..... 1
 Gi2_10055949_x28.....ggaacacggggGgccgaac..... 1
 Gi3_26563961_x28.....gggaUcacggggugccgaacu..... 1
 Gi3_26547637_x28.....gUagacgucgugggaacacg..... 1
 Gi2_10048389_x28.....ggaacacggguAccgaacu..... 1
 Gi5_8157757_x28.....ugggaacacggggugcAgaacu..... 1
 Gi3_26566229_x28.....aucggagacgucgugggaCcacg..... 1
 Gl1a_5419226_x28.....gucgugggaacacggggugccga..... 0
 Gi2_10058833_x28.....cggGgacgucgugggaacacggggugccg..... 1
 Gi1_3774384_x28.....cAugggaacacggggugccgaacu..... 1
 Gi2_10070579_x27.....guUggaacacggggugccg..... 1
 Gi1_3777573_x27.....acgucgugNgaacacggggugccgaacu..... 1
 Gi1_3775980_x27.....gggaacacggggugccgCacu..... 1
 Gl1a_5426096_x27.....gugggaacacggggugccgaCcu..... 1
 Gl1a_5430767_x27.....ucggagacgucgugggaacacg..... 0
 Gi2_10069418_x27.....gUgaacacggggugccga..... 1
 Gi5_8169461_x27.....gaacacggggugUcgaacu..... 1
 Gi2_10068446_x27.....cgugggaacacggggugcGcgaacu..... 1
 Gi3_26582853_x27.....cgucgugggaacacggggCgccgaac..... 1
 Gi1_3778329_x27.....Ugagacgucgugggaacacggggugccg..... 1
 Gi5_8177183_x27.....ugggaCcacggggugccgaacu..... 1
 Gi2_10069580_x27.....aacacggggugccAaacu..... 1
 Gi4_495473_x27.....cgucgugggaacacggggugccgaacu..... 0
 Gl1a_5427878_x27.....gugggaacacggggugcUgaacu..... 1

Gi1_3777033_x27.....gugAgaacacggggugccgaacu..... 1
 Gi1_3778464_x27.....ggaacacggggugccgaacA..... 1
 Gi3_26569164_x27.....acgucgCgggaacacggggugccgaacu..... 1
 Gi1_3778086_x27.....ggaGcacggggugccgaacu..... 1
 Gi2_10066745_x27.....gCgggaacacggggugccg..... 1
 Gi3_26570595_x27.....cgGgggaacacggggugccga..... 1
 Gi5_8177426_x27.....aacacggggugUccgaacu..... 1
 Gi3_26572647_x27.....ggaacacggggugUccgaac..... 1
 Gi5_8171432_x27.....gggaacacggggugcUgaacu..... 1
 Gi2_10066232_x27.....Gucggagacgucgugggaacacg..... 1
 Gi3_26571999_x27.....aucgUagacgucgugggaacacggg..... 1
 Gi2_10072037_x27.....gacgucgugggaacacggggugccga..... 0
 Gi1a_5432603_x27.....guAggaacacggggugccgaacu..... 1
 Gi3_26589198_x27.....ugggaacacggggAgccgaac..... 1
 Gi3_26575617_x27.....ucUugggaacacggggugccgaac..... 1
 Gi3_26570514_x27.....ucgugggaacacUgggugccgaacu..... 1
 Gi2_10066799_x27.....gcgaucggGgacgucgugggaacacgg..... 1
 Gi2_10064207_x27.....gugggaacacggggugcUg..... 1
 Gi3_26572863_x27.....guCggaacacggggugccgaacu..... 1
 Gi5_8170757_x27.....aacaGggggugccgaacu..... 1
 Gi3_26575374_x27.....gucgugggaacacggggugccgaGc..... 1
 Gi3_26575239_x27.....ggaacacggggugccgaau..... 1
 Gi3_26574105_x27.....acgucgugggaacCcgggugccgaacu..... 1
 Gi3_26574861_x27.....aucggagGcgucgugggaacacgggg..... 1
 Gi1_3778194_x27.....Cgaacacggggugccgaacu..... 1
 Gi1_3778707_x27.....Gcgugggaacacggggugcc..... 1
 Gi3_26591385_x27.....gggaacacggggAgccgaacu..... 1
 Gi3_26581314_x27.....cUaucggagacgucgugggaacacg..... 1
 Gi1_3779652_x27.....Ugugggaacacggggugccgaacu..... 1
 Gi5_8172080_x27.....gucgugggaacacggggCgccgaacu..... 1
 Gi3_26583312_x27.....acgucgugggGacacggggugccgaacu..... 1
 Gi1a_5435555_x26.....ucggagacgucgugggaacacggggugc..... 0
 Gi1_3785429_x26.....Ggucgugggaacacggggugccgaacu..... 1
 Gi1_3782231_x26.....Cggaacacggggugccgaacu..... 1
 Gi5_8191842_x26.....Aucgugggaacacggggugccgaacu..... 1
 Gi3_26604665_x26.....aucggagacgucgugggCacacggg..... 1
 Gi5_8188306_x26.....cgucgugggGcacggggugccgaacu..... 1
 Gi3_26619927_x26.....gugggaacCcgggugccg..... 1
 Gi2_10085701_x26.....Uacgucgugggaacacggggugc..... 1
 Gi1a_5438207_x26.....Uucgugggaacacggggugccgaacu..... 1
 Gi5_8194052_x26.....gugggaacacggggugcGgaacu..... 1
 Gi2_10075431_x26.....Gcgucgugggaacacggggugccgaacu..... 1
 Gi5_8190802_x26.....guggCaacacggggugccgaacu..... 1
 Gi3_26608383_x26.....gaucggagacgucgugggaacacggggG..... 1
 Gi3_26616339_x26.....gaacacggCgugccgaacu..... 1
 Gi3_26616027_x26.....Gcggagacgucgugggaacacggggugcc..... 1
 Gi2_10086767_x26.....cguNggaacacggggugccgaacu..... 1

Gi3_26605939_x26.....cgucgugggaaacacggggugccgaCcu.....	1
Gi3_26609501_x26.....guggAaacacggggugcc.....	1
Gi2_10078187_x26.....cggagacgucgugggaaacacggggugccg.....	0
Gi3_26597723_x26.....cgCgggaacacggggugc.....	1
Gi5_8192856_x26.....cgugggaaacacggggugccgaacG.....	1
Gi2_10075795_x26.....uggAaacacggggugccgaacu.....	1
Gi1_3782933_x26.....gugggaacaUggggugccgaacu.....	1
Gi5_8182014_x26.....ugggaacacggggugccgCac.....	1
Gi3_26621591_x26.....gucguAggaacacggggugccgaacu.....	1
Gi2_10074677_x26.....Uagacgucgugggaaacacggggugcc.....	1
Gi4_496309_x26.....ucggagacgucgugggaaacacggggugccg.....	0
Gi2_10078577_x26.....acgucgugNgaacacggggugcc.....	1
Gi3_26603859_x26.....cgucgugggaaacCcgggugccgaacu.....	1
Gi2_10083725_x26.....acgucgugNgaacacggggugccgaacu.....	1
Gi2_10081957_x26.....gucguAggaacacggggugc.....	1
Gi5_8185966_x26.....ugggaacacggggugUcgaacu.....	1
Gi5_8191140_x26.....gugggaacacggggGgccgaac.....	1
Gi3_26608539_x26.....cgucgugggaaacacggggugccgaacu.....	1
Gi3_26596085_x26.....cgugggaacacggggAgccgaac.....	1
Gi3_26611477_x26.....gugggaacacggggAugcc.....	1
Gi2_10080709_x26.....cggagacgucgugggaaacacggggugccgaac.....	0
Gi1_3782829_x26.....gggaGcacggggugccgaacu.....	1
Gi2_10086793_x26..gcgaucggGgacgucgugggaaacacg.....	1
Gi3_26601389_x26.....cgucgugggGaacacggggugccgaac.....	1
Gi2_10076237_x26.....gugggaacacggggugccUaacu.....	1
Gi5_8189502_x26.....ggagacgucgugggaaacacggggugccgaac.....	0
Gi2_10075691_x26.....Uacgucgugggaaacacgggggu.....	1
Gi5_8186694_x26.....gaacacggggUaccgaacu.....	1
Gi3_26599543_x26.....cgugggaacacggggGgccgaac.....	1
Gi3_26618783_x26.....cgGgggaacacggggugccg.....	1
Gi1_3783193_x26.....Gcgucgugggaaacacggggugccgaacu.....	1
Gi2_10085545_x26.....gucgugggaaacacggggugccgaacu.....	1
Gl1a_5434619_x26.....cgGgggaacacggggugccgaacu.....	1
Gl1a_5438857_x26.....gaucggagacgucgugggaaacac.....	0
Gi1_3780515_x26.....gggGcacacggggugccgaacu.....	1
Gi5_8192492_x26.....gugggCacacggggugccgaacu.....	1
Gi2_10077511_x26.....gugggaacGcggggugccg.....	1
Gi3_26614545_x26.....aucggagacgucgugggaaacacggggugccg.....	0
Gi3_26632493_x25.....aucggagacgucgugAgaacacggg.....	1
Gi3_26649768_x25.....acgucgugggaaacacggggugccgaGcu.....	1
Gi3_26629593_x25.....Uaucggagacgucgugggaaacacggggugc.....	1
Gi3_26639018_x25.....ugUgaacacggggugccg.....	1
Gi5_8203659_x25.....ucguAggaacacggggugccgaacu.....	1
Gi5_8198084_x25.....gGcgugggaaacacggggugccgaac.....	1
Gi3_26649318_x25.....aGgucgugggaaacacggggugccgaac.....	1
Gi3_26646543_x25.....ucgCgggaacacggggugccgaac.....	1
Gi5_8202859_x25.....agacgucgugggaaacacggggugccga.....	0

Gi1a_5446512_x25.....cgucgugggaacacggggugccgaac.....	0
Gi3_26630068_x25.....cgGgggaacacggggugc.....	1
Gi3_26625618_x25....gaCcgagacgucgugggaacacggg.....	1
Gi2_10090472_x25.....ggagacgucgugggaacacggggugccgaa.....	0
Gi2_10103047_x25.....ggaacacAgggugccgaac.....	1
Gi1_3790281_x25.....gggaacGcggggugccgaacu.....	1
Gi3_26624793_x25.....gucgugggaacacggggugccgaUc.....	1
Gi3_26642593_x25.....cgucgugggaacacggggGgcccgaac.....	1
Gi2_10096097_x25.....acgucgugggaacacggggugccgaGc.....	1
Gi5_8206509_x25.....gGgggaacacggggugccg.....	1
Gi3_26624768_x25....aucgUagacgucgugggaacacggggg.....	1
Gi5_8205909_x25.....aacUcggggugccgaacu.....	1
Gi3_26635093_x25.....aacacUgggugccgaacu.....	1
Gi3_26643543_x25.....ugggaGcacggggugccg.....	1
Gi1_3787581_x25.....Uggaacacggggugccgaacuu.....	1
Gi3_26635293_x25....Uaucggagacgucgugggaacacggggugcc.....	1
Gi5_8205834_x25.....Gcgugggaacacggggugccgaac.....	1
Gi3_26639968_x25.....cgugggaacacggAgugccgaac.....	1
Gi1a_5443412_x25.....gucgugggaacacggggugccgaa.....	0
Gi3_26647218_x25....auUggagacgucgugggaacacgggg.....	1
Gi1_3790406_x25.....ggaacacAgggugccgaacu.....	1
Gi3_26644068_x25.....gugggaacacggggugcU.....	1
Gi3_26625668_x25.....cgucgugggaacacggggGgc.....	1
Gi5_8201409_x25.....ggaacacggggugccgGacu.....	1
Gi1_3791831_x25.....acgucgugggaacacggggugccgaa.....	0
Gi2_10092447_x25.....ggaacacggggugccgUacu.....	1
Gi3_26626368_x25.....gaaacacggggugccUaacu.....	1
Gi2_10101872_x25.....cgucgugggaacacggggGgcc.....	1
Gi3_26629668_x25....aucggGgacgucgugggaacacg.....	1
Gi3_26642093_x25.....Caacacggggugccgaac.....	1
Gi3_26628393_x25.....ugggaacUcggggugccgaacu.....	1
Gi3_26639443_x25.....ugggaacCcgggugccgaac.....	1
Gi1_3792931_x25.....gaacacggggugcUgaacu.....	1
Gi1a_5444237_x25.....Ugugggaacacggggugccgaacu.....	1
Gi1_3789581_x25.....Uggaacacggggugccgaac.....	1
Gi5_8202134_x25.....ucUugggaacacggggugccgaacu.....	1
Gi2_10093122_x25....aucggagacgucguggGcacggggugc.....	1
Gi5_8206759_x25.....acgucgugggaacacggggugccgaacuuu.....	0
Gi1_3790306_x25.....ucgugggaacacAgggugccgaacu.....	1
Gi3_26622593_x25....cUaucggagacgucguggg.....	1
Gi3_26642543_x25.....ugggaacacgAggugccgaac.....	1
Gi3_26641868_x25.....gagacgucgugggaacacggggugccgaacA.....	1
Gi1_3792831_x25.....Uacacggggugccgaacu.....	1
Gi3_26646393_x25....aucggagacgucgCgggaacacg.....	1
Gi3_26631918_x25....aucAgagacgucgugggaacacg.....	1
Gi3_26647918_x25....aucggagacgucguggGcacg.....	1
Gi1_3794030_x24.....gGgggaacacggggugccg.....	1

Gi2_10107811_x24.....gucgugggaacacggggGgcc..... 1
 Gi3_26662592_x24.....cgCgggaacacggggugccgaa..... 1
 Gi5_8217816_x24.....gggaacaUggggugccgaacu..... 1
 Gi5_8211744_x24.....ugggaacacggggugccgUacu..... 1
 Gi2_10114219_x24.....gucgugggaacacggggugccgaGcu..... 1
 Gi3_26676248_x24.....aucggagaNgucgugggaacacgggg..... 1
 Gi3_26675648_x24.....gaacacggggugccgaCc..... 1
 Gi3_26666072_x24.....aucggagacgucgugggaacCcggggu..... 1
 Gi3_26676944_x24.....aucggagacgucgugggCacacgg..... 1
 Gi3_26655224_x24.....aucggagacgucgugggaacacggggA..... 1
 Gi5_8208624_x24.....gugggaacUcggggugccgaacu..... 1
 Gi1_3796478_x24.....aucggGgacgucgugggaacacgggg..... 1
 Gi2_10107259_x24.....gugggaacacggggugCcgaacu..... 1
 Gi3_26671904_x24.....gugggaacacggggugCcgaac..... 1
 Gi3_26655272_x24.....Gucggagacgucgugggaacac..... 1
 Gi2_10109851_x24.....gggaacacggggUAccgaacu..... 1
 Gi3_26667872_x24.....aucggagacgucgugggaGcacggg..... 1
 Gi3_26676608_x24.....gugggaacaUggggugccga..... 1
 Gi5_8216664_x24.....ucgugggaacacggggugccAaacu..... 1
 Gi3_26654600_x24.....gacgucgugggaacacggggugccgaa..... 0
 Gi2_10117747_x24.....gugggaacacggggAgccgaac..... 1
 Gi2_10117843_x24.....ugggaacaUggggugccgaacu..... 1
 Gi3_26653304_x24.....gugggaacacgAggugccgaa..... 1
 Gi1_3794894_x24.....gugggaacacggggugccgGacu..... 1
 Gi2_10110499_x24.....ggaacacggggAgccgaacu..... 1
 Gi5_8218056_x24.....ucggagacgucgugggaacacggggugccg..... 0
 Gi1_3795278_x24.....aacacggggGgccgaacu..... 1
 G1a_5457016_x24.....gUaacacggggugccgaac..... 1
 Gi3_26670008_x24.....aucggagacgucgugggaacGcggggu..... 1
 Gi5_8207208_x24.....ucgugggaacacggggugccgaCcu..... 1
 Gi3_26672840_x24.....aucggagaNgucgugggaacac..... 1
 Gi1_3794678_x24.....agacgucgugggaacacggggug..... 0
 Gi3_26660672_x24.....guAggaacacggggugccgaa..... 1
 Gi3_26675264_x24.....ucgugggaacGcgggugccgaac..... 1
 Gi3_26668376_x24.....gaCcacggggugccgaacu..... 1
 Gi3_26656184_x24.....ggaacacgNggugccgaa..... 1
 Gi3_26656208_x24.....cgCcgugggaacacggggugccgaac..... 1
 Gi2_10119259_x24.....gggaacacggggCgccgaac..... 1
 Gi1_3794342_x24.....gaacacggggugccAaacu..... 1
 Gi3_26649968_x24.....cgugUgaacacggggugcc..... 1
 Gi2_10119643_x24.....gaacacggggugcUgaacu..... 1
 Gi1_3795710_x24.....gugggaacacggggugcUgaacu..... 1
 Gi1_3793454_x24.....aacaUggggugccgaacu..... 1
 Gi5_8215992_x24.....cUucgugggaacacggggugccgaac..... 1
 Gi3_26662376_x24.....ugggaacacggggugccgUac..... 1
 Gi3_26661272_x24.....acgucgugggaacacggAgugccgaacu..... 1
 Gi3_26650496_x24.....cgugggaacacgggAugccgaac..... 1

Gi3_26673104_x24.....ggaacacggggugccgUacu..... 1
Gi1_3797438_x24.....ggagacgucgCgggaacacggggugc..... 1
Gi5_8208744_x24.....gucgugggaacCcggggugccgaacu..... 1
Gi3_26667392_x24.....cgugggaacacggggugccgaaGu..... 1
Gi3_26654696_x24.....ugggaacacggggugccgaCc..... 1
G1a_5455936_x24.....gGgggaacacggggugccga..... 1
Gi3_26650256_x24.....Ugucgugggaacacggggugccg..... 1
Gi2_10109827_x24...cUaucgggagacgucgugg..... 1
Gi3_26666504_x24.....cgucguAggaacacggggugccgaacu..... 1
Gi1_3796694_x24.....Uagacgucgugggaacacggggugccgaacu..... 1
Gi3_26656136_x24.....Uagacgucgugggaacacggggugccg..... 1
Gi3_26658080_x24.....cgugggUacacggggugccgaac..... 1
Gi2_10108963_x24.....gacgucgugggaacacggggugccgaacA..... 1
Gi3_26657000_x24.....aacacggggugccUaacu..... 1
Gi2_10106059_x24.....Acgugggaacacggggugccgaacu..... 1
Gi5_8219232_x24.....ugggaacacggggGgccgaacu..... 1
Gi5_8214336_x24.....gggaacacNgggugccgaac..... 1
Gi3_26660312_x24.....aucggGgacgucgugggaacacggg..... 1
Gi3_26698592_x23.....ggaacacggggugccgaacG..... 1
Gi1_3804763_x23.....gugggaacacggggugccU..... 1
Gi2_10136605_x23.....gaaUacggggugccgaacu..... 1
Gi3_26703537_x23.....acgCcgugggaacacggggugccgaacu..... 1
Gi2_10135639_x23.....ugggaacacggggugUcgaacu..... 1
Gi3_26703721_x23.....ugggaCcacggggugccgaac..... 1
G1a_5465430_x23.....ggaGcacggggugccgaacu..... 1
Gi5_8221225_x23.....gugggaacaAggggugccgaacu..... 1
Gi2_10122667_x23..Ucgaucggagacgucgugggaacacggg..... 1
Gi2_10122138_x23.....ugggaacacggAgugccgaacu..... 1
Gi2_10123150_x23.....Uagacgucgugggaacacggggugc..... 1
Gi5_8229390_x23.....ggaacacgNgggugccgaac..... 1
Gi1_3800094_x23.....gugggaacacAggggugccgaacu..... 1
Gi3_26681802_x23.....gucgugggaacCcggggugccgaac..... 1
Gi3_26707562_x23.....ggCaacacggggugccgaacu..... 1
Gi1_3800416_x23.....ucgugggaacCcggggugccgaacu..... 1
Gi2_10129751_x23.....gggaacacggggugcUgaacu..... 1
Gi2_10132281_x23.....Uucgugggaacacggggugccg..... 1
Gi5_8226124_x23.....cgugggaaNacggggugccgaac..... 1
Gi1_3801083_x23.....gaacacggggugUcgaacu..... 1
Gi3_26700432_x23.....ggaacacggggugccgUac..... 1
Gi2_10123035_x23.....gUgacgucgugggaacacggggugcc..... 1
Gi2_10121724_x23.....Gcgugggaacacggggugccg..... 1
Gi5_8224215_x23.....gggaacacAggggugccgaacu..... 1
Gi2_10122391_x23.....gugAgaacacggggugcc..... 1
Gi2_10126876_x23.....gugggGacacggggugccg..... 1
Gi3_26686908_x23.....ugggaUacggggugccgaacu..... 1
Gi3_26697718_x23.....cgugggaGcacggggugccga..... 1
Gi2_10124714_x23.....gugggaacacggggugccgaaA..... 1

Gi3_26698155_x23.....gugNgaacacggggugccgaac..... 1
Gi2_10124530_x23.....aucggagacgucgugggGacacggggu..... 1
Gi2_10124829_x23.....cgucgugggaGcacggggugccg..... 1
Gi2_10132212_x23.....gggaacacggggugccgaGc..... 1
Gi2_10134834_x23.....uggaacacgggguAccgaacu..... 1
Gi1_3802141_x23.ugcgauccgagacgucgugggaaca..... 0
Gi3_26706619_x23.....gucgugggaacacggggugccAaacu..... 1
Gi2_10122966_x23.....gugggaacacUgggugccgaacu..... 1
Gi3_26703468_x23.....gaUgucgugggaacacggggugccgaacu..... 1
Gi3_26689737_x23.....aucggagacgucgCgggaacacggg..... 1
Gi2_10131637_x23.....ggAaacacggggugccgaacu..... 1
Gi2_10131430_x23.....cUgggaacacggggugccgaac..... 1
Gi2_10121770_x23.....ucgugggaNcacggggugccgaac..... 1
Gi1_3804740_x23.....gggaacacggggCgccgaacu..... 1
Gi2_10132971_x23.....auUggagacgucgugggaaca..... 1
Gi3_26702410_x23.....aCcacggggugccgaacu..... 1
Gi5_8233668_x23.....Cugggaacacggggugccgaac..... 1
Gi2_10128923_x23.....cgGgggaacacggggugcc..... 1
Gi3_26705630_x23.....gugggaacacAggugccga..... 1
Gi3_26705676_x23.....cUgagacgucgugggaacacggg..... 1
Gi5_8224399_x23.....cUugggaacacggggugc..... 1
Gi5_8222835_x23.....aacacggggugccgaaUu..... 1
Gi5_8228976_x23.ugcgauccgagacgucgugggaacacg..... 0
Gi5_8225020_x23.....gggaacacggggugccAaacu..... 1
Gi3_26701444_x23.....aucggGgacgucgugggaacacggg..... 1
Gi3_26705009_x23.....cUucgugggaacacggggugccgaa..... 1
Gi2_10134696_x23.....gugggaacacggAgugccgaac..... 1
Gi2_10137157_x23.....gggaacacggggugcAgaacu..... 1
Gi2_10135869_x23.....ucgugggaacacAgggugccgaacu..... 1
Gi5_8222766_x23.....gugggaacacggggugccgaGc..... 1
Gi1_3801497_x23.....cUucgugggaacacggggugcc..... 1
Gi3_26685781_x23.....aacaAggggugccgaacu..... 1
Gi5_8231920_x23...gaucggagacgucgugggaaca..... 0
Gl1a_5467500_x23.....cgugggaacacggggugccgCacu..... 1
Gi3_26681411_x23.....ugggaacacggggugccgaaU..... 1
Gi5_8232817_x23.....cgucgugggaacacggggugccgaacu..... 0
Gi3_26702640_x23.....gugggaacacggggugccAaa..... 1
Gi5_8239327_x22.....aacacggggugccgaaAu..... 1
Gi3_26731542_x22.....Ugagacgucgugggaacacggggugccgaacu..... 1
Gi3_26726746_x22.....cgucgugggaacacggggugccgaacuA..... 1
Gi2_10145470_x22...gGucggagacgucgugggaacacggg..... 1
Gi2_10154886_x22.....gugggGacacggggugccga..... 1
Gi2_10151190_x22.....acgucgugggaacacggggugccgaa..... 0
Gi3_26725140_x22.....gaacacgggUugccgaacu..... 1
Gi3_26736954_x22.....aucggagacgucgugggCacacggggu..... 1
Gi3_26729782_x22.....aacacggggugccgaacG..... 1
Gi3_26710092_x22.....gugggaacacggggugUcgaa..... 1

Gi2_10140652_x22.....cggagacgucgugggaacacggggugccgaacu.....	0
Gi2_10141950_x22.....gugggaacGcggggugccga.....	1
Gi3_26734578_x22.....cgucgugggaacGcggggugccgaac.....	1
Gi3_26713744_x22.....ugggaaUacggggugccgaac.....	1
Gi3_26719948_x22.....ugggaacacggggugccUaacu.....	1
Gi3_26716956_x22.....gucgugggaacacggggUaccgaac.....	1
Gi2_10144898_x22.....gggGacacggggugccgaac.....	1
Gi3_26738516_x22.....gucgugggaacGcggggugccgaac.....	1
Gi1_3813129_x22.....gucgugggaacacggggugccgaacuu.....	0
Gi5_8236423_x22.....ucAugggaacacggggugccgaacu.....	1
Gi1_3808069_x22.....cgucgugggaacacggggGgccgaacu.....	1
Gi3_26738274_x22.....gugggaacacggUgugccg.....	1
Gi3_26711346_x22.....ggagacgucgugggaacacggggugccgaacA.....	1
Gi5_8236445_x22.....gaacacggAgugccgaacu.....	1
Gi1_3808179_x22.....gugggaacacggggugccgaU.....	1
Gi3_26718518_x22.....ucgugggaacacggggugccgaCc.....	1
Gi3_26740232_x22.....gugggaacacggggugcUgaa.....	1
Gi1_3812051_x22.....ucgugggaacacggggGgccgaacu.....	1
Gi3_26729298_x22.....Uugggaacacggggugccgaacuu.....	1
Gi3_26712754_x22.....Naacacggggugccgaacu.....	1
Gi5_8242495_x22.....gggaacacgAggugccgaacu.....	1
Gi1_5474763_x22.....cgugggaacacgAggugccgaacu.....	1
Gi2_10140300_x22.....ucgugggaacacgggAugccgaacu.....	1
Gi3_26734908_x22.....aacCggggugccgaacu.....	1
Gi1_3808883_x22.....guggAaacacggggugccgaacu.....	1
Gi2_10144524_x22.....Agagacgucgugggaacacggggugcc.....	1
Gi1_3808201_x22.....ucgugggaacacggggugccgaCcu.....	1
Gi3_26732862_x22.....acgucgugggaacacAgggugccgaacu.....	1
Gi1_5478437_x22.ugcgauccggagacgucguggga.....	0
Gi1_3806991_x22.....gagacgucgugggaacacggggugccgaac.....	0
Gi3_26720212_x22.....ugggaacacggAgugccgaac.....	1
Gi2_10143270_x22.....cgGgggaacacggggugc.....	1
Gi3_26727912_x22.....gggaacacggggugccgaG.....	1
Gi3_26738714_x22.....Uaucggagacgucgugggaaca.....	1
Gi3_26737438_x22.....gucgugggaacacggggugccgGac.....	1
Gi2_10139860_x22.....cgugggaaNacggggugccga.....	1
Gi2_10141752_x22.....ugggaacacggggugccgUacu.....	1
Gi3_26716560_x22.....gCcgugggaacacggggugccgaac.....	1
Gi1_3810401_x22.....Agggaacacggggugccgaacu.....	1
Gi2_10142016_x22.....cgugggaacacggggugcGgaacu.....	1
Gi1_3810753_x22.....ugggaacacggggugccgaGcu.....	1
Gi3_26717154_x22.....Uucggagacgucgugggaacacggg.....	1
Gi3_26722214_x22.....ugggaacacggggugAcgaacu.....	1
Gi2_10151828_x22.....aucggagacgucgugggaCcacggggugc.....	1
Gi2_10139486_x22.....agacgucgugggaacacggggugccgaa.....	0
Gi5_8235917_x22.....Aggaacacggggugccgaac.....	1
Gi2_10147340_x22.....cggagacgucgugggaacacggggugccga.....	0

Gi3_26715174_x22....gaucggagacgucgugggCacacggg.....	1
Gi3_26712490_x22.ugcgaucggagacgucgugggaacacg.....	0
Gi3_26721642_x22.....cgugggaacacggggugccgUac.....	1
Gi3_26727846_x22.....uggNaacacggggugccgaacu.....	1
Gi5_8235433_x22.....aacacgggAugccgaacu.....	1
Gi2_10151278_x22.....gggaaUacggggugccgaacu.....	1
Gi5_8236071_x22...cgaucggagacgucgugggaacacggg.....	0
G1a_5475379_x22...Uaucggagacgucguggga.....	1
Gi1_3810643_x22.....gacgucgCgggaacacggggugccgaacu.....	1
Gi2_10145514_x22.....gugggaGcacggggugccga.....	1
Gi1_3811061_x22.....Ggggaacacggggugccgaac.....	1
Gi5_8243441_x22.....cgugggaaAacggggugccgaacu.....	1
Gi2_10138980_x22.....cggagacgNcgugggaacacggggugcc.....	1
Gi2_10139574_x22.....gugggaacacggAgugcc.....	1
G1a_5477051_x22.....ggaacacggggugccgCacu.....	1
Gi3_26718738_x22.....cgugggaacacgggAugccg.....	1
Gi2_10151938_x22.....gGcgugggaacacggggugc.....	1
Gi1_3816066_x21.....cgugggaacGcggggugccgaacu.....	1
Gi2_10165933_x21.....cgucgugggaGcacggggugccgaacu.....	1
Gi2_10156273_x21.....cgugggaacacggggugccgaUcu.....	1
Gi3_26758362_x21.....cgucUugggaacacggggugccgaacu.....	1
Gi1_3814239_x21.....cUgagacgucgugggaacacggggugcc.....	1
Gi3_26762100_x21.....gggaacacggggugccgaacG.....	1
Gi2_10163350_x21.....cgugggaacGcggggugccgaac.....	1
Gi1_3817872_x21.....Uucgugggaacacggggugccgaac.....	1
Gi2_10169734_x21.....gCgggaacacggggugccga.....	1
Gi3_26763276_x21.....gggaacacgAggugccgaac.....	1
Gi3_26770605_x21.....ugggaacacggggGgccgaac.....	1
Gi3_26745258_x21.....gugggaacacgggguCccgaacu.....	1
Gi5_8258109_x21.....gucgugggaacGcggggugccgaacu.....	1
Gi1_3820497_x21.....ucgugggaacacggggugccgaacuu.....	0
Gi3_26746266_x21....aucggagacgucgugggaacacggggugccgaac.....	0
Gi5_8255925_x21.....aacacggggugccgUacu.....	1
G1a_5489137_x21.....cgCgggaacacggggugccgaacu.....	1
Gi5_8256555_x21.....acgucgugggaacacggggCgccgaacu.....	1
Gi3_26755023_x21....aucggagacgucgugggaacacggggugccga.....	0
Gi5_8261469_x21.....guUggaacacggggugccgaac.....	1
Gi3_26753910_x21.....gaacacgggCugccgaacu.....	1
Gi2_10165660_x21.....gugggaacacgUggugccgaacu.....	1
Gi3_26769051_x21.....ucgugggaacacggAgugccgaacu.....	1
G1a_5488801_x21..gcaucggagacgucgugggaacacggg.....	0
Gi3_26767644_x21....aucggagacgucgCgggaacacggggu.....	1
Gi3_26751243_x21....gaucggagacgucgugggaacacggggC.....	1
Gi2_10157869_x21.....cguUggaacacggggugccgaacu.....	1
Gi3_26758908_x21.....uAggaacacggggugccg.....	1
Gi3_26744376_x21.....gaacacggggugcUgaac.....	1
Gi2_10156399_x21.....gucAugggaacacggggugccgaacu.....	1

Gi3_26748639_x21.....cgucgugggaacacgggguAccgaacu..... 1
 Gi2_10168516_x21.....Nugggaacacggggugccgaacu..... 1
 Gi2_10159318_x21.....ugggaGcacggggugccgaac..... 1
 Gi2_10170028_x21.....cgAggggaacacggggugcc..... 1
 Gi2_10158751_x21.....gugggaacacggggugcGgaacu..... 1
 Gi2_10169398_x21.....Ggugggaacacggggugccgaa..... 1
 Gi1_3820896_x21.....cUugggaacacggggugccgaacuu..... 1
 Gi5_8254329_x21.....gCcgugggaacacggggugccgaacu..... 1
 Gi3_26758950_x21.....cgugggaaNacggggugccg..... 1
 Gi3_26742885_x21.....ugggaacacgggguAccgaac..... 1
 Gi2_10158814_x21.....gGcgucgugggaacacggggugccgaacu..... 1
 Gi3_26750172_x21.....Uagacgucgugggaacacg..... 1
 Gi2_10164967_x21.....gcgaucggagacgucgugggaacacggggugc..... 0
 Gi3_26768715_x21.....gaucggagacgucgugggaGcacgggu..... 1
 Gi2_10173031_x21.....ugggaCcacggggugccgaacu..... 1
 Gi3_26751600_x21.....cgucgugggaacacggggugccgGacu..... 1
 Gi5_8258256_x21.....ucgugggaacacggggugcUgaacu..... 1
 Gi5_8261994_x21.....ggaacacggggGgccgaacu..... 1
 Gi3_26768043_x21.....aGcggagacgucgugggaacacggggugc..... 1
 Gi3_26753196_x21.....ucgugggaGcacggggugccgaac..... 1
 Gi2_10169146_x21.....gggaacCcggggugccgaacu..... 1
 Gi2_10169062_x21.....cgugggaGcacggggugccgaac..... 1
 Gi3_26743788_x21.....gugggaacacggggugccgaacuuu..... 0
 Gi3_26759643_x21.....aucggagaNgucgugggaacacgg..... 1
 Gi3_26762289_x21.....gugUgaacacggggugccgaac..... 1
 Gi3_26750361_x21.....ggaGacggggugccgaac..... 1
 Gi2_10172569_x21.....gggaacGcggggugccgaac..... 1
 Gi5_8256954_x21.....ucguggAaacacggggugccgaacu..... 1
 Gi3_26757270_x21.....gugggaacacAgggugccg..... 1
 Gi3_26763192_x21.....Gcgugggaacacggggugccg..... 1
 Gi3_26743704_x21.....ucgugggaacacggggugUcgaacu..... 1
 Gi1_3813924_x21.....cgucguggNaacacggggugccgaacu..... 1
 Gi3_26745657_x21.....Cgggaacacggggugccgaa..... 1
 Gl1_5487352_x21.....Uaucggagacgucgugggaacacggg..... 1
 Gi3_26754204_x21.....ugggaacacggggugccgG..... 1
 Gi1_3814281_x21.....cgaucggagacgucgugggaacacgggu..... 0
 Gi3_26769282_x21.....gaaAacggggugccgaacu..... 1
 Gi2_10163413_x21.....gucgugggaaAacggggugccgaacu..... 1
 Gi3_26799045_x20.....aucggagacgucgugggaacGcggg..... 1
 Gi3_26794245_x20.....ugggaacacggggugUcgaac..... 1
 Gi5_8277069_x20.....gaacacgggAugccgaacu..... 1
 Gi5_8277049_x20.....gaacGcggggugccgaac..... 1
 Gi3_26784645_x20.....ucggagacgucgugggaacacggggugccg..... 0
 Gi5_8266309_x20.....Acgugggaacacggggugccgaacu..... 1
 Gi3_26782065_x20.....cgucgugggaacCcgggugcc..... 1
 Gi5_8275509_x20.....aacacggggugcAgaacu..... 1
 Gi2_10178229_x20.....cgugggaacacAgggugccgaac..... 1

Gi5_8263669_x20.....Ggggaacacggggugccgaa..... 1
 Gi3_26804745_x20.....ucguggaacCcggggugccgaac..... 1
 Gi5_8268589_x20.....uUggaacacggggugccgaacuu..... 1
 Gi2_10176509_x20cugcgauacgagacgucgugggaacacg..... 0
 Gi1_3826590_x20.....gugggaaUacggggugccgaacu..... 1
 Gi2_10182229_x20.....ugUgaacacggggugccgaac..... 1
 Gi3_26801485_x20.....cgGgggaacacggggugccgaa..... 1
 Gi3_26775365_x20.....aucggagacgucguAggaacacggg..... 1
 Gi3_26785505_x20.....cgAgggaacacggggugccga..... 1
 Gi2_10175749_x20.....gugggaacacggggCgccga..... 1
 Gi2_10174549_x20.....cgAcgugggaacacggggugccgaacu..... 1
 Gi5_8275669_x20.....ucguggaacaUggggugccgaacu..... 1
 Gi3_26797925_x20.....ggUacacggggugccgaa..... 1
 Gi3_26795005_x20.....gugggUacacggggugccga..... 1
 Gi1_3823050_x20.....uUggaacacggggugccgaacuu..... 1
 Gi3_26779045_x20.gcgauacgagacgucgugggaacacggg..... 0
 Gi2_10182389_x20.ugcgauacgagacgucgugggaacac..... 0
 Gi5_8268569_x20.....gucgugggaacacggggugccgaGcu..... 1
 Gi2_10183909_x20.....ucgugggaGcacggggugccgaac..... 1
 Gi3_26780825_x20.....ugggaacacgggAugccgaac..... 1
 Gi3_26777645_x20.....guggUaacacggggugccg..... 1
 Gi5_8273989_x20.....agacgucgugggaacacggggugccgaacuA..... 1
 Gi1_3825710_x20.....Uaacacggggugccgaacuu..... 1
 Gi3_26785065_x20.....Uacgucgugggaacacggg..... 1
 Gi3_26791765_x20.....ugggaacacggggAgccgaa..... 1
 Gi3_26786225_x20.....ugggUacacggggugccgaac..... 1
 Gi5_8270509_x20.....cgugggaacacggggugccgaUc..... 1
 Gi3_26788645_x20.....aucggagaNgucgugggaacacggggugcc..... 1
 Gi3_26799225_x20.....aucggagacgucgugggaacacggggCgcc..... 1
 Gi2_10181849_x20.....gggaacacggggugccgCac..... 1
 Gi1_3828790_x20.....cgugggaacacgUggugccgaacu..... 1
 Gi3_26786405_x20.....cgugggaacGcggggugc..... 1
 Gi3_26783465_x20.....cgAgggaacacggggugccg..... 1
 Gi3_26791265_x20.....cgucguggNaacacggggugccg..... 1
 Gi2_10183689_x20.....cgugggaaNacggggugc..... 1
 Gi3_26782965_x20.....gggaacacggggugcAgaac..... 1
 Gi3_26798645_x20.....gugggaacacggggugccgaaGu..... 1
 Gi2_10186869_x20.....cgugggaacacggggugccAaac..... 1
 Gi3_26789965_x20.....ugggaacaAgggugccgaacu..... 1
 Gi2_10185369_x20.....gaacacgAggugccgaacu..... 1
 Gi5_8267029_x20.....ggaacacggggugcUgaacu..... 1
 Gi3_26801745_x20.....cgugggaaGacggggugccgaacu..... 1
 Gi2_10174109_x20.....cgugUgaacacggggugcc..... 1
 Gi2_10175069_x20.....acgucgugggaacacggggugccgCacu..... 1
 Gi3_26781065_x20.....ucgugggaacacggggugccgGacu..... 1
 Gi5_8269269_x20.....gucgCgggaacacggggugccgaacu..... 1
 Gl1a_5495320_x20.....Aggaacacggggugccgaacu..... 1

Gi2_10181569_x20.....Ggggaacacggggugccgaa..... 1
 Gi3_26773145_x20.....acgucgugggaacacggggugcAgaacu..... 1
 Gi3_26801945_x20.....cgGcgugggaacacggggugccgaac..... 1
 Gi3_26774005_x20.....ugggaacacggggCgccga..... 1
 Gi5_8265949_x20.....gugNgaacacggggugccgaacu..... 1
 Gi3_26772865_x20.....ugggaacGcggggugccgaa..... 1
 Gi1_3824090_x20.....cguAggaacacggggugccgaacu..... 1
 Gi3_26780465_x20.....aucggagacgucgugggaacCcggg..... 1
 Gi2_10178389_x20.....cgucgugggGacacggggugccgaacu..... 1
 Gi2_10177009_x20.....agacgucgNgggaacacggggugccgaacu..... 1
 Gi2_10181349_x20.....auUggagacgucgugggaacac..... 1
 Gi2_10189929_x20.....aucggagGcgucgugggaacacggggugc..... 1
 Gi3_26779625_x20.....Ugagacgucgugggaaca..... 1
 Gi3_26809182_x19.....aucggCgacgucgugggaacacg..... 1
 Gi3_26822919_x19.....gugggaacacggggugccUaac..... 1
 Gi3_26808650_x19.....cgugggaacacggggCgcc..... 1
 Gi1_3829914_x19.....ugAgaacacggggugccgaacu..... 1
 Gi3_26806123_x19.....ugggaacacggggugccgaaAu..... 1
 Gi3_26812469_x19.....ucguUggaacacggggugccgaac..... 1
 Gi2_10202019_x19.....Gucggagacgucgugggaacacggggug..... 1
 Gi3_26821171_x19.....aacacgggCugccgaacu..... 1
 Gi2_10208859_x19.....ggaacacggggugcAgaacu..... 1
 Gi2_10204698_x19.....cgucguggNaacacggggugccg..... 1
 Gi3_26821133_x19.....gaacGcggggugccgaac..... 1
 Gi3_26809448_x19.....gGucggagacgucgugggaacacg..... 1
 Gl1a_5506721_x19.....Cgaacacggggugccgaacu..... 1
 Gi1_3832498_x19.....ggaacacggggugccgGacu..... 1
 Gi2_10202684_x19.....ugggaacaNggggugccga..... 1
 Gi3_26821931_x19.....cgucgugggaacacgAgggugccgaacu..... 1
 Gi2_10197421_x19.....aucggagaNgucgugggaacacggggugcc..... 1
 Gi3_26808688_x19.....ucguAggaacacggggugccgaac..... 1
 Gi3_26833863_x19.....ucguggAaacacggggugccgaacu..... 1
 Gi5_8280256_x19.....ugggaacacgggAugccgaacu..... 1
 Gi1_3832764_x19.....ggagacgucgugggaacacggggug..... 0
 Gi3_26808593_x19.....cgugggGacacggggugccgaa..... 1
 Gi1_3834778_x19.....gagacgucgugggaacacggggugccga..... 0
 Gi3_26838404_x19.....ucgugggaacacggggAaccgaacu..... 1
 Gi3_26819043_x19.....Ggacgucgugggaacacggggugccgaacu..... 1
 Gi3_26808213_x19.....gggaacaAggggugccgaacu..... 1
 Gi3_26817789_x19.....auUggagacgucgugggaacacggggugcc..... 1
 Gi3_26808004_x19.....cgugggGacacggggugcc..... 1
 Gl1a_5501952_x19.....ucggagacgucgugggaGcag..... 1
 Gi3_26827346_x19.....aucggagacgucgugggaacCcg..... 1
 Gi1_3833353_x19.....acgucgugggaacacggggugccgaacuu..... 0
 Gi3_26806617_x19.....ucgugggaacacgggAugccgaacu..... 1
 Gi5_8287096_x19.....agacgucgNgggaacacggggugccgaacu..... 1
 Gi1_3833543_x19.....cggagacgucgugggaacacggggugccgaacu..... 0

Gi3_26828068_x19....aucggagacgucgugggaacacA.....1
 Gi3_26833806_x19.....gucAugggaacacggggugccgaacu.....1
 Gi2_10197877_x19.....gggaacacggggugccgaaAu.....1
 Gi3_26813153_x19.....acgucguAggaacacggggugcc.....1
 Gi2_10207206_x19.....ggUgacgucgugggaacacggggugc.....1
 Gi2_10193564_x19.....aGgucgugggaacacggggugcc.....1
 Gi5_8284208_x19.....aUacgucgugggaacacggggugccgaac.....1
 Gi2_10194704_x19.....gaacacggggUAccgaacu.....1
 Gi3_26820772_x19.....cCugggaacacggggugcc.....1
 Gi5_8284455_x19.....aacacggggugcGgaacu.....1
 Gi3_26823470_x19.....cgucgugggaacacggggugcUgaacu.....1
 Gi2_10207035_x19.....gugggaacacggggugccCaacu.....1
 Gi2_10196585_x19.....Ggacgucgugggaacacggggugccgaac.....1
 Gi3_26805192_x19.....ggaacacggggugccgaaUu.....1
 Gi3_26830044_x19.....Uagacgucgugggaacac.....1
 Gi1_3831700_x19.....guUgugggaacacggggugccgaacu.....1
 Gi3_26815205_x19.....cggagacgucgugggaacCcgggugcc.....1
 Gi2_10196604_x19.....ugggaacacggggugccgaUc.....1
 Gi2_10191227_x19.....cgugggaacacgUggugccgaac.....1
 Gi3_26820392_x19.....acgucgugggCacacggggugccgaacu.....1
 Gi5_8283467_x19.....ucgAgggaacacggggugccgaacu.....1
 Gi1_3836412_x19.....gugggaacacggUgugccgaacu.....1
 Gi1_3830693_x19.....ucAugggaacacggggugccgaacu.....1
 Gi2_10204717_x19.....Cucgugggaacacggggugccgaacu.....1
 Gi2_10194685_x19....aucggagacgucgugggGacac.....1
 Gi3_26831868_x19.....gugggUacacggggugcc.....1
 Gi1_3833448_x19.....aacacggggugccgaCcu.....1
 Gi3_26831944_x19.....ucgugAgaacacggggugccgaac.....1
 Gi2_10204603_x19.....uCggaacacggggugccgaac.....1
 Gi3_26831393_x19.....Ugugggaacacggggugcc.....1
 Gi3_26836960_x19.....ugggaacacAgggugccga.....1
 Gi2_10192538_x19....aucggagacAucgugggaacacggggU.....1
 Gi3_26814331_x19.....gaacacggggugccgCac.....1
 Gi3_26807947_x19.....ggaaUacggggugccgaacu.....1
 Gi5_8287229_x19...Uaucggagacgucgugggaacacgg.....1
 Gi5_8280180_x19.....gugUgaacacggggugccgaacu.....1
 Gi2_10206788_x19.....cgucgugggaacacggggugccgaGcu.....1
 Gi5_8283315_x19.....ucgugggaacacggggugUcgaacu.....1
 Gi3_26816554_x19.....ggAaacacggggugccgaac.....1
 Gi2_10194191_x19.....guggUaacacggggugccg.....1
 Gi5_8282384_x19.....Ggugggaacacggggugccga.....1
 Gi2_10198086_x19.....ggaacacggggUuccgaacu.....1
 Gi1_3843795_x18.....acacggggugccgaacuu.....0
 Gi3_26845666_x18....aCggagacgucgugggaacacgg.....1
 Gi3_26840914_x18.....gUaacacggggugccgaac.....1
 Gi3_26859022_x18.....gggaCcacggggugccgaacu.....1
 Gi2_10211566_x18.....gugggaacacgggAugccgaac.....1

Gi3_26873602_x18.....uggAaacacggggugccgaac..... 1
Gi3_26854378_x18.....gaacacgUggugccgaacu..... 1
Gi2_10218946_x18.....acgucgugggGacacggggugccgaacu..... 1
Gi5_8298063_x18.....ucgugggaacacggggugccGacu..... 1
Gi5_8294823_x18.....ugggUacacggggugccgaacu..... 1
G1a_5511743_x18.....gugggaacacggggugccAaacu..... 1
Gi1_3839151_x18.....cUugggaacacggggugccg..... 1
Gi2_10215166_x18.....gugggaaAacggggugccgaac..... 1
Gi2_10215796_x18.....Cugggaacacggggugccg..... 1
Gi3_26855872_x18.....gAcgugggaacacggggugccgaacu..... 1
Gi3_26856988_x18.....aucggGgacgucgugggaacacggggu..... 1
Gi2_10221286_x18.....gaacacggggugccAaacu..... 1
Gi5_8295327_x18.....gagacgucgugggaacacggggugccgaacA..... 1
Gi3_26856196_x18.....cgucgugggaacacggggCgc..... 1
Gi1_3840321_x18.....cgugggaacacggggugccAaacu..... 1
Gi2_10211368_x18.....ggaacacggggugccGac..... 1
Gi1_3839529_x18.....gugggaacacggggugccgaa..... 0
Gi2_10215958_x18.....Gcgucgugggaacacggggugcc..... 1
Gi1_3842913_x18.....ugggaacacggggugcUgaacu..... 1
G1a_5518727_x18.....cgugggaGcacggggugccgaacu..... 1
Gi3_26861254_x18.....cgugggaacGcggggugccga..... 1
Gi3_26873764_x18.....Cggaacacggggugccgaa..... 1
Gi3_26839222_x18.....gggaacacNgggugccgaa..... 1
Gi2_10209820_x18.....ugggaacCcgggugccgaacu..... 1
Gi2_10216282_x18.....ggaaGacggggugccgaacu..... 1
Gi2_10224310_x18.....agacgucgNgggaacacggggugcc..... 1
G1a_5514605_x18.....ggaacacggggCgccgaacu..... 1
Gi3_26867104_x18.....gggaacacggggugccGac..... 1
Gi2_10216156_x18.....aucggagacgucgugggaacGcggggugc..... 1
Gi1_3838377_x18.....ggUaacacggggugccgaacu..... 1
Gi2_10215490_x18.....ugggaacacgAggugccgaacu..... 1
G1a_5520599_x18.....gugggaacacggUgugccgaacu..... 1
Gi2_10220656_x18.....Ccgagacgucgugggaacacggggugcc..... 1
Gi2_10213312_x18.....cgucgugggaacCcgggugccgaacu..... 1
Gi2_10210720_x18.....aGgucgugggaacacggggugccgaacu..... 1
Gi3_26853874_x18.....gacgucgugggaGcacggggugccgaacu..... 1
Gi3_26839348_x18.....gugggaacacggUgugccgaa..... 1
Gi3_26848978_x18.....ucgugggaacacggggugccAaac..... 1
Gi2_10223608_x18.....aucggagaNgucgugggaaca..... 1
Gi2_10210252_x18.....Ggucgugggaacacggggugccga..... 1
Gi5_8296821_x18.....cgucgugggaacCcgggugccgaacu..... 1
Gi3_26847448_x18.....aacacggUgugccgaacu..... 1
Gi2_10215778_x18.....gugUgaacacggggugccgaacu..... 1
Gi3_26864836_x18.....cgucguAggaacacggggugcc..... 1
Gi3_26850130_x18.....Uacgucgugggaacacgg..... 1
Gi2_10219252_x18.....ugggaacacggggGgccgaacu..... 1
Gi3_26874952_x18.....cAuggaacacggggugcc..... 1

Gi3_26844478_x18.....cgucUugggaacacggggugcc..... 1
Gi3_26859454_x18.....cgugggaacacggggugAcgaac..... 1
Gi3_26845018_x18.....gugggaaUacggggugccga..... 1
Gi3_26859562_x18.....cgugggaacacggggUccgaacu..... 1
Gi3_26868922_x18.....ucgugggaacacggggugcAgaacu..... 1
Gi1_3840033_x18.....gggaacacAgggugccgaacu..... 1
Gi3_26869786_x18.....cggagacgNcgugggaacacggggugcc..... 1
Gi5_8296047_x18.....cgucgCgggaacacggggugccgaacu..... 1
Gi2_10211080_x18.....ucgugggaacacggggugccgUacu..... 1
Gi3_26854612_x18.....gaGcacggggugccgaac..... 1
G1a_5514857_x18.....gugggaacacgAgggugccgaacu..... 1
Gi1_3838251_x18.....ucggagacgucgugggaacacggggU..... 0
G1a_5516513_x18.ugcgauccggagacgucgugggaacac..... 0
Gi5_8303337_x18.....gaacacggggAgccgaacu..... 1
Gi2_10223824_x18.....aucggagacgucgugggaacacggggCgc..... 1
Gi1_3838071_x18.....cgucgugggaacacggggugccgCacu..... 1
Gi2_10227370_x18..Ucgauccggagacgucguggga..... 1
Gi5_8293599_x18.....gugggaacacggggugccgaUcu..... 1
Gi3_26848564_x18.....ucgugggaacacggggugccgaaAu..... 1
Gi1_3839511_x18.....gUagacgucgugggaacacggggugccg..... 1
Gi3_26857456_x18.....gugggaacacggUgugccga..... 1
Gi3_26872090_x18.....Acgugggaacacggggugccgaacu..... 1
Gi5_8300043_x18.....ugggaacaNggggugccgaac..... 1
Gi5_8298099_x18.Ggcgauccggagacgucgug..... 1
Gi2_10211296_x18.....ugggUacacggggugccgaacu..... 1
Gi5_8294247_x18.....gugggaacacggggugccUaacu..... 1
Gi1_3843003_x18.....ucguAggaacacggggugccgaacu..... 1
Gi2_10223518_x18.....Uacgucgugggaacacggggugccgaac..... 1
Gi5_8293113_x18.....Ugucgugggaacacggggugccgaacu..... 1
Gi2_10217434_x18.....Augggaacacggggugccgaa..... 1
Gi5_8296281_x18.....ugggaacacggggUaccgaac..... 1
Gi3_26851624_x18.....ggaacUcggggugccgaacu..... 1
Gi2_10219936_x18.....Cggaacacggggugccgaac..... 1
Gi1_3844587_x18.....ggagacgucgCgggaacacggggugccga..... 1
Gi2_10211692_x18.....gaacaUggggugccgaacu..... 1
Gi3_26874880_x18.....Ngugggaacacggggugccgaacu..... 1
Gi3_26862172_x18.....gaacacCggggugccgaacu..... 1
Gi1_3845271_x18.....ggaacacggggugccgaGcu..... 1
G1a_5514965_x18.....gugggaacaUggggugccgaacu..... 1
Gi2_10212088_x18.....ucUugggaacacggggugccgaacu..... 1
Gi3_26852344_x18.....ggaNcacggggugccgaacu..... 1
Gi3_26859634_x18.....cgucgugggaacacAgggugccgaacu..... 1
Gi3_26838790_x18.....UagacgucgugggaacacggggU..... 1
Gi2_10217578_x18.....acgucgugggaacacggggGgccgaacu..... 1
Gi3_26875150_x18.....ggaaUacggggugccgaac..... 1
Gi5_8302491_x18.....cgugggaUcacggggugccgaacu..... 1
Gi2_10222258_x18.....acgucgugggaacacggggGgcc..... 1

Gi2_10234455_x17.....aucggagacgucguggaacGcggggu..... 1
 Gi2_10246168_x17.....uggaacGcgggugccgaac..... 1
 Gi2_10240286_x17.....gucguggaacacggggugcUgaacu..... 1
 Gi1_3852962_x17.....guggaacacggAgugccgaacu..... 1
 G1a_5531573_x17.....gugAgaacacggggugccgaacu..... 1
 Gi3_26876886_x17.....aucggagGcgcgucguggaacacgg..... 1
 Gi3_26876750_x17.....acgucguggaacacggggGgccgaac..... 1
 Gi3_26910223_x17.....cguggaacacggggGgccga..... 1
 Gi2_10234880_x17.....cguggaGcacggggugcc..... 1
 Gi5_8309698_x17.....gucguggGacacggggugccgaacu..... 1
 Gi1_3854135_x17.....aucggGgacgucguggaacacggggugcc..... 1
 Gi3_26907299_x17.....Agggaacacggggugccgaa..... 1
 Gi3_26895331_x17..Ucgaucggagacgucgug..... 1
 Gi3_26904239_x17.....aCgggagacgucguggaacacgggg..... 1
 Gi3_26891846_x17.....aucggagacgucguggGacacgg..... 1
 Gi1_3854475_x17.....gAgaacacggggugccgaacu..... 1
 Gi3_26900737_x17.....aucggagGcgcgucguggaacacgggg..... 1
 Gi3_26881884_x17.....acgucguggaacacggggugccGac..... 1
 Gi3_26880167_x17.....cguggGcacacggggugccgaac..... 1
 Gi2_10247681_x17.....cggGgacgucguggaacacggggugccga..... 1
 Gi3_26903066_x17.....ucguggaacacggggugccGacu..... 1
 Gi2_10232058_x17.....cgucguggaacacggggGccg..... 1
 Gi5_8315546_x17.....aacacggUgugccgaacu..... 1
 G1a_5522461_x17.....Ccgucguggaacacggggugccgaacu..... 1
 Gi3_26912467_x17..gcgaucggagacgucguggaacacggggug..... 0
 Gi3_26912484_x17.....Uaucggagacgucguggaac..... 1
 Gi3_26899734_x17.....cgugUgaacacggggugccga..... 1
 Gi2_10229270_x17.....cguggaacacggggugccgaaA..... 1
 Gi2_10234081_x17.....Ggucguggaacacggggugcc..... 1
 G1a_5529618_x17.....guggAaacacggggugccgaacu..... 1
 Gi2_10248616_x17.....guggUaacacggggugccga..... 1
 Gi1_3851381_x17.....gggaacacggggGgccgaacu..... 1
 Gi5_8312605_x17.....guggaacacggggGgccgaac..... 1
 Gi2_10248225_x17.....cguggaacUguggugccgaac..... 1
 Gi2_10249041_x17.....ucguggaacacggggugcUgaacu..... 1
 Gi2_10245845_x17.....cguggGacacggggugcc..... 1
 Gi3_26894022_x17.....acgucguggaacacggggugccgaUc..... 1
 Gi5_8321394_x17.....cgugCgaacacggggugccgaacu..... 1
 Gi3_26905803_x17.....ggaacUcggggugccgaac..... 1
 Gi3_26901808_x17.....guggaacacUguggugccgaac..... 1
 Gi5_8319150_x17..Uaucggagacgucguggaacac..... 1
 Gi2_10230341_x17.....aCgggagacgucguggaacacg..... 1
 Gi1_3847505_x17.....uggaacacggggugccAaacu..... 1
 Gi3_26893138_x17.....gucguggGacacggggugccgaac..... 1
 Gi2_10230392_x17..gcgaucggagacgucguggaacacggggug..... 0
 Gi3_26913130_x17.....ggaacacggggugccgaaAu..... 1
 Gi3_26896810_x17.....gaacacUguggugccgaacu..... 1

Gi2_10234557_x17....aucgUagacgucgugggaacacggggugc..... 1
 Gi3_26882088_x17.ugcgaucggagacgucgugggaacacggg..... 0
 Gi2_10241221_x17.....cAucgugggaacacggggugccgaacu..... 1
 Gi3_26877345_x17....aucggagacgucgugggaacacAgg..... 1
 Gi3_26896385_x17.....cgugggaacUcggggugccgaac..... 1
 Gi1_3854645_x17.....ggaacGcggggugccgaacu..... 1
 Gi3_26901179_x17.....acgucgugggaacGcggg..... 1
 Gi2_10233928_x17....aucggagacgucgugggaCcac..... 1
 Gi3_26891506_x17.....ugggaacacggggugUcгаа..... 1
 Gi3_26900686_x17.....Ugagacgucgugggaacacggggugccgaac..... 1
 Gi2_10239504_x17.....gaacacggggugUcгааacu..... 1
 Gi5_8309528_x17.....cgAcgugggaacacggggugccgaacu..... 1
 Gi3_26894056_x17.....cgugggGacacggggugccga..... 1
 Gi3_26907095_x17.....ugggaacacggggugcUгаа..... 1
 Gi3_26877464_x17..cgaucggagacgucgugggaacacggg..... 0
 Gi3_26896946_x17.....gucgugAgaacacggggugccgaacu..... 1
 Gi3_26879589_x17.....gucguggAaacacggggugccgaacu..... 1
 Gi1_3849715_x17.....gggaacacggggugccgaGcu..... 1
 Gi3_26909577_x17.....gugggaacaAggggugcc..... 1
 Gi3_26894855_x17.....ugggaacacggggCgccc..... 1
 Gi2_10248242_x17.....Ugagacgucgugggaacacggggu..... 1
 Gi2_10247970_x17.....uAggaacacggggugccgaac..... 1
 Gi2_10231004_x17.....uUggaacacggggugccgaacu..... 1
 Gi3_26906143_x17.....gucgugggaacacgggAugccgaacu..... 1
 Gi1_3852248_x17.....Cacacggggugccgaacu..... 1
 Gi3_26888939_x17.....agacgucgNgggaacacggggugccgaacu..... 1
 Gl1_5528054_x17....aucggagacgucgugggaacacggAgugcc..... 1
 Gi1_3852265_x17....Uaucggagacgucgugg..... 1
 Gi3_26877719_x17.....gugggaacacggggugUcгаа..... 1
 Gi3_26912603_x17.....guggCaacacggggugccgaac..... 1
 Gi5_8310378_x17.....ggAaacacggggugccgaacu..... 1
 Gi2_10244128_x17.....gucgCgggaacacggggugccgaacu..... 1
 Gi5_8310854_x17.....gugggaacacggggugccgaacG..... 1
 Gi2_10235220_x17....aucggagacgucgugggaCcacggggugcc..... 1
 Gi5_8316345_x17.....ugggaacacgggCugccgaacu..... 1
 Gi2_10244723_x17.....guNggaacacggggugccgaacu..... 1
 Gi3_26878280_x17.....cUgagacgucgugggaacac..... 1
 Gi2_10231140_x17.....ggaacaUggggugccgaac..... 1
 Gi1_3854764_x17.....gugggaacacggggugccgaU..... 1
 Gl1_5521849_x17.....uAggaacacggggugccgaacu..... 1
 Gi2_10237668_x17.....gggaGcacggggugccgaac..... 1
 Gi5_8316532_x17.....ggaacacggggCgcccgaac..... 1
 Gi2_10247443_x17.....ucgugggGacacggggugccgaac..... 1
 Gi3_26906500_x17.....gucgugggaacaUggggugccgaacu..... 1
 Gi3_26882938_x17.....ucgugggaaUacggggugccgaacu..... 1
 Gi2_10235050_x17.....Ugagacgucgugggaacacggggug..... 1
 Gi1_3848882_x17.....aacacgAgggugccgaacu..... 1

Gi3_26893750_x17.....Gggagacgucguggaacacggggugcc..... 1
 Gi2_10239555_x17.....cguggaacacgCggugccgaacu..... 1
 Gi2_10235764_x17.....aucggagacgucguggaacacggggCgcc..... 1
 Gi5_8320969_x17.....ucgugAgaacacggggugccgaacu..... 1
 Gi3_26875339_x17.....cggagacgucguggaacCcggggu..... 1
 Gi2_10232092_x17.....uggaacacgggAugccgaacu..... 1
 Gi1_3849443_x17.....gCaacacggggugccgaacu..... 1
 Gi2_10236223_x17.....gAgaacacggggugccgaac..... 1
 Gi2_10238637_x17.....gaacacggggGgccgaacu..... 1
 Gi2_10248208_x17.....aucggagacgucgugggGaca..... 1
 Gi2_10234472_x17.....Ugagacgucguggaacac..... 1
 Gi1_3858417_x16.....cguggaacacggggugc..... 0
 Gi3_26949069_x16.....Cucggagacgucguggaacacgggggu..... 1
 Gi3_26915997_x16.....gGcgucguggaacacggggugccgaac..... 1
 Gi3_26922349_x16.....gacgucguggaacacggggGgccgaacu..... 1
 Gi3_26946493_x16.....aucAgagacgucguggaacacgggggu..... 1
 Gi5_8332400_x16.....gAgggaacacggggugccgaac..... 1
 Gi3_26947821_x16.....Uguggaacacggggugccga..... 1
 Gi2_10266985_x16.....cggaUacgucguggaacacggggugcc..... 1
 Gi3_26943021_x16.....agUcgucguggaacacggggugccgaacu..... 1
 Gl1a_5542717_x16.....uGgaacacggggugccgaacu..... 1
 Gi2_10263721_x16.....Uaucggagacgucguggaac..... 1
 Gi3_26946269_x16.....cUgggaacacggggugccga..... 1
 Gi3_26919405_x16.....acgucgugggGacacggggugccgaac..... 1
 Gi3_26939629_x16.....ucguggaacacggggAuaccgaac..... 1
 Gi3_26946285_x16.....gucgugggGcacggggugccgaac..... 1
 Gi3_26952061_x16.....gAgggaacacggggugccg..... 1
 Gi2_10252233_x16.....aacacggggugccgaaUu..... 1
 Gi2_10267145_x16.....guggaacacggggugccgUac..... 1
 Gi3_26933677_x16.....guggaacacgUggugccgaac..... 1
 Gi3_26923997_x16.....ggaacacggggugAcgaac..... 1
 Gi2_10259737_x16.....guggaacacggggugccgaaU..... 1
 Gi5_8323872_x16.....cUucguggaacacggggugc..... 1
 Gi3_26948573_x16.....gacgucguggaacacggggCgccgaac..... 1
 Gi5_8338224_x16.....uggaacacggggugccgaaAu..... 1
 Gi3_26926621_x16.....ucgugggACacggggugccgaacu..... 1
 Gi3_26914301_x16.....uggaacacggggugccAa..... 1
 Gi3_26941741_x16.....cgucguggaacacggggGgccg..... 1
 Gi2_10256089_x16.....ucggagacgucguggaacacggggugccga..... 0
 Gi1_3861953_x16.....acgucgugggAACacggggugccgCacu..... 1
 Gi3_26934733_x16.....guggAaacacggggugccg..... 1
 Gi2_10260009_x16.....cgucgugggAACGcggggugccgaacu..... 1
 Gi3_26940045_x16.....gggaacacggggugAcgaacu..... 1
 Gi3_26917373_x16.....acgucgugggAACacggggugcUgaacu..... 1
 Gi1_3855281_x16.....gCgaacacggggugccgaacu..... 1
 Gi3_26947341_x16.....aucggagacgucgUAggaacacg..... 1
 Gi2_10270937_x16.....gaacacggAgugccgaacu..... 1

Gi3_26915021_x16.....cUgagacgucguggaacacggggugccga..... 1
Gi3_26919069_x16.....uggaacacggggugccgaaA..... 1
Gi3_26914509_x16.....guggaacacggggugAcga..... 1
Gi2_10269785_x16.....guggaacacggggugAcgaaC..... 1
Gi2_10265865_x16.....guggaacacggggugccgaG..... 1
Gi3_26925453_x16.....guggaacacggAgugccg..... 1
Gi5_8334016_x16.....gucgugggaGcacggggugccgaacu..... 1
Gi2_10254057_x16.....cgucgugggGacacggggugccg..... 1
Gi2_10255673_x16.....Gcggagacgucguggaacacg..... 1
G1a_5543101_x16.....gggaacacNgggugccgaacu..... 1
Gi3_26943277_x16...cUaucggagacgucguggaacacggggg..... 1
Gi3_26945245_x16.....Ggucguggaacacggggugccga..... 1
Gi2_10261801_x16.....aacacggggAccgaacu..... 1
Gi2_10252985_x16.....guggaacacggggCgccc..... 1
Gi3_26948909_x16.....gucguggaacacgAggugccgaacu..... 1
Gi1_3862353_x16.....guggaacacgAggugccgaacu..... 1
Gi2_10258633_x16.....guggaacacgggAugcc..... 1
Gi4_508468_x16.....agacgucguggaacacggggugccgaacu..... 0
Gi1_3858817_x16.....cguggaacUcggggugccgaacu..... 1
Gi2_10251209_x16.....gugggUacacggggugccgaac..... 1
Gi3_26932061_x16.....gugAgaacacggggugccga..... 1
G1a_5542141_x16.....guggaacacggggugUcgaacu..... 1
Gi1_3855489_x16.....guggaacacgggAugccgaacu..... 1
Gi3_26920941_x16...aAcggagacgucguggaacacggg..... 1
Gi3_26947133_x16.....ucgAgggaacacggggugccgaacu..... 1
Gi4_508724_x16.....ggaacacggggugccgaacu..... 0
Gi2_10264681_x16.....ggaaUacggggugccgaacu..... 1
Gi2_10266617_x16.....Cuggaacacggggugccga..... 1
Gi3_26921437_x16.....cgugggGacacggggugc..... 1
Gi3_26918093_x16.....uggaacacUgggugccgaacu..... 1
Gi2_10267641_x16.....gggaacacgAggugccgaacu..... 1
Gi2_10264569_x16.....aacacggggugcGgaacu..... 1
Gi2_10267481_x16.....gggaacacggggugccgaacG..... 1
Gi3_26920237_x16.....aacacggCgugccgaacu..... 1
Gi3_26932205_x16.....uggaacacggUgugccgaacu..... 1
Gi3_26948717_x16...Uaucggagacgucguggg..... 1
Gi3_26951997_x16.....cgucguggaacacggggAc..... 1
Gi3_26924189_x16.....uggaacacggggugccAaa..... 1
Gi5_8326400_x16.....gaacacggggugccgaaUu..... 1
Gi3_26924893_x16.....gggNacacggggugccgaacu..... 1
Gi1_3854897_x16.....uUggaacacggggugccga..... 1
Gi1_3855665_x16.....cgCcguggaacacggggugccgaacu..... 1
Gi1_3860737_x16.....uggaacacggggAgccgaacu..... 1
Gi3_26922685_x16.....gggaacacNgggugccga..... 1
Gi1_3857585_x16.....gucguggaacacggggugccgCacu..... 1
Gi1_3856865_x16.....gggaacacggggugccgGacu..... 1
Gi3_26935917_x16.....gucguggaacacggAgugccgaacu..... 1

Gi3_26913757_x16.....cguUgugggaacacggggugcc..... 1
Gi2_10261529_x16.....Uagacgucgugggaacacggggug..... 1
Gi3_26941853_x16.....acgucgugggaacacggggugccgGacu..... 1
Gi3_26919661_x16.....cgugUgaacacggggugc..... 1
Gi2_10253673_x16.....aacaUggggugccgaacu..... 1
Gi3_26914269_x16.....gucgugggaacacggggugcAgaacu..... 1
Gi1_3862289_x16.....Ugaacacggggugccgaa..... 1
Gi2_10252569_x16.....ggaacacggggugccgaaUu..... 1
Gi3_26927149_x16....Caucggagacgucgugggaacacggg..... 1
Gi3_26945933_x16.....ggaacCcgggugccgaacu..... 1
Gi3_26937837_x16.....Uucgugggaacacggggg..... 1
Gi3_26923933_x16.....ugggaacacggggugcGgaacu..... 1
Gi3_26927021_x16.....ucgugggaacacgAggugccgaacu..... 1
Gi3_26945453_x16.....Ggucgugggaacacggggugc..... 1
G1a_5536733_x16.....gggGacacggggugccgaacu..... 1
Gi3_26927741_x16.....ugggaacacgggUugccgaa..... 1
G1a_5535933_x16....cggagacgucgugggaacacggggug..... 0
Gi2_10264089_x16.....gGcgugggaacacggggugccga..... 1
Gi1_3860353_x16.....gGcgucgugggaacacggggugccgaacu..... 1
Gi2_10263897_x16.....acgucgugggaacacggggCgcc..... 1
Gi2_10262121_x16.....gggaacacggggugUcgaacu..... 1
Gi1_3857105_x16.....gugggaacacggggUaccgaacu..... 1
Gi1_3857713_x16.....gaacacggggGgccgaacu..... 1
Gi3_26914733_x16.....ucgugggaacacggggGgccgaac..... 1
Gi2_10292455_x15.....guUgugggaacacggggugccgaac..... 1
Gi1_3866567_x15.....gugggaaAacggggugccgaacu..... 1
Gi3_26961460_x15.....cgucgugggaacGcggggugcc..... 1
Gi2_10292410_x15....gaucgAagacgucgugggaacacggg..... 1
Gi3_26992150_x15.....cgugggaacGcggggugcc..... 1
Gi3_26957065_x15.....gugggaacacgggAugccga..... 1
Gi3_26964910_x15.....cgugUgaacacggggugccg..... 1
Gi2_10280290_x15.....gggaacacggggugccgaUc..... 1
Gi3_26986090_x15.....ucgugggCacacggggugccgaacu..... 1
Gi2_10288285_x15....cUgagacgucgugggaacacg..... 1
Gi2_10278850_x15.....gugggaacacggggCgccgaa..... 1
Gi3_26953795_x15....gaucggagNcgucgugggaacacggg..... 1
Gi1_3866357_x15.....gucgugggaacacggggugccgaaA..... 1
Gi2_10285135_x15....aucAgagacgucgugggaaca..... 1
Gi3_26976115_x15....aucAgagacgucgugggaacacggg..... 1
Gi2_10289020_x15.....gucgugggaacacggggugccgCac..... 1
G1a_5546579_x15....cUaucggagacgucgugg..... 1
Gi2_10282375_x15.....gugggaacCcgggugccgaa..... 1
Gi5_8344022_x15.....gugggaacacgUggugccgaacu..... 1
Gi5_8352467_x15.....ucgugggaacacgAggugccgaacu..... 1
Gi1_3871667_x15.....cgugggaaUacggggugccgaacu..... 1
Gi3_26958190_x15....acgucguggAaacacggggugccgaacu..... 1
Gi3_26975725_x15.....gggaacacggggugccgaaU..... 1

Gi3_26987935_x15.....cgucguggaGcacgggugccgaac..... 1
Gi3_26954680_x15.....acgucguAggaacacgggugccgaacu..... 1
Gi2_10277275_x15.....acgucguggaacacggggCgccgaacu..... 1
Gi5_8348927_x15.....gggGacacggggugccgaac..... 1
Gi2_10286815_x15.....gugggCacacggggugcc..... 1
G1a_5554544_x15...Uaucggagacgucgugggaacacggggu..... 1
Gi3_26980240_x15.....gggaacacggAgugccgaac..... 1
Gi3_26978905_x15.....uggaacGcggggugccga..... 1
Gi3_26986045_x15.....Ggacgucguggaacacggggugccgaac..... 1
Gi2_10289785_x15....aucggagacgucguggaacacggggGgc..... 1
Gi2_10277770_x15.....cggagacgucguggaGcacgggugcc..... 1
Gi1_3865442_x15.....Cgggaacacggggugccgaac..... 1
Gi2_10294120_x15.....gucguAggaacacggggugccgaacu..... 1
Gi2_10292485_x15.....gucguggaacacAgggugccgaacu..... 1
Gi3_26953120_x15.....ggaacacggggCgccgaa..... 1
Gi3_26957845_x15.....Cgaacacggggugccgaa..... 1
Gi2_10286545_x15....aucggagaNgucguggaacacggg..... 1
Gi3_26961295_x15.....ggaacacggggAgccgaac..... 1
Gi5_8342417_x15.....ggaaUacggggugccgaacu..... 1
Gi5_8342597_x15.....ucgugggCacacggggugccgaacu..... 1
Gi2_10289995_x15.....ucguggaacacggggugUcgaacu..... 1
Gi3_26991610_x15....aucggagaUgucguggaacacggggu..... 1
Gi3_26969725_x15.....gggaacGcggggugccgaa..... 1
Gi2_10282390_x15.....ggaacacggggugcUgaac..... 1
Gi2_10274620_x15....aucggagGcucguggaacacggggu..... 1
Gi2_10287400_x15.....cguggaacacgggCugccgaacu..... 1
Gi5_8341052_x15.....cgucguggaCcacggggugccgaacu..... 1
Gi5_8351357_x15.....cguggCaacacggggugccgaacu..... 1
Gi2_10286245_x15.....ucgugAgaacacggggugccgaacu..... 1
Gi3_26956360_x15.....gucguggaacacggggugAcgaacu..... 1
Gi1_3866147_x15.....gUgaacacggggugccgaacuu..... 1
Gi1_3864797_x15.....Cacgucguggaacacggggugccgaacu..... 1
Gi3_26985610_x15....gaucggagacgucgugggCacacggggu..... 1
Gi3_26976220_x15.....ucAugggaacacggggugccgaac..... 1
Gi2_10280350_x15...cgaucggagacgucguggaacacggggugcc..... 0
Gi3_26966320_x15.....gaacacgggguCccgaacu..... 1
Gi3_26959030_x15.....cgucguggaacGcggggugccga..... 1
Gi2_10293100_x15.....cgCgggaacacggggugc..... 1
Gi3_26955925_x15.....gugggCacacggggugcc..... 1
Gi3_26987845_x15.....gugggaaGacggggugccgaacu..... 1
Gi2_10292560_x15.....ucguggaacacggggugccgaGc..... 1
Gi3_26966620_x15....Gcggagacgucguggaacacg..... 1
Gi3_26955235_x15...cgaucggagacgucguggaacacggggu..... 0
Gi5_8349542_x15.....uggaacacggggugccgaaUu..... 1
Gi3_26983330_x15....Gcggagacgucguggaacacggggu..... 1
Gi2_10288480_x15.....cgGgggaacacggggugccga..... 1
Gi2_10286065_x15.....ggaacCggggugccgaacu..... 1

Gi2_10292710_x15.....ucgugggaacaUggggugccgaacu..... 1
Gi5_8339162_x15.....cgGgggaacacggggugccgaac..... 1
Gi2_10286365_x15.....gaacacggggugccgUacu..... 1
Gi5_8354492_x15.....ucgugggaacacggggAgccgaacu..... 1
Gi1_3870557_x15.....aacacgggAugccgaacu..... 1
Gi2_10285195_x15...cUaucggagacgucgugggaacacggg..... 1
Gi4_510287_x15.....Uggaacacggggugccgaacu..... 1
Gi3_26980600_x15....aucggagacgucguAggaacacgggg..... 1
Gi4_510062_x15.....ugggaacacggggugccgaac..... 0
Gi3_26986525_x15.....gugggaCcacggggugcc..... 1
Gi3_26965330_x15....aucggagacgucguggAaacacg..... 1
Gi1_3871277_x15.....aGgucgugggaacacggggugccgaacu..... 1
Gi5_8341652_x15.....gggaacacggggUAccgaacu..... 1
Gi3_26970535_x15....Aaucggagacgucgugggaacacggg..... 1
Gi3_26990530_x15.....gacgucgugggaacacggggCgccgaacu..... 1
Gi3_26961790_x15.....acgucAugggaacacggggugccgaacu..... 1
Gi1_3868577_x15....aGcggagacgucgugggaacacg..... 1
Gi3_26974450_x15....gagacgucgugggaacacgggAugccg..... 1
Gi3_26985820_x15.....gugggaacacggggugUcg..... 1
Gi3_26954005_x15.....ugggCacacggggugccgaac..... 1
Gi3_26982400_x15....Aaucggagacgucgugggaacacgggg..... 1
Gi5_8341307_x15....cAucgugggaacacggggugccgaacu..... 1
Gi2_10285165_x15.....gugggaacacggggugccgaaGu..... 1
Gi1_3865667_x15.....acgucgugggaacacggggCgccgaacu..... 1
Gi1_3870692_x15.....gaacacggggugccgaacA..... 1
Gi3_26990470_x15.....gugggaacaUggggugccgaa..... 1
G1a_5544944_x15.....cUugggaacacggggugc..... 1
Gi2_10281505_x15.....cgucguggNaacacggggugc..... 1
Gi3_26977585_x15.....Cucgugggaacacggggugccgaac..... 1
Gi2_10291165_x15.....cgucguggNaacacggggugcc..... 1
Gi3_26971750_x15.....Ugugggaacacggggugc..... 1
Gi2_10287070_x15.....guggAaacacggggugcc..... 1
Gi3_26981710_x15.....cgugggaacCcgggugccgaac..... 1
Gi2_10288990_x15.....Agggaacacggggugccgaac..... 1
Gi3_27010203_x14.....Uucgugggaacacggggug..... 1
Gi2_10303743_x14.....cggagacgCcgugggaacacggggugcc..... 1
Gi1_3878522_x14.....Uagacgucgugggaacacggggugcc..... 1
G1a_5570275_x14.....cgAgggaacacggggugccgaacu..... 1
Gi2_10296127_x14.....cguggUaacacggggugccgaacu..... 1
Gi3_27000389_x14....aucggagacgucgugggaacGcgg..... 1
Gi5_8364455_x14.....gugggaacGcggggugccgaac..... 1
Gi5_8364273_x14.....uCggaacacggggugccgaac..... 1
Gi5_8361347_x14....aGcggagacgucgugggaacacgg..... 1
Gi2_10300285_x14.....gugggaGcacggggugccgaa..... 1
Gi5_8370349_x14.....ucgugggaacacUgggugccgaacu..... 1
Gi2_10315055_x14.....aacacggAgugccgaacu..... 1
Gi2_10306123_x14.....gucgugggaacCcgggugccgaac..... 1

Gi5_8356643_x14.....gaacacggggugccgaacA..... 1
Gi5_8365561_x14.....aCcacggggugccgaacu..... 1
Gi2_10304079_x14.....gugggaacacggUgugccg..... 1
Gi3_27036845_x14.....gaaGacggggugccgaacu..... 1
Gi2_10317505_x14.....ugggaacacggggCgccgaac..... 1
Gi2_10316063_x14.....Ugagacgucgugggaacacg..... 1
Gi3_27018715_x14.....agacgucgugggaacacggggCgccgaacu..... 1
Gi3_27020339_x14.....aucggGgacgucgugggaacacgg..... 1
Gi2_10310939_x14.....aucggagacgucgugggaCcacggg..... 1
Gi1_3881728_x14.....ugggaacacggggugccgGacu..... 1
Gi1_3876590_x14.....ucgugAgaacacggggugccgaacu..... 1
Gi3_27033891_x14.....aucggagacgucgugggaacacgAg..... 1
Gi3_27032603_x14.....gggaacacggggugUcgaac..... 1
Gi2_10307593_x14.....gugggaacacgggCugccgaacu..... 1
Gi3_27011687_x14.....gugggaacacggggugccCaac..... 1
Gi1_3872894_x14.....ugggaacCcgggugccgaacu..... 1
Gi2_10301125_x14.....ggaacacgAggugccgaac..... 1
Gi3_26993571_x14.....guUgugggaacacggggugcc..... 1
Gi1_3880790_x14.....cgugggaCcacggggugccgaacu..... 1
Gi1_3879432_x14.....cgugggaacacggggugcUgaacu..... 1
Gi3_26997533_x14.....ugggaacacggggugAcgaac..... 1
Gi2_10306221_x14.....Ugucgugggaacacggggugccgaacu..... 1
Gi3_26994859_x14.....acgucgugAgaacacggggugccgaacu..... 1
G1a_5567461_x14.....gugggaacacggAgugccgaacu..... 1
G1a_5560391_x14.....aGcggagacgucgugggaacacggg..... 1
Gi3_27024875_x14.....cgucguggAaacacggggugccgaacu..... 1
Gi5_8369117_x14.....ggUacacggggugccgaac..... 1
Gi3_27004225_x14.....ucgugggaacacggggugccgaacG..... 1
Gi3_27036117_x14.....gGucggagacgucgugggaacac..... 1
Gi3_27035431_x14.....gggaacacggggugcGgaacu..... 1
Gi2_10298759_x14.....gggaacacgggAugccgaa..... 1
Gi5_8371203_x14.....agacgucgugggaacacggggCgccgaacu..... 1
Gi5_8356979_x14.....ugggaacacggggugAcgaacu..... 1
Gi3_26994803_x14.....Ugucgugggaacacggggugcc..... 1
Gi3_26995573_x14.....ugggaacacggggugcUga..... 1
Gi4_511002_x14.....gGgggaacacggggugccgaa..... 1
Gi1_3879236_x14.....gaacacggAgugccgaacu..... 1
Gi1_3877626_x14.....aacacggggugcGgaacu..... 1
Gi2_10314453_x14.....ugggaacacggggAgccgaacu..... 1
Gi2_10306333_x14.....gugggaacacgggguAcc..... 1
Gi3_27000697_x14.....aacacggggugAcgaacu..... 1
Gi2_10314537_x14.....Uaucggagacgucgugggaacacgg..... 1
Gi3_27035683_x14.....aucggagacgucgugggaAaacggg..... 1
Gi1_3875470_x14.....ugggaaUacggggugccgaacu..... 1
Gi1_3877192_x14.....gAaacacggggugccgaacu..... 1
Gi1_3882344_x14.....ucUugggaacacggggugccgaacu..... 1
Gi5_8358449_x14.....Cggaacacggggugccgaac..... 1

Gi1_3881588_x14.....uggaacacggggugccgaa.....	0
Gi2_10310645_x14.....Uguggaacacggggugcc.....	1
Gi1_3879348_x14.....ucguggaacacggggugccGacu.....	1
Gi3_27030545_x14.....cCucguggaacacggggugccgaacu.....	1
Gi2_10315181_x14.....cguggaacacAggggugccgaacu.....	1
Gi3_27023657_x14.....Gucggagacgucguggaacacggggugc.....	1
Gi2_10302175_x14.....ggaacacggggAgccgaac.....	1
Gi3_27009727_x14.....aucggagacgucguggaacCcgggg.....	1
Gi5_8367521_x14.....cguggaacUcggggugccgaacu.....	1
Gi2_10297919_x14.....gucgugggNacacggggugccgaac.....	1
Gi5_8358253_x14.....cguggaacacggggugccUaacu.....	1
Gi2_10312227_x14.....ucguggaacacggggugccAaacu.....	1
Gi3_26997953_x14.....cgucguggaacacggAgugccgaacu.....	1
Gi2_10299431_x14.....guggaacacggggGgccgaa.....	1
Gi5_8366541_x14.....cgucguggaacacggggugccGacu.....	1
Gi3_27003077_x14.....gugAgaacacggggugccgaa.....	1
Gi3_26999073_x14.....acgucgugNgaacacggggugcc.....	1
Gi2_10297961_x14.....cUgggaacacggggugcc.....	1
Gi3_26996539_x14.....aucggagacgucguggaCcac.....	1
Gi3_27016783_x14.....gaucggagacgucguggaGcacggg.....	1
Gi5_8372323_x14.....aacacgggCugccgaacu.....	1
Gi5_8362537_x14.....acgucguggaacacggggugccgaGcu.....	1
Gi3_27016013_x14.....gUgaacacggggugccgaacuu.....	1
Gi1_3882148_x14.....uggAaacacggggugccgaacu.....	1
Gi2_10300131_x14.....aacacgAggugccgaacu.....	1
Gi3_27017525_x14.....cAugggaacacggggugccga.....	1
Gi3_27022593_x14.....gGcguggaacacggggugc.....	1
Gi2_10305143_x14.....cguggaacacgAggugccgaac.....	1
Gi1_3877444_x14.....gucguggaacacggggGgccgaacu.....	1
Gi3_27023825_x14.....gaucggagacgucgugggGcacggggu.....	1
Gi1_3875064_x14.....uggaacacNggggugccgaac.....	1
Gi3_27006311_x14.....gacgucguggaacacgggAugccgaac.....	1
Gi1_3873468_x14.....guggaacacggggugccgaaUu.....	1
Gi2_10306417_x14.....ggagacguNguggaacacggggugcc.....	1
Gi5_8364035_x14.....cUucguggaacacggggugccga.....	1
Gi2_10310043_x14.....cguggaGcacggggugccga.....	1
Gi3_27000347_x14.....Agggaacacggggugccga.....	1
Gi5_8360171_x14.....cguggaacacggggugccgaUcu.....	1
Gi2_10298927_x14.....cgucguggaacacggggugcUgaacu.....	1
Gi1_3878494_x14.....ggagacgucCgggaacacggggugccgaacu.....	1
Gi1_3877024_x14.....ggGacacggggugccgaacu.....	1
Gi3_27013899_x14.....cgucguggaacacggggAgccgaac.....	1
Gi3_27032477_x14.....cgAcguggaacacggggugccgaac.....	1
Gi3_27006283_x14.....aucggagacgucguggaacacggggAgcc.....	1
Gi3_27033695_x14.....Uucggagacgucguggaacacggggg.....	1
Gi1_5563275_x14.....aucggagacgucguggaGcacggggugc.....	1
Gi2_10301293_x14.....gGgacgucguggaacacggggugccgaac.....	1

Gi2_10309987_x14.....gugggaacacggggugcA..... 1
 Gi1_3875750_x14.....Acgugggaacacggggugccgaacu..... 1
 Gi2_10301741_x14.....ugggGacacggggugccgaac..... 1
 Gi2_10307565_x14.....gugggaacacggggugccgG..... 1
 Gi3_27008355_x14.....gggGacacggggugccgaa..... 1
 Gi5_8362285_x14.....ugggaacacggggugcGgaacu..... 1
 Gi3_27015467_x14.....cUucgugggaacacggggg..... 1
 Gi3_27026667_x14.....gugggaacacggcGugccgaac..... 1
 Gi5_8359023_x14.....agacgucgugggGacacggggugccgaacu..... 1
 Gi3_27002013_x14.....cgucgugggUacacggggugcc..... 1
 Gi2_10296155_x14...cUaucggagacgucgugggaacacg..... 1
 Gi3_27058593_x13.....gugggaacacggggUaccgaa..... 1
 Gi2_10328512_x13.....gggaacacggggGgccgaac..... 1
 Gi2_10321050_x13...Uucggagacgucgugggaacacgggg..... 1
 Gi2_10331086_x13.....gUagacgucgugggaacac..... 1
 Gi3_27047608_x13.....gugggaCcacggggugccga..... 1
 Gi1_3888257_x13.....ucgugggaNcacggggugcc..... 1
 Gi5_8375678_x13.....ggaacacgAggugccgaacu..... 1
 Gi2_10329318_x13.....gugggaacacCgggugccgaacu..... 1
 Gi1_3887724_x13.....cgugggaacacggggugccgaacAu..... 1
 Gi2_10336364_x13.....gGgggaacacggggugccgaacuu..... 1
 Gl1_5583456_x13.....ugggaacacggggCgccgaacu..... 1
 Gi3_27040796_x13.....cgucgugggaacacggggugUcgaacu..... 1
 Gi3_27063962_x13.....gugAgaacacggggugccg..... 1
 Gi1_3888842_x13.....gggaacacggggUaccgaacu..... 1
 Gi2_10320712_x13.....Uacgucgugggaacacgg..... 1
 Gi2_10324950_x13.....ugggGacacggggugccga..... 1
 Gi3_27038872_x13.....gggaacacgggCugccgaac..... 1
 Gi2_10318853_x13.....cgugAgaacacggggugccgaac..... 1
 Gi2_10336780_x13.....cgucgugggaacGcggggugcc..... 1
 Gi3_27055356_x13.....ugggaaUacggggugccga..... 1
 Gi3_27067706_x13.....ggUaacacggggugccgaa..... 1
 Gi3_27069578_x13.....aacacggggugccgaUcu..... 1
 Gi2_10337352_x13.....cggagacgucgugggaacacggggGgcc..... 1
 Gi2_10340979_x13.....ggagacgucgugggaacacggggGgcc..... 1
 Gi3_27059893_x13.....ugggaacacggggugccgCa..... 1
 Gl1_5579179_x13.....gCaacacggggugccgaacu..... 1
 Gi5_8373663_x13.....Agaacacggggugccgaac..... 1
 Gi2_10334284_x13.....gaacacggggAgccgaacu..... 1
 Gi3_27050676_x13.....ggaacGcggggugccgaa..... 1
 Gi3_27066016_x13.....ucgugggaacacggggAgccgaac..... 1
 Gi3_27052431_x13...gGucggagacgucgugggaacacgg..... 1
 Gi2_10324105_x13.....gugggaCcacggggugccgaac..... 1
 Gi2_10336026_x13.....gugggaacacggggugUc..... 1
 Gi3_27057670_x13...Uaucggagacgucguggga..... 1
 Gi3_27077404_x13...aucggagacgucgugggaaUacg..... 1
 Gi3_27074700_x13.....gucgugggaaUacggggugccgaacu..... 1

G1a_5574590_x13...Uaucggagacgucguggg..... 1
 Gi3_27043461_x13.....aacacggggugccgaGu..... 1
 Gi5_8378239_x13.....gugggaacacAgggugccgaac..... 1
 Gi1_3889453_x13.....cgucgugggGacacggggugccgaacu..... 1
 Gi3_27043396_x13.....aaNacggggugccgaacu..... 1
 G1a_5572432_x13.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi5_8387677_x13.ugcgauccgagacgucgugggaacacggg..... 0
 Gi3_27083124_x13.....aucggGgacgucgugggaacacggggugcc..... 1
 Gi3_27052041_x13.....aucggagacgucAugggaacacggg..... 1
 Gi3_27056357_x13.....gggNacacggggugccgaac..... 1
 Gi2_10319269_x13.....gugggaacacggggugccAa..... 1
 G1a_5578022_x13.....Uucgugggaacacggggugcc..... 1
 G1a_5572367_x13.....gggaacacggggugccgaCcu..... 1
 Gi2_10324014_x13.....Cugggaacacggggugccgaa..... 1
 Gi1_3889180_x13.....gaacacggggugccgaacAu..... 1
 Gi3_27076247_x13.....Gcgucgugggaacacggggugcc..... 1
 Gi3_27061154_x13.....cgucgugggaacaUggggugccgaacu..... 1
 Gi2_10332815_x13cugcgauccgGgacgucgugggaacac..... 1
 Gi3_27074661_x13.....gugggaacacggAgugccgaa..... 1
 Gi1_3888946_x13...Uaucggagacgucgugggaacac..... 1
 Gi2_10332724_x13.....gggaacacggggugUcgaac..... 1
 G1a_5581116_x13.....gacgucgugggaacacggggugccgaac..... 0
 Gi3_27052184_x13.....gggaacacgggCugccgaacu..... 1
 Gi2_10327797_x13.....gugggaacacggUgugcc..... 1
 Gi2_10323767_x13.....gUgacgucgugggaacacggggg..... 1
 Gi1_3890636_x13.....aacaGggggugccgaacu..... 1
 Gi1_3883083_x13.....gugggaacacggggugccgUacu..... 1
 Gi2_10341174_x13.....cgugggaacacggggugcUgaac..... 1
 Gi2_10319945_x13...aCcgagacgucgugggaacac..... 1
 Gi3_27061765_x13.....ugggaaAacggggugccgaacu..... 1
 Gi2_10342331_x13.....cgucgugggaacacggggGgc..... 1
 Gi3_27067251_x13.....cgugggaacacgggguCccgaacu..... 1
 Gi1_3886372_x13.....Agugggaacacggggugccgaacu..... 1
 Gi3_27064144_x13.....ucgugggaacaUggggugccgaac..... 1
 Gi2_10321739_x13...aucgUgacgucgugggaacacggggg..... 1
 Gi2_10337222_x13.....gaacacgggAugccgaacu..... 1
 Gi3_27080758_x13...cggagacgNcgugggaacacggggg..... 1
 Gi1_3892222_x13.....gggaacacggggugccAaacu..... 1
 Gi2_10336520_x13.....gugggaacacggggugcUga..... 1
 Gi1_3883343_x13.....gucgugggaacacggggugccgaCcu..... 1
 Gi5_8373156_x13.....cguUggaacacggggugccgaacu..... 1
 Gi3_27083969_x13...Uucggagacgucgugggaacacg..... 1
 Gi3_27062051_x13...gaucggagacgucgCgggaacacggg..... 1
 Gi5_8375054_x13.....acgucgugggaacGcggggugccgaacu..... 1
 Gi2_10323715_x13.....gugggGacacggggugccgaa..... 1
 Gi3_27063975_x13.....gaacacgCggugccgaacu..... 1
 Gi2_10337521_x13.....ugggaacacgUggugccgaacu..... 1

Gi3_27065964_x13.....cgucgugggaacacggggugccgaGc..... 1
 Gi1_3884266_x13.....cggagacgucgugggaacacggggugccgaac..... 0
 Gi5_8384635_x13.....ucgugggaCcacggggugccgaacu..... 1
 Gi3_27037988_x13.....cgucgugggGcacggggugccg..... 1
 Gi2_10322467_x13.....aUgucgugggaacacggggugcc..... 1
 Gi1_3889622_x13.....cgugggaacacgggAugccgaacu..... 1
 Gi2_10326341_x13.....guggCaacacggggugccgaac..... 1
 Gi2_10338496_x13....gGucggagacgucgugggaacac..... 1
 Gi5_8388457_x13....Uaucggagacgucgugggaacacg..... 1
 Gi5_8386247_x13.....guggUaacacggggugccgaac..... 1
 Gi5_8380787_x13.....cgNgggaacacggggugccgaacu..... 1
 Gi5_8383608_x13.....acgucgCgggaacacggggugccgaacu..... 1
 Gi5_8390875_x13.....aUgucgugggaacacggggugccgaacu..... 1
 Gi3_27074219_x13.....aUacgucgugggaacacggggugccga..... 1
 Gi5_8387339_x13.....cgucgugggaacacggggugccgaCcu..... 1
 Gi3_27053900_x13....aucggagacgucgugAgaacacg..... 1
 Gi3_27048817_x13.....acgucgugggaacacggggugccgaaAu..... 1
 G1a_5576917_x13.....cgugggaacacggggCgccgaacu..... 1
 G1a_5574135_x13.....gugggaUcacggggugccgaacu..... 1
 Gi5_8389458_x13.....gucgugggaaAacggggugccgaacu..... 1
 Gi2_10329461_x13....aucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27045502_x13.....Agucgugggaacacggggugccgaacu..... 1
 Gi1_3889206_x13.....gGgggaacacggggugccgaacuu..... 1
 G1a_5579894_x13.....Uggaacacggggugccgaa..... 1
 Gi3_27044813_x13.....gugggaacacggggugcAga..... 1
 Gi5_8377017_x13.....cgugggaacacggUgugccgaacu..... 1
 Gi2_10340134_x13....ggagacgucgugggaacacggggCgcc..... 1
 Gi3_27054368_x13....aGcggagacgucguggga..... 1
 Gi2_10340576_x13.....guAggaacacggggugccg..... 1
 Gi1_3885969_x13....cUgagacgucgugggaacacggggugc..... 1
 Gi3_27047751_x13.....Ugucgugggaacacggggugccgaac..... 1
 Gi5_8380592_x13.....aacacggggugccgaUcu..... 1
 Gi2_10340264_x13.....cgugggaacGcggggugcc..... 1
 Gi3_27046724_x13.....agGcugucgugggaacacggggugccgaacu..... 1
 Gi2_10331502_x13.....guggUaacacggggugccgaa..... 1
 Gi3_27040822_x13.....gUagacgucgugggaacacggggugccg..... 1
 Gi3_27069773_x13.....gucgugggaacacAgggugccgaac..... 1
 Gi1_3892820_x13.....gaacacggggUAccgaacu..... 1
 Gi2_10330462_x13.....gugggaacacggggugAc..... 1
 Gi5_8386585_x13.....cgugggaacacggggugccgaCc..... 1
 Gi1_3884799_x13.....cgucgugggaacacggggugcU..... 1
 Gi2_10323975_x13....aucggagacgucgugggaCcacggggug..... 1
 Gi5_8385727_x13.....aacCcggggugccgaacu..... 1
 Gi3_27067849_x13....aucggagacguUgugggaacacg..... 1
 Gi1_3887698_x13.....uGgugggaacacggggugcc..... 1
 Gi3_27076377_x13....gaucggagacgucgugggaacGcggggu..... 1
 Gi5_8378512_x13.....ggaacacggggugAcgaacu..... 1

Gi1_3884045_x13.....gUagacgucgugggaacacggggugcc..... 1
 Gi3_27068837_x13.....ugggaacacggggugcAga..... 1
 Gi2_10320426_x13.....ggaacacggggugccAaac..... 1
 Gi3_27076078_x13.....auUggagacgucgugggaacac..... 1
 Gi3_27048557_x13.....cgugggUacacggggugc..... 1
 Gi1_3889765_x13.....Agaacacggggugccgaac..... 1
 Gi5_8381749_x13.....ucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27065574_x13.....gggaacacggggGgccgaa..... 1
 Gi2_10336377_x13.....cgGcgugggaacacggggugcc..... 1
 Gi3_27083475_x13.....gucgugggaacacggggugUcgaacu..... 1
 Gi3_27058710_x13.....Cgggaacacggggugccg..... 1
 Gi5_8383738_x13.....gucgGgggaacacggggugccgaacu..... 1
 Gi3_27039054_x13.....aucggagacgucgugggaacacC..... 1
 Gi2_10339484_x13.uUcgaucggagacgucgugggaaca..... 1
 Gi2_10336429_x13.....ggagacgucgugggGacacggggugcc..... 1
 Gi1_3892859_x13.....cgAcgugggaacacggggugccgaacu..... 1
 Gi1_5574616_x13.uUcgaucggagacgucg..... 1
 Gi2_10328096_x13.....aucggagacgucgugggaacacggggCg..... 1
 Gi3_27048648_x13.....aacacgggUugccgaacu..... 1
 Gi3_27050845_x13.....cgugggaacacgggUugccgaacu..... 1
 Gi3_27044189_x13.....gucgugAgaacacggggugccgaac..... 1
 Gi2_10336793_x13.....ggagacgucgugggaacacggggugccga..... 0
 Gi3_27128397_x12.....cgucgugggaacacggggugccgaaAu..... 1
 Gi1_3894866_x12.....gGcgugggaacacggggugcc..... 1
 Gi2_10356346_x12.....gugggaacacggggugcAgaac..... 1
 Gi3_27132249_x12.....ucgugggaaAacggggugccgaacu..... 1
 Gi5_8399046_x12.....gugggGacacggggugccgaac..... 1
 Gi5_8408106_x12.....cgugggaacacgggCugccgaacu..... 1
 Gi2_10350538_x12.....aacaGggggugccgaacu..... 1
 Gi3_27090753_x12.....gaacacggggugcGgaacu..... 1
 Gi2_10357774_x12.....aucggagacgucgugggaacacggggAgcc..... 1
 Gi3_27111897_x12.....ggaacacggggugAcgaacu..... 1
 Gi2_10364806_x12.....aucggagacgucgugggaGca..... 1
 Gi1_3896738_x12.....gaacacggggAgccgaacu..... 1
 Gi3_27125901_x12.....cgugggaacacggggugccA..... 1
 Gi3_27130953_x12.....aAcggagacgucgugggaacacg..... 1
 Gi5_8402454_x12.....gugggaUcacggggugccgaacu..... 1
 Gi1_3901958_x12.....gaacacgggAugccgaacu..... 1
 Gi3_27115485_x12.....cgugUgaacacggggugccgaa..... 1
 Gi3_27125493_x12...gaucggagNcgucgugggaacacgggg..... 1
 Gi5_8406534_x12.....ugggaacacggggugccgaUcu..... 1
 Gi3_27111909_x12.....gucgugggCacacggggugccgaacu..... 1
 Gi1_3897818_x12.....acgucgCgggaacacggggugccgaac..... 1
 Gi2_10365538_x12.....ggagacgucgugggaacGcgggugcc..... 1
 Gi3_27122781_x12.....gacgucgugggaacacggggugccgCacu..... 1
 Gi1_5589691_x12.....gUgaacacggggugccgaa..... 1
 Gi2_10356010_x12.....gagacgucgugggaacacggggugccga..... 0

Gi5_8396226_x12.....uggaacacAgggugccgaac..... 1
 Gi3_27111585_x12.....cguggaacacgUggugcc..... 1
 Gi3_27113721_x12....aucggagacgCcguggaacacgg..... 1
 Gi3_27101145_x12.....cguggaacacgUggugccga..... 1
 Gi2_10368946_x12.....gggaacacgggAugccgaacu..... 1
 Gi3_27105885_x12.....gucgugggUaacggggugccgaacu..... 1
 Gi2_10346302_x12.....cgucgugggaacacggggugccgG..... 1
 G1a_5592811_x12.....ugUgaacacggggugccgaacu..... 1
 G1a_5591923_x12.....ggaacGcggggugccgaacu..... 1
 Gi3_27084489_x12.....gucgugggaacacggggAgccgaacu..... 1
 Gi2_10353310_x12.....gucgugggaacacggggCgcc..... 1
 Gi1_3903314_x12.....ucgugggaNcacggggugccgaac..... 1
 Gi3_27108957_x12.....cAuggaacacggggugccgaa..... 1
 Gi2_10359622_x12.....gacgucgugggaacacggggCgcc..... 1
 Gi5_8397978_x12.....Agucgugggaacacggggugccgaacu..... 1
 Gi3_27099693_x12....aucggagacgucguAggaacacgggg..... 1
 G1a_5591767_x12....aucggagacgucgugggaacGcggggugc..... 1
 Gi2_10360018_x12.....gugCgaacacggggugccgaacu..... 1
 Gi2_10351978_x12.....gugggaacacAgggugccga..... 1
 Gi2_10366342_x12.....Ggugggaacacggggugccg..... 1
 Gi3_27130677_x12.....acgucgugggaacaUggggugccgaacu..... 1
 Gi3_27088461_x12.....gucgugggNcacggggugcc..... 1
 Gi3_27128193_x12....aucggagacgucgCgggaacacggggugcc..... 1
 Gi5_8403450_x12.....gggaacacggggugccgaCc..... 1
 G1a_5600383_x12.....gacgucgugggaacacggg..... 0
 Gi2_10356790_x12.....gugggaacacggggAgcc..... 1
 Gi2_10357450_x12.....cgucguggNaacacggggugccga..... 1
 Gi5_8402286_x12.....ucgugggaaUacggggugccgaacu..... 1
 Gi2_10352962_x12.....gugggaacacgggguAccgaa..... 1
 Gi3_27111093_x12.....cgucgCgggaacacggggugcc..... 1
 Gi2_10368346_x12.....gCgaacacggggugccgaac..... 1
 Gi3_27104001_x12.....acgucgugggaacacggggGgccgaac..... 1
 Gi5_8406426_x12.....ugUgaacacggggugccgaac..... 1
 Gi2_10363066_x12.....Gcgucgugggaacacggggugc..... 1
 Gi2_10353946_x12.....gugggaacCcgggugccga..... 1
 Gi2_10349266_x12....aGcgagacgucguggga..... 1
 Gi3_27114477_x12....aucggagacgucgugggaacaUggg..... 1
 G1a_5593111_x12.....agacgucgugggaacacggggugccgaac..... 0
 Gi2_10351690_x12....gGucggagacgucguggga..... 1
 Gi2_10363522_x12.....cgucgugggaacacggggGgccg..... 1
 Gi5_8405958_x12.....ggaacacgggguAccgaacu..... 1
 Gi2_10366858_x12.....gggaacacggggugccAaac..... 1
 Gi3_27088365_x12.....gugggaacacgggUugccgaacu..... 1
 Gi3_27095721_x12.....cgucgugggaacacggggCgccg..... 1
 Gi2_10361062_x12.....ucguggAaacacggggugccgaacu..... 1
 Gi2_10368670_x12.....cAgagacgucgugggaacacggggugcc..... 1
 Gi5_8406594_x12.ugcgaucggagGcgucgugg..... 1

Gi5_8395194_x12.....ucgugggaacacggggugccgaUu..... 1
Gi2_10349122_x12.....gAgggaacacggggugccga..... 1
Gi3_27092625_x12.....cgucgugggaacacAgggugcc..... 1
Gi5_8406702_x12.....gaacacggggugccgUacu..... 1
Gi1_3903482_x12.....cgGcgugggaacacggggugccgaacu..... 1
Gi2_10356094_x12.....gaucggagacgucgugggCacacggg..... 1
Gi5_8393562_x12.....acgucgugggaacacggggGgccgaacu..... 1
Gi5_8394270_x12.....gugggaacNcggggugccga..... 1
Gi5_8406462_x12.....Uugggaacacggggugccgaacuuu..... 1
Gi3_27090825_x12.....aucgUagacgucguggggaacacggggugcc..... 1
Gi5_8407974_x12.....uUggaacacggggugccgaacuuu..... 1
G1a_5597455_x12.....cgugggGacacggggugccgaacu..... 1
Gi2_10348558_x12.....ucgugggaacacggggugccgCac..... 1
Gi2_10343602_x12.....gGcgucgugggaacacggggugcc..... 1
G1a_5598271_x12.....aGcggagacgucgugggaacacggggg..... 1
Gi3_27115845_x12.....gGcgucgugggaacacggg..... 1
Gi5_8392950_x12.....ucgugggaacacgggAugccgaacu..... 1
Gi2_10353058_x12.....gugggUacacggggugccgaa..... 1
G1a_5596123_x12.....ugggaacGcggggugccgaacu..... 1
Gi3_27104253_x12.....gugggaacacgAgggugccg..... 1
Gi3_27119025_x12.....cgucgugggaacacggggCgccga..... 1
Gi2_10353982_x12.....gucgugAgaacacggggugccgaacu..... 1
Gi3_27131781_x12.....gggUacacggggugccgaac..... 1
G1a_5596159_x12.....ggaacacggggugccgaGcu..... 1
Gi3_27090801_x12.....aucggagacgucgugggaacacggAgu..... 1
Gi5_8401134_x12.....acgucgugggaacacggggugccgCacu..... 1
Gi2_10360234_x12.....ugggaacacggggugccAaac..... 1
Gi3_27086025_x12.....cgucUugggaacacggggugccg..... 1
G1a_5594791_x12.....cgugggaacacggggugccgUacu..... 1
Gi1_3900458_x12.....ucgugggaacacggggugccAaacu..... 1
Gi3_27088161_x12.....gucgugggaacacggggugccAaac..... 1
Gi2_10362994_x12.....auUggagacgucgugggaacacggggug..... 1
Gi3_27094389_x12.....gaacacAgggugccgaac..... 1
Gi1_3898730_x12.....ugggaacacgggUugccgaacu..... 1
Gi1_3901538_x12.....gucgugggaacacggggCgccgaacu..... 1
Gi3_27095265_x12.....cgugggaacacggggugccgGa..... 1
Gi5_8399490_x12.....gggaacacggggugccgaGc..... 1
Gi3_27106053_x12.....aCcgagacgucgugggaacacggggugcc..... 1
Gi3_27112029_x12.....gugggaaUacggggugccgaa..... 1
Gi3_27089421_x12.....Uagacgucgugggaacacggggugcc..... 1
Gi3_27118185_x12.....gggaacacggggAgccgaac..... 1
Gi5_8400954_x12.....gucguAggaacacggggugccgaacu..... 1
Gi1_3894578_x12.....gaacacgAgggugccgaacu..... 1
Gi3_27096597_x12.....Uucgugggaacacggggugccg..... 1
Gi3_27089613_x12.....acAucgugggaacacggggugccgaacu..... 1
Gi3_27103689_x12.....Agucgugggaacacggggugccgaac..... 1
Gi5_8404086_x12.....Gcggagacgucgugggaacacg..... 1

Gi2_10365430_x12.....ucguUggaacacggggugccgaac..... 1
Gi3_27131097_x12.....aUgucgugggaacacggggugccgaac..... 1
G1a_5596075_x12.....Uaacacggggugccgaac..... 1
Gi1_3901862_x12.....gugggaacacggggugcAgaacu..... 1
Gi5_8394318_x12.....gaacacggggugccgaUcu..... 1
Gi2_10359022_x12.....gggaacacAgggugccgaac..... 1
Gi5_8403738_x12.....gggaacacggggugccgaaUu..... 1
Gi3_27093693_x12.....uGgugggaacacggggugc..... 1
Gi3_27108285_x12.....gucgugggaaUacggggugcc..... 1
Gi2_10350262_x12.....aucggagacgucgugggGacacg..... 1
Gi2_10362814_x12.....cgugggaacacggggugUcgaac..... 1
Gi3_27104313_x12.....ugggaacacggggugccA..... 1
Gi3_27129081_x12.....cgugggaacacggggGcg..... 1
Gi2_10356034_x12.....gugggaacacggAgugccg..... 1
Gi3_27125529_x12.....acgucgugggaacacggggAgccgaacu..... 1
Gi5_8403654_x12.....ugggGacacggggugccgaac..... 1
Gi1_3902078_x12.....gugggaacacggggugUcgaacu..... 1
Gi3_27125169_x12.....gugggaacacggggugcGgaac..... 1
Gi2_10360870_x12.....gUgacgucgugggaacac..... 1
Gi1_3895202_x12.....acgucgugggGacacggggugccgaacu..... 1
Gi3_27126465_x12.....gugggaacacgCggugccgaac..... 1
Gi3_27114297_x12.....Aacgucgugggaacacggggugccgaac..... 1
Gi2_10363750_x12.....aucggagacgucgugggaGcacggggugcc..... 1
Gi3_27103737_x12.....gaacacggggugccgaaGu..... 1
Gi2_10366078_x12.....gugggaacacggggugUcga..... 1
Gi3_27114021_x12.....gGucggagacgucgugggaacacgggg..... 1
Gi2_10386632_x11.....agUcgcgucgugggaacacggggugcc..... 1
G1a_5607071_x11.....Uaucggagacgucgugggaa..... 1
G1a_5611350_x11.....Gacacggggugccgaacu..... 1
Gi3_27141566_x11.....guggAaacacggggugccgaa..... 1
Gi2_10387094_x11.....cUucgugggaacacgggg..... 1
Gi2_10397731_x11.....gugggaacacgCggugccgaacu..... 1
Gi1_3909028_x11.....aAcggagacgucgugggaacacggg..... 1
Gi5_8429143_x11.....gggaacacggggCgccgaac..... 1
Gi3_27182255_x11.....gugggaacacggggAgccgaa..... 1
Gi3_27164149_x11.....Aggaacacggggugccga..... 1
Gi2_10392880_x11.....aucggagGcgucgugggaaca..... 1
Gi2_10382980_x11.....acgCcgugggaacacggggugccgaacu..... 1
Gi2_10391967_x11.....cgugggaacacUgggugccgaacu..... 1
Gi5_8412269_x11.....gugggaacacggCgugccgaacu..... 1
Gi5_8410091_x11.....Uacgucgugggaacacggggugccg..... 1
Gi2_10379108_x11.....aGcggagacgucgugggaa..... 1
Gi5_8412181_x11.....ggaacacggggAgccgaacu..... 1
Gi2_10376017_x11.....ucgAgggaacacggggugccgaacu..... 1
Gi2_10377425_x11.....cgugggaaNacggggugccgaa..... 1
Gi3_27168285_x11.....gggaacCcgggugccgaac..... 1
Gi1_3905112_x11.....aacacggAgugccgaacu..... 1

Gi1a_5608699_x11...gaucggagacgucgugggaaacacggggug..... 0
 Gi3_27145592_x11.....ggaacacggggugccgaG..... 1
 Gi2_10385312_x11.....Ugagacgucgugggaaacacggggugccg..... 1
 Gi2_10374851_x11.....gugggaaacCcggggugccg..... 1
 Gi5_8418187_x11.....gaacaAgggggugccgaacu..... 1
 Gi5_8430991_x11.....ucgugggaacacggAgugccgaacu..... 1
 Gi3_27174302_x11.....ggUgacgucgugggaaacacg..... 1
 Gi2_10381770_x11.....gugggaacacggggGgccga..... 1
 Gi3_27157043_x11.....Ugugggaacacggggugccgaa..... 1
 Gi3_27148815_x11.....aGgucgugggaaacacggggugcc..... 1
 Gi1_3908148_x11.....Uacgucgugggaaacacggggugcc..... 1
 Gi3_27169638_x11.....aUacgucgugggaaacacggg..... 1
 Gi3_27176392_x11.....cgugCgaacacggggugccgaac..... 1
 Gi2_10384806_x11.....ggaacacggggguAccgaac..... 1
 Gi3_27136176_x11.....Gucggagacgucguggga..... 1
 Gi2_10372035_x11.....cggagGcgucgugggaaacacggggugcc..... 1
 Gi3_27176194_x11.....ggaacacgUggugccgaacu..... 1
 Gi3_27138882_x11.....cgucgugggaaacCcggggugccga..... 1
 Gi3_27144448_x11.....guNggaacacggggugccgaac..... 1
 Gi2_10395190_x11.....gAcgugggaacacggggugccgaacu..... 1
 Gi2_10380835_x11.....aCcgagacgucgugggaaacacgggggu..... 1
 Gi5_8421916_x11.uUcgauccgagacgucguggga..... 1
 Gi2_10380538_x11.....agUcgucgugggaaacacggggugccgaacu..... 1
 Gi3_27136165_x11.....acgucgugggaaacacgAggugccgaacu..... 1
 Gi2_10393243_x11.....gggaacacggggugccgGac..... 1
 Gi2_10387039_x11.....gUagacgucgugggaaacacggggug..... 1
 Gi3_27181969_x11...cUaucggagacgucgugggaaacacgg..... 1
 Gi5_8413083_x11.....gugggaacacgAggugccgaac..... 1
 Gi3_27153215_x11.....acgucguggggaCcacggggugccgaacu..... 1
 Gi5_8426107_x11.....aacacUgggugccgaacu..... 1
 Gi2_10388601_x11.....cgugggaacacggUgugccgaacu..... 1
 Gi3_27158462_x11.....gucgAgggaacacggggugccgaacu..... 1
 Gi2_10385708_x11.....aucggagacgucgugggaaacacggggA..... 1
 Gi2_10374290_x11.....ucgugggaacCcggggugccgaac..... 1
 Gi2_10382364_x11.....cgugggaacacggggAgccgaac..... 1
 Gi4_517574_x11.....Ggggaacacggggugccgaacu..... 1
 Gi3_27152181_x11.....aucggGgacgucgugggaaacac..... 1
 Gi1a_5614023_x11...Gucggagacgucgugggaaacacggg..... 1
 Gi2_10385224_x11.....ugggaacacggggugccgaaAu..... 1
 Gi3_27142369_x11...Uaucggagacgucgugggaaacacggggug..... 1
 Gi3_27152852_x11.....Ggucgugggaaacacgggg..... 1
 Gi5_8420948_x11...Uaucggagacgucgugggaaacacggg..... 1
 Gi2_10381220_x11.....gugggaaUacggggugcc..... 1
 Gi3_27169022_x11.....ugggaacacggCgugccgaacu..... 1
 Gi2_10390108_x11...gGucggagacgucgugggaaacacg..... 1
 Gi2_10378360_x11...aucggagacgucgugggGacacggg..... 1
 Gi5_8417758_x11.....gGcgucgugggaaacacggggugccgaacu..... 1

Gi1_3904551_x11.....gCcgugggaacacggggugccgaacu..... 1
 Gi3_27179296_x11.....ucgugggaCcacggggugccgaac..... 1
 Gi1_3912856_x11.....ugggaacacgAggugccgaacu..... 1
 Gi2_10376908_x11.....aucggagacgucgugggaaacGc..... 1
 G1a_5615453_x11.....gugggaaUacggggugccgaacu..... 1
 Gi1_3913857_x11.....ucgugggaacacggggugcUgaacu..... 1
 Gi3_27142083_x11.....aucggagCcgucgugggaaacacg..... 1
 G1a_5601219_x11.....ugggaacacggggugccgaGcu..... 1
 Gi3_27164303_x11.....ugggaacacgUggugccgaacu..... 1
 Gi3_27165590_x11.....Ucgucgugggaacacggggugccgaacu..... 1
 Gi5_8421168_x11.....gaaNacggggugccgaacu..... 1
 Gi2_10390438_x11.....gucgGgggaacacggggugccgaacu..... 1
 G1a_5604398_x11.....gugggaacacggggAgccgaacu..... 1
 Gi3_27176458_x11.....aucggagacAucgugggaacacggggg..... 1
 Gi2_10384542_x11.....cggagacgucgugggaaacacggggCgcc..... 1
 Gi3_27176161_x11.....aucggagacgucgugggUacacggg..... 1
 Gi3_27166184_x11.....aucggagaUgucgugggaaacacgggg..... 1
 Gi2_10387501_x11.....gggaacacggggugccgaUu..... 1
 Gi3_27185687_x11.....cggagacgucgugggaaacGcggggugcc..... 1
 Gi2_10379306_x11.....gugggaacacggggugcU..... 1
 Gi5_8430694_x11.....ggaacCggggugccgaacu..... 1
 Gi2_10386720_x11.....acgCcgugggaacacggggugcc..... 1
 G1a_5607126_x11.....Ugagacgucgugggaaacacggggugcc..... 1
 Gi2_10371144_x11.....cUaucggagacgucguggga..... 1
 Gi3_27168593_x11.....gUagacgucgugggaaacacggggugccgaac..... 1
 Gi1_3905959_x11.....ucgugggCacacggggugccgaacu..... 1
 Gi3_27180110_x11.....Agaacacggggugccgaa..... 1
 Gi5_8410707_x11.....gugggaacacggUgugccgaac..... 1
 Gi3_27156900_x11.....aucggagacgucgugggaaacCggg..... 1
 Gi2_10395905_x11.....cgugggaacacgUggugcc..... 1
 Gi3_27137452_x11.....aucggagacgucgugggaaUacggg..... 1
 Gi1_3914990_x11.....cgucgugggaacacggggugccga..... 0
 Gi3_27164622_x11.....ucgugggaacacggggugccgaUu..... 1
 Gi3_27150410_x11.....cgugggaGcacggggugcc..... 1
 Gi3_27159452_x11.....Ugagacgucgugggaaacacggg..... 1
 Gi2_10392440_x11.....aucggagacgucgugggCacacggggugc..... 1
 Gi3_27138002_x11.....gggaaAacggggugccgaac..... 1
 G1a_5606928_x11.....gggaGcacggggugccgaacu..... 1
 Gi2_10374059_x11.....Ugacgucgugggaaacacggggugcc..... 1
 Gi2_10369681_x11.....gCcgugggaacacggggugccgaac..... 1
 Gi3_27175908_x11.....cgugggaacacggggCgcccga..... 1
 Gi3_27155459_x11.....aucggagacgucgugggaaacGcggggugcc..... 1
 Gi5_8415525_x11.....ugggaacacggCgugccgaacu..... 1
 Gi3_27184136_x11.....uGggagacgucgugggaaacacg..... 1
 G1a_5616938_x11.....ggUaacacggggugccgaacu..... 1
 Gi5_8421674_x11.....gucAugggaacacggggugccgaacu..... 1
 Gi5_8430606_x11.....acgCcgugggaacacggggugccgaacu..... 1

Gi3_27144459_x11.....gugggaUcacggggugccgaac..... 1
 Gi3_27177888_x11.....gUagacgucgugggaacacggggugccgaacu..... 1
 Gi5_8409860_x11.....cgugggaacacggggugccgaGc..... 1
 Gi2_10375918_x11.....ugggaacacggggugccgGac..... 1
 Gi2_10392209_x11.....cgNgggaacacggggugccgaacu..... 1
 Gi2_10390262_x11.....gagacgucgugggaacacggggCgc..... 1
 Gi1_3914055_x11.....agacgucgCgggaacacggggugccgaac..... 1
 Gi2_10376325_x11.....cgaucggagacgucgAgggaacac..... 1
 Gi2_10372992_x11.....cAugggaacacggggugccgaac..... 1
 Gi4_516705_x11.....gCgggaacacggggugccgaacu..... 1
 Gi2_10369252_x11.....ggagacgucgugggaacacAgggugc..... 1
 Gi2_10393419_x11.....Cacacggggugccgaacu..... 1
 Gi2_10392473_x11.....cgugggaacacggggucCccgaacu..... 1
 Gi3_27175314_x11.....gugggaaAacggggugccga..... 1
 Gi2_10390086_x11.....Aucgugggaacacggggugccgaac..... 1
 Gi3_27182244_x11.....acgucgugggaacacggggCgcc..... 1
 Gi2_10376380_x11.....cgCgugggaacacggggugccga..... 1
 Gi3_27162334_x11.....cgucgugAgaacacggggugccgaacu..... 1
 Gi3_27178493_x11.....cgugggaacacggggCgccg..... 1
 Gi3_27151433_x11.....gggaacacggggugccUaacu..... 1
 Gi3_27176304_x11.....gacgucgugggaacacggggG..... 1
 Gi2_10377810_x11.....ucgugggaacacggggUaccgaacu..... 1
 Gi2_10385114_x11.....aAcgggagacgucgugggaacacggggugcc..... 1
 Gi3_27147561_x11.....gucgGgggaacacggggugccgaacu..... 1
 Gi3_27134394_x11.....cguCggaacacggggugccgaacu..... 1
 Gi1_3911360_x11.....gucgugggNacacggggugccgaacu..... 1
 Gl1_5602748_x11.....cgaucggagacgucgugggaacacggggugc..... 0
 Gi2_10380010_x11.....cgucgugggaacGcggggugccg..... 1
 Gi5_8414689_x11.....ggaacacggggugccgaUcu..... 1
 Gi5_8411290_x11.....gugggaacacggggugccgCac..... 1
 Gi2_10370407_x11.....aucgUagacgucgugggaacacg..... 1
 Gi3_27173587_x11.....cAucgugggaacacggggugcc..... 1
 Gi3_27184092_x11.....gucgugggaacacUgggugccgaacu..... 1
 Gi2_10373311_x11.....gaucggagacgucgugggGacacggggU..... 1
 Gi2_10385422_x11.....Gggagacgucgugggaacacggggugc..... 1
 Gi2_10374092_x11.....cgCcgugggaacacggggugc..... 1
 Gi3_27140367_x11.....cCucgugggaacacggggugcc..... 1
 Gl1_5606609_x11.....cgugggaacacggggugccgaGcu..... 1
 Gi1_3908995_x11.....Ggggaacacggggugccgaacuu..... 1
 Gi5_8427185_x11.....cgAgggaacacggggugccgaac..... 1
 Gi2_10382166_x11.....ucgugggaacacgAggugccgaacu..... 1
 Gi2_10386126_x11.....gacgucgugggaacacggggGgccgaacu..... 1
 Gi2_10386478_x11.....uUgugggaacacggggugccgaac..... 1
 Gi5_8430309_x11.....ggaacacggggugccgaaUu..... 1
 Gi1_3904727_x11.....ugggaacaUggggugccgaacu..... 1
 Gi2_10370924_x11.....gaucggagacgucgugggGacacggg..... 1
 Gi5_8420970_x11.....gaacUcggggugccgaacu..... 1

Gi1_3906168_x11.....ucgugggGacacggggugccgaac..... 1
 Gi3_27181837_x11.....aucggagaNgucgugggaacacggggugc..... 1
 Gi5_8426800_x11.....cgucgugggaacacggggugccAaacu..... 1
 Gi4_517717_x11.....gggaacacggggugccgaac..... 0
 Gi2_10376226_x11.....cgucguAggaacacggggugccgaacu..... 1
 Gi3_27178218_x11.....gugggUacacggggugccgaa..... 1
 Gi3_27135175_x11.....ugAgaacacggggugccgaa..... 1
 Gi2_10391197_x11.....gggaacacggggugccgUacu..... 1
 Gi1a_5607544_x11.....cgugUgaacacggggugccgaacu..... 1
 Gi5_8411301_x11.....cgucgugggaacacggAgugccgaacu..... 1
 Gi2_10383101_x11.....aucggagGcgucgugggaacac..... 1
 Gi3_27186567_x11.....aucggagaUgucgugggaacacg..... 1
 Gi2_10385389_x11.....gugggaCcacggggugcc..... 1
 Gi3_27176601_x11.....ucgugggaacacggggugcUgaac..... 1
 Gi5_8424853_x11.....Uagacgucgugggaacacg..... 1
 Gi3_27133162_x11.....cgucgugggaacGcggggugc..... 1
 Gi2_10375984_x11.....gugggCacacggggugccgaac..... 1
 Gi1_3911899_x11.....Ggacgucgugggaacacggggugccgaacu..... 1
 Gi3_27185126_x11.....aucggagCcgucgugggaacacggg..... 1
 Gi2_10382529_x11.....gucgugggaacacggggGgccgaac..... 1
 Gi2_10385862_x11.....gggaCcacggggugccgaacu..... 1
 Gi3_27178328_x11.....gucgugggaacacggggUaccgaacu..... 1
 Gi2_10394970_x11.....cUucgugggaacacggggugccgaa..... 1
 Gi5_8413512_x11.....gugggaacacggggugccCaacu..... 1
 Gi2_10390790_x11.....Ucgaucggagacgucgugggaacac..... 1
 Gi2_10397544_x11.....acgucgugNgaacacggggugc..... 1
 Gi2_10393111_x11.....aucggagacgucgCgggaacacggggg..... 1
 Gi3_27152423_x11.....Ugagacgucgugggaacacggggugccgaa..... 1
 Gi3_27165513_x11.....cgugggaacacgUggugc..... 1
 Gi3_27177250_x11.....Gcgugggaacacggggugccgaa..... 1
 Gi5_8415261_x11.....gggaacacggAgugccgaacu..... 1
 Gi2_10369549_x11.....ggagacgucgugggaacacggUgugcc..... 1
 Gi5_8419518_x11.....ugggaacacggggugccgaacG..... 1
 Gi2_10377832_x11.....aacacggggugcAgaacu..... 1
 Gi5_8420959_x11.....acUucgugggaacacggggugccgaacu..... 1
 Gi1a_5616751_x11.....cgugggaacacggggugccgaCcu..... 1
 Gi3_27148595_x11.....acUucgugggaacacggggugccgaacu..... 1
 Gi3_27134856_x11.....aucggagGcgucgugggaacacggggugcc..... 1
 Gi5_8422378_x11.....gugggaacacggggugccGac..... 1
 Gi1a_5622757_x10.....gaucggagacgucgugggaacacgggg..... 0
 Gi2_10425852_x10.....cgugggaaNacggggugccg..... 1
 Gi3_27211362_x10.....ugAgaacacggggugccga..... 1
 Gi2_10408812_x10.....Uggagacgucgugggaacacggggugcc..... 1
 Gi5_8446366_x10.....uAggaacacggggugccgaac..... 1
 Gi1_3926034_x10.....gaacacggggugccgUacu..... 1
 Gi3_27234332_x10.....cgucgugggaGcacggggugccg..... 1
 Gi3_27238252_x10.....cgCcgugggaacacggggugccg..... 1

Gi3_27205172_x10.....aucggaAacgucgugggaaacacggggu..... 1
 Gi2_10427762_x10.....cgGgggaacacggggugccg..... 1
 Gi3_27192932_x10.....cAugggaacacggggugc..... 1
 Gi5_8443976_x10.....Gucggagacgucgugggaaacacgg..... 1
 Gi2_10420632_x10.....gucgugggaaacacggAgugccgaacu..... 1
 Gi3_27229732_x10.....Ugagacgucgugggaaacacgg..... 1
 Gi2_10404192_x10.....aucggagacgucguAggaacac..... 1
 Gi3_27192662_x10.....aucggagacguUgugggaaacacggggu..... 1
 Gi4_519349_x10.....Ggugggaacacggggugccgaacu..... 1
 Gi3_27225702_x10.....ugggaaacacggAgugccgaa..... 1
 Gi3_27216132_x10.....cgucgugggaaacacggggAgcc..... 1
 Gi2_10426542_x10.....ucgugggaaacacggggugccgaUc..... 1
 Gi5_8432876_x10.....ggaacacggggugccgaCcu..... 1
 Gi2_10423722_x10.....Uagacgucgugggaaacacggggugccgaacu..... 1
 Gi3_27198422_x10.....cUgagacgucgugggaaacacggggugc..... 1
 Gi2_10407982_x10.....cgucgugggaaacacggggCgcc..... 1
 Gi2_10399922_x10.....aucggagacgucgugggGacacggggugcc..... 1
 Gi2_10402092_x10.....ucgugggaaacacAgggugccgaac..... 1
 Gi3_27224622_x10.....cgucgugggaaacacggggugccgaUc..... 1
 Gi3_27220392_x10.....uGggagacgucgugggaaacacggggugcc..... 1
 Gi3_27236482_x10.....cgucguggNaacacggggugc..... 1
 Gi2_10416472_x10.....gggUacacggggugccgaacu..... 1
 Gi3_27202302_x10.....cUgagacgucgugggaaacacgg..... 1
 Gi2_10418932_x10.....auUggagacgucgugggaaacacggg..... 1
 Gi5_8443746_x10.....cgugggaaNacggggugccga..... 1
 Gi3_27224642_x10.....cgugggaaacacggUgugccgaac..... 1
 Gi3_27192382_x10.....ucgugggaaacacAgggugccgaac..... 1
 Gi3_27193052_x10.....gUagacgucgugggaaacacggg..... 1
 Gi2_10421362_x10.....aCcgagacgucgugggaaacacggggugc..... 1
 Gi3_27198852_x10.....gugggaaacacggggugccgaC..... 1
 Gi2_10398782_x10.....Ggucgugggaaacacggggugc..... 1
 Gi3_27235102_x10.....aucggagacgucgugAgaacacggggu..... 1
 Gi3_27195202_x10.....Acgugggaaacacggggugccgaac..... 1
 Gi5_8435556_x10.Ggcgaucggagacgucgugga..... 1
 Gi1_3919754_x10.....ggaacaUggggugccgaacu..... 1
 Gi3_27241342_x10.....gacgucgugggaaacacggggugccgaGcu..... 1
 Gi2_10404452_x10.....cgGgggaacacggggugccgaa..... 1
 Gi3_27216402_x10...gUucggagacgucgugggaaacacggggu..... 1
 Gi1_3918424_x10.....ucgGgggaacacggggugccgaacu..... 1
 Gi3_27201952_x10.....gugggaaacaUggggugccg..... 1
 Gi2_10414272_x10.....gggaacaAgggugccgaacu..... 1
 Gi3_27218592_x10.....ugggaaacacgggUugccga..... 1
 Gi3_27222082_x10.....aGcacggggugccgaacuu..... 1
 Gi2_10415442_x10.....ucggagacgucgugggaaacacggggugccgaacu..... 0
 Gi5_8443816_x10.....ggaacaAgggugccgaacu..... 1
 Gi1_3917144_x10.....cgugggaaacacggggugcAgaacu..... 1
 Gi1_3927084_x10.....ucggagacgucgugggaaacacggggugccgaacu..... 0

Gi2_10422302_x10.....cgugggGacacggggugccgaa.....	1
Gi4_520529_x10.....ggaacacggggugccgaac.....	0
Gi2_10409832_x10....aucggagacGcgugggaacacggggugcc.....	1
Gi5_8435956_x10.....ggaacaUggggugccgaacu.....	1
Gi3_27195112_x10.....gggaacacggggugccgaC.....	1
Gi3_27199492_x10.....cgucgugggaCcacggggugcc.....	1
Gi2_10403842_x10.....gugggaacaUggggugcc.....	1
Gi2_10419912_x10....aucggagGcgucgugggaacacggggugcc.....	1
Gi1_3926704_x10.....gaaUacggggugccgaacu.....	1
Gi2_10415602_x10.....Gcgucgugggaacacggggugccgaac.....	1
Gi3_27204542_x10...cUaucggagacgucgugggaacacggg.....	1
Gi5_8431476_x10.....gggaaUacggggugccgaacu.....	1
Gi3_27234592_x10....aucgUagacgucgugggaacacgg.....	1
Gi2_10400452_x10.....cgCgggaacacggggugccg.....	1
Gi2_10418412_x10.....ggaaGacggggugccgaac.....	1
Gi3_27190862_x10.....gugggaacacggggugccgU.....	1
Gi3_27207082_x10.....gugggaacacggggAgccga.....	1
Gi2_10423152_x10....auUggagacgucgugggaacacggggugcc.....	1
Gi3_27209062_x10.....cggagacgucgugggaacacggggC.....	1
Gi2_10403112_x10.....gacgucgugggaGcacggggugccgaacu.....	1
Gi5_8444216_x10.....ggaacacggAgugccgaacu.....	1
Gi2_10410932_x10.....gugggaacacgAggugcc.....	1
Gi1_3923864_x10.....ggaacacggggugcUgaacu.....	1
Gi5_8433976_x10.....cgucgugggaacacggggugccgaaAu.....	1
Gi2_10407392_x10.....ggagacgucgugggaGcacggggugcc.....	1
Gi2_10420422_x10.....gucgugggaacacggggugccgaCc.....	1
Gi3_27207532_x10.....cgGcgugggaacacggggugccg.....	1
Gi1_3924384_x10.....gaacacggggugcAgaacu.....	1
Gi3_27221502_x10.....Gggagacgucgugggaacacggggu.....	1
Gi1_3921164_x10.....cgugggaacacggggugccgUacu.....	1
Gi2_10422112_x10.....gGacacggggugccgaac.....	1
Gi3_27217742_x10....aucggagacgucgugggaaAacg.....	1
Gi3_27226482_x10.....ggaacacggggGgccgaa.....	1
Gi2_10397872_x10.....aacacggggugUcgaacu.....	1
Gi2_10410662_x10.....cggagacgucgugggaacGcggggugcc.....	1
Gi3_27242532_x10.....gucgugggaacacggggugcUgaac.....	1
Gi3_27200042_x10....aucggagacgucguggAaacacggg.....	1
Gi3_27214082_x10....aucggagacGcgugggaacacggggugcc.....	1
Gi2_10405782_x10....aucggagacgucgugggaGcacg.....	1
Gi2_10423612_x10.....cgugggaacacggggugccgaC.....	1
Gi5_8450856_x10.....gCaacacggggugccgaac.....	1
Gi2_10408722_x10....aucggagacgucgugggaacGcg.....	1
Gi3_27208182_x10.....gggaacacgUggugccgaacu.....	1
Gi2_10421472_x10.....ugggaacacggggugccgC.....	1
Gi3_27235862_x10.....ggaacacggUgugccgaac.....	1
Gi3_27190562_x10.....gugggaacacggggugGcga.....	1
Gi5_8441186_x10.....Uucgugggaacacggggugccgaa.....	1

G1a_5628517_x10.....gGcgugggaacacggggugccgaacu..... 1
 Gi1_3916694_x10...Uaucggagacgucgugggaacacgg..... 1
 Gi3_27214452_x10.....cgugggaacacggggugccgaC..... 1
 Gi5_8437276_x10.....gggaGcacggggugccgaac..... 1
 Gi2_10408712_x10.....cCucgugggaacacggggugccg..... 1
 Gi5_8432796_x10...gaucggagacgucgugggaacacggggugcc..... 0
 Gi2_10407992_x10...aucggagacgCcgugggaacac..... 1
 Gi2_10413112_x10.....cguAggaacacggggugccgaac..... 1
 Gi3_27201972_x10.....cggagacgucgugggaacacggggGgcc..... 1
 G1a_5633367_x10.....cgugggaacacAgggugccgaacu..... 1
 Gi5_8437056_x10.....cgugggaGcacggggugccgaac..... 1
 Gi3_27238342_x10...gaCcgagacgucgugggaacacggggg..... 1
 Gi2_10426772_x10.....cggagacgucgugggGacacggggugcc..... 1
 Gi3_27205182_x10.....cgCgggaacacggggugccg..... 1
 Gi3_27229062_x10.....cgugggaacacggggugccAa..... 1
 Gi1_3920144_x10.....gaacacggggugccgaUcu..... 1
 G1a_5633237_x10...cUgagacgucgugggaacacggggg..... 1
 Gi3_27220492_x10.....Ugagacgucgugggaacacggggugccga..... 1
 Gi3_27214252_x10.....gugggaacUcggggugcc..... 1
 Gi3_27216052_x10.....gaNcacggggugccgaacu..... 1
 Gi3_27227032_x10...aucAgagacgucgugggaacacgg..... 1
 Gi1_3923914_x10.....cguggAaacacggggugccgaacu..... 1
 Gi5_8438476_x10.....cgucguAggaacacggggugccgaacu..... 1
 Gi3_27206892_x10.....cgucgugggaaUacggggugccgaacu..... 1
 Gi3_27215952_x10.....cgucgugggaacacggggGgccga..... 1
 Gi2_10406942_x10.....cggagacgucgugggaCcacggggugcc..... 1
 Gi1_3924304_x10.....acgucgugggaacacggggGgccgaacu..... 1
 Gi3_27225582_x10...aucggagacgucgugggaacacAg..... 1
 Gi5_8436716_x10.....Cgggaacacggggugccgaac..... 1
 Gi3_27216792_x10.....gggaacacggggCgccgaa..... 1
 Gi2_10423372_x10.....gugggaacUcggggugccgaac..... 1
 Gi5_8432666_x10.....cgugggaacaAgggugccgaacu..... 1
 Gi2_10408942_x10.....Aacgucgugggaacacggggugcc..... 1
 Gi5_8436056_x10.....ugggaacacggggugcUgaac..... 1
 Gi5_8432136_x10.....Cgaacacggggugccgaac..... 1
 Gi1_3927204_x10.....cgugggaacacggggAgccgaacu..... 1
 Gi2_10417822_x10...aucggagacgucgugggaacacAggugc..... 1
 Gi2_10427352_x10.....ggaacacggggugccgaaA..... 1
 Gi3_27220322_x10...gaucggagacgucgugggaGcacg..... 1
 Gi3_27237422_x10...aucAgagacgucgugggaacacgggg..... 1
 Gi3_27240942_x10.....gggaacacggggugAcgaac..... 1
 G1a_5620767_x10.....ggaacacAgggugccgaacu..... 1
 Gi2_10425742_x10.....aUacgucgugggaacacggggugccg..... 1
 Gi2_10407872_x10...cUgagacgucgugggaacacggggug..... 1
 Gi1_3917364_x10.....ucgugggaacacggAgugccgaacu..... 1
 Gi2_10399542_x10.....ucgugggaacacUgggugccgaacu..... 1
 Gi3_27217912_x10.....cgucgugggaacacggggugcAgaacu..... 1

Gi3_27199842_x10.....gucgugggaaacacggggGgc..... 1
Gi2_10399012_x10.....cguUgugggaaacacggggugccgaacu..... 1
Gi1_3919724_x10.....cgugAgaacacggggugccgaacu..... 1
Gi3_27231222_x10.....uggCaacacggggugccgaacu..... 1
Gi2_10417402_x10.....gucgugggNacacggggugcc..... 1
Gi3_27212712_x10....gaucggagGcgucgugggaaacacgggg..... 1
Gi2_10420582_x10....gUucggagacgucgugggaaacacgggg..... 1
Gi3_27204982_x10.....cgugggaUcacggggugccgaac..... 1
Gi5_8436366_x10.....guggAaacacggggugccgaac..... 1
Gi3_27200462_x10.....ucgugggUaacacggggugccgaacu..... 1
Gi3_27208562_x10.....gGcgugggaaacacggggugccgaa..... 1
Gi3_27223012_x10....cUaucggagacgucgugg..... 1
Gi2_10408962_x10.....ucgugggaacGcggggugccgaac..... 1
Gi2_10416622_x10.....ggagacgucgugggaaacacggggugccgaac..... 0
Gi2_10412572_x10.....ugggaacacggggugccgaacG..... 1
Gi5_8448056_x10.....gucgugggaaacacAgggugccgaacu..... 1
Gi2_10403922_x10....aucggagacgucgugggaaacG..... 1
Gi5_8444506_x10.....ugggaGcacggggugccgaac..... 1
Gi2_10421282_x10.....gCgggaacacggggugccgaa..... 1
Gi5_8437666_x10.....gAgaacacggggugccgaac..... 1
Gi3_27223552_x10.....cCugggaacacggggugc..... 1
Gi5_8433016_x10.....gugggaacacgggCugccgaacu..... 1
Gi3_27187772_x10....aucggagaNgucguggga..... 1
Gi2_10401962_x10.....cgAagacgucgugggaaacacggggugc..... 1
Gi3_27207892_x10.....gUagacgucgugggaaacacgg..... 1
Gi3_27197342_x10....aucggagacgucgugggaaacacAggg..... 1
Gi2_10405582_x10.....gucgugggaaacGcggggugccgaac..... 1
Gi3_27233172_x10.....gacgucgugggaaacacggggugccgCac..... 1
Gi3_27233262_x10....aucggagacgucguggggaCcacggggugcc..... 1
Gi5_8449426_x10.....ugggaacacggUgugccgaacu..... 1
Gi3_27222202_x10.....gugggaacacggggugccC..... 1
Gi3_27229972_x10.....gacgucgugggGaacacggggugccgaacu..... 1
Gi3_27237382_x10.....gugggaacacggggugAcg..... 1
Gi3_27200492_x10.....uggUaacacggggugccgaacu..... 1
Gi5_8451836_x10.....gaacacggggugAcgaacu..... 1
Gi3_27203862_x10....aucggagacgucguggAaacacgggg..... 1
Gi3_27209482_x10.....ggagacguNguggaaacacggggugcc..... 1
Gi3_27206182_x10....aucUgagacgucgugggaaacacg..... 1
Gi3_27187952_x10.....ugggaacaGggggugccgaacu..... 1
Gi2_10419492_x10.....ggGgacgucgugggaaacacggggugccgaacu..... 1
Gi3_27211332_x10.....ugggaacUcggggugccgaac..... 1
Gi3_27199122_x10.....cgucguggNaacacggggugccga..... 1
Gi5_8435916_x10....Gucggagacgucgugggaaacacg..... 1
Gi2_10405372_x10....aucggagacgucgugggaaacacggggAgc..... 1
Gi2_10413712_x10.ugcgaucggagacgucgugggaaacacgggg..... 0
Gi1_3921984_x10.....ggaacacggggugccAaacu..... 1
G1a_5630467_x10.....gUagacgucgugggaaacacggggugcc..... 1

Gi1_3919164_x10.....cgucgugggaacCcggggugccgaacu..... 1
 Gi1_3928114_x10.....cgugggaacacggggugUcgaacu..... 1
 Gi2_10421422_x10.....ggaacacgggAugccgaacu..... 1
 Gi1a_5628187_x10.....ugggGacacggggugccgaacu..... 1
 Gi1a_5630147_x10.....aGcacggggugccgaacu..... 1
 Gi3_27200352_x10....gaucggagacgucgugggaacCcggggu..... 1
 Gi2_10399102_x10.....cgCcgugggaacacggggugccg..... 1
 Gi3_27203522_x10.....cgucgugggGacacggggugc..... 1
 Gi3_27233682_x10.....ugggaacacggggugccgGa..... 1
 Gi4_519379_x10....gaucggagacgucgugggaacacggg..... 0
 Gi2_10402402_x10.....gucgugggaacacggggAgccgaacu..... 1
 Gi3_27230512_x10.....gggaGcacggggugccgaa..... 1
 Gi5_8446136_x10.....uggNaacacggggugccgaacu..... 1
 Gi2_10428592_x10.....gugggaacacggggugccgaC..... 1
 Gi1_3927864_x10.....aacacggggugcUgaacu..... 1
 Gi1_3921234_x10.....cgugggaacacggggUaccgaacu..... 1
 Gi2_10400442_x10.....Cucgugggaacacggggugcc..... 1
 Gi2_10424272_x10.....cgCgggaacacggggugccgaa..... 1
 Gi5_8449506_x10.....ugggaacaAggggugccgaacu..... 1
 Gi2_10406832_x10.....gugggaacaUggggugccg..... 1
 Gi3_27217892_x10.....cgAgggaacacggggugccgaa..... 1
 Gi2_10414102_x10.....ggaacacggAgugccgaac..... 1
 Gi3_27206612_x10.....ggaacacgUggugccgaac..... 1
 Gi3_27225142_x10....aucggagacgucgugggGacac..... 1
 Gi2_10404752_x10.....gucgugggaacacggggugccAaacu..... 1
 Gi2_10398432_x10.....ucgugggaacacggAgugccgaacu..... 1
 Gi5_8449806_x10.....ggUaacacggggugccgaac..... 1
 Gi5_8450406_x10.....gugggaacacggggugccAaac..... 1
 Gi3_27189142_x10.....uGgugggaacacggggugccg..... 1
 Gi2_10403822_x10.....ggaacacggggugccgaaAu..... 1
 Gi2_10427992_x10.....cgucUugggaacacggggugccg..... 1
 Gi2_10453872_x9.....ucgugggaacacggggugcAgaacu..... 1
 Gi5_8476464_x9.....cgugggaacacgCggugccgaacu..... 1
 Gi3_27300808_x9.....Aggagacgucgugggaacacggggugccg..... 1
 Gi3_27263368_x9.....ggaacacggCgugccgaacu..... 1
 Gi3_27291511_x9.....ucggagacgucgugggaacacggggugccgaac..... 0
 Gi5_8456376_x9.....cguNggaacacggggugccgaacu..... 1
 Gi2_10443279_x9....aucggagacgucgugggaacaUgggg..... 1
 Gi2_10449471_x9.....gugggaacacggggUaccga..... 1
 Gi3_27252163_x9.....cgucgugggaaUacggggugccgaac..... 1
 Gi3_27292978_x9.....gugggaaUacggggugccg..... 1
 Gi3_27278812_x9....aucggagacgucAugggaacacg..... 1
 Gi1_3929392_x9.....gugggaacacggggAgccgaacu..... 1
 Gi3_27249121_x9.....ucgugggaacacggAgugccgaac..... 1
 Gi2_10431822_x9.....agacgucgugggaacCcggggugcc..... 1
 Gi3_27248716_x9.....cgucAugggaacacggggugcc..... 1
 Gi5_8465628_x9.....ucgugggaacacggggugccgaaAu..... 1

Gi1a_5635489_x9.....gggaacacggggugccgaGcu..... 1
 Gi2_10445178_x9.....ggagGcgucgugggaacacggggugcc..... 1
 Gi2_10461765_x9.....ugggGacacggggugccg..... 1
 Gi5_8460858_x9.....ggaUcacggggugccgaacu..... 1
 Gi2_10461261_x9.....Uacgucgugggaacacggg..... 1
 Gi2_10446519_x9.....gacgucgugggaacacggggugccgaa..... 0
 Gi2_10447455_x9.....gucgugggaaAacggggugcc..... 1
 Gi2_10436430_x9.....cgGcgugggaacacggggugccg..... 1
 Gi3_27271729_x9.....cgugggaGcacggggugccgaa..... 1
 Gi3_27302221_x9.....gugggaacacggggugcAga..... 1
 Gi3_27280909_x9.....gucgugggaacacggggGgcc..... 1
 Gi2_10447419_x9.....Aaucggagacgucgugggaacacggg..... 1
 Gi2_10439418_x9.....gcgauccggagacgucgugggaacacggggugcc..... 0
 Gi5_8460237_x9.....acgucgugggaacacggggugcAgaacu..... 1
 Gi5_8464845_x9.....acgucgugggaacCcggggugccgaacu..... 1
 Gi2_10459371_x9.....ugggaacacggggugccgaCc..... 1
 Gi2_10432650_x9.....cgucgugggaacacggggugUcgaacu..... 1
 Gi3_27295624_x9.....gacgucgugggaacGcggggugccgaacu..... 1
 Gi5_8459526_x9.uUcgauccggagacgucguggg..... 1
 Gi2_10449057_x9.....gugggaacacggggugccA..... 1
 Gi3_27262486_x9.....ggagacgucUugggaacacggggg..... 1
 Gi3_27248320_x9.....ggagacgucgugggaacaUggggugccg..... 1
 Gi3_27280603_x9.....gaacacggggugccCaacu..... 1
 Gi2_10441893_x9.....Gucggagacgucgugggaac..... 1
 Gi3_27291565_x9.....cCugggaacacggggugccgaa..... 1
 Gi5_8455953_x9.....Nugggaacacggggugccgaacu..... 1
 Gi5_8469120_x9.....cgucgugggaacacggggAgccgaacu..... 1
 Gi2_10436169_x9.....Gcggagacgucgugggaacacggggugcc..... 1
 Gi2_10436727_x9.....acgucgugggaacacggggGgccgaac..... 1
 Gi3_27305074_x9.....gaucggagacgucgugggaacaAgggg..... 1
 Gi3_27301249_x9.....Aacgucgugggaacacggggugccgaacu..... 1
 Gi3_27304561_x9.....cgAcgugggaacacggggugcc..... 1
 Gi3_27300439_x9.....aucggagacgucgugggaacacgA..... 1
 Gi5_8473818_x9.....Augggaacacggggugcc..... 1
 Gi3_27302707_x9.....gucgugggaacacggggCgcc..... 1
 Gi3_27256348_x9.....gugggaacaAggggugccga..... 1
 Gi4_522819_x9.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi2_10453899_x9.....cggagacgucgugggaacCcggggugc..... 1
 Gi2_10444836_x9.....aAcggagacgucgugggaacacggggg..... 1
 Gi5_8461488_x9.....ucggagacgucgugggaacacggggugccgaac..... 0
 Gi2_10432065_x9.....ugggaacacgggUugccgaac..... 1
 Gi2_10436196_x9.....aucggagacgucguAgggaacacggggg..... 1
 Gi1_3938167_x9.....acgucgugggaGcacggggugccg..... 1
 Gi2_10457616_x9.....cgugggaacacggggugccgaaGu..... 1
 Gi2_10460109_x9.....aUacgucgugggaacacggggugccgaac..... 1
 Gi2_10443153_x9.....gugggaUacggggugccga..... 1
 Gi5_8463639_x9.....ggaacacgggAugccgaacu..... 1

Gi2_10458903_x9.....cgucgugggaacacggggugccgGacu..... 1
Gi2_10461090_x9.....gCcgugggaacacggggugcc..... 1
Gi2_10460487_x9....gaucggagacgucgugggaacGcggg..... 1
G1a_5635012_x9.....gCgaacacggggugccgaacu..... 1
G1a_5649844_x9.....gGgggaacacggggugccg..... 1
Gi3_27245296_x9.....cgugAgaacacggggugcc..... 1
Gi3_27272953_x9.....cgugggaacaGggggugccgaacu..... 1
Gi2_10449354_x9.....aUgucgugggaacacggggugccgaacu..... 1
Gi5_8466888_x9....aucggagaNgucgugggaacacgg..... 1
Gi2_10458219_x9.....Aucgugggaacacggggugc..... 1
Gi2_10437573_x9.....ugggaGcacggggugccga..... 1
Gi3_27299314_x9.....gggaacacgggAugccgaac..... 1
Gi2_10452216_x9.....cgCgggaacacggggugccga..... 1
Gi3_27298396_x9.....cCugggaacacggggugccg..... 1
G11_3935224_x9.....gaacacggggugccgaaUu..... 1
Gi2_10458579_x9.....ggaUcacggggugccgaacu..... 1
Gi2_10438572_x9.....gugggaacacggggUccgaacu..... 1
Gi2_10432254_x9.....cgugggaacacggggUccgaacu..... 1
Gi5_8456079_x9.....cgugggaacacggggugcGgaacu..... 1
Gi5_8465709_x9.....ggaacacggggugccgaacG..... 1
Gi2_10437186_x9.....gGgacgucgugggaacacggggugccgaacu..... 1
Gi3_27268633_x9.....gucgugggaacaGggggugccgaacu..... 1
Gi2_10458480_x9.....gugggaacacggggugGc..... 1
G11_3931516_x9....aucggagacgucgugggaacacgU..... 1
Gi3_27301339_x9....aucggagacAucgugggaacacg..... 1
G11_3929014_x9.....aacacggggugccgaaUu..... 1
Gi2_10459119_x9.....guAggaacacggggugccga..... 1
Gi3_27296704_x9.....Uacgucgugggaacacggggugc..... 1
Gi3_27244648_x9.....gucgugggCacacggggugccgaac..... 1
Gi3_27285310_x9.....ucgugggaaUacggggugccgaac..... 1
Gi3_27286867_x9....aucggagacgucgugggaacacggA..... 1
Gi2_10429428_x9.....ugggaacGcggggugccga..... 1
Gi3_27298648_x9.....cgAcgugggaacacggggugccg..... 1
Gi5_8464449_x9.....gggaacacggggugccgaUc..... 1
Gi5_8461992_x9.....gucgugAgaacacggggugccgaacu..... 1
Gi3_27292501_x9....aucgAagacgucgugggaacacg..... 1
Gi5_8468445_x9.....ugggCacacggggugccgaacu..... 1
Gi2_10457445_x9.....ucgugggaacacggggAgccgaacu..... 1
G11_3941902_x9.....ucgugggaGcacggggugcc..... 1
G1a_5647270_x9.....gggaacacggggugccgCacu..... 1
Gi5_8474592_x9.....agUcugcugggaacacggggugccgaacu..... 1
G1a_5635732_x9....aucggagacgucgCgggaacacggg..... 1
G11_3933955_x9.....ucgugggaacacUgggugccgaacu..... 1
Gi3_27300574_x9.....cgucgugggaacacggggAgccgaacu..... 1
Gi3_27247753_x9.....ggaacacggUgugccgaacu..... 1
Gi3_27280117_x9.....agacgucgugggaacacggggugccgCacu..... 1
Gi5_8458887_x9.....aaAacggggugccgaacu..... 1

Gi1_3930607_x9.....ucgugggaacacgAggugccgaacu..... 1
 Gi2_10429167_x9.....gucgAgggaacacggggugccgaacu..... 1
 Gi3_27265501_x9.....cgugggGacacggggugccg..... 1
 Gi2_10457994_x9.....acgucgugggaacacggAgugccgaacu..... 1
 Gi3_27261676_x9.....gaUgucgugggaacacggggugccgaac..... 1
 Gl1_5653984_x9.....aCcgagacgucgugggaacacggg..... 1
 Gi2_10440642_x9.....acgucgugNgaacacggggugccgaac..... 1
 Gi3_27292168_x9.....cgucgugggaacacggggugccgaacG..... 1
 Gi1_3940669_x9.....gacgucgugggGacacggggugccgaacu..... 1
 Gi5_8471883_x9.....Uacgucgugggaacacggggugccgaac..... 1
 Gi3_27255277_x9.....aucgUagacgucgugggaacacgggg..... 1
 Gi2_10444917_x9.....aucggagacgCcgugggaacacggggugc..... 1
 Gi1_3933001_x9.....Ggugggaacacggggugccga..... 1
 Gi5_8467140_x9.....gucgugggaacacggggugccgGacu..... 1
 Gi3_27273997_x9.....cgucgugggaacacggggugccA..... 1
 Gi2_10442775_x9.....cguggAaacacggggugccgaac..... 1
 Gi2_10458192_x9.....cCucgugggaacacggggugccgaacu..... 1
 Gi3_27303958_x9.....ugggaacacAgggugccgaa..... 1
 Gi3_27298882_x9.....aacacgUggugccgaacu..... 1
 Gi3_27290836_x9.....Agugggaacacggggugccga..... 1
 Gi2_10452198_x9.....aucggagaNgucgugggaacacg..... 1
 Gi4_521703_x9.....gugggaacacggggugccgaGcu..... 1
 Gi2_10454430_x9.....gaacacggggugccgaacG..... 1
 Gi5_8462667_x9.....guNgggaacacggggugccgaacu..... 1
 Gi3_27303067_x9.....cgucUugggaacacggggugc..... 1
 Gi3_27271360_x9.....gacgucgugggaacacggggAgccgaacu..... 1
 Gl1_5648206_x9.....aacacgggNugccgaacu..... 1
 Gi3_27271639_x9.....aucggagacgucUugggaacacgggg..... 1
 Gi1_3937537_x9.....gCcgugggaacacggggugcc..... 1
 Gi3_27273547_x9.....gaucggagGcugcuggggaacacggg..... 1
 Gi2_10438923_x9.....ugggCacacggggugccgaacu..... 1
 Gi1_3931075_x9.....ucgAgggaacacggggugccgaacu..... 1
 Gi1_3928969_x9.....uUggaacacggggugccg..... 1
 Gi2_10432209_x9.....cgucgCgggaacacggggugccgaacu..... 1
 Gi3_27255700_x9.....gaacacgAggugccgaac..... 1
 Gi5_8468013_x9.....cUucgugggaacacggggugccgaa..... 1
 Gi1_3935872_x9.....cgucgugggaacGcggggugccgaacu..... 1
 Gi2_10449363_x9.....gUagacgucgugggaacacggggugccg..... 1
 Gi2_10444233_x9.....aucggagacgucgugggaacCcgggg..... 1
 Gi1_3940453_x9.....ucgugggaUacggggugccgaacu..... 1
 Gi5_8473062_x9.....uGgugggaacacggggugccgaac..... 1
 Gi5_8453352_x9.....cgugggaacacggggUccgaacu..... 1
 Gi3_27266014_x9.....gacgCcgugggaacacggggugccgaacu..... 1
 Gi2_10439463_x9.....cAugggaacacggggugcc..... 1
 Gi3_27280738_x9.....ugggaacacggggugccgaUcu..... 1
 Gi3_27278353_x9.....cguNgggaacacggggugccgaac..... 1
 Gi3_27259525_x9.....cgugggaacacCgggugccgaacu..... 1

Gi2_10441767_x9.....agacgucgugggGacacggggugcc..... 1
Gi3_27296092_x9.....acgucgugggaacacggggugccgaGc..... 1
Gi1_3930382_x9.....ucguggaacaUggggugccgaacu..... 1
Gi1_3942172_x9.....ucguggaacacggggCgcc..... 1
Gi1_3936925_x9.....uggaacacggggugccgaCcu..... 1
Gi2_10433361_x9.....cgugggaacacggggCgcc..... 1
Gi3_27302428_x9.....uggaacacggggugccUaac..... 1
Gi3_27305506_x9.....aucggagacgucgugggGacacggggugcc..... 1
Gi1_3939958_x9.....aacacggggugcAgaacu..... 1
Gi3_27298702_x9.....aucggaAacgucgugggaacacggg..... 1
G1a_5643670_x9.....Uugggaacacggggugccgaa..... 1
Gi2_10461603_x9.uUcgauccgagacgucgugggaacacg..... 1
Gi5_8465844_x9.....ggaacacggggugccgaaAu..... 1
Gi5_8458833_x9.....acgucAugggaacacggggugccgaacu..... 1
Gi5_8460264_x9.....gggaacacggggugccGac..... 1
Gi2_10437987_x9.....cgucgugNaacacggggugccgaac..... 1
Gi5_8461506_x9.....ucguggaacacggggugcAgaacu..... 1
Gi3_27246250_x9.....gggaacacggggugccgaUcu..... 1
Gi5_8468391_x9.....acgucgugggaacacAgggugccgaacu..... 1
Gi5_8459112_x9.....gugggaacacgCggugccgaacu..... 1
Gi2_10459893_x9.....aucggagacgucgugggCaca..... 1
Gi5_8465961_x9.....ggaacUcggggugccgaacu..... 1
Gi2_10459425_x9.....gugAgaacacggggugccg..... 1
Gi5_8474070_x9.....gggaacGcggggugccgaac..... 1
Gi2_10433415_x9.....ggaacaAggggugccgaacu..... 1
Gi3_27304624_x9.....ugggaacacggggugcGgaacu..... 1
Gi3_27253045_x9.....gacgucgugggaacacggggAgccgaac..... 1
Gi2_10449084_x9.....gaucggagacgucgugggaacacggggG..... 1
Gi5_8473242_x9.....cgugggaacacggggugcGgaacu..... 1
Gi3_27280450_x9.....uCggaacacggggugccg..... 1
Gi5_8467950_x9.....gugggaGcaccggggugccgaac..... 1
Gi2_10452594_x9.....cgucgugggaacacAgggugccgaacu..... 1
Gi1_3932947_x9.....ugggaacacggggugccgaU..... 1
Gi3_27269461_x9.....gUagacgucgugggaaca..... 1
Gi3_27259111_x9.....cgucgAgggaacacggggugccgaacu..... 1
G1a_5638531_x9.....cgugggaacacggggugcUgaacu..... 1
Gi2_10454394_x9.....gGcgugggaacacggggugccg..... 1
Gi2_10448247_x9.....guUggaacacggggugccgaa..... 1
Gi5_8465295_x9.....cgucgugAgaacacggggugccgaacu..... 1
Gi1_3940219_x9.....ucguggaacacggggugUcgaacu..... 1
Gi3_27294994_x9.....acgucgugggaacacgggguAccgaacu..... 1
Gi3_27247816_x9.....acgucgugggaacacggggugccgaaUu..... 1
Gi3_27255268_x9.....ggaacacggggugccgaaA..... 1
Gi2_10457220_x9.....gugggaaGacggggugccgaacu..... 1
Gi3_27304849_x9.....acgucgCgggaacacggggugccgaac..... 1
Gi1_3930589_x9.....aUgucgugggaacacggggugccgaacu..... 1
Gi3_27255727_x9.....gaucggagacgucgugggCacac..... 1

Gi5_8471091_x9.....gggaacacNgggugccgaa..... 1
Gi2_10444701_x9.....guCggaacacggggugccgaacu..... 1
Gi2_10432785_x9.....aucggagacgCcgugggaacacgggggu..... 1
Gi2_10456716_x9.....ugggaacacggggugccgaaUu..... 1
Gi3_27302842_x9.....cgugggaaUacggggugc..... 1
Gi4_521595_x9.....cgugggaaNacggggugccgaacu..... 1
Gi3_27258787_x9.....gucgugggaacacggggugccgaaA..... 1
Gi2_10433532_x9.....aucggagacgucgugggaacacAgggugc..... 1
Gi2_10461189_x9.....Ugugggaacacggggugc..... 1
Gi3_27291799_x9.....gugggaaAacggggugccg..... 1
Gi2_10442217_x9.....aacacgggAugccgaacu..... 1
G1a_5641393_x9.....Cgggaacacggggugccgaacu..... 1
Gi3_27246115_x9.....aucggagacgucgugggaacacggggCgc..... 1
Gi5_8475861_x9.....gaacCcgggugccgaacu..... 1
G1a_5638648_x9.....gaacacggNgugccgaacu..... 1
Gi5_8469093_x9.....auUggagacgucgugggaacacgg..... 1
Gi5_8467725_x9.....acgucguAggaacacggggugccgaacu..... 1
Gi5_8459472_x9.....gugggaacacggggugcUgaac..... 1
G1l_3938995_x9.....Uacgucgugggaacacggggugccgaac..... 1
Gi3_27281242_x9.....cAucgugggaacacggggugccgaac..... 1
G1l_3936007_x9.....cgucgugggaGcacggggugccgaacu..... 1
Gi4_523332_x9.....gUgaacacggggugccgaacu..... 1
Gi2_10443918_x9.....aucggagacgucgugggaacGcggggug..... 1
Gi3_27246007_x9.....cgucgugggaacacAgggugccgaac..... 1
Gi3_27261505_x9.....aucggagaUgucgugggaacacggg..... 1
Gi2_10451118_x9..Acgaucggagacgucgugggaacacggggugc..... 1
Gi3_27287182_x9.....cggagacgucgugggaGcacgggggu..... 1
Gi3_27296083_x9.....gugggaacacggggugc..... 1
G1l_3934063_x9.....gucgugggaacacggggugccgGacu..... 1
Gi3_27260326_x9.....ucgugggaUcacggggugccgaacu..... 1
Gi3_27246862_x9.....acgucgugggaacGcggggugccgaac..... 1
Gi2_10459434_x9.....gucgugggaacacggggugUcgaacu..... 1
Gi2_10454997_x9.....gucguggAaacacggggugccgaacu..... 1
Gi3_27277183_x9.....ugggGacacggggugccg..... 1
Gi2_10446726_x9.....cUucgugggaacacggggug..... 1
Gi3_27289621_x9...Aaucggagacgucgugggaacacgggg..... 1
G1a_5640034_x9.....ggaacacggggugccgGacu..... 1
Gi2_10435629_x9.....aucgUagacgucgugggaacacggggugcc..... 1
Gi2_10455420_x9.....gucgugggaacacggggugccgaaAu..... 1
Gi5_8453541_x9.....ugggaacacggggCgcccgaac..... 1
Gi2_10444143_x9.....gaacacggggugcAgaacu..... 1
Gi2_10438734_x9.....ggaacCcgggugccgaac..... 1
Gi2_10443162_x9.....cgugggCcacggggugc..... 1
Gi3_27295102_x9.....cggagacgucgugggaacacggggugccgaacA..... 1
Gi3_27270055_x9.....gGgacgucgugggaacacggggugccgaacu..... 1
Gi5_8497785_x8.....acgucgugggaGcacggggugccgaacu..... 1
Gi3_27316417_x8.....cgucgugggUacacggggugccgaacu..... 1

Gi2_10472250_x8...gaucggagacgucgugggCaca..... 1
 Gi2_10496138_x8...Aaucggagacgucgugggaacac..... 1
 Gi3_27309617_x8...aucggagacgucgugggCacac..... 1
 Gi5_8491089_x8.....acAucgugggaacacggggugccgaacu..... 1
 Gi2_10494626_x8.....gugggaacacggggugGcgaac..... 1
 Gi2_10482482_x8...aucggagGcgucgugggaacacggg..... 1
 Gi3_27372521_x8.....agacgucgugggaacacggggugccAaacu..... 1
 Gi1_3943333_x8.....cgucgGgggaacacggggugccgaacu..... 1
 Gi2_10484218_x8...aucggagacgucguggAaacacggggugc..... 1
 Gi2_10479282_x8.....gaacacggggugccUaacu..... 1
 Gi2_10481178_x8...aucggagacgucgugggaacacAggg..... 1
 Gi3_27354313_x8.....cgGcgugggaacacggggugccga..... 1
 Gi2_10493962_x8.....gugggaacGcggggugccgaa..... 1
 Gi5_8484617_x8.....guUggaacacggggugccga..... 1
 Gi2_10483698_x8...aucgUagacgucgugggaacacggggug..... 1
 Gi3_27310329_x8.....gugCgaacacggggugccgaac..... 1
 Gi3_27362449_x8...cgucgugggaacacggggugAcgaacu..... 1
 Gi2_10488026_x8.....ucgugggaacacggggugccgaaUu..... 1
 Gi3_27327289_x8...gUucggagacgucgugggaacacggg..... 1
 Gi2_10486130_x8.....cgugggaacacggGcguccgaacu..... 1
 Gi3_27355545_x8...gucguAggaacacggggugccgaac..... 1
 Gi3_27358113_x8.....gAaacacggggugccgaa..... 1
 Gi2_10464698_x8...gucgugggaacacggggGgc..... 1
 Gi5_8498297_x8.....gaacacggggugGcgaacu..... 1
 Gi2_10480970_x8...Aaucggagacgucgugggaacacgggg..... 1
 Gi2_10496970_x8.....gggaGcacggggugccgaa..... 1
 Gi1_3949269_x8...gaucggagacgucgugggaacacgggg..... 0
 Gi3_27318673_x8.....cgugggaacacgggAugcc..... 1
 Gi3_27337577_x8.....gggaacacUggggugccgaacu..... 1
 Gl1_5654697_x8.....gggaacacAgggugccgaacu..... 1
 Gi3_27318729_x8.....gaacacggggGgccgaac..... 1
 Gi5_8485673_x8.....aacacggggugccUaacu..... 1
 Gi3_27325793_x8...gucgugggaacacggggugccgaacG..... 1
 Gi5_8502017_x8.....ugAgaacacggggugccgaac..... 1
 Gi3_27343145_x8...Gcgugggaacacggggugcc..... 1
 Gi1_3947581_x8...Gcgucgugggaacacggggugcc..... 1
 Gi1_3949877_x8...Uagacgucgugggaacacggggugccg..... 1
 Gi2_10463090_x8...acgucgugggGcacggggugcc..... 1
 Gl1_5658201_x8.....gGacacggggugccgaacu..... 1
 Gi2_10474170_x8...ugUgaacacggggugccga..... 1
 Gi5_8478465_x8...auUggagacgucgugggaacacg..... 1
 Gi3_27329913_x8...cgucgugggaCcacggggugccgaac..... 1
 Gl1_5675177_x8.....ggaacacggggGgccgaacu..... 1
 Gi3_27333657_x8.....ggaacacggggugcGgaac..... 1
 Gi3_27365633_x8...aaGacggggugccgaacu..... 1
 Gi2_10468514_x8...gugggaaUacggggugccgaa..... 1
 Gi3_27375601_x8...cgugggaacacgAgggugcc..... 1

Gi5_8500537_x8.....cUugggaacacggggugccg.....	1
Gi3_27311593_x8.....gugggaacacggggugccgaaG.....	1
Gi3_27364817_x8.....cgucgugggaacGcggggugccg.....	1
Gi1_3946325_x8.....gaucggagacgucgugggaacacggg.....	0
Gi2_10468346_x8.....ggaacacggggugccgaaA.....	1
Gi2_10487314_x8.....gaucggagacgucgugggaacCcg.....	1
Gi1_3956557_x8.....aacacggggugUcgaacu.....	1
Gi2_10490114_x8.....gGcgucgugggaacacgggg.....	1
Gi2_10479370_x8.....gaucggagacgucgugggaacacggggC.....	1
Gi2_10488778_x8.....ggaacacgggAugccgaac.....	1
Gi2_10483730_x8.....Ugacgucgugggaacacg.....	1
Gi2_10478682_x8.....gaacacggggCgccgaac.....	1
Gi2_10469354_x8.....cgugggaacacggggCgc.....	1
Gi2_10486954_x8.....ggaacacggggugcAgaac.....	1
Gi3_27308657_x8.....aucggagacguUgugggaacacggg.....	1
Gi2_10495442_x8.....ggaacacggggugccgaCc.....	1
Gi2_10467346_x8.....gucguggGacacggggugccgaac.....	1
Gi3_27339945_x8.....guggCaacacggggugcc.....	1
Gi2_10483090_x8.....cgugggaacacggggugccgaG.....	1
Gi5_8488841_x8.....gaacacggggugcAgaacu.....	1
Gi2_10488074_x8.....aucggagacgucgugggaacacggggugccga.....	0
Gi3_27321161_x8.....cguAggaacacggggugc.....	1
Gi3_27311545_x8.....ggUgacgucgugggaacacgggg.....	1
Gi1_3952373_x8.....Uacgucgugggaacacggggugccg.....	1
Gi3_27317713_x8.....ggaacacggggUcCccgaacu.....	1
Gi5_8496529_x8.....agacgucgCgggaacacggggugccgaacu.....	1
Gi2_10495874_x8.....Uucgugggaacacggggugccgaa.....	1
Gi5_8493257_x8.....aucggagacgucguggGacacgg.....	1
Gi3_27373385_x8.....acgucgugggaacacggggugcAgaac.....	1
Gi2_10468026_x8.....gUagacgucgugggaacacg.....	1
Gi3_27322537_x8.....cgugggaaAacggggugccgaac.....	1
Gi2_10497354_x8.....aucgUagacgucgugggaacac.....	1
Gi3_27377209_x8.....ugggaacacgggAugccgaa.....	1
Gi3_27308041_x8.....ugggaCcacggggugccgaa.....	1
Gi3_27376297_x8.....cgugggaacacggggugAcg.....	1
Gi5_8500633_x8.....gggaacacgggAugccgaacu.....	1
Gi5_8496801_x8.....gugggaacacggAgugccg.....	1
Gi3_27327585_x8.....agacgucgugggaacacggggCgccgaac.....	1
Gi3_27316961_x8.....cgugggaacacggggugcGgaac.....	1
Gi5_8486033_x8.....agacgucgugggaacGcggggugccgaacu.....	1
Gi2_10497322_x8.....gggaacacggggAgccgaacu.....	1
Gi5_8498777_x8.....cgugggaacacggggugcUgaac.....	1
Gi2_10479786_x8.....cgugggaacCcgggugccgaac.....	1
Gi3_27374905_x8.....cgugggaacacggggUac.....	1
Gi2_10474434_x8.....gaucggagacgucgugggaacGcgggg.....	1
Gi3_27372433_x8.....aucggaAacgucgugggaacacg.....	1
Gi3_27347505_x8.....cgugggaGcacggggugccg.....	1

Gi1_3950485_x8.....	uggaacacggggugcAgaacu.....	1
Gi2_10478226_x8.....	gaacacggggugccgaUc.....	1
Gi2_10481698_x8.....	gaacacggggugccgaaAu.....	1
Gi5_8480593_x8.....	aucggagacgucguggaacacggggugccgaacu.....	0
Gi1_3953669_x8.....	ggaacacggggGgcccgaacu.....	1
Gi3_27352329_x8.....	aucgAagacgucguggaacacggggg.....	1
Gi2_10481250_x8.....	cguggaacacUggggugccg.....	1
Gi2_10475002_x8.....	ugCgaacacggggugccgaacu.....	1
Gi3_27343889_x8.....	ggagacgucguggGacacggggg.....	1
Gi1_3944237_x8.....	acgucguggaacacggggugcAgaacu.....	1
Gi2_10494330_x8.....	gaucggagNcgucguggaacacggggugc.....	1
Gi3_27335441_x8.....	aucggagacgucguggaacacgggAu.....	1
Gi1_3953661_x8.....	uggaacacggggugUcgaacu.....	1
Gi5_8479993_x8.....	uggaacacggggugccUaacu.....	1
Gi5_8491521_x8.....	ucguggaacacggggugccgaacG.....	1
Gi3_27332745_x8.....	ggagacgucguggaacacggggC.....	1
Gi3_27375129_x8.....	ucguggaacacggggugccgaaU.....	1
Gi3_27374049_x8.....	gaucggagacgucguggaacCcggg.....	1
Gi2_10478602_x8.....	aucggagacgucguggaacacggggGgcc.....	1
Gi3_27309697_x8.....	acgucgAgggaacacggggugccgaacu.....	1
Gi3_27320001_x8.....	aucggagacgucguggaacGc.....	1
Gi5_8496929_x8.....	cguggUaacacggggugccgaacu.....	1
Gi3_27329825_x8.....	ggaGcacggggugccgaa.....	1
Gi1_3951365_x8.....	agacgucgNgggaacacggggugccgaacu.....	1
Gi3_27355785_x8.....	cguggaacacggggugccgC.....	1
Gi5_8479449_x8.....	gggaacacggggugcAgaacu.....	1
Gi3_27336489_x8.....	gggaacacggUgugccgaacu.....	1
Gi2_10485634_x8.....	aucggagacgucgugAgaacacggggugc.....	1
Gi3_27375937_x8.....	uggaacacggggugccCaacu.....	1
Gi3_27343761_x8.....	gacgucguggaacacggggugccgaGc.....	1
Gi2_10493074_x8.....	guggaacacAgggugccg.....	1
Gi3_27358681_x8.....	gaucggagacgucguggaacacggggA.....	1
Gi5_8485441_x8.....	gaUgucguggaacacggggugccgaacu.....	1
Gi2_10486338_x8.....	cgaucggGgacgucguggaacacggggugc.....	1
Gi2_10486658_x8.....	gaucggagacgucguggGacacg.....	1
Gi2_10479002_x8.....	gaacacggggugccgUac.....	1
Gi2_10482610_x8.....	aAcggagacgucguggaacac.....	1
Gi1_3948205_x8.....	cguggaacacggggugccgGacu.....	1
Gi2_10467378_x8.....	Ggucguggaacacggggugccgaac.....	1
Gi2_10483658_x8.....	acgucguggaacacggggugUc.....	1
Gi1_3946725_x8.....	cguggaacacUggggugccgaacu.....	1
Gi3_27318377_x8.....	ugNgaacacggggugccgaacu.....	1
Gi1_3953205_x8.....	gGacacggggugccgaac.....	1
Gi2_10485242_x8.....	Cguggaacacggggugccgaac.....	1
Gl1_5673425_x8.....	Uacgucguggaacacggggg.....	1
Gi1_3956821_x8.....	aUacgucguggaacacggg.....	1
Gi5_8496785_x8.....	aucggagacgucguggGacacg.....	1

Gi3_27314993_x8.....gugggaacacggggugcAg..... 1
Gi3_27365889_x8.....ucgugggaacacgggAugccgaac..... 1
Gi3_27313425_x8.....ucggagacgucgugggaacacggggCgcc..... 1
Gi5_84770889_x8.....gucgugggaacUcggggugccgaacu..... 1
Gi2_10482354_x8.....ugggaacacgggCugccgaacu..... 1
Gi3_27337305_x8.....ugCgaacacggggugccgaacu..... 1
Gi2_10478858_x8.....aucggagacgucgCgggaacacggggugc..... 1
Gi2_10490746_x8.....cgugAgaacacggggugcc..... 1
Gi1_3945925_x8.....agacgucgugggaacacggggCgccgaacu..... 1
Gi5_8495393_x8.....gucgugggCacacggggugccgaacu..... 1
Gi5_8480049_x8.....gggaacacggggugccgaaAu..... 1
Gi2_10498562_x8.....Aucgugggaacacggggugcc..... 1
Gi3_27312201_x8.....cgucgugggaacacggggugUc..... 1
G1a_5669241_x8.....gugggaacacggggUAccgaacu..... 1
Gi5_8493785_x8.....gugggaacacggggGgcc..... 1
Gi2_10472194_x8.....acgucgugggaacCcgggugccgaacu..... 1
Gi3_27325121_x8.....gucgugggaacacgggAgugccgaac..... 1
Gi3_27330817_x8.....cguggAaacacggggugccga..... 1
Gi1_3947253_x8.....Gucggagacgucgugggaacacg..... 1
Gi3_27376321_x8.....aucggagacgucgugggaGcac..... 1
Gi2_10481154_x8.....aucggagacgucgugggaGcacggggugc..... 1
Gi3_27330209_x8.....ucguCggaacacggggugccgaacu..... 1
Gi2_10461922_x8.....gGucggagacgucgugggaacacgggg..... 1
Gi3_27320257_x8.....ugggaacacAgggugccg..... 1
Gi1_3942621_x8.....gcgaucggagacgucgCgggaacacggggugcc..... 1
Gi3_27370209_x8.....gAcgugggaacacggggugccgaac..... 1
Gi2_10463642_x8.....cgucgugggaGcacggggugcc..... 1
Gi2_10468738_x8.....ggaacacUgggugccgaacu..... 1
Gi2_10461890_x8.....acgucgugggaGcacggggugccgaacu..... 1
Gi2_10477666_x8.....uggUaacacggggugccgaacu..... 1
Gi2_10466090_x8.....cUaucggagacgucgugggaacacggggU..... 1
Gi2_10496834_x8.....cgugggaacacggggugccgG..... 1
Gi2_10496410_x8.....cgucgugggGacacggggugccga..... 1
Gi3_27359169_x8.....cgugggaacacUgggugccgaac..... 1
Gi3_27365881_x8.....ugggaacacggggugUcga..... 1
Gi3_27348625_x8.....gucgugggaacacggggG..... 1
Gi3_27344201_x8.....aacacggggUccgaacu..... 1
Gi5_8498913_x8.....gggaacacggggugUcgaacu..... 1
Gi2_10494930_x8cugcgauccgagacgucgugggaacacggggU..... 0
Gi1_3950693_x8.....cUugggaacacggggugccgaa..... 1
Gi2_10486090_x8.....acgucgugggaacacggggugccgGcu..... 1
Gi2_10497050_x8.....ucggagacgucgugggaacacggggugccg..... 0
Gi1_3947389_x8.....gGgggaacacggggugccga..... 1
Gi1_3953149_x8.....ucgugggaacacgggAugccgaacu..... 1
Gi2_10483338_x8.....ucgugggaacacggggugccgGacu..... 1
G1a_5662161_x8.....gugggUacacggggugccgaacu..... 1
Gi2_10469050_x8.....Cgagacgucgugggaacacggggugcc..... 1

Gi3_27314793_x8.....ggaaAacggggugccgaac.....	1
Gi2_10490802_x8...gaucggagNcgucgugggaacacggggu.....	1
Gi2_10484842_x8.....agacgucgugggaacacggggCgcc.....	1
Gi2_10498290_x8.....Gcgugggaacacggggugcc.....	1
Gi3_27370841_x8.....ggaNcacggggugccgaac.....	1
Gi2_10480818_x8.....gaUgucgugggaacacggggugcc.....	1
Gi3_27365289_x8.....cgugggaacacggggUAccga.....	1
Gi2_10462282_x8.....cgAgggaacacggggugc.....	1
Gi1_3950357_x8.....cgugggaacacggAgugccgaacu.....	1
Gi3_27315289_x8.....cgAgggaacacggggugc.....	1
Gi2_10480170_x8.....Gcggagacgucgugggaacacggggugc.....	1
Gi3_27371225_x8.....gagGcgucgugggaacacggggugccgaacu.....	1
Gi2_10483754_x8.....cgugggaacacggggUAccgaac.....	1
Gi3_27349345_x8.....cgucgCgggaacacggggugccgaac.....	1
Gi5_8501737_x8.....gCgggaacacggggugccga.....	1
Gi2_10475930_x8.....gucgugggUacacggggugccgaacu.....	1
Gi3_27349305_x8.....cgCcgugggaacacggggugccga.....	1
Gi3_27344217_x8.....cgugggaacacgCggugccgaac.....	1
Gi1_3949909_x8.....gaacacggggugAcgaacu.....	1
Gi2_10494506_x8.....gugggaacacggAgugccgaa.....	1
Gi5_8478009_x8.....aacaAggggugccgaacu.....	1
Gi5_8477193_x8...aucggagacgCcgugggaacacg.....	1
Gi5_8477385_x8...Uaucggagacgucgugggaacacggggu.....	1
Gi2_10489930_x8.....cgCcgugggaacacggggugcc.....	1
Gi3_27365145_x8.....ugggaacCggggugccgaa.....	1
Gi5_8478417_x8...aucggagacgucgugggaCcacgg.....	1
Gi2_10481850_x8.....gggaacacggggugcGgaacu.....	1
Gi1_3951181_x8.....gugggaacacggggugccgU.....	1
Gi5_8480249_x8.....cgugggaaGacggggugccgaacu.....	1
Gi2_10469034_x8.....cgugggaacacggggugccgaaU.....	1
Gi5_8493801_x8.....cgugggaacacggCgugccgaacu.....	1
Gi2_10470786_x8.....ugggaacacAgggugccgaac.....	1
Gi3_27341249_x8.....cgugggaacacgggCugccgaac.....	1
Gi3_27329009_x8.....cggagacgucgugggaacacggggG.....	1
Gl1_5659185_x8.....ugggaacacggggAgccgaacu.....	1
Gi3_27308233_x8...ucggagacgucgugggaacacggggugccga.....	0
Gi1_3945525_x8.....gugggaacaAggggugccgaacu.....	1
Gi2_10488002_x8.....cCucgugggaacacggggugcc.....	1
Gi5_8492633_x8.....Augggaacacggggugccga.....	1
Gi2_10493322_x8.....Cgggaacacggggugccgaac.....	1
Gl1_5656425_x8.....gGgggaacacggggugccgaa.....	1
Gi2_10492786_x8...aAcggagacgucgugggaacacggggugc.....	1
Gi3_27322569_x8.....Ggucgugggaacacggggugccgaa.....	1
Gi5_8481753_x8.....gugggaacacggggugccgaaU.....	1
Gi3_27311337_x8.....Gacacggggugccgaacu.....	1
Gi3_27337057_x8.....gugggaaAacggggugccgaa.....	1
Gi2_10494474_x8...aucAgagacgucgugggaacacggggu.....	1

Gi5_8497697_x8.....ggaaGacggggugccgaacu..... 1
 Gi2_10492650_x8..Ucgauccgagacgucgugggaaacacgg..... 1
 Gi3_27309137_x8.....cggagacgCcgugggaacacgggggu..... 1
 Gi2_10470554_x8.....ggaNcacggggugccgaacu..... 1
 Gi2_10465450_x8.....gggaacacgAggugccgaac..... 1
 Gi1_3956037_x8.....ggUacacggggugccgaac..... 1
 Gi5_8478761_x8.....cgucgugggaacGcggggugccgaacu..... 1
 Gi3_27368201_x8.....gUcgucgugggaacacggggugccgaacu..... 1
 Gi2_10480474_x8...gaucggagNcgucguggga..... 1
 Gi5_8480481_x8.....Aaacacggggugccgaac..... 1
 Gi5_8488417_x8.....gucgugggaacacgAggugccgaacu..... 1
 Gi3_27336529_x8.....gacgucgCgggaacacggggugccgaac..... 1
 Gi3_27374761_x8.....cgCcgugggaacacggggugc..... 1
 Gi2_10487882_x8.....gugggUacacggggugcc..... 1
 Gi3_27363097_x8...aucggagacgucgugggaaUacgggg..... 1
 Gi3_27329473_x8.....Aacgucgugggaacacggg..... 1
 Gi3_27351065_x8...aucgAagacgucgugggaacacggg..... 1
 Gi5_8497001_x8.....gggaacacggggugccgaC..... 1
 Gi2_10490850_x8...gaucggagacgucgugggCacac..... 1
 Gi3_27363057_x8.....cgugggaCcacggggugccga..... 1
 Gi4_524288_x8.....guUggaacacggggugccgaacu..... 1
 Gl1_5655225_x8.....ugggaacacAgggugccgaacu..... 1
 Gi5_8476889_x8.....guAggaacacggggugccgaac..... 1
 Gi2_10487546_x8...gaucggagacgucgugggGacac..... 1
 Gi5_8502265_x8.....gacgucgugggaacacggggGgccgaacu..... 1
 Gi5_8484137_x8.....cgucgugggaacacAgggugccgaacu..... 1
 Gi3_27341753_x8...aucggagacgucgugggaacacggC..... 1
 Gi1_3954277_x8.....ugggaacacggggugccgCac..... 1
 Gi3_27309673_x8...ucCugggaacacggggugccgaacu..... 1
 Gi2_10490330_x8...gaucggagacgucgugggC..... 1
 Gi3_27344929_x8.....ugggaacGcggggugccg..... 1
 Gi1_3952973_x8...aGcggagacgucgugggaacacgggggu..... 1
 Gi3_27359385_x8...aucggagacgucUugggaacacggg..... 1
 Gi1_3957181_x8.....ggagacgucgugggaGcacggggugccg..... 1
 Gi2_10476242_x8.....cgucgugggaacacggggugccgaCcu..... 1
 Gi1_3952237_x8.....Ggucgugggaacacggggugcc..... 1
 Gi4_525112_x8.....Uucgugggaacacggggugccgaacu..... 1
 Gi3_27313969_x8.....cgucgugggaAacggggugcc..... 1
 Gi5_8494497_x8.....aacacggCgugccgaacu..... 1
 Gi3_27349129_x8.uUcgauccgagacgucgugggaaca..... 1
 Gi5_8492865_x8.....gucgugggaUacggggugccgaacu..... 1
 Gl1_5674769_x8.....cCugggaacacggggugccgaacu..... 1
 Gi5_8487129_x8.....Uagacgucgugggaacacggggugcc..... 1
 Gi5_8500569_x8.....Cugggaacacggggugccga..... 1
 Gi5_8500817_x8.....gGacacggggugccgaac..... 1
 Gi3_27353473_x8...gucgugggaAacggggugccgaac..... 1
 Gi1_3947125_x8.....cgucgugAgaacacggggugccgaacu..... 1

Gi3_27307905_x8....aucggagacgucGgggaacacg..... 1
Gi3_27307737_x8.....aacacCgggugccgaacu..... 1
Gi2_10467218_x8.....guggAaacacggggugccg..... 1
Gi3_27307721_x8.....gggaacacggUgugccgaac..... 1
Gi3_27361489_x8.....gggaacUcggggugccgaacu..... 1
Gi2_10487690_x8.ugcgauccgagacgucgug..... 0
Gi2_10477778_x8.....ugggaacacggggugcAgaac..... 1
Gi2_10475410_x8.....cgugggaacacggAgugccgaac..... 1
Gi5_8502273_x8.....gugggaacacggggAgccgaac..... 1
Gi2_10491178_x8.....uAggaacacggggugccg..... 1
G1a_5672737_x8..cgauccgaNacgucgug..... 1
Gi3_27356241_x8.....agacgucguAggaacacggggugccgaacu..... 1
Gi5_8496665_x8.....gugggaaAacggggugccgaac..... 1
Gi2_10465298_x8.....cgugggaacacggggugUc..... 1
Gi3_27340001_x8.....acgucgugggaacacggggGgcc..... 1
Gi3_27324201_x8....aAcggagacgucgugggaacacggggU..... 1
Gi2_10492698_x8.....cgucgugggaacacggggUAccgaacu..... 1
Gi3_27340729_x8....aucggagacAucgugggaacacgg..... 1
Gi5_8480225_x8.....acgucgugggaacacggggugccGacu..... 1
Gi3_27366785_x8.....gugggaacacgggAugccgaa..... 1
Gi2_10485882_x8.....ugggaacaNggggugccgaa..... 1
Gi3_27355913_x8....aucggagacgucgugggaacaUg..... 1
Gi1_3950517_x8.uUcgauccgagacgucguggga..... 1
Gi1_3945117_x8.....cgugggaacacggggGgccgaacu..... 1
Gi3_27357017_x8..Ucgauccgagacgucguggga..... 1
Gi3_27375449_x8.....cCucgugggaacacggggugccgaac..... 1
Gi1_3948365_x8.....ggaacCcggggugccgaacu..... 1
Gi2_10494914_x8.....gacgucgugggaacGcggggugccgaacu..... 1
Gi2_10539171_x7.....cguggCaacacggggugccgaacu..... 1
Gi2_10541061_x7.....cUgagacgucgugggaaca..... 1
Gi2_10518164_x7.....gggaaAacggggugccgaacu..... 1
Gi5_8506329_x7.....ucgGgggaacacggggugccgaacu..... 1
Gi3_27430149_x7.....cguUggaacacggggugccgaac..... 1
Gi3_27409380_x7.....cCgagacgucgugggaacacggggugcc..... 1
G1a_5680959_x7...gGucggagacgucguggga..... 1
Gi5_8521302_x7.....gaacacggggugccgaUc..... 1
Gi3_27444079_x7.....gucgugggaacacggggugccgaaUu..... 1
Gi1_3959026_x7.....ugggaacacgggCugccgaacu..... 1
Gi3_27404816_x7.....gCaacacggggugccgaa..... 1
Gi1_3970863_x7.....gugggaacacgUgugccgaacu..... 1
Gi2_10512683_x7....aucggUgacgucgugggaacacggggU..... 1
Gi2_10521510_x7....gUucggagacgucgugggaacac..... 1
Gi2_10536266_x7.....gGcucgugggaacacggggugccgaac..... 1
Gi1_3960020_x7.....gGgacgucgugggaacacggggugcc..... 1
Gi3_27393728_x7.....gGcucgugggaacacggggU..... 1
Gi3_27443911_x7....ugggaacacggggUAccga..... 1
Gi2_10538821_x7.....gaacUcggggugccgaacu..... 1

Gi2_10501546_x7.....aucggagaUgucgugggaacacggggugc..... 1
 Gi2_10502323_x7.....cgugggaacacAgggugcc..... 1
 Gi3_27392188_x7.....ucgGgggaacacggggugccgaac..... 1
 Gi2_10499824_x7.....acgucgugggaacCggggugccgaacu..... 1
 Gi5_8512349_x7.....gGgggaacacggggugccgaacuuu..... 1
 Gi2_10519774_x7.....ggGgacgucgugggaacacggggugccgaac..... 1
 Gi1_3972116_x7.....aUacgucgugggaacacggggugcc..... 1
 Gi2_10533333_x7.....Ggacgucgugggaacacggggug..... 1
 Gi1_3965557_x7.....gugggaacacggggugccgaUc..... 1
 Gi5_8518502_x7.....gugggaacacggggugccgaCc..... 1
 Gi5_8523521_x7.....aacacggggugAcgaacu..... 1
 Gi1_3964878_x7.....ucgugggaacacggggCgccgaac..... 1
 Gi1a_5698571_x7.....Gcggagacgucgugggaacacggg..... 1
 Gi2_10533564_x7.....cgugUgaacacggggugc..... 1
 Gi5_8515611_x7.....gacgucgugggaGcacggggugccgaacu..... 1
 Gi2_10507020_x7.....Agugggaacacggggugcc..... 1
 Gi2_10530890_x7.....gggaacUcggggugccgaacu..... 1
 Gi5_8524011_x7.....aacacgggUugccgaacu..... 1
 Gi3_27454187_x7.....gggaacacggggugccAaa..... 1
 Gi2_10505228_x7.....aCcgagacgucgugggaaca..... 1
 Gi5_8510760_x7.....acgucgugggaacacggggugccAaacu..... 1
 Gi3_27399517_x7.....aucggagGcgucgugggaacac..... 1
 Gi3_27378468_x7.....ucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27425382_x7.....agacgucgugggaacacggggUaccgaac..... 1
 Gi1a_5701105_x7.....ucggagacgucgugggaacacggggugcc..... 0
 Gi2_10523435_x7.....aacaAggggugccgaacu..... 1
 Gi3_27448783_x7.....aucggagacgucgugggaacacggggGgcc..... 1
 Gi3_27381086_x7.....agacgucgugggaGcacggg..... 1
 Gi3_27393378_x7.....cggagacgCcgugggaacacggggugcc..... 1
 Gi2_10515490_x7.....gcgaucggGgacgucgugggaacacggggugc..... 1
 Gi3_27404844_x7.....gugggaacacggggUcccgaac..... 1
 Gi3_27449868_x7.....cgucgugggaacacggggugccAaac..... 1
 Gi2_10530610_x7.....gucgugggCacacggggugccgaacu..... 1
 Gi2_10502316_x7.....gggaacacggggugcUgaac..... 1
 Gi1_3958389_x7.....cCucgugggaacacggggugccgaacu..... 1
 Gi5_8524004_x7.....ugggaacacggggugccgaGc..... 1
 Gi2_10531296_x7.....gugAgaacacggggugccgaa..... 1
 Gi3_27412271_x7.....cgucgugggaAacggggugccgaacu..... 1
 Gi3_27437604_x7.....ggaacacggggugccUaacu..... 1
 Gi3_27421420_x7.....ucggagacgucgugggaGcacggggU..... 1
 Gi3_27397697_x7.....aucAgagacgucgugggaacacggggugcc..... 1
 Gi5_8530598_x7.....uggCaacacggggugccgaacu..... 1
 Gi1_3962764_x7.....ugggaacacgggAugccgaacu..... 1
 Gi3_27405110_x7.....ugggaacacgUggugccga..... 1
 Gi3_27400021_x7.....aucggagacgucUugggaacacg..... 1
 Gi2_10537743_x7.....aucggagacgCcgugggaacacg..... 1
 Gi4_526830_x7.....Augggaacacggggugccgaacu..... 1

Gi2_10517562_x7.....gUagacgucgugggaacacggggu..... 1
Gi3_27407357_x7.....gggaCcacggggugccgaac..... 1
Gi4_529119_x7.....Uugggaacacggggugccgaac..... 1
Gi2_10511304_x7.....gucgugggaaUacggggugccgaacu..... 1
Gi3_27441741_x7.....Ugugggaacacggggugccg..... 1
Gi3_27443484_x7.....gugggaacaAggggugccgaa..... 1
Gi2_10510744_x7.uUcgauccgagacgucguggga..... 1
Gi2_10539871_x7.....uggAaacacggggugccgaac..... 1
Gi3_27390291_x7.....gacgucgugggaacacAgggugccgaacu..... 1
Gi5_8521442_x7.....agGcugcuggggaacacggggugccgaacu..... 1
G1a_5678145_x7.....gggaacGcggggugccgaacu..... 1
Gi3_27441475_x7.....cgucguggggaacacgggAugcc..... 1
Gi2_10519914_x7.....gucgugggaGcacggggugccgaac..... 1
Gi2_10537918_x7.....cgugggaacacggggugccUaacu..... 1
G1a_5691361_x7.Ucgauccgagacgucgug..... 1
Gi2_10514041_x7.....cgugggaacacgUggugc..... 1
Gi3_27395513_x7.....cggagacgucgCgggaacacggggugcc..... 1
G1a_5695925_x7.....gugggaacNcggggugcc..... 1
Gi3_27425578_x7.....aucggagacgAcgugggaacacgg..... 1
Gi2_10499796_x7.....cgAcguggggaacacggggugccga..... 1
Gi5_8513462_x7.....gggaacacggggGgccgaac..... 1
Gi3_27409590_x7.....cgugggaacacggAgugccgaa..... 1
Gi3_27386770_x7.....ucggGgacgucgugggaacac..... 1
Gi5_8515023_x7.....cgucAugggaacacggggugccgaacu..... 1
Gi5_8516402_x7.....aucAgagacgucgugggaacacgg..... 1
G11_3971234_x7.....cgugggaacacgggAugccga..... 1
Gi5_8519174_x7.....aaNacggggugccgaacu..... 1
Gi2_10502162_x7.....ggUaacacggggugccgaa..... 1
Gi2_10539549_x7.....cgucgugAgaacacggggugccg..... 1
Gi3_27437142_x7.....cgucgugggaacacggggCgccgaa..... 1
Gi2_10500685_x7.....ggaacacggggugAcgaac..... 1
Gi2_10519718_x7.....cgugggUaacacggggugccgaac..... 1
Gi2_10518577_x7.....uUgugggaacacggggugccg..... 1
Gi2_10538674_x7.....gugggaacacggggugccAaa..... 1
Gi2_10527810_x7.....Ngugggaacacggggugccgaacu..... 1
Gi4_527439_x7.....cUucgugggaacacggggugccga..... 1
Gi2_10499880_x7.....cgucgCgggaacacggggugcc..... 1
Gi3_27436050_x7.....gaucggagacgucgCgggaacacggggu..... 1
Gi3_27384446_x7.....cAucguggggaacacggggugccg..... 1
Gi3_27403864_x7.....ugggaacacgCggugccgaacu..... 1
Gi2_10538695_x7.....ugggaacaNggggugccg..... 1
G11_3971045_x7.....gugggaacacggCgugccgaacu..... 1
Gi3_27395065_x7.....cgucgugggGaacacggggugcc..... 1
Gi5_8521645_x7.....gucgugggaacacggggugccAaacu..... 1
Gi3_27449665_x7.....cgugggaacacggggGgcc..... 1
Gi2_10536518_x7.....acgucgugggaacacAgggugcc..... 1
G11_3969442_x7.....cgugggCacacggggugccgaacu..... 1

Gi2_10526879_x7.....cgucgugggaacacggggugccgaUc..... 1
 Gi3_27396402_x7.....Ggacgucgugggaacacggggugcc..... 1
 Gi2_10532906_x7.....acgucgugggaacacggggugcAgaacu..... 1
 Gi2_10517065_x7.....gCagacgucgugggaacacggggugcc..... 1
 Gi1_3966390_x7.....ucgugggaacacggggguAccgaac..... 1
 Gi5_8505440_x7.....aCacgucgugggaacacggggugccgaacu..... 1
 Gi2_10533165_x7.....cggagacgucgugggaacacggggugUc..... 1
 Gi3_27390368_x7.....ggagacgucgugggaaAacgggggu..... 1
 Gi3_27432858_x7.....cgugggaacacggggugUcga..... 1
 Gi5_8527119_x7.....gugggaacacggggugUcgaac..... 1
 Gi3_27416289_x7.....gugggaaGacggggugccgaac..... 1
 Gi3_27428189_x7.....cgugggaCcacggggugcc..... 1
 Gi2_10526865_x7.....uCggaacacggggugccg..... 1
 Gi2_10530722_x7.....aGgucgugggaacacggggugc..... 1
 Gi1_3965662_x7.....gggaacacggAgugccgaacu..... 1
 Gi3_27449301_x7.....cgucgugggaacacggggugccgC..... 1
 Gi3_27387057_x7.....agacgCcgugggaacacggggugccgaacu..... 1
 Gi2_10516890_x7.....gugggaacacggggguCccgaacu..... 1
 Gi3_27425354_x7.....agacgucgCgggaacacggggugccgaac..... 1
 Gl1_5687245_x7.....gugNgaacacggggugccgaacu..... 1
 Gi1_3965543_x7.....cgucAugggaacacggggugccgaacu..... 1
 Gi2_10522560_x7.....cggagacgucgCgggaacacggggugcc..... 1
 Gi5_8514267_x7.....Ucugcuggggaacacggggugccgaacu..... 1
 Gi2_10516505_x7.....cgucAugggaacacggggugc..... 1
 Gi2_10526949_x7.....aucggagGcgucgugggaacacggggug..... 1
 Gi2_10506719_x7.....ugggaacacggggugcGgaacu..... 1
 Gi1_3970835_x7.....Uucgugggaacacggggug..... 1
 Gi2_10534600_x7.....gugggaacacggUgugccga..... 1
 Gi3_27408351_x7.....gacgucgugggaacacggggGgccgaac..... 1
 Gi3_27413391_x7.....cgucgugggaacacgggAugccgaacu..... 1
 Gi1_3968847_x7.....ggUgacgucgugggaacacggggugcc..... 1
 Gi5_8528533_x7.....ggaacacggggUccgaacu..... 1
 Gi3_27431612_x7.....gggaacacAgggugccgaa..... 1
 Gi3_27431955_x7.....Nugggaacacggggugccgaac..... 1
 Gl1_5677319_x7.....gugggaacacggggugccgaaUu..... 1
 Gi1_3959327_x7.....gugggaacacggggugccgaacG..... 1
 Gi2_10500293_x7.....aucggagacgucguggUa..... 1
 Gi3_27387834_x7.....acguUgugggaacacggggugccgaacu..... 1
 Gi1_3970450_x7.....ucgugggaacacggggguAccgaacu..... 1
 Gl1_5678460_x7.....gugggaaAacggggugccgaacu..... 1
 Gi3_27455986_x7.....acgGcgugggaacacggggugccgaacu..... 1
 Gi5_8514470_x7.....cgucgugggaAacggggugccgaacu..... 1
 Gi4_527103_x7.....cgugggaacacggggugccgaac..... 0
 Gi5_8518236_x7.....gucgugggaacacggggugccgaaAu..... 1
 Gi3_27449637_x7.....aucggagacAucgugggaacacggggugcc..... 1
 Gi3_27442357_x7.....ugggaacacggggguAccgaa..... 1
 Gi2_10520488_x7.....ugggaacacggggugcUga..... 1

Gi3_27429743_x7.....aucggagacgucgugggUacacg..... 1
 Gi5_8528022_x7.....ggaacacggggugUcgaacu..... 1
 Gi3_27449630_x7.....auUggagacgucgugggaacacggggugc..... 1
 Gi5_8515184_x7.....Ugagacgucgugggaacacggggugccgaacu..... 1
 Gi5_8528575_x7.....ucgugggaaAacggggugccgaacu..... 1
 Gi3_27439403_x7.....aAcggagacgucgugggaacacgggg..... 1
 Gi3_27383802_x7.....gaucggagacgCcgugggaacacggg..... 1
 Gi2_10506481_x7.....aucAgagacgucgugggaacacggggugc..... 1
 Gi3_27435511_x7.....ggaaAacggggugccgaacu..... 1
 Gi3_27419117_x7.....gugNgaacacggggugccgaa..... 1
 Gi3_27417584_x7.....cgucgCgggaacacggggugccg..... 1
 Gi1_3965207_x7.....uGgugggaacacggggugccgaac..... 1
 Gi2_10534992_x7.....cgugggaacaGggggugccgaacu..... 1
 Gi2_10518850_x7.....agGcgucgugggaacacggggugc..... 1
 Gi3_27384950_x7.....cgucguAggaacacggggugc..... 1
 Gi1_3969421_x7.....ugggaGcacggggugccgaac..... 1
 Gi2_10507391_x7.....aucggagacgucgugggaacacggggGg..... 1
 Gi1_3971794_x7.....cgucguggNaacacggggugcc..... 1
 Gi2_10505676_x7.....cgugUgaacacggggugccga..... 1
 Gi3_27447761_x7.uUcgauccgagacgucguggga..... 1
 Gi3_27457295_x7.....gggaacacggAgugccgaa..... 1
 Gi5_8510921_x7.....ucgugggUacacggggugccgaacu..... 1
 Gi1_3971920_x7.....cgucgugggaacacggggugccgaacu..... 0
 Gi3_27419271_x7.....Aaucggagacgucgugggaacac..... 1
 Gi3_27445423_x7.....aucgAagacgucgugggaacacgg..... 1
 Gi3_27408330_x7.....cgugggaacGcggggugccg..... 1
 Gi3_27454999_x7.....ggGacacggggugccgaa..... 1
 Gi5_8510991_x7.....gucgugggUacacggggugccgaacu..... 1
 Gi2_10499985_x7.....cgugUgaacacggggugccgaa..... 1
 Gi2_10524261_x7.....gucgugggaaAacggggugc..... 1
 Gi3_27379910_x7.....ugggaacacggggugcUg..... 1
 Gi3_27424339_x7.....Gcgugggaacacggggugccga..... 1
 Gi3_27394890_x7.....gaucggagaUgucgugggaacacg..... 1
 Gi1_3965795_x7.....ggaacacgAggugccgaacu..... 1
 Gi1_3966873_x7.....acgucgugggaacacggggugccgaGcu..... 1
 Gl1_5695729_x7.....Agggaacacggggugccgaacu..... 1
 Gi3_27390235_x7.....gugggaacacggggugccUa..... 1
 Gi3_27395023_x7.....gaucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27379420_x7.....aucggagacgucgugggUacacgggg..... 1
 Gi1_3958928_x7.....ugggaacacggggGgcccgaacu..... 1
 Gl1_5681176_x7.....gugggaacacggggugAcgaaacu..... 1
 Gi3_27452990_x7.....gucgugggaCcacggggugccgaacu..... 1
 Gi1_3972032_x7.....gGcgugggaacacggggugccgaac..... 1
 Gl1_5683395_x7.....aGcggagacgucgugggaacacggggugcc..... 1
 Gl1_5696730_x7.....aucggagacgucgGgggaacacggg..... 1
 Gi2_10534817_x7.....cggagacgNcgugggaacacggggugc..... 1
 Gi2_10511920_x7.....gaCcgagacgucgugggaacacgggg..... 1

Gi2_10516995_x7.....Gcggagacgucgugggaaca..... 1
Gi3_27451618_x7.....cgugggaacacggggugccUaac..... 1
Gi5_8522737_x7.....gggaacacAgggugccgaac..... 1
Gi2_10520698_x7.....aacacggggugccgaaAu..... 1
Gi3_27394435_x7.....cguAggaacacggggugcc..... 1
G1a_5683416_x7.....Gucggagacgucgugggaacacgggggu..... 1
Gi3_27456301_x7.....cgugggaacacggggguAccg..... 1
Gi3_27383914_x7.....gGgacgucgugggaacacggggugccgaac..... 1
Gi3_27415645_x7.....gacgucguNggaaacacggggugccgaacu..... 1
Gi3_27390242_x7.....gugggaacacCgggugccgaac..... 1
Gi3_27388583_x7.....Agagacgucgugggaacacggggugcc..... 1
Gi5_8521099_x7.....ugggaUcacggggugccgaacu..... 1
G11_3973768_x7.....Gcgugggaacacggggugc..... 1
Gi3_27420391_x7..Ucgauccgagacgucgugggaaca..... 1
Gi3_27426215_x7.....cggagacgNcgugggaacacggg..... 1
Gi3_27439466_x7.....gucgugggaUcacggggugccgaacu..... 1
Gi3_27396871_x7.....cgucguggAaacacggggugccg..... 1
Gi3_27394925_x7.....Cucggagacgucgugggaacacggg..... 1
Gi2_10539374_x7.....aucggagacgucgugggCacac..... 1
Gi5_8504845_x7.....aGcggagacgucgugggaacacgggggu..... 1
G11_3973439_x7.....gUaacacggggugccgaa..... 1
Gi3_27381765_x7.....cgugggaacacggggugcUgaa..... 1
Gi3_27411970_x7.....gCgaacacggggugccgaa..... 1
Gi3_27429540_x7.....gacgucgugggGacacggggugccgaac..... 1
Gi5_8509857_x7.....Augggaacacggggugccgaacu..... 1
Gi3_27410451_x7.....gaucggagacgucgugggCacacg..... 1
Gi5_8512720_x7.....cgucgugggaacacggggugcUgaacu..... 1
G14_527852_x7.....gugggaGcacggggugccgaacu..... 1
Gi2_10515707_x7...gGucggagacgucgugggaacacggggug..... 1
Gi2_10529280_x7.....Ugucgugggaacacggggugccg..... 1
Gi2_10519809_x7...cUaucggagacgucgugggaaca..... 1
Gi2_10540431_x7.....acgucgugggaacGcggggugccgaac..... 1
G11_3960083_x7.....ucgugggaacacggggAgccgaacu..... 1
Gi2_10502925_x7.....ggagacgCcgugggaacacggggugcc..... 1
Gi5_8505076_x7.....ugggaacacggggugccgGac..... 1
Gi3_27393371_x7.....aucggagacgucguggCaacacggg..... 1
Gi2_10502757_x7.....ucgugggaacacggggGgcccgaac..... 1
Gi2_10520705_x7.....Acgugggaacacggggugccgaac..... 1
Gi5_8503095_x7.....cgucUugggaacacggggugccgaacu..... 1
Gi2_10499761_x7.....gugggaUacggggugccg..... 1
G11_3963737_x7.....Cucgugggaacacggggugccgaacu..... 1
Gi2_10534250_x7..ugcgauccgagacgucgugggaacacggggugc..... 0
Gi2_10523722_x7.....uAggaacacggggugccga..... 1
Gi5_8526223_x7.....aacNcggggugccgaacu..... 1
Gi2_10512284_x7.....cgucgugggaacacggggGgcccgaac..... 1
Gi2_10508931_x7.....gucgugggaacacgggAugccgaacu..... 1
Gi5_8504530_x7.....acgucgugggaacacggggUaccgaacu..... 1

Gi2_10500881_x7.....Ugagacgucgugggaacacggggugccgaacu..... 1
 Gi2_10527509_x7.....cgugggCacacggggugcc..... 1
 Gi1_3958683_x7.....Ggugggaacacggggugccg..... 1
 Gi3_27440558_x7.....aucggagacgucgugggaacacggAg..... 1
 Gi5_8503242_x7.....gGucggagacgucgugggaacacgg..... 1
 Gi2_10516351_x7.....ucgugggaacacggggugUcgaac..... 1
 Gi3_27425781_x7.....aucggagacgucgugggaaUacggggg..... 1
 Gi3_27390298_x7.....aucggagacgAcgugggaacacggg..... 1
 G1a_5677165_x7.ugcgauccgagacgucgugggaac..... 0
 Gi2_10525885_x7.....guUggaacacggggugccga..... 1
 Gi5_8505762_x7.....Ugugggaacacggggugccgaac..... 1
 Gi3_27383137_x7.....cggagacgucgugggaacacggggCgcc..... 1
 Gi3_27393399_x7.....acgucgugAgaacacggggugccgaac..... 1
 Gi3_27429064_x7.....aucggagacgucAugggaacacgggg..... 1
 Gi2_10517933_x7.....Gcggagacgucgugggaacacgggg..... 1
 Gi1_3972900_x7.....cgugggaacCcggggugccgaacu..... 1
 Gi2_10499747_x7.....aucAgagacgucgugggaacacggggugcc..... 1
 Gi3_27377817_x7.....acgucgugggaacacggggugccAaacu..... 1
 Gi3_27429085_x7.....gaucggagNcgucgugggaacacgggg..... 1
 Gi4_527677_x7.....gugggaacacggggugccg..... 0
 Gi3_27395030_x7.....ucgugggaacacggggugcAgaac..... 1
 Gi5_8524466_x7.....Ggggaacacggggugccgaacuuu..... 1
 Gi3_27395177_x7.....acgucguggUaacacggggugccgaacu..... 1
 Gi3_27407112_x7.....gaucggGgacgucgugggaacacggg..... 1
 Gi3_27391488_x7.....acgucgugggaacacggggugccgaCcu..... 1
 Gi3_27416121_x7.....gucgugggaacacggggugccgUacu..... 1
 Gi2_10530918_x7.....guUgugggaacacggggugcc..... 1
 Gi1_3968560_x7.....gugggUacacggggugccgaacu..... 1
 Gi2_10504367_x7.....aucggagaNgucgugggaacacggggug..... 1
 Gi1_3963422_x7.....ugggaCcacggggugccgaacu..... 1
 Gi3_27395744_x7.....ggagacgucgugggaacacggggG..... 1
 Gi5_8523080_x7.....aacacggggugccgaaGu..... 1
 Gi3_27431073_x7.....aucggagacgucgugAgaacacgg..... 1
 Gi2_10520376_x7.....gucgugggaacGcggggugc..... 1
 Gi3_27454089_x7.....gggaacacgAggugccgaa..... 1
 Gi2_10514055_x7.....cggGgacgucgugggaacacggggugccgaacu..... 1
 Gi3_27433628_x7.....aUacgucgugggaacacgggg..... 1
 Gi2_10523932_x7.....ggaacacggggugccgaUcu..... 1
 Gi2_10531170_x7.....aacacggggugccgUacu..... 1
 Gi2_10505403_x7.....aUgucgugggaacacggggugc..... 1
 Gi2_10511248_x7.....ugggaacacggggugAcgaacu..... 1
 Gi3_27403556_x7.....Gcggagacgucgugggaacacggg..... 1
 Gi2_10518192_x7.....cgucgugggaacacggAgugccgaacu..... 1
 Gi2_10540872_x7.....cCugggaacacggggugc..... 1
 G1a_5683619_x7.....aGcggagacgucguggga..... 1
 Gi1_3960118_x7.....gucgugggaacCcggggugccgaacu..... 1
 Gi3_27378503_x7.....ugggaaAacggggugccgaac..... 1

Gi3_27448524_x7.....aucAgagacgucgugggaacacggggugc.....	1
Gi3_27449161_x7.....gugggCacacggggugccga.....	1
Gi3_27393070_x7.....agacUucgugggaacacggggugccgaacu.....	1
Gl1a_5699117_x7.....ggagacgucgugggaacacggggugccgaacu.....	0
Gi3_27378027_x7.....gaucggagacgucgugggaAacg.....	1
Gi5_8504880_x7.Ggcgaucggagacgucguggg.....	1
Gi2_10513747_x7.....aucggagacgucUugggaacacggggugc.....	1
Gi2_10531646_x7.....gugggaacacAgggugccgaa.....	1
Gi1_3966040_x7.....gugggaacacggggGgccgaac.....	1
Gi3_27397298_x7.....acgucgugggaGcacggggugccgaac.....	1
Gi2_10508861_x7.....cgagacgucgugggaacacAgggugcc.....	1
Gl1a_5700650_x7.....cgugggaacGcggggugccgaacu.....	1
Gi1_3962309_x7.....gacgucgugggaacacggggCgccgaacu.....	1
Gi2_10499817_x7.....cgAcgugggaacacggggugccg.....	1
Gl1a_5696324_x7.....gugggCacacggggugccgaacu.....	1
Gi1_3958837_x7.gcgauucggagacgucgugggaacacggggugcc.....	0
Gi3_27452395_x7.....ugggaacacggAgugccga.....	1
Gi3_27446382_x7.....gaucggGgacgucgugggaacac.....	1
Gi2_10537190_x7.....uGgugggaacacggggugccg.....	1
Gi3_27410962_x7.....gugggUacacggggugccg.....	1
Gi2_10519564_x7.....cgugggaaGacggggugccgaacu.....	1
Gi2_10517597_x7.....gugggaacacggggugAcg.....	1
Gi3_27454719_x7.....cguAggaacacggggugccga.....	1
Gi3_27392293_x7.....gaacacggggUccgaacu.....	1
Gi3_27447005_x7.....cgucgugggGacacggggugccga.....	1
Gl1a_5691830_x7.....cggagacgucgugggaacacggggugcc.....	0
Gi1_3963961_x7.....ugggaacacggggUaccgaacu.....	1
Gi3_27383942_x7.....cgucgugggaacacggggugccgG.....	1
Gi3_27439389_x7.....cgugggaaUacggggugccga.....	1
Gi2_10533872_x7.....agGcgucgugggaacacggggugcc.....	1
Gi3_27404305_x7.....ggUgacgucgugggaacacggggugcc.....	1
Gi1_3969722_x7.....cgugggaacacggggugccU.....	1
Gi2_10528748_x7.....cgugggGacacggggugc.....	1
Gi2_10509197_x7.....gugggaacaAggggugcc.....	1
Gi5_8523241_x7.....aGcggagacgucgugggaacacggggugc.....	1
Gi3_27384117_x7.....ucguUggaacacggggugc.....	1
Gi3_27379175_x7.....cgucgugggaacacggCgugcc.....	1
Gi2_10519298_x7.....aucggagacgucAugggaacacggggugcc.....	1
Gi2_10514314_x7.....agacgCcgugggaacacggggugcc.....	1
Gi3_27378545_x7.....acgucgugggaacCcggggugccgaac.....	1
Gi2_10516491_x7.....Agugggaacacggggugccgaac.....	1
Gi5_8505230_x7.....gaUcacggggugccgaac.....	1
Gi2_10528888_x7.....ggaacacggggUccgaac.....	1
Gi3_27395688_x7.....gugNgaacacggggugcc.....	1
Gi3_27395611_x7.....acgucgugggaAacggggugccgaacu.....	1
Gi1_3959369_x7.....gCgggaacacggggugcc.....	1
Gi3_27446669_x7.....gggaGcacggggugccga.....	1

Gi2_10530456_x7.....aucggagacgucgugggaacacggggG..... 1
Gi3_27432018_x7.....cgugggaacacggggAcc..... 1
Gi3_27387631_x7.....acgucguAggaacacggggugccgaac..... 1
Gi3_27490324_x6.....Aucgugggaacacggggugcc..... 1
Gi4_530301_x6.....aucggagacgucgugggaacacggg..... 0
Gi1_3974755_x6.....cUgagacgucgugggaacacggg..... 1
Gi5_8551477_x6.....gaacacggCgugccgaacu..... 1
Gi2_10573589_x6.....aGcggagacgucgugggaacacgggg..... 1
G1a_5706094_x6.....ugggaacacgggUugccgaacu..... 1
Gi3_27548944_x6.....ugggaacacgggUugccg..... 1
Gi1_3981397_x6.....Ugucgugggaacacggggugccgaacu..... 1
Gi3_27471202_x6.....cgucgugggUacacggggugccgaac..... 1
Gi3_27517822_x6.....ucgugggaacacUgggugccgaac..... 1
Gi3_27466288_x6.....gggaacGacggggugccgaacu..... 1
Gi5_8540473_x6.ugcgauGcNagacgucgug..... 1
Gi3_27520012_x6.....gggaacacggggAccgaa..... 1
Gi2_10561379_x6.....cguCggaacacggggugccgaacu..... 1
Gi1_3977677_x6.....ugggaacacAgggugccgaacu..... 1
G1a_5721892_x6.....cgugggaacacggggugUcgaacu..... 1
Gi2_10574519_x6.....gucgugggaacCcggggugcc..... 1
Gi3_27465184_x6.....aAacgucgugggaacacggggugccgaacu..... 1
Gi2_10562999_x6.....cgucgugggaacacggAgugccg..... 1
Gi2_10568093_x6.....cgucgCgggaacacggggugc..... 1
Gi2_10564637_x6.....ugggaUacggggugccgaac..... 1
Gi3_27537508_x6.....cgugggaacacgggAugccga..... 1
Gi5_8541691_x6.....Agugggaacacggggugccgaac..... 1
Gi4_532059_x6.....gugggaacacggggugccgCacu..... 1
Gi3_27481096_x6.....guCggaacacggggugccgaac..... 1
Gi3_27480568_x6.....ggagacgucgugggaacacggggCgcc..... 1
Gi5_8549617_x6.....gugCgaacacggggugccgaacu..... 1
Gi3_27499240_x6.....Uucggagacgucgugggaacacgg..... 1
Gi3_27462730_x6.....ggagacgucgugggaacacggggugccA..... 1
Gi3_27491014_x6.....cggagacgucgugggGacacg..... 1
Gi1_3992011_x6.....cUgagacgucgugggaacacgggg..... 1
Gi1_3991903_x6.....Gucggagacgucgugggaacacgggg..... 1
Gi3_27538000_x6.....aucggagacgucgugggaacaUgg..... 1
Gi3_27495946_x6.....ugggUacacggggugccga..... 1
Gi2_10551683_x6.....cgucgugggGacacggggugcc..... 1
Gi2_10574543_x6.....gugggaacaUggggugccgaa..... 1
Gi3_27500524_x6.....ugggaacacggggUcccgaacu..... 1
Gi2_10551251_x6.....gaucggagacgucgugggaacaA..... 1
Gi5_8534803_x6.....ugggaacacggggugccgaUc..... 1
Gi2_10582049_x6.....ucgugggaacacggggugccgaacG..... 1
Gi2_10553639_x6.....cggagacAucgugggaacacggggugcc..... 1
Gi2_10553837_x6.....gucgugggaacaUggggugccgaacu..... 1
Gi5_8559145_x6.....cUucgugggaacacggggugcc..... 1
Gi2_10562321_x6.....ugggaacacggggugccUaacu..... 1

Gi5_8545945_x6.....uggaacaNggggugccgaa.....	1
Gi4_530697_x6.....guggaacaacggggugccga.....	0
Gi5_8559787_x6.....acgucguggaacacggggugcUgaacu.....	1
Gl1_5723602_x6.....gugggaGcacggggugccgaac.....	1
Gi3_27518986_x6.....cggagacgucguggaacCcg.....	1
Gi2_10549859_x6.....gugggUacacggggugccga.....	1
Gi3_27523294_x6.....gaucggagacgucguggaacGcg.....	1
Gl1_5729320_x6.....Uggaacacggggugccgaac.....	1
Gi3_27474820_x6.....uggaaGacggggugccgaacu.....	1
Gi1_3981643_x6.....cggagacgucgCggaacacggggugccgaacu.....	1
Gi3_27517228_x6.....cggagacgucgugggaaAacggggg.....	1
Gi3_27547912_x6.....gaacacggggugcAgaac.....	1
Gi3_27487138_x6.....gaacacggggAgccgaac.....	1
Gi2_10580141_x6.....ggaacacggggugccgUac.....	1
Gi3_27512758_x6.....cgucguggaacCggggugc.....	1
Gi5_8535337_x6.....ggaacacggggugccgCac.....	1
Gi3_27464242_x6.....cggagacgucguggaacacggggugUc.....	1
Gi1_3989155_x6.....ucguUggaacacggggugccgaac.....	1
Gi3_27492718_x6.....aucggagacgucguggaacacggggugcU.....	1
Gi3_27507958_x6.....uggaacaacgAgggugccga.....	1
Gi3_27502708_x6.....gucguggaacaAgggggugccgaacu.....	1
Gi3_27549022_x6.....gggaacacggggugcUgaa.....	1
Gi2_10569065_x6.....aucggagacgucguAggaacacggggugc.....	1
Gi2_10554899_x6.....ucgugggaaUacggggugccgaacu.....	1
Gi3_27480814_x6.....gugggCacacggggugccgaa.....	1
Gi1_3984631_x6.....ggAaacacggggugccgaacu.....	1
Gi3_27526900_x6.....acgucguggAaacacggggugccgaac.....	1
Gi1_3983221_x6.....ucgugggaCcacggggugccgaacu.....	1
Gi1_3979159_x6.....ucgugggaacCggggugcc.....	1
Gi2_10579163_x6.....Ugugggaacacggggugccga.....	1
Gi3_27503380_x6.....ugggaaUacggggugccgaa.....	1
Gi3_27523426_x6.....cggagacgNcguggaacaacg.....	1
Gi1_3985537_x6.....ucgugggaacacggggugccgaaAu.....	1
Gi2_10578215_x6.....Aggagacgucguggaacacggggugcc.....	1
Gi1_3985951_x6.....ggaacacgNggugccgaac.....	1
Gl1_5725462_x6.....gggaacacgAgggugccgaacu.....	1
Gi3_27472924_x6.....ugggaCcacggggugccga.....	1
Gi3_27465340_x6.....cgucguggaacacggggUaccg.....	1
Gi2_10577405_x6.....ggUacacggggugccgaa.....	1
Gi1_3976117_x6.....uggaacaacggggugccgUacu.....	1
Gi5_8555209_x6.....aucggagacgucguggaacacggggG.....	1
Gi3_27542626_x6.....Ucgauccgagacgucguggaacacggggugcc.....	1
Gi2_10566221_x6.....acgucgCgggaacacggggugccgaacu.....	1
Gi1_3982171_x6.....gugggGacacggggugccg.....	1
Gi5_8562079_x6.....acgucgugAgaacacggggugccgaacu.....	1
Gi5_8558617_x6.....uggUaacacggggugccgaacu.....	1
Gi2_10571351_x6.....ggaacacggggugccgG.....	1

Gi2_10573391_x6.....aucggagacgucgugggGacacgg..... 1
Gi3_27533218_x6.....cgucgugAgaacacggggugc..... 1
Gi1_3990199_x6.....acgucgugggaCcacggggugccgaacu..... 1
Gi1_3990535_x6.....gucgugggaaAacggggugccgaacu..... 1
Gi3_27546808_x6.....aucggagacgCcgugggaacacgggg..... 1
Gi2_10568453_x6.....cgucUugggaaacacggggugccgaacu..... 1
Gi3_27532846_x6.....Aucgugggaacacggggugccga..... 1
Gi3_27480124_x6.....gagacgucgugggaacacggggCgccgaacu..... 1
Gi1a_5710138_x6.....cgugggaacacggggugccAaacu..... 1
Gi3_27472900_x6.....agacgucgugggaacacggggugccgaUc..... 1
Gi3_27468658_x6.....cgugggaacacggggAgcc..... 1
Gi2_10570421_x6.....guggAaacacggggugccgaa..... 1
Gi4_531369_x6.....cgugggaacacggggugccgaaAu..... 1
Gi3_27467758_x6.....gucgugggaacCcgggugccga..... 1
Gi3_27462334_x6.....cgAucgugggaacacggggugc..... 1
Gi2_10554305_x6.....Uagacgucgugggaacacggggugccgaac..... 1
Gi5_8552443_x6.....gugggaacacggggGgccgaa..... 1
Gi5_8560801_x6.....Gcugcugggaacacggggugccgaac..... 1
Gi2_10561175_x6.....aacacggggugccgaaGu..... 1
Gi2_10564235_x6.....aAcggagacgucgugggaacacggg..... 1
Gi2_10569095_x6.....gucgugggGacacggggugcc..... 1
Gi5_8558005_x6.....gucgugggaacacggAgugccgaacu..... 1
Gi2_10564613_x6.....Gcggagacgucgugggaacacggggu..... 1
Gi5_8552209_x6.....Gucggagacgucgugggaacacgggg..... 1
Gi3_27498388_x6.....gUagacgucgugggaacacgggg..... 1
Gi3_27493432_x6.....gacguUgugggaacacggggugccgaacu..... 1
Gi2_10579025_x6.....aucggagacgucgugggGac..... 1
Gi2_10563983_x6.....aucggagacgucgCgggaacac..... 1
Gi3_27500578_x6.....ugggaacCcggggugccga..... 1
Gi3_27494734_x6.....gGcuggggaacacggggu..... 1
Gi1_3977089_x6.....acgucgugggaacCcggggugccgaacu..... 1
Gi1a_5724346_x6.....aucggagacgucgugggaacGcggg..... 1
Gi2_10579325_x6.....gggaacacggggguAccgaac..... 1
Gi2_10583591_x6.....Aacgucgugggaacacggggugccgaacu..... 1
Gi2_10567859_x6.....Aaucggagacgucguggga..... 1
Gi3_27544822_x6.....aucggagacgucgugggaacacgAggu..... 1
Gi5_8537767_x6.....cgCgggaacacggggugccgaac..... 1
Gi2_10557551_x6.....gucgugggaacacggggguAccgaacu..... 1
Gi3_27497632_x6.....gUucggagacgucgugggaacacg..... 1
Gi5_8534389_x6.....Uagacgucgugggaacacggggugccgaac..... 1
Gi3_27523498_x6.....gacgucgugggaGcacggggu..... 1
Gi2_10545173_x6.....cAucgugggaacacggggugccg..... 1
Gi5_8548681_x6.....cgugggaacacggggugccgaa..... 0
Gi2_10582967_x6.....ggagacgucgugggaacacAgggugcc..... 1
Gi3_27484510_x6.....gugggaacacggggugccCa..... 1
Gi2_10563761_x6.....cgucgugggaacGcggggugccga..... 1
Gi2_10561811_x6.....aucggagacgucgCgggaacacggggugcc..... 1

Gi2_10553915_x6.....cgucgugggaGcacggggugccga..... 1
Gi3_27497932_x6.....aucggagacgucgugggaaUacgg..... 1
G1a_5723032_x6.....gugggaacacgUggugccgaacu..... 1
Gi3_27496432_x6.....gaucggagacgucAugggaaacacggggu..... 1
G1a_5719312_x6.....cgugggaaNacggggugcc..... 1
Gi2_10543289_x6.....gggaUcacggggugccgaacu..... 1
Gi2_10571057_x6.....gugggaacacggggugUcg..... 1
Gi2_10547999_x6.....gaucggagacgCcgugggaaacacggggu..... 1
Gi2_10580105_x6.....Caucggagacgucgugggaaacac..... 1
Gi3_27540184_x6.....cgugAgaacacggggugccga..... 1
Gi2_10576919_x6.....gugUgaacacggggugccgaac..... 1
Gi2_10541627_x6.....gggNacacggggugccgaacu..... 1
Gi2_10546391_x6.....gugggaacaAggggugccgaac..... 1
Gi5_8556115_x6.....gaacacgUggugccgaacu..... 1
Gi2_10546925_x6.....gGcgucgugggaaacacggggugccg..... 1
Gi5_8541745_x6.....cgugAgaacacggggugccgaac..... 1
Gi2_10583351_x6.....gucgugggaaacacgAggugccgaacu..... 1
Gi2_10564715_x6.....aucgUagacgucgugggaaaca..... 1
Gi1_3977047_x6.....ggaacacggggugccgaacAu..... 1
Gi5_8556715_x6.....gaacacggggguCccgaacu..... 1
Gi5_8532505_x6.....guCggaacacggggugccgaacu..... 1
Gi5_8560105_x6.....ggaacGcggggugccgaac..... 1
Gi2_10567139_x6.....gugAgaacacggggugccga..... 1
Gi2_10571309_x6.....gaucggagGcgucgugggaaacacggggu..... 1
Gi2_10584983_x6.....Gcgugggaaacacggggugccgaa..... 1
Gi3_27544666_x6.....gaucggGgacgucgugggaaacacggggu..... 1
Gi2_10562627_x6.....uGggagacgucgugggaaaca..... 1
Gi3_27522604_x6.....ugggaacacUgggugccgaac..... 1
G1a_5727262_x6.uUcgaucggagacgucgug..... 1
Gi2_10571087_x6.....gugggaacacggggugcAg..... 1
Gi1_3992929_x6.....gucgugggGacacggggugccgaacu..... 1
Gi3_27504250_x6.....ugggaacCcggggugccg..... 1
Gi1_3981103_x6.....cgugggaaacacggggugccgaaAu..... 1
Gi2_10578095_x6.....cUaucggagacgucgugggaaacacggggug..... 1
Gi3_27470710_x6.....agacgucgugggaaacGcggggugccgaac..... 1
Gi1_3980233_x6.....ggGacacggggugccgaac..... 1
Gi2_10571339_x6.....aucggGgacgucgugggaaacacggggugccga..... 1
Gi3_27517918_x6.....gacgucgCgggaacacggggugccgaacu..... 1
Gi3_27475672_x6.....agacgucgNgggaacacggggugccgaac..... 1
Gi1_3989461_x6.....acgucgugggaaacacAgggugccgaacu..... 1
Gi5_8561431_x6.....acguUgugggaaacacggggugccgaacu..... 1
Gi2_10584323_x6.....gaucggagNcgucgugggaaacacggg..... 1
Gi2_10571207_x6.....agacUucgugggaaacacggggugcc..... 1
Gi5_8533471_x6.....gggaacacUgggugccgaacu..... 1
Gi5_8533993_x6.....acgucgugggaaacacggggugccgaaUu..... 1
Gi5_8550457_x6.....aucggagacgucgugggaaacacggggC..... 1
Gi2_10555181_x6.....ggaacacggggugccgaacG..... 1

Gi2_10563215_x6.....uggaacacggggGgccga..... 1
Gi2_10550141_x6...cUaucggagacgucgugggaacacggggugc..... 1
Gi3_27534934_x6.....cgucgugggaacCggggugccgaac..... 1
Gi5_8553649_x6.....acgucgugNgaacacggggugccgaac..... 1
Gi2_10572647_x6.Ggcgaucggagacgucguggaaca..... 1
G1a_5713036_x6.....guggaacacggggugGcgaacu..... 1
Gi5_8558023_x6.....agacgucgugggaGcacggggugccgaacu..... 1
Gi2_10544357_x6.....gaucggagacgucgugggaGcac..... 1
Gi3_27540322_x6.....ucguggaacacggggGgc..... 1
Gi2_10582457_x6.....gaucggagacgucgugggCacacggggugc..... 1
G1a_5727964_x6.....aacacggggugccgaGcu..... 1
Gi5_8555041_x6.....guggaacCggggugccga..... 1
Gi5_8540611_x6.....cUgagacgucgugggaacacgg..... 1
Gi5_8546665_x6.....Auggaaacacggggugccg..... 1
Gi2_10554503_x6.....uggaacacggggugUcga..... 1
Gi1_3986707_x6.....ucguggaacacggggugccgCac..... 1
Gi3_27503422_x6.....aacacggggugGcgaacu..... 1
Gi5_8562745_x6.....uGggagacgucgugggaacacg..... 1
Gi2_10556903_x6.....gggaacacNggggugccgaa..... 1
Gi3_27514318_x6.....guUgugggaacacggggugccga..... 1
Gi2_10545527_x6.....aucggagacgucgugggGacacggggug..... 1
Gi3_27459520_x6...Ggaucggagacgucgugggaacacg..... 1
G1a_5717860_x6.....cguggAaacacggggugccgaacu..... 1
Gi1_3977773_x6.....gggaacacggggugccgaaAu..... 1
Gi3_27529570_x6.....cgucgugAgaacacggggugcc..... 1
Gi2_10557239_x6.....ucgugggaaAacggggugccgaacu..... 1
Gi5_8547823_x6.....guggaacacggggguAccgaac..... 1
Gi5_8535871_x6.....guggaacacCgggugccgaacu..... 1
Gi2_10552991_x6.....cgucgugggaCcacggggugccgaacu..... 1
Gi3_27511954_x6.....ugggUacacggggugccgaa..... 1
Gi2_10559639_x6.....acgucgugggaacCggggugcc..... 1
Gi3_27491392_x6.....ugggaacaAggggugccgaac..... 1
Gi2_10561415_x6.....gacgucgugggaGcacggggugcc..... 1
G1a_5711662_x6.....uggaacCcgggugccgaacu..... 1
Gi3_27485446_x6.....cguAggaacacggggugccg..... 1
Gi5_8554939_x6.....gAcgugggaacacggggugccgaacu..... 1
Gi2_10580999_x6.....acgucgugggaacacggggugccgGacu..... 1
Gi5_8545693_x6.....Cuggaacacggggugccgaa..... 1
Gi2_10561931_x6...aucggagacgucgugggaacCggggugcc..... 1
Gi3_27465472_x6...aucggagCcgucgugggaacacggggugcc..... 1
Gi2_10558253_x6...gaucggagacgCcgugggaacac..... 1
Gi2_10566743_x6...ggagGcgucgugggaacacggggugc..... 1
Gi2_10576883_x6.....Ucgucgugggaacacggggugccgaacu..... 1
Gi3_27498754_x6.....agGcgucgugggaacacggggugccgaac..... 1
Gi3_27479794_x6.....cgugggCacacggggugc..... 1
Gi2_10549661_x6.....aacacggggugccgaacG..... 1
Gi3_27499330_x6.....cgucgugggaCcacggggugccg..... 1

Gi1_3974473_x6.....gugNgaacacggggugccgaacu..... 1
Gi2_10558073_x6.....gugggaacacggggugcAga..... 1
Gi3_27493522_x6.....agUcgucgugggaacacggggugcc..... 1
Gi3_27542104_x6.....cgugggaacacggggGgccga..... 1
Gi2_10565039_x6.....aacUcggggugccgaacu..... 1
Gi2_10586807_x6.....gucgugggaacacggggCgccgaac..... 1
Gi2_10582385_x6.....Ggggaacacggggugccgaacuu..... 1
Gi1_3989227_x6.....gUagacgucgugggaacacggggugccgaacu..... 1
Gi5_8552347_x6.....cguAggaacacggggugccgaac..... 1
Gi2_10575371_x6.....gacgucgugggaacacggggugccgCacu..... 1
Gi2_10546451_x6.....cAucgugggaacacggggugcc..... 1
Gi2_10574801_x6.....Gucggagacgucguggga..... 1
Gi3_27490438_x6.....ugggaacacggggAgccga..... 1
Gi2_10570781_x6.....ucUugggaacacggggugccgaac..... 1
Gi2_10541927_x6.....ucguAggaacacggggugccgaac..... 1
Gi2_10560017_x6.....ucgugggaacacggggugccAaac..... 1
Gi2_10550303_x6.....gGucggagacgucgugggaacacggggugc..... 1
Gi2_10585091_x6.....Ggacgucgugggaacacggggugccg..... 1
Gi3_27491578_x6.....ucgugggaNcacggggugccgaa..... 1
Gi2_10588511_x6.....aCcgagacgucgugggaacacgg..... 1
Gi5_8538787_x6.....aUacgucgugggaacacggggugc..... 1
Gi2_10578701_x6.....Agucgugggaacacggggugccgaacu..... 1
Gi4_529941_x6.....gugggaacNcggggugccgaacu..... 1
Gi3_27458458_x6.....aucAgagacgucgugggaacac..... 1
Gi5_8553199_x6.....cgucgugggaacacggggGgc..... 1
Gi2_10564283_x6.....gaacacggggugccgaGc..... 1
Gi5_8539555_x6.....ggaacacggggGgccgaac..... 1
Gi5_8557087_x6.....ggaGcacggggugccgaac..... 1
Gi2_10579931_x6.....aucggagacgucgugggaacCc..... 1
Gi2_10572653_x6.....cgugggaacCcgggugcc..... 1
Gi3_27473122_x6.....aucggagacgucgCgggaacacgggg..... 1
Gi3_27471334_x6.....gggaacacgUggugccgaac..... 1
Gi5_8531173_x6.....gugggaacacggAgugccgaac..... 1
Gi5_8543407_x6.....gAgggaacacggggugccgaa..... 1
Gi2_10580135_x6.....cggagacgucgugggaacacggggAgcc..... 1
Gi3_27471124_x6.....aucggagacgucguAggaacacggggugcc..... 1
Gi2_10559363_x6.....gaucggagacgucgugggaGcacgggu..... 1
Gi3_27530728_x6.....uAgugggaacacggggugccgaacu..... 1
Gi3_27480340_x6.....cguggCaacacggggugccgaac..... 1
Gi5_8545657_x6.....ucgugggaacacggggugccgUacu..... 1
Gi1_3988213_x6.....Ggugggaacacggggugccgaac..... 1
Gi1_3985315_x6.....gaacUcggggugccgaacu..... 1
Gi5_8551723_x6.....gugggaacacggggugccgaaGu..... 1
Gi1_3984439_x6.....ucguggAaacacggggugccgaacu..... 1
Gi2_10580081_x6.....gucgugggaacacggggugcAgaacu..... 1
Gi5_8554033_x6.....Ggucgugggaacacggggugccgaac..... 1
Gi1_3992575_x6.....Cgaacacggggugccgaac..... 1

Gi3_27527860_x6.....ggaacacgCggugccgaacu.....	1
Gi3_27510364_x6.....cgucgugggaacacggggG.....	1
Gi1_3980623_x6.....cgugggaacacgAggugccgaacu.....	1
Gl1a_5712406_x6.....ugggaacacggggugccgGacu.....	1
Gi5_8537095_x6.....aUacgucgugggaacacggggugcc.....	1
Gi3_27542656_x6.....ucggagacgucgugggaacCcg.....	1
Gi2_10556561_x6.....ugggaGcacggggugccg.....	1
Gi5_8558239_x6.....aucggagacgucgugggaCcacg.....	1
Gi2_10567565_x6.....ugggaGcacggggugccgaa.....	1
Gi2_10559513_x6.....aucggagacgucgugggaacacggggAcc.....	1
Gi2_10564181_x6.....cgucgCgggaacacggggugccg.....	1
Gi3_27493138_x6.....Ccgagacgucgugggaacacggg.....	1
Gi3_27487762_x6.....gaucggagacgucgugggaAacgggg.....	1
Gi3_27527416_x6.....ucguggAaacacggggugccgaac.....	1
Gi5_8550733_x6.....cUugggaacacggggugccgaacu.....	1
Gi2_10568429_x6.....agGcgucgugggaacacggggugccgaacu.....	1
Gi3_27477076_x6.....Agucgugggaacacggggugcc.....	1
Gi3_27507244_x6.....Aaucggagacgucgugggaacacg.....	1
Gi1_3990775_x6.....ucgugggaGcacggggugccgaac.....	1
Gi2_10576733_x6.....cggagacgucgugggaacacggggAcc.....	1
Gi3_27512296_x6.....cAugggaacacggggugccg.....	1
Gi2_10575983_x6.....ugggaacacggggugcUgaac.....	1
Gi5_8541655_x6.....gugggaacacggggugccgaaA.....	1
Gi5_8546353_x6.....Caacacggggugccgaac.....	1
Gi1_3979669_x6.....gucgugggaacacAgggugccgaacu.....	1
Gi3_27535750_x6.....ugggaacacggggugUcg.....	1
Gi1_3976327_x6.....ggaaGacggggugccgaacu.....	1
Gl1a_5731456_x6.....gugggaacacggggugccgaGc.....	1
Gi2_10578527_x6.....Uucggagacgucgugggaacacggggugc.....	1
Gi3_27496828_x6.....ugggaacacgggAugccga.....	1
Gi2_10570871_x6.....Aaucggagacgucgugggaacacggggugc.....	1
Gl1a_5708002_x6.....aaUacggggugccgaacu.....	1
Gi2_10575809_x6.....gaucggagGcgucgugggaacacggg.....	1
Gi3_27524794_x6.....cUgagacgucgugggaacacggggug.....	1
Gi2_10571615_x6.....ucguCggaacacggggugccgaacu.....	1
Gi2_10584671_x6.....ggaacacggggugAcgaacu.....	1
Gi3_27499444_x6.....agacgucgCgggaacacggggugccgaacu.....	1
Gi5_8547457_x6cugcgauccggagacgucgugggaacacgggg.....	0
Gi2_10545911_x6.....ugggGcacggggugccgaa.....	1
Gi5_8546407_x6.....cgugggaacacggggugccgaaGu.....	1
Gi3_27487468_x6.....aacacgCggugccgaacu.....	1
Gi3_27487738_x6.....ugggaacacgggCugccgaac.....	1
Gi2_10579721_x6.....cgucgugggaacacggggAgccgaacu.....	1
Gi2_10565819_x6.....ugggaacaUggggugccgaac.....	1
Gi5_8532787_x6.....acgucgugggaacaUggggugccgaacu.....	1
Gi1_3983515_x6.....ggaacGcggggugccgaac.....	1
Gi5_8535733_x6.....Gucggagacgucgugggaacacggg.....	1

Gi3_27510220_x6....aucggagacgucgugggaaAacgg..... 1
Gi2_10552091_x6...gaucggagNcgucgugggaaaca..... 1
Gi3_27502330_x6.....agacgucguAggaacacggggugccgaac..... 1
Gi3_27487378_x6.....acgucgugggaaacacggggugUcgaacu..... 1
Gi1_3987793_x6....aucggagacgucgugggaaacacgggU..... 1
Gi5_8534191_x6....aucggagacgucgugggaaGcacgg..... 1
Gi1_3976885_x6.....gaacCcggggugccgaacu..... 1
Gi5_8534755_x6.....gAaacacggggugccgaac..... 1
Gi2_10577987_x6.....ugggaacacggAgugccga..... 1
Gi5_8549215_x6.....acgucgugggaaacacggggugccgaaAu..... 1
Gi3_27543226_x6.....cgugggaaacacgUggugccg..... 1
G1a_5722708_x6.....ugggaacacgAggugccgaacu..... 1
Gi1_3988375_x6.....ugggaacacggggugcGgaacu..... 1
Gi2_10589231_x6.....gacgucgugggaaacacggggGgcc..... 1
Gi5_8562625_x6.....cgugUgaacacggggugccgaac..... 1
Gi2_10570403_x6.....agacgucgugggaaacacggggCgccgaacu..... 1
Gi2_10573655_x6.....cgugggaaacacggAgugcc..... 1
Gi5_8532733_x6.....ugggaacacggggCgccgaa..... 1
Gi3_27544960_x6.....cgucgugggaaacacggggugccgaCc..... 1
Gi2_10554539_x6.....Cucgugggaaacacggggugccgaac..... 1
Gi3_27527578_x6.....ucgugggaaacacggggugccA..... 1
Gi5_8550385_x6.....gggaacacggggugccgUacu..... 1
Gi4_530199_x6.....ugggaacacggggugccgCacu..... 1
Gi3_27477928_x6.....cgugggaaacacggggugcGcgaac..... 1
Gi3_27521188_x6.....agacgucgNgggaacacggggugcc..... 1
Gi5_8538421_x6.....ugggaaUacggggugccgaac..... 1
G1a_5704018_x6.....ggGacacggggugccgaacu..... 1
Gi2_10576025_x6....aucggagacAucgugggaaacac..... 1
Gi3_27548320_x6.....ggaacaAggggugccgaac..... 1
Gi2_10585547_x6.....agacgucgugggaaacacggggugAc..... 1
Gi3_27466534_x6.....Ugucgugggaaacacggggugccga..... 1
Gi1_3975655_x6....aucggGgacgucgugggaaaca..... 1
Gi2_10559723_x6.....ggagacgucguAggaacacggggugcc..... 1
Gi2_10563743_x6...gaucUgagacgucgugggaaacacggggU..... 1
Gi3_27493588_x6....aucggagacgucgugggG..... 1
Gi3_27496444_x6...gaucUgagacgucgugggaaacacggg..... 1
Gi3_27459772_x6....aucggagacAucgugggaaacacggg..... 1
Gi2_10569881_x6.....cgugggaaCcacggggugcc..... 1
Gi5_8549365_x6....aGcggagacgucgugggaaacacgggg..... 1
Gi3_27494404_x6.....ggaCcacggggugccgaac..... 1
Gi3_27531334_x6.....ucgugggaaacacgAggugccgaac..... 1
Gi3_27520438_x6....aucggagacgucgugAgaacac..... 1
Gi3_27499600_x6.....gucguggAaacacggggugccgaac..... 1
G1a_5711182_x6...gaucggagacgucgugggaaacacgggAugcc..... 1
Gi3_27481510_x6.....ggCcacacggggugccgaacu..... 1
Gi3_27499300_x6....aAcggagacgucgugggaaacacggggugcc..... 1
Gi4_533289_x6.....ugggaacacggggugccgaacA..... 1

Gi1_3986305_x6.....gugggaacacggggGgccgaacu..... 1
Gi3_27481024_x6.....ggaacacgggCugccgaacu..... 1
Gi3_27477304_x6....aucggagacgucgugggUacacggggugcc..... 1
Gi5_8542339_x6.....agacgAcgugggaaacacggggugcc..... 1
Gi5_8553313_x6.....gugggaacCcggggugccgaa..... 1
Gi2_10566401_x6.....cgucgugggaaacacggggCgc..... 1
Gi5_8547301_x6.....acgucgugggaaacacgAggugccgaacu..... 1
Gi3_27535420_x6.....cggGgacgucgugggaaacacggggugcc..... 1
Gi2_10568813_x6....aucggaAacgucgugggaaaca..... 1
Gi5_8547415_x6.....acgucgugggaaacacggAgugccgaacu..... 1
Gi3_27526510_x6.....gGcgugggaaacacggggugccg..... 1
Gi5_8550493_x6.....Aacgucgugggaaacacggggugccgaacu..... 1
Gi3_27542920_x6....gaucggagNcgucgugggaaacacg..... 1
Gi2_10561979_x6.....Gggagacgucgugggaaacacgggg..... 1
Gi2_10553333_x6.....ggUgacgucgugggaaacacggggug..... 1
Gi5_8548369_x6.....cgugggaaacacUgggugccgaacu..... 1
Gi2_10572743_x6.....gugggaacacggAgugccga..... 1
Gi1_3991477_x6.....ucgugggUacacggggugccgaacu..... 1
Gi5_8548825_x6.....gggaacacCgggugccgaacu..... 1
Gi2_10581263_x6.....ucgugggaaacacggggCgccg..... 1
Gi5_8559457_x6.....cgucgugggaaacacgggAugccgaacu..... 1
Gi2_10567985_x6....gaucggagacgucAugggaacacggg..... 1
Gi3_27460522_x6....aucggagacgucgugggaaacacAggg..... 1
Gi3_27527092_x6....aucggUgacgucgugggaaacacg..... 1
Gi3_27546226_x6....gaucggagacgucgugggCacacgg..... 1
Gi3_27485512_x6.....ucgugggaaacacggggCgc..... 1
Gi3_27471448_x6....gaucggagacgucgugggGacac..... 1
Gi2_10582583_x6.....gaaCcggggugccgaacu..... 1
G1a_5707444_x6.....Cggaacacggggugccgaa..... 1
Gi3_27528220_x6.....ggagacgucgugggGcacgggu..... 1
Gi3_27487342_x6....aucggagacgucgugggaaacacgC..... 1
Gi3_27507490_x6....aucggagUcgucgugggaaacacg..... 1
Gi3_27511516_x6....gaGcggagacgucgugggaaacacggg..... 1
Gi1_3974401_x6.....gacgCcgugggaaacacggggugccgaac..... 1
G1a_5727166_x6....cgaucggagacgucgugggaaacacggggugcc..... 0
Gi3_27461278_x6.....gugNgaacacggggugccga..... 1
Gi3_27542440_x6....aucggagacgucgCgggaacacgg..... 1
Gi3_27506260_x6.....cgucgGgggaacacggggugccgaacu..... 1
Gi3_27486640_x6.....ucgugggaaacacggggugUcgaac..... 1
Gi2_10588295_x6.....gucgugggNacacggggugccga..... 1
Gi1_3991435_x6.....ucgugggaaacacggUgugccgaacu..... 1
Gi3_27493072_x6....Agagacgucgugggaaacacgggg..... 1
Gi3_27518074_x6.....acgucgGgggaacacggggugccgaacu..... 1
Gi2_10579841_x6....aucAgagacgucgugggaaacac..... 1
Gi3_27462742_x6....gaucggagacgucgugggGcacggg..... 1
G1a_5722474_x6.....gugggaacacgggAugccgaacu..... 1
Gi2_10576529_x6....aucggagacgucgugggaaacGcggg..... 1

Gi3_27542158_x6.....uGggagacgucgugggaacacggggu..... 1
 Gi3_27478432_x6...gaucggagacgucgugggaacCcg..... 1
 Gi3_27473710_x6.....Ggacgucgugggaacacggg..... 1
 Gi2_10579637_x6.....gaUcacggggugccgaac..... 1
 Gi3_27538636_x6.....cgugggaacacggggugcA..... 1
 Gi2_10561121_x6.....ugggaacacggggugcAga..... 1
 G1a_5707936_x6.....agacgucgugggaacacggggugccgaacu..... 0
 Gi2_10569377_x6.....cgucgugggaAacggggugccgaacu..... 1
 Gi2_10590413_x6.....cgucgugggaacacggggCgccga..... 1
 Gi3_27517396_x6...gaucggagacgucgugggaacGcggg..... 1
 Gi3_27649222_x5...aucggagacgucgugggaCcacggggugc..... 1
 Gi2_10615960_x5.....acUucgugggaacacggggugccgaacu..... 1
 Gi3_27631947_x5.....gugggaacacggCgugccga..... 1
 Gi1_3998300_x5.....gucAugggaacacggggugccgaacu..... 1
 Gi3_27577552_x5.....cgugggaacacggggugAc..... 1
 Gi3_27610292_x5.....guAgugggaacacggggugccgaacu..... 1
 Gi2_10623490_x5...cggagacgucgugggaacCgggggu..... 1
 Gi5_8598902_x5.....Ggugggaacacggggugc..... 1
 G1a_5758102_x5...aucggagacgucgugggCacacggg..... 1
 Gi3_27651042_x5.....gugNgaacacggggugccg..... 1
 Gi2_10608595_x5...cggagacgucgugggaacacggggugAc..... 1
 Gi2_10641110_x5...aucggagCcgucgugggaaca..... 1
 G1a_5759912_x5.....gugggaacacggggCgccgaac..... 1
 Gi2_10593250_x5...cggagacgNcgugggaacacggggu..... 1
 Gi3_27626812_x5...cgAcgugggaacacggggugccga..... 1
 Gi3_27556757_x5...aucggagacgucgugggaacacggAgugcc..... 1
 Gi3_27605507_x5.....gGgggaacacggggugccgaacuu..... 1
 Gi1_4011345_x5...agacgCcgugggaacacggggugccgaac..... 1
 Gi3_27565932_x5...gGgacgucgugggaacacggggu..... 1
 Gi3_27627277_x5...gaAcggagacgucgugggaacacggggu..... 1
 G1a_5746677_x5...auUggagacgucgugggaacacggg..... 1
 Gi3_27649887_x5...aucggCgacgucgugggaacacgggg..... 1
 G1a_5733697_x5.....Ugugggaacacggggugcc..... 1
 Gi3_27654457_x5...gucgugggaacacgAggugccgaac..... 1
 Gi2_10625595_x5.....Ugugggaacacggggugccgaa..... 1
 Gi1_4003525_x5.....cgugggaacacggggugccgaaUu..... 1
 Gi3_27631387_x5...agacgucgugggaacacAgggugccgaacu..... 1
 Gi3_27639827_x5...aucUgagacgucgugggaacacggg..... 1
 Gi3_27608547_x5...gucgugggaacaUggggugccgaac..... 1
 Gi3_27658552_x5...cgugggaacacggggugccAaa..... 1
 Gi2_10611045_x5...acgucgugggaacacggAgugcc..... 1
 Gi1_3999990_x5...Gcggagacgucgugggaacacggggugcc..... 1
 Gi2_10591670_x5...acgucgugggaGcacggggugcc..... 1
 Gi1_3995625_x5...gUgaacacggggugccgaac..... 1
 Gi1_4015640_x5...gggaacacgggAugccgaacu..... 1
 Gi2_10593060_x5...ggagacgucgugggaacaUggggugcc..... 1
 Gi5_8569287_x5...cgugggaaNacggggugcc..... 1

Gi1_4004185_x5.....uggaacacggggugccgaaU..... 1
 Gi2_10632070_x5...gaucggagacgucgugggaacCcggggu..... 1
 Gi3_27605407_x5.....cguAggaacacggggugccgaa..... 1
 Gi3_27638512_x5....aucNgagacgucgugggaacacg..... 1
 Gi3_27619937_x5.....gacgucgugggaGcacggg..... 1
 Gl1a_5734542_x5.....uggaacacggggugccAaacu..... 1
 Gi2_10607560_x5.....cgGcgugggaacacggggugccga..... 1
 Gi5_8595167_x5.....cggagacgucgugggaacacggggugccgaa..... 0
 Gi5_8586247_x5...Uaucggagacgucgugggaaca..... 1
 Gi3_27584132_x5.....cggagacgucgugggaGcacggg..... 1
 Gi3_27565552_x5..Ucgaucggagacgucgugggaacacggg..... 1
 Gi3_27658127_x5....aucggGgacgucgugggaacacggggugc..... 1
 Gi2_10608230_x5.....gaUgucgugggaacacggggugccgaacu..... 1
 Gl1a_5742917_x5.....ggaacacggggugcUgaacu..... 1
 Gi3_27580032_x5.....acgucgugggUacacggggugccgaacu..... 1
 Gi2_10649850_x5.....gggaacacggggugcAgaac..... 1
 Gi1_4015885_x5.....cgucgugggaacCcggggugcc..... 1
 Gl1a_5756177_x5....aucAgagacgucgugggaacacgggggu..... 1
 Gi3_27633682_x5.....ggaacacggggugUcgaa..... 1
 Gi2_10625435_x5....aucggagacgucgugggaUac..... 1
 Gi3_27562212_x5.....cgugggaacacggggugccgG..... 1
 Gi2_10612745_x5.....agacgucgugggaacacggggAgcc..... 1
 Gi3_27613932_x5....ucggagacgucgugggCacacg..... 1
 Gi2_10628195_x5.....Ucgucgugggaacacggggugc..... 1
 Gi3_27597577_x5.....gugggaacacggggugccgUa..... 1
 Gi3_27559272_x5.....Gggagacgucgugggaacacggg..... 1
 Gi5_8571142_x5.....cgugggaacGcggggugccga..... 1
 Gi3_27596417_x5.....ucgugggaNcacggggugc..... 1
 Gi3_27621247_x5....aucggagacgucgugggaacacgAgggugcc..... 1
 Gi5_8589577_x5....aucggagacgucgugggCacacgg..... 1
 Gi2_10645235_x5...gUucggagacgucgugggaacacggg..... 1
 Gi3_27595642_x5.....cgucgugggaGcacgggggu..... 1
 Gi2_10596950_x5.....agCcgucgugggaacacggggugccgaacu..... 1
 Gi5_8569842_x5.....cgucgugggaacacggggguAccgaacu..... 1
 Gi5_8601012_x5....aucggagacgucgugggaacacggggugccgaac..... 0
 Gi3_27635782_x5.....cgugggaaUacggggugccg..... 1
 Gi5_8569227_x5.....gacgucgugAgaacacggggugccgaacu..... 1
 Gi1_4001440_x5.....ucgugggaacacggggugccgUacu..... 1
 Gi2_10621045_x5.....cgucgugggGcacggggugc..... 1
 Gi2_10606790_x5.....gugggaacacggggAgccgaa..... 1
 Gi5_8586912_x5.....gCacacggggugccgaacu..... 1
 Gi2_10591300_x5.....ucgugggaCcacggggugccgaacu..... 1
 Gi2_10608370_x5.....gacgucgugggaacacggggAgccgaacu..... 1
 Gi2_10649510_x5.....cgugggaaUacggggugccgaac..... 1
 Gi2_10628425_x5....aCcgagacgucgugggaacacggggugc..... 1
 Gi3_27648432_x5...gaCcgagacgucgugggaacacg..... 1
 Gi1_4012200_x5.....gaacacggUgugccgaacu..... 1

Gi5_8601102_x5.....cguUgugggaacacggggugccgaacu..... 1
Gi3_27613947_x5...gaucggagacgCcgugggaacacg..... 1
Gi2_10617175_x5....aucggagacgucgugggCacacggggg..... 1
Gi3_27645367_x5.....cNugggaacacggggugccgaacu..... 1
Gi2_10622640_x5....Gucggagacgucgugggaacacgggg..... 1
Gi2_10644450_x5...gcgaucggGgacgucgugggaacacggggugcc..... 1
Gi1_3997000_x5.....cggGgacgucgugggaacacggggugc..... 1
Gi3_27615947_x5.....gacgucgugggaacacggggugccgGac..... 1
Gi3_27656372_x5.....gacgucgugggaacacggggugUcgaacu..... 1
Gi2_10629620_x5.....agacgucgugggaacacggggCgc..... 1
Gi3_27623267_x5....Cucggagacgucgugggaacacg..... 1
Gi2_10650305_x5.....ucgugggaacacgggAugccgaac..... 1
Gi2_10628935_x5....Caucggagacgucgugggaaca..... 1
Gi1_4017620_x5.....acgCcgugggaacacggggugccgaacu..... 1
Gi3_27577687_x5....aAcggagacgucgugggaacacggggugc..... 1
Gi3_27655467_x5.....gaaUacggggugccgaac..... 1
Gi2_10628660_x5...gaucggagacguUgugggaacacgggg..... 1
Gi3_27615887_x5....cggagacgNcgugggaacac..... 1
Gi3_27620782_x5.....Ugucgugggaacacggggugc..... 1
Gi3_27552022_x5....ucggGgacgucgugggaacacggggugcc..... 1
Gi5_8576997_x5.....Naacacggggugccgaacu..... 1
Gi3_27643857_x5....gucgugggaacacggggugcGgaacu..... 1
Gi2_10591415_x5.....gggaaUacggggugccgaac..... 1
Gi2_10593240_x5.....ucgNgggaacacggggugccgaacu..... 1
Gi3_27558552_x5....cgucguggNaacacgggg..... 1
Gi3_27584857_x5....ggGgacgucgugggaacacggggugccgaacu..... 1
Gi3_27647537_x5.....gggCacacggggugccgaacu..... 1
Gi2_10621425_x5.....cgugggaacacggggCgccgaa..... 1
Gi2_10604745_x5....agacgucgugggaCcacggggugcc..... 1
Gi5_8592217_x5....agacUucgugggaacacggggugccgaacu..... 1
Gi2_10602650_x5.....Agugggaacacggggugc..... 1
Gi1_4003655_x5.....cgucgugggaacacggggAgccgaacu..... 1
Gi2_10617200_x5.....ucgugggaacUcggggugccgaacu..... 1
Gi2_10609040_x5....cgucguggAaacacggggugccgaacu..... 1
Gi3_27621852_x5.....ggaacaAggggugccgaacu..... 1
Gi3_27616277_x5.....gucgugggaacUcggggugccgaacu..... 1
Gi2_10618705_x5...gaucggagacgucgugggaAacggg..... 1
Gi2_10636520_x5.....Cgggaacacggggugccg..... 1
Gi2_10631680_x5.....acgucguAggaacacggggugccgaacu..... 1
Gi2_10600840_x5....aucggagacguUgugggaacacggggugc..... 1
Gi5_8575192_x5.....gucgAgggaacacggggugccgaacu..... 1
Gi3_27643827_x5....gaucggagacgucgugggaacCgggg..... 1
Gi3_27578362_x5.....ucgAgggaacacggggugccgaac..... 1
Gi2_10639620_x5....aucggagacgucgugggaacacggAgu..... 1
Gi3_27560157_x5.....ugggaacaUggggugccgaa..... 1
Gi2_10626745_x5....cgugggaacacggAgugccgaa..... 1
Gi4_535233_x5.....cgAgggaacacggggugccgaacu..... 1

Gi2_10649885_x5.....gggaacacggggugAcgaacu..... 1
Gi3_27556102_x5.....aucggagacgucgugggaaacCcggggugc..... 1
Gi1_3994090_x5.....cgucgugggaacacggggugccgaGcu..... 1
Gi2_10635730_x5.....gucgugggaaacGcggggugccga..... 1
Gi2_10644955_x5.....gugNgaacacggggugccgaac..... 1
Gi2_10608310_x5.....cgucgugAgaacacggggugccgaacu..... 1
Gi3_27564422_x5.....cgugggaaUacggggugcc..... 1
Gi2_10639380_x5.....gacgucgugggaGcacggggugccg..... 1
G1a_5739957_x5.....Uucgugggaacacggggugccgaac..... 1
Gi3_27560987_x5.....acgucgugggaacaUggggugccgaac..... 1
Gi2_10636265_x5.....ggagacgCcgugggaacacggggugc..... 1
Gi1_4005680_x5.....cgugggaacacggggugccgaaU..... 1
Gi5_8595952_x5.....ggaacacggggugccgaUc..... 1
Gi4_537243_x5.....Gcgugggaacacggggugccgaacu..... 1
Gi5_8584422_x5.....ugggaaAacggggugccgaacu..... 1
Gi1_4016090_x5.....Gucggagacgucgugggaacacggggugc..... 1
Gi5_8585717_x5.....acgucgugggCacacggggugccgaacu..... 1
Gi2_10639670_x5.....gggUacacggggugccgaac..... 1
Gi1_4002545_x5.....ggaacacggggugUcgaacu..... 1
Gi5_8599942_x5.....cgugggaaNacggggugc..... 1
Gi1_3996775_x5.....aucggagacgucgugggaacacggU..... 1
Gi2_10608165_x5.....agacgucgugggaacacggggugccgCacu..... 1
Gi3_27623942_x5.....gaacCcggggugccgaac..... 1
Gi3_27624847_x5.....Aaucggagacgucgugggaacacgg..... 1
Gi2_10630065_x5.....cggagacgucgugggaacacggggGgc..... 1
Gi1_4014080_x5.....acgucgugggaacGcggggugcc..... 1
Gi3_27613337_x5.....acgucgugggaacacggUgugccgaacu..... 1
Gi2_10634825_x5.....gaucggagacgucgugggGacacggggugc..... 1
Gi2_10620930_x5.....cgAcgugggaacacggggugc..... 1
Gi2_10619910_x5.....Caucggagacgucgugggaacacggggugcc..... 1
Gi1_3996840_x5.....gggaacacggggAgccgaacu..... 1
Gi1_4016225_x5.....gugggaacacggggugccgaGc..... 1
Gi3_27550282_x5.....cgucgugggaacaUggggugccgaac..... 1
Gi2_10603395_x5.....ugggaacacggggUaccgaac..... 1
Gi2_10598230_x5.....cgucgugggaacacggggugccgCac..... 1
Gi3_27585872_x5.....ugggaacacggggAgccg..... 1
G1a_5735972_x5.....cgugAgaacacggggugccgaacu..... 1
Gi2_10640900_x5.....gugggaUcacggggugccgaac..... 1
Gi1_3995040_x5.....ggaacacggggAgccgaacu..... 1
Gi5_8590832_x5.....gugggaacacggggugccA..... 1
Gi3_27640372_x5.....cguggUaacacggggugccgaac..... 1
G1a_5737687_x5.....gggaacacggggugcUgaacu..... 1
Gi1_3996550_x5.....aacaAggggugccgaacu..... 1
Gi3_27632672_x5.....Gcgucgugggaacacggggugccg..... 1
Gi2_10602200_x5.....gaucggagCcgucgugggaacacggggu..... 1
Gi3_27619237_x5.....ucggagacNucgugggaacacg..... 1
Gi3_27566312_x5.....gCcgugggaacacggggugcc..... 1

Gi2_10612595_x5.....gacgucgugggaacacggggugccgaGcu..... 1
 Gi3_27631797_x5.....cggagGcgucgugggaacacggggugcc..... 1
 Gi1_4012665_x5.....gggaacacgAggugccgaacu..... 1
 Gi1_4004175_x5.....acAucgugggaacacggggugccgaacu..... 1
 Gi5_8589652_x5.....ugggaacGcggggugccgaac..... 1
 Gi2_10626965_x5.....gucgugggaAacggggugccgaac..... 1
 Gi3_27595192_x5..Ucgauccgagacgucgugggaacacgg..... 1
 Gi5_8588502_x5.....aucggagacgucgugggaGcac..... 1
 Gi3_27600597_x5.....gaacacgggAugccgaac..... 1
 Gi2_10641855_x5.....cgugggaacacggggCgccga..... 1
 Gi3_27561137_x5.....ggaacacggggugccUaac..... 1
 Gi2_10612375_x5.....cgugggaacacggggugccAa..... 1
 Gi5_8600702_x5.....gaacacgggCugccgaacu..... 1
 Gi2_10607130_x5.....gugggaacacggCgugccgaac..... 1
 Gi2_10613945_x5.....ugggaCcacggggugccgaac..... 1
 Gi3_27577582_x5.....aCcgagacgucgugggaacacggggugc..... 1
 Gi1_4008600_x5.....ucgugggaacacggggugcAgaacu..... 1
 Gl1_5746132_x5.....aucggagaNgucgugggaacacgggggu..... 1
 Gi3_27559902_x5..cgauccggaNacgucgugggaacacg..... 1
 Gi3_27611887_x5.....gugggaacacggggugAcgaa..... 1
 Gi5_8567242_x5.....cgugggaacGcggggugccgaac..... 1
 Gi3_27642367_x5.....aucggGgacgucguggga..... 1
 Gi1_4008925_x5.....cggagacgucgCgggaacacggggugccga..... 1
 Gi2_10627300_x5.....cgugggaacacggggugAc..... 1
 Gi3_27626712_x5.....gggaacacCgggugccgaacu..... 1
 Gi2_10644635_x5.....ggaNcacggggugccgaac..... 1
 Gi2_10634520_x5.....cgugggaacGcggggugc..... 1
 Gi1_3994075_x5.....ugggaacacggggugAcgaacu..... 1
 Gi3_27552647_x5...gauUggagacgucgugggaacacggg..... 1
 Gi3_27600987_x5.....ggaacacggggUaccgaa..... 1
 Gi2_10622420_x5.....guggAaacacggggugccga..... 1
 Gi3_27550917_x5.....Cucgugggaacacggggugccga..... 1
 Gi2_10647065_x5.....cUgagacgucgugggaacac..... 1
 Gi2_10593860_x5.....aucggagacgucgugggCacacggg..... 1
 Gi5_8568412_x5.....ucgugggaacacggggugccUaacu..... 1
 Gi3_27597267_x5.....aucggagacgucgCggga..... 1
 Gi3_27589047_x5.....acgAcgugggaacacggggugccgaacu..... 1
 Gi3_27565012_x5.....gacgucguNggaacacggggugccgaac..... 1
 Gi1_4011665_x5.....Uagacgucgugggaacacggggugccgaac..... 1
 Gi3_27573232_x5.....aucggagacgucgugggaacaU..... 1
 Gi3_27620122_x5.....gugggCacacggggugccg..... 1
 Gl1_5764787_x5.....Gucggagacgucgugggaacacgg..... 1
 Gi2_10622490_x5.....ucggagacNucgugggaacacg..... 1
 Gi2_10594750_x5.....aucggagacgucgugggaacacAgggugcc..... 1
 Gi3_27589932_x5.....cggAUacgucgugggaacacgggggu..... 1
 Gi1_4007150_x5.....aucggGgacgucgugggaacacg..... 1
 Gi4_534893_x5.....aUacgucgugggaacacggggugcc..... 1

Gi1_4000820_x5.....ucgugggaacacggggugccgaGc.....	1
Gi5_8582687_x5.....gggaacacggggugcUgaac.....	1
Gi5_8585482_x5.....gugggCacacggggugccgaac.....	1
Gi5_8601362_x5.....agacgucgugggaaUacggggugccgaacu.....	1
Gi1_4002605_x5.....aucggagacgucgugggaGcacgggu.....	1
Gi1_4011250_x5.....aucggagacgucgugggaCcacg.....	1
Gi3_27564522_x5.....cgugggaacaAggggugccgaac.....	1
Gi5_8592657_x5.....Ggacgucgugggaacacggggugccgaac.....	1
Gi2_10621805_x5.....gaGcggagacgucgugggaacacgggggu.....	1
Gi3_27633832_x5.....ggGgacgucgugggaacacgggggu.....	1
G1a_5750237_x5.....cgugggaaUacggggugccgaacu.....	1
Gi3_27581497_x5.....ucgugggaacacggcGugccgaacu.....	1
Gi2_10615775_x5.....aucggagacgucgugggaCcacg.....	1
Gi5_8569687_x5.....acguGgugggaacacggggugccgaacu.....	1
Gi3_27653967_x5.....gacgucgugggaacacggggugccgaUc.....	1
Gi2_10592985_x5.....ggaacacgUggugccgaac.....	1
Gi3_27619322_x5.....cggagacgNcgugggaacacggggugccga.....	1
Gi3_27599372_x5.....gcgaucggagacgucgugggaacacggggugc.....	0
Gi1_3996070_x5.....gugggaacacggggugGcgaacu.....	1
Gi5_8566107_x5.....ugggaacacggggAgccgaac.....	1
Gi3_27606397_x5.....gugggaacaGggggugccgaac.....	1
G1a_5763037_x5.....aucggagacgucgugggaGcacggg.....	1
Gi5_8570842_x5.....cgucgugggaacaUggggugccgaacu.....	1
Gi3_27617722_x5.....ugggaacacggggugAcga.....	1
Gi3_27649982_x5.....gaucAgagacgucgugggaacacgggggu.....	1
Gi2_10606810_x5.....aAcggagacgucgugggaacacggggug.....	1
Gi3_27573472_x5.....cggagacgucgugggaacacAgggugcc.....	1
Gi2_10592945_x5.....uGggagacgucgugggaacacggggugcc.....	1
Gi1_4011395_x5.....Ggacgucgugggaacacgggg.....	1
Gi5_8578042_x5.....aGcacggggugccgaacuuu.....	1
Gi2_10606585_x5.....ucAugggaacacggggugccgaac.....	1
Gi3_27649667_x5.....gauUggagacgucgugggaacacgggggu.....	1
Gi3_27568352_x5.....aucggagacgucgugAgaacacggggugcc.....	1
Gi2_10643485_x5.....ucggagacNucgugggaacacggggugcc.....	1
Gi2_10598245_x5.....cgucAugggaacacggggugccgaacu.....	1
Gi3_27629492_x5.....ucggagacgucgugggGacacgggggu.....	1
Gi3_27555772_x5.....cgugggaacacggggugccgaG.....	1
Gi2_10625370_x5.....ggaacacggcGugccgaacu.....	1
Gi3_27602442_x5.....agacgucgugAgaacacggggugccgaacu.....	1
Gi1_3993885_x5.....gucgugggaaAacggggugcc.....	1
Gi5_8588257_x5.ugcgauccggagacgucgCggg.....	1
Gi2_10608700_x5.....cgugggaacacgUggugccga.....	1
Gi1_3998700_x5.....gCgggaacacggggugccgaac.....	1
Gi2_10649895_x5.....gaucggagacgCcgugggaacacggggug.....	1
Gi3_27594457_x5.....cgauccggaNacgucguggg.....	1
G1a_5763747_x5.....ggaacacggggUccgaacu.....	1
Gi2_10630670_x5.....aucggagacgucgugggaacacgAgggugcc.....	1

Gi2_10592350_x5.....ggUgacgucgugggaacacggggu..... 1
Gi1_4016075_x5.....Ugagacgucgugggaacacggggu..... 1
Gi3_27622197_x5.....ugggaaUacggggugccg..... 1
Gi5_8597122_x5.....gcgccugcugcccaccuucgccgaguucg..... 0
Gi3_27587497_x5.....cgugggaacacggggugUcg..... 1
Gi5_8578217_x5.....agacgucgugggaacacggggugccgCacu..... 1
Gi1_4016450_x5.....ggagacgucgugggaacacggggugccgaa..... 0
Gi5_8581477_x5.....ggaacacggUgugccgaacu..... 1
Gi2_10595395_x5.....ugggaacacUgggugccgaacu..... 1
Gi2_10616670_x5.....aucggagacgucAugggaacacggggu..... 1
Gi1_4016370_x5.....cgCgggaacacggggugccgaac..... 1
Gi2_10591130_x5.....aUacgucgugggaacacggggug..... 1
Gi5_8590027_x5.....cgAgggaacacggggugccga..... 1
Gi2_10643165_x5.....acgucgugggaacacggggUaccgaacu..... 1
Gi1_3996665_x5.....ucguggAaacacggggugcc..... 1
Gi2_10609305_x5.....gugggaaAacggggugccg..... 1
Gi5_8570322_x5.....aacacggggugccgaacG..... 1
Gi3_27602312_x5.....gGucggagacgucgugggaacacggggugc..... 1
Gi3_27658747_x5..Ucgauccgagacgucgugggaac..... 1
Gi5_8592562_x5.....cgugggaacacAgggugccgaac..... 1
Gi1_3999865_x5.....ggGgacgucgugggaaca..... 1
G1a_5753562_x5.....Ugagacgucgugggaacacggggugc..... 1
G1a_5741272_x5.....gggaacacggggCgccgaacu..... 1
Gi3_27563007_x5.....aucggagacgucgugggaUcacg..... 1
Gi2_10648625_x5..Ggagcggagacgucgugg..... 1
Gi5_8587942_x5.....cgugggGacacggggugccgaac..... 1
Gi1_4002060_x5.....uGgugggaacacggggugccg..... 1
Gi3_27583762_x5.....gucgugggaacacgggAugccgaac..... 1
G1a_5761277_x5.....cgugggaaNacggggugc..... 1
Gi2_10642885_x5.....cgucgugggaacCcggggugccg..... 1
Gi2_10644095_x5..Ucgauccgagacgucgugggaacacggggugc..... 1
Gi3_27561222_x5.....ugggaUcacggggugccgaac..... 1
Gi3_27549682_x5.....gugggaCcacggggugccgaa..... 1
Gi2_10632125_x5.....cgucgugggUacacggggugccgaacu..... 1
Gi5_8564497_x5.....gucgugggaacacgggAugccgaacu..... 1
Gi2_10627210_x5.....Ugacgucgugggaacacggggugc..... 1
Gi1_4015705_x5.....Gggagacgucgugggaacacggggugcc..... 1
Gi2_10594030_x5.....gugggaacacggCgugcc..... 1
Gi5_8580582_x5.....aucggagacgucgugggaacacggggCgc..... 1
Gi5_8578357_x5.....gugggaaGacggggugccgaacu..... 1
Gi2_10599855_x5.....cgucguggNaacacgggg..... 1
Gi2_10595960_x5.....ugggaacCcggggugccgaac..... 1
Gi2_10633305_x5.....aucgAagacgucgugggaacacggggugcc..... 1
Gi3_27640462_x5.....cgucgugggaacacggggugccgaaUu..... 1
Gi2_10618165_x5.....ggaacacggUgugccgaacu..... 1
Gi3_27602452_x5.....gacgucgugggaGcacggggugccgaac..... 1
Gi1_4013190_x5.....acgucgugggaacacggggugccgaaAu..... 1

Gi5_8583082_x5.....gugggaacacggggugccgaG..... 1
Gi2_10632510_x5.....aucggagacgucgCgggaacacggg..... 1
Gi5_8570757_x5.....ucggagacgucgugggGacacg..... 1
Gi2_10612915_x5.....ucgugggaacacggggugAcgaacu..... 1
Gi3_27576387_x5.....gGucggagacgucgugggaacacggggugcc..... 1
Gi5_8569047_x5.....Gacacggggugccgaacuuu..... 1
G1a_5749992_x5.....gugggaacacggggGgccgaac..... 1
Gi5_8594202_x5.....gugggaacacggggGgccgaacuu..... 1
Gi2_10629335_x5.....gaucggagacgucgugggaacGcggggug..... 1
Gi1_4004350_x5.....aacacgCggugccgaacu..... 1
Gi1_4016875_x5.....cguNggaacacggggugccgaacu..... 1
Gi3_27551162_x5.....cgugggaacacAgggugccga..... 1
Gi3_27593767_x5.....cUaucggagacgucgugggaacacggggugc..... 1
Gi2_10633510_x5.....aucggagacgucgugggaCca..... 1
Gi1_4004275_x5.....acgucgugggaGcacggggugccgaacu..... 1
Gi2_10645030_x5.....ugAgaacacggggugccgaac..... 1
Gi3_27549627_x5.....aGgucgugggaacacggg..... 1
Gi1_4014325_x5.....cgGgggaacacggggugccgaac..... 1
Gi5_8581517_x5.....gCgggaacacggggugccgaa..... 1
Gi5_8589802_x5.....agacgucgugggaCcacggggugccgaacu..... 1
Gi2_10649355_x5.....aacacgUggugccgaacu..... 1
Gi3_27642377_x5.....Cacgucgugggaacacggggugccgaac..... 1
Gi3_27646647_x5.....cgugggaacCcgggugccga..... 1
Gi3_27601432_x5.....gggaacacggggugcGgaac..... 1
Gi1_3994290_x5.....ggaacacggggugccgaCcu..... 1
Gi2_10621845_x5.....gaucggagacgucgugggCacacgggu..... 1
Gi2_10620970_x5.....gugggaacacggggUaccg..... 1
Gi3_27642907_x5.....ucgugggaacGcggggugc..... 1
Gi3_27575027_x5.....acgucgugggaaUacggggugccgaacu..... 1
Gi2_10640365_x5.....ucgugggaacacggggugccgaaU..... 1
Gi1_4013680_x5.....Ccgugggaacacggggugcc..... 1
Gi5_8586002_x5.....cgucgugggaaUacggggugccgaacu..... 1
Gi5_8590872_x5.....gugggaacacAgggugcc..... 1
Gi3_27570392_x5.....gaacaUggggugccgaac..... 1
G1a_5761722_x5.....gggaacacggggugccAaacu..... 1
Gi2_10620905_x5.....uggggaacacggggugGcgaacu..... 1
Gi5_8563927_x5.....gugggaacaUggggugccgaac..... 1
Gi3_27616272_x5.....cgucgugggaacacggggugcU..... 1
Gi2_10633715_x5.....gacgucgugggaacacggggCgccgaacu..... 1
Gi3_27636117_x5.....gUagacgucgugggaacacggggugccga..... 1
Gi1_4009605_x5.....gugggaacacggggugcU..... 1
Gi2_10607685_x5.....gacAucgugggaacacggggugcc..... 1
Gi3_27590467_x5.....gugggaacacggggAgccg..... 1
Gi5_8589502_x5.....ugggaacacggggugccgCa..... 1
Gi5_8570187_x5.....gucgugggaacacggggugUcgaacu..... 1
Gi5_8594957_x5.....ugggaacacAgggugccgaa..... 1
Gi3_27653902_x5..gcgaucggGgacgucgug..... 1

Gi3_27566632_x5.....uggaacacggggugcGgaac..... 1
 Gi2_10649455_x5.....aucggCgacgucgugggaaacacggggugcc..... 1
 Gi3_27627192_x5.....Uucggagacgucgugggaaacacggggugcc..... 1
 Gi3_27626237_x5.....cgugggaacacggggugUcgaa..... 1
 Gi3_27628487_x5.....aucggCgacgucgugggaaacacggggugcc..... 1
 Gi3_27613682_x5.....cUucgugggaaacacggggug..... 1
 Gi1_4004080_x5.....ggUgacgucgugggaaacacggggugccg..... 1
 G1a_5739052_x5.....aucggagacgucgugggGacacgggggu..... 1
 Gi1_3995525_x5.....cAucgugggaaacacggggugccgaacu..... 1
 Gi1_4016735_x5.....gucgugggaaacacggggugccgaGcu..... 1
 Gi2_10592920_x5.....ggaacacgUggugccgaacu..... 1
 Gi5_8595182_x5.....gugggaacNcggggugccg..... 1
 Gi5_8578622_x5.....gucgugggaaacacggggugcUgaacu..... 1
 Gi3_27612627_x5.....gaucggagGcugcugggaaacacgggggu..... 1
 Gi2_10612860_x5.....aucggagacgCcgugggaaaca..... 1
 Gi2_10650040_x5.....gucgugggaaacGcggggugcc..... 1
 Gi3_27600732_x5.....gucNugggaacacggggugccgaacu..... 1
 Gi2_10604175_x5.....aucggagacgucgugggaaacGcggggugcc..... 1
 Gi3_27564817_x5.....gaucggGgacgucgugggaaacacgg..... 1
 Gi2_10626485_x5.....ggagacgucguggAaacacggggugcc..... 1
 Gi2_10593460_x5.....agacgucgugggaaacacggggugccgaCcu..... 1
 G1a_5748337_x5.....gugggaGcacggggugcc..... 1
 Gi3_27615937_x5.....aacacggggGgccgaacuu..... 1
 Gi3_27552832_x5.....Agucgugggaaacacggggugccg..... 1
 Gi3_27551352_x5.....aucggagacgucguggAaacacggggugcc..... 1
 Gi3_27552732_x5.....aucggagacgucgugggaaacUcggg..... 1
 Gi3_27650897_x5.....aucggagacgucUugggaacacgggg..... 1
 Gi2_10609505_x5.....aucggagacgucgugggCac..... 1
 Gi3_27606472_x5.....gucguggUaacacggggugccgaacu..... 1
 G1a_5763782_x5.....ugggaGcacggggugccgaacu..... 1
 Gi2_10645510_x5.....cgugggaacacggggugccUaac..... 1
 Gi2_10597460_x5.....ugggaacacggggCgccg..... 1
 Gi2_10624295_x5.....ggaacUcggggugccgaacu..... 1
 Gi3_27603657_x5.....cgucgugggaaacaUggggugcc..... 1
 Gi1_4009465_x5.....gugggaacacggggugccgaaAu..... 1
 Gi2_10606500_x5.....agacgucgugggGacacggggugccgaacu..... 1
 Gi2_10603635_x5.....cgugggaacacggggugccGac..... 1
 Gi5_8601857_x5.....gggaCcacggggugccgaacu..... 1
 Gi3_27645062_x5.....Agugggaacacggggugccgaa..... 1
 Gi3_27583742_x5.....ucgugggGacacggggugccgaa..... 1
 Gi2_10606490_x5.....gucgugggaaacacggggugccgaGc..... 1
 Gi1_3997165_x5.....gaacaAggggugccgaacu..... 1
 Gi4_535428_x5.....ugggaacaNggggugccgaacu..... 1
 Gi2_10641160_x5.....cgugggaaAacggggugccgaac..... 1
 Gi2_10600080_x5.....ucgugggUaacacggggugccgaacu..... 1
 Gi2_10643380_x5.....gaucggagNcugcugggaaacacggggugcc..... 1
 Gi3_27642262_x5.....ggagacgucgugggaaacacggggugcc..... 1

Gi3_27567497_x5.....gggaaUacggggugccgaac..... 1
Gi2_10614910_x5.....cgucgugggaCcacggggugccga..... 1
Gi2_10630270_x5.....Uucgugggaacacgggggu..... 1
Gi2_10597775_x5.....gucgugggaacacCgggugccgaacu..... 1
Gi2_10642765_x5.....Aaacacggggugccgaac..... 1
Gi3_27624122_x5.....cgugggaCcacggggugccgaa..... 1
Gi3_27612817_x5.....gucgugggaaUacggggugccgaac..... 1
Gi2_10649795_x5.....cgugggaacacggggugccgC..... 1
Gi3_27570952_x5.....acUucgugggaacacggggugccgaac..... 1
Gi3_27631187_x5.....cgucgugggaGcacggggugccga..... 1
Gi3_27590137_x5.....agacgucgugggaacacgAgggugccgaacu..... 1
Gi3_27593882_x5.....uggNaacacggggugccgaac..... 1
Gi3_27595087_x5.....gGcugcugugggaacacggggugccg..... 1
Gi5_8577432_x5.....cgugggaacacggggugccgCac..... 1
Gi3_27552992_x5.....aucggagacgucguggCaacacg..... 1
Gi2_10625075_x5.....cgucgugggaacacggggugccgaaAu..... 1
Gi2_10622155_x5.....cgucgugggaacGcggggugc..... 1
Gi3_27584302_x5.....ugggaacUcggggugccgaa..... 1
Gi3_27631722_x5.....Ugagacgucgugggaacacgggg..... 1
Gi3_27561062_x5.....ucgugggaacacggggCgccga..... 1
Gi2_10600680_x5.....gugggaacacggggugUcgaa..... 1
Gi2_10614065_x5.....cgCcgugggaacacggggugccgaac..... 1
Gi2_10640140_x5.....cgugggaacCggggugc..... 1
Gi5_8596497_x5.....Gucggagacgucgugggaacacgggg..... 1
Gi2_10615165_x5.....gaucggagacgucgugggaacacAg..... 1
Gi2_10599745_x5.....acgucgugggaacacggggGgc..... 1
G1a_5749012_x5.....gugggaacacggggugccgaaAu..... 1
Gi5_8564632_x5.....aGcggagacgucgugggaacacggggugcc..... 1
G1a_5750647_x5.....gugggaacGcggggugcc..... 1
Gi3_27578607_x5.....gaacacggggugccAaac..... 1
Gi2_10622360_x5.Ggcgaucggagacgucgugggaacacg..... 1
Gi1_3997580_x5.....gggaacaUggggugccgaacu..... 1
Gi5_8580852_x5.....Ggacgucgugggaacacggggugcc..... 1
G1a_5746157_x5.....ugggaacacggggugUcgaaacu..... 1
Gi3_27592862_x5.....gaacacggggugccgUac..... 1
Gi2_10649530_x5.....cgucgugggaacaUggggugccgaacu..... 1
Gi1_4011735_x5.....ugggaacaNggggugccga..... 1
Gi5_8599957_x5.....gaacacggggugccgaaAu..... 1
Gi3_27617847_x5.....cgaucggagacgucgugggaCcacg..... 1
Gi2_10609180_x5.....ucgCgggaacacggggugccgaac..... 1
Gi3_27554957_x5.....ggaacacggggugccgGa..... 1
Gi3_27617292_x5.....aucggGgacgucgugggaacacgggg..... 1
Gi1_3995050_x5.....Ugagacgucgugggaacacggggugccgaacu..... 1
Gi5_8579752_x5.....ugggaacGcggggugccgaa..... 1
Gi5_8585592_x5.....agacgucgugggaacacAgggugccgaacu..... 1
Gi2_10617380_x5.....aucggagaNgucgugggaac..... 1
Gi3_27579932_x5.....gucgugggaacacggggugcAgaac..... 1

Gi2_10619500_x5.....gugggUacacggggugccg.....	1
Gi3_27632152_x5.....gucAugggaacacggggugccgaac.....	1
Gi2_10596250_x5.....cgugggaacacggggugccgUac.....	1
Gi3_27585392_x5.....aucggagacgucgugggUacacgg.....	1
Gi2_10624460_x5.....gugggaacacgAggugccg.....	1
Gi3_27598937_x5.....aucggagacgucguAggaacacgg.....	1
Gi2_10639475_x5.....gacgucgCgggaacacggggugccgaacu.....	1
Gi3_27650557_x5.....aucggUgacgucgugggaaacacggg.....	1
Gi2_10650100_x5.....aucggaAacgucgugggaaacac.....	1
Gi3_27651132_x5.....gaucggagacgucgugggaaacacggggugccga.....	0
Gi2_10595450_x5.....gugggaacacgggAugccgaa.....	1
Gi1_4002000_x5.....gugggaGcacggggugccga.....	1
Gi2_10591100_x5.....cgucgCgggaacacggggugccgaac.....	1
Gi3_27575072_x5.....Ccgucgugggaaacacggggugccgaacu.....	1
Gi1_3994265_x5.....aacacggggugccgaaAu.....	1
Gi5_8579957_x5.....gaacacggggugccgaacG.....	1
Gi2_10620865_x5.....Ucgucgugggaaacacggggugcc.....	1
Gi3_27636637_x5.....cgucAugggaacacggggugccg.....	1
Gi2_10641105_x5.....ugggaacacggggugUcgaac.....	1
Gi3_27552552_x5.....ugggaacacgAggugccgaa.....	1
Gi2_10622470_x5.....ggaCcacggggugccgaacu.....	1
Gi2_10594755_x5.....uGgugggaacacggggugc.....	1
Gi1a_5748842_x5.....gAgaacacggggugccgaacu.....	1
Gi3_27580537_x5.....cgucgugggaaacacggggUacc.....	1
Gi1_3999295_x5.....gaucggagacgucguggga.....	0
Gi2_10631380_x5.....cgUagacgucgugggaaacacggggugc.....	1
Gi2_10626295_x5.....cggagacgucgugAgaacacggggugcc.....	1
Gi2_10600580_x5.....aucggagacAucgugggaaacacggggugcc.....	1
Gi2_10623780_x5.....ucgugggCacacggggugccgaacu.....	1
Gi3_27606362_x5.....gaucggagacgucgCgggaacacg.....	1
Gi1a_5742372_x5.....cgucgugggaaacacggggugccgCacu.....	1
Gi5_8582522_x5.....gggaacCcgggugccgaacu.....	1
Gi3_27621702_x5.....gugggaacacggggugccCa.....	1
Gi2_10632805_x5.....gggaacacggggugccgaC.....	1
Gi5_8566967_x5.....cgucgugggaaacacggggugUcgaacu.....	1
Gi4_537203_x5.....ugggaacacggggugccgaGcu.....	1
Gi2_10616845_x5.....aucggagGcgucgugggaaacacg.....	1
Gi1_4006235_x5.....gggaacacggggugcUgaacu.....	1
Gi2_10645475_x5.....cgAgggaacacggggugccga.....	1
Gi3_27552087_x5.....aAcggagacgucgugggaaacacgg.....	1
Gi5_8592347_x5.....ugggaacCcgggugccgaac.....	1
Gi1a_5747237_x5.....gugggaacacggggugcAgaacu.....	1
Gi2_10634700_x5.....gucgugggaaacacggggugccgUacu.....	1
Gi1_3999855_x5.....ugggGacacggggugccgaac.....	1
Gi1_3994480_x5.....cgucgugggaaacacggggugccgaacu.....	1
Gi2_10619975_x5.....gaucggagacgucgugggaaacacggggugcc.....	1
Gi5_8579367_x5.....ggNacacggggugccgaacu.....	1

Gi2_10595445_x5.....aCcgagacgucgugggaacacggggug..... 1
Gi3_27631162_x5.....cgucguAggaacacggggugccgaac..... 1
Gi2_10602725_x5.....acgucgugggaacacggggCgc..... 1
Gi3_27609352_x5.....agacgucgugggaacacggggugccCac..... 1
Gi3_27558222_x5.....gagacgucgugggaacGcggggugccgaacu..... 1
Gi5_8593867_x5.....Ugagacgucgugggaacacggggugcc..... 1
Gi3_27553877_x5.....uGggagacgucgugggaacacggg..... 1
Gi2_10640475_x5.....guUgugggaacacggggugc..... 1
Gi3_27553002_x5.....gaucggagacgucgugggaacacggAgu..... 1
Gi3_27657422_x5.....cgucgugggaacacggAgugcc..... 1
Gi3_27606737_x5.....cgucgugggaacacggAgugc..... 1
Gi3_27629802_x5.....cgucgugggaacacggggGgccgaa..... 1
Gi3_27570557_x5.....cgugggaacacggggguAccgaa..... 1
Gi5_8574002_x5.....gugggaGcacggggugcc..... 1
Gi5_8590827_x5.....gggaacacggggugccAaac..... 1
G1a_5765337_x5.....cgugggaacaUggggugccgaacu..... 1
Gi2_10599810_x5.....aucggagacgucgugggaacacgAg..... 1
Gi3_27610897_x5.....aucggagacguGgugggaacacgggg..... 1
Gi2_10613575_x5.....ggagacguUgugggaacacggggugc..... 1
Gi2_10613490_x5.....agacgucgugggaacCcgggugcc..... 1
Gi2_10620730_x5.....ugggaacacggggugccgaUcu..... 1
Gi5_8569037_x5.....cgucguggNaacacggggugccgaac..... 1
G1a_5732142_x5.....ugggaacacggggugAcgaacu..... 1
Gi1_4003720_x5.....Ggggaacacggggugccga..... 1
Gi2_10595835_x5.....Agaacacggggugccgaa..... 1
Gi1_4013205_x5.....aacacggggugccgaacG..... 1
Gi3_27614722_x5.....gugggaacUcggggugccga..... 1
Gi3_27568507_x5.....gaucggagacgucguggCacacggg..... 1
Gi2_10635645_x5.....aaAacggggugccgaacu..... 1
Gi3_27597437_x5.....Agugggaacacggggugcc..... 1
Gi3_27563487_x5.....ggagacgucgugggaGcacggggugccg..... 1
Gi2_10624945_x5.....cgugggaacacAgggugc..... 1
Gi2_10647105_x5.....ucgugggaacacggggugccgaaAu..... 1
Gi2_10650345_x5.....aCacgucgugggaacacggggugccgaacu..... 1
Gi3_27639007_x5.....gucgugggaacacggggAgccgaac..... 1
Gi3_27555172_x5.....ucggGgacgucgugggaacacgggg..... 1
Gi3_27633727_x5.....ugggaacaUggggugccga..... 1
Gi5_8581212_x5.....gggaacacggggAgccgaacu..... 1
Gi1_3997990_x5.....aacacggggugccgaUcu..... 1
Gi3_27582067_x5.....cgugggaacacgAggugc..... 1
Gi3_27558357_x5.....aucggagacgucgugggaacacgAgg..... 1
G1a_5739467_x5.....Ucgauccgagacgucgugggaacacggg..... 1
Gi5_8586837_x5.....ggaNcacggggugccgaacu..... 1
Gi1_4004390_x5.....cgucgugggaacacggggGgcc..... 1
Gi5_8576267_x5.....guUgugggaacacggggugccgaac..... 1
Gi2_10591060_x5.....cgugggaacacggggGgccgaac..... 1
Gi1_4000235_x5.....ugggUacacggggugccgaacu..... 1

Gi2_10632920_x5.....aucggagacgucgugggaacacggggAg..... 1
 Gi3_27636997_x5.....ucgugggaacacggggugAcgaacu..... 1
 Gl1a_5765417_x5.....Agugggaacacggggugccgaacu..... 1
 Gi3_27633542_x5.....ucgugggaacaAggggugccgaacu..... 1
 Gi3_27635562_x5.....ggCaacacggggugccgaac..... 1
 Gi2_10608815_x5.....ggUgacgucgugggaacacg..... 1
 Gi2_10639275_x5.....aucggUgacgucgugggaacacggggugc..... 1
 Gi3_27623507_x5.....ggagacgCcgugggaacacggggg..... 1
 Gi2_10610430_x5.....acgucgugggaacacAgggugccgaacu..... 1
 Gi5_8578257_x5.ugUgaucggagacgucgug..... 1
 Gi5_8568832_x5.....Ugagacgucgugggaaca..... 1
 Gi2_10601305_x5.....acAucgugggaacacggggugcc..... 1
 Gi2_10601805_x5.....ucgugggaacacggggugccgGac..... 1
 Gl1a_5739392_x5.....Agagacgucgugggaacacg..... 1
 Gi5_8563977_x5.....acgucgugggaCcacggggugccgaacu..... 1
 Gi3_27551577_x5.....gaucggagacgucgugggaCcac..... 1
 Gi3_27572327_x5.....gGgacgucgugggaacacg..... 1
 Gi5_8579062_x5.....cgugggaacacgUggugccgaac..... 1
 Gi3_27572722_x5.....cgugggaacacggggugUc..... 1
 Gl1a_5735152_x5.....ggaacacggggugccgUacu..... 1
 Gi3_27570417_x5.....ggaacacAgggugccgaa..... 1
 Gi2_10646870_x5.....Cucggagacgucgugggaacacggggugcc..... 1
 Gi3_27588092_x5.....acgucgugggaGacggggugccgaacu..... 1
 Gi3_27559442_x5.....ucgugggaNcacggggugccg..... 1
 Gi2_10601530_x5.....gugggaacacggggugAcga..... 1
 Gl1_4006315_x5.....gugggaacacggggugAcgaacu..... 1
 Gl1_4015060_x5.....aGgucgugggaacacggggugcc..... 1
 Gi5_8586072_x5.....Ggggaacacggggugccgaacuu..... 1
 Gi3_27572862_x5.....cgucgugggCacacggggugcc..... 1
 Gi3_27712101_x4.....ucggGgacgucgugggaaca..... 1
 Gi2_10686635_x4.....gggaacacUgggugccgaacu..... 1
 Gi2_10690275_x4.....cgugggaacacggggugccgaacuu..... 0
 Gi5_8606935_x4.....gGgacgucgugggaacacg..... 1
 Gi5_8608747_x4.....acgucgugggaacacggggugAcgaacu..... 1
 Gi5_8604307_x4.....Cugggaacacggggugcc..... 1
 Gi3_27689197_x4.....Gggagacgucgugggaacacgggg..... 1
 Gl1_4032420_x4..gcgaucggagacgucgugggaacacggggugc..... 0
 Gl1_4020904_x4.....Gucggagacgucgugggaacacggggugcc..... 1
 Gl1a_5810754_x4.....ugggaacacggggugccgaCcu..... 1
 Gi2_10682075_x4.....gaAcggagacgucguggga..... 1
 Gi3_27682281_x4.....aucggagacgucGgggaacacggggg..... 1
 Gi4_541970_x4.....Ugaacacggggugccgaacu..... 1
 Gi3_27782153_x4.....acacggggugccAaacuu..... 1
 Gl1_4047472_x4.....gucgugggaacacggggugccga..... 0
 Gi3_27726705_x4.....gucgugggaacacggggugccgaaU..... 1
 Gi2_10675807_x4.....gaucggagacgucgugggaacacggggAgc..... 1
 Gi2_10653591_x4.....gggCacacggggugccgaacu..... 1

Gi5_8637743_x4	...gaucggagacgucgugggaacacggggugc	0
Gi3_27710817_x4	...aCacgucgugggaacacggggugccgaacu	1
Gi1_4034184_x4	...ucgugggaacacggggugccgaaA	1
Gi2_10669911_x4	...agacgucAugggaacacggggugcc	1
Gi3_27700041_x4	...cgucgugggaUacggggugcc	1
Gi5_8609507_x4	...uggaacacgAggugccgaac	1
Gi3_27700709_x4	...gggaacacggggugccgaaGu	1
Gi2_10720747_x4	...gucgugggGacacggggugc	1
Gi5_8650423_x4	...guUggaacacggggugcc	1
Gi3_27717021_x4	...agacUucgugggaacacggggugccgaac	1
Gi5_8623699_x4	...gaacacggggugccgaCc	1
Gi5_8607371_x4	...cgugggaacacgggUugccgaacu	1
Gi3_27699597_x4	...acgucgugUgaacacggggugccgaac	1
Gi3_27791561_x4	...cgucgugggaacacgAggugccg	1
Gi1_4038800_x4	...ucgCgggaacacggggugccg	1
Gi1a_5787546_x4	...uggaacacggggUaccgaacu	1
Gi3_27791701_x4	...gAgaacacggggugccgaa	1
Gi2_10668175_x4	...ucggagacgucgugggGaca	1
Gi3_27685641_x4	...Ccgagacgucgugggaacacggggugcc	1
Gi2_10663627_x4	...cggagacgucgugggaUacggggugcc	1
Gi1_4028944_x4	...ggagacgucgugggaUacggggug	1
Gi1_4039552_x4	...cgugggaacacggggCgccaacu	1
Gi2_10655259_x4	...Cgagacgucgugggaacacggggugccg	1
Gi3_27757849_x4	...cgucgugggaacacggggugcUg	1
Gi2_10654279_x4	...ggaacacgCggugccgaacu	1
Gi2_10716419_x4	...cgucgugggaacacggggAgccg	1
Gi5_8641975_x4	ugUgaucggagacgucguggga	1
Gi1a_5804558_x4	...gugggaacGcggggugccgaac	1
Gi3_27694533_x4	...agacgucgugggaGcacggggugccgaac	1
Gi1_4035276_x4	...uggaacacggAgugccgaacu	1
Gi5_8633391_x4	...agacgucgugggaacacggggGgccgaacu	1
Gi1_4018052_x4	...cggagacgNcgugggaacacggggugc	1
Gi3_27698709_x4	...acgucgugggaacacggggugcUgaac	1
Gi4_538806_x4	...gugggaacacggggGgccgaacu	1
Gi5_8614831_x4	...Augggaacacggggugccgaa	1
Gi2_10697039_x4	...acAucgugggaacacggggugccgaacu	1
Gi1_4036040_x4	...gaucggagacgucgugggaacacggggugccgaacu	0
Gi3_27787737_x4	...gagacgucgugggaacacggggC	1
Gi3_27721025_x4	...gggaacacggggugccUaac	1
Gi3_27758077_x4	...gucgugggGacacggggugccga	1
Gi3_27716829_x4	...cgucgugAgaacacggggugccgaac	1
Gi4_543682_x4	...gugggaacacggggugccgaacA	1
Gi3_27785317_x4	...gaacacggggugccgGac	1
Gi4_542922_x4	...cgugggaacacggggugccgaGcu	1
Gi1_4025240_x4	...Uugggaacacggggugccgaa	1
Gi3_27672397_x4	...uggaacacggggUaccg	1
Gi2_10652883_x4	...aucggagacgucgugggaacGcgggg	1

Gi1a_5788706_x4.....Augggaacacggggugcc..... 1
 Gi2_10678655_x4.....cgucgugggaacacggggugccgC..... 1
 Gi2_10715031_x4.....cgugggaacacgAggugc..... 1
 Gi3_27681621_x4.....aucggagacgCcgugggaacac..... 1
 Gi2_10678487_x4.....ucggagacgucgugggaacacggggC..... 1
 Gi1a_5787506_x4.....cUugggaacacggggugccg..... 1
 Gi2_10685459_x4.....aucggagacgucgugggaacacgggAu..... 1
 Gi3_27746973_x4.....cggagacgucgugggaGcacggggugcc..... 1
 Gi3_27672041_x4.....uggAaacacggggugccgaa..... 1
 Gi2_10650619_x4.....aCacgucgugggaacacggggugcc..... 1
 Gi3_27747221_x4.....Ggacgucgugggaacacgggg..... 1
 Gi4_539850_x4.....gucgGgggaacacggggugccgaaacu..... 1
 Gi2_10657419_x4.....gacgucgugggaacGcggggugccg..... 1
 Gi1_4034220_x4.....guUgugggaacacggggugcc..... 1
 Gi5_8622431_x4.....guggUaacacggggugccga..... 1
 Gi3_27686881_x4.....uGgugggaacacggggugccgaa..... 1
 Gi1a_5773834_x4.....cgugggaCcacggggugccgaaacu..... 1
 Gi2_10693271_x4.....ugggaacacgggAugccgaa..... 1
 Gi3_27766353_x4.....gucAugggaacacggggg..... 1
 Gi3_27740641_x4.....cgucgugggaGcacggggugcc..... 1
 Gi4_544010_x4.....acAucgugggaacacggggugccgaaacu..... 1
 Gi3_27727617_x4.....cgucgugggaacacggggugAc..... 1
 Gi2_10701339_x4.....Aggaacacggggugccgaa..... 1
 Gi3_27766429_x4.....agacgucgugggGcacggggugccgaaacu..... 1
 Gi2_10712855_x4.....cAgagacgucgugggaacacggggugc..... 1
 Gi3_27693133_x4.....gaacacggggugUcgaac..... 1
 Gi2_10676687_x4.....gugggaacacggggugcGgaac..... 1
 Gi1a_5792706_x4.....Aaacacggggugccgaaac..... 1
 Gi2_10688615_x4.....ucgugggaacacggggugccgaaCc..... 1
 Gi3_27753817_x4.....cgucguggAaacacggggugcc..... 1
 Gi3_27681205_x4.....gGucggagacgucguggg..... 1
 Gi2_10668207_x4.....ucgugggaacacggAgugccgaaac..... 1
 Gi3_27681253_x4.....Nacacggggugccgaaacu..... 1
 Gi3_27668329_x4.....Agggaacacggggugccg..... 1
 Gi5_8625051_x4.....Ggacgucgugggaacacggggugc..... 1
 Gi3_27704857_x4.....gacgucgugggaacacgggggAccgaaacu..... 1
 Gi4_543594_x4.....gaacacggggugccgaaac..... 0
 Gi2_10710547_x4.....ucgugggaNcacggggugccg..... 1
 Gi2_10679043_x4.....aucggagacgucgCgggaacacggggug..... 1
 Gi2_10678711_x4.....gUgacgucgugggaacacg..... 1
 Gi3_27737865_x4.....ucggagacNucgugggaacacggg..... 1
 Gi2_10725371_x4.....gucgugggaacacggggCgc..... 1
 Gi3_27679689_x4.....ggagacgucgugggaacacgggggAccg..... 1
 Gi5_8614175_x4.....aacacgUggugccgaaacu..... 1
 Gi5_8605867_x4.....ggaaAacggggugccgaaacu..... 1
 Gi2_10669831_x4.....gugggaacacgUggugcc..... 1
 Gi3_27708737_x4.....ugAgaacacggggugccg..... 1

Gi3_27661861_x4.....aucggagCcgucgugggaacacgg..... 1
Gi5_8638459_x4.....gggaaAacggggugccgaacu..... 1
Gi3_27783237_x4.....aucggagacgucgugggaacaUggggg..... 1
Gi5_8608743_x4.....aucggagacgucgugggaacCggggg..... 1
Gi3_27745049_x4.....cgugggaacaUggggugccg..... 1
Gi2_10691099_x4.....gucguAggaacacggggugcc..... 1
Gi2_10712363_x4.....cgucgugggaacacggggugccgaaUu..... 1
G1a_5811330_x4.....cUucgugggaacacggggugccgaacu..... 1
Gi5_8605439_x4.....gucguggAaacacggggugccgaacu..... 1
Gi3_27736169_x4.....ucgugCgaacacggggugccgaacu..... 1
G1l_4025284_x4.....ucgugggaUcacggggugccgaacu..... 1
Gi3_27729773_x4.....acgCcgugggaacacggggugccgaac..... 1
Gi2_10663239_x4.....Agagacgucgugggaacacggggugc..... 1
Gi3_27788673_x4.....gUcgucgugggaacacggggugccgaac..... 1
Gi3_27780785_x4.....gaucUgagacgucgugggaacacg..... 1
Gi3_27695413_x4.....Uucgugggaacacggggugccgaacuu..... 1
Gi2_10667991_x4.....uCggaacacggggugccga..... 1
G1l_4019672_x4.....gGucggagacgucgugggaacac..... 1
Gi2_10712459_x4.....gaucggagacgucgugggaacacggggGgcc..... 1
Gi2_10722015_x4.....gugggaacacgggAugccg..... 1
Gi2_10663799_x4.....cgAgggaacacggggugccgaa..... 1
G1l_4031712_x4.....ucguUggaacacggggugcc..... 1
Gi2_10715431_x4.....gUcgucgugggaacacggggugccgaacu..... 1
G1l_4022344_x4.....aucggagacgucgugggaU..... 1
Gi2_10700139_x4.....acgucgugggaacacggggugccgaaAu..... 1
Gi5_8618463_x4.....gugggaCcacggggugccgaac..... 1
Gi2_10677415_x4.....aacacggggugccgaUcu..... 1
Gi2_10684399_x4.....ggaacacgNggugccgaa..... 1
Gi5_8624335_x4.....agacAucgugggaacacggggugccgaacu..... 1
Gi2_10663963_x4.....gaucggagacgucgugggUacac..... 1
Gi2_10676187_x4.....cggagacgucgugggaGcacggggugc..... 1
Gi2_10664399_x4.....ucgugggaacacggggUaccg..... 1
Gi2_10714491_x4.....guNggaaacacggggugccgaac..... 1
Gi3_27660885_x4.....ugggUacacggggugccg..... 1
G1a_5789090_x4.....cgugggaacacggggGgccgaacu..... 1
Gi5_8638359_x4.....cgucguggAaacacggggugccgaacu..... 1
Gi2_10677459_x4.....ggagacgucguAggaacacggggugc..... 1
Gi4_544670_x4.....gggaacacggggugccgaacA..... 1
Gi3_27752181_x4.....gugggaacacgggCugccgaac..... 1
Gi3_27714361_x4.....gaucggagacgucAugggaacacggg..... 1
Gi2_10658047_x4.....cgugggaacacgggAugc..... 1
Gi2_10673451_x4.....gugggaacUCggggugcc..... 1
Gi3_27706781_x4.....gugggaacacgCggugccga..... 1
Gi3_27662081_x4.....ggagGcgucgugggaacacg..... 1
Gi3_27675697_x4.....auUggagacgucguggga..... 1
G1l_4040904_x4.....aUacgucgugggaacacgggg..... 1
Gi3_27680529_x4.....acgucgugggCacacggggugcc..... 1

Gi2_10655647_x4.....aucggagacgucgugggacC.....	1
Gi4_538762_x4.....ggaacacggggugccgaacA.....	1
Gi3_27718185_x4.....gGacacggggugccgaacuu.....	1
Gl1a_5775038_x4.....Uacgucgugggaaacacggggugccgaacu.....	1
Gi2_10720983_x4.....auUggagacgucgugggaaacacg.....	1
Gl1a_5782854_x4.....aucggagacgucgugggGacacggg.....	1
Gi2_10665791_x4.....acgucgugggaaAacggggugcc.....	1
Gi5_8606687_x4.....cgugggaaacaUggggugccgaac.....	1
Gi2_10668551_x4.....uggaaacacgggCugccgaac.....	1
Gi1_4031656_x4.....aUacgucgugggaaacacggggugccgaac.....	1
Gi5_8649291_x4.....aaGacggggugccgaacu.....	1
Gi2_10660951_x4.....aucggagacgucgugggaaCcggggugc.....	1
Gi5_8647759_x4.....ucgCgggaacacggggugccgaac.....	1
Gi3_27789473_x4.....ucgNgggaacacggggugccgaacu.....	1
Gi3_27768413_x4.....aAcggagacgucgugggaaacac.....	1
Gi3_27741437_x4cugcgauccggagacgucgugggaaacacggggug.....	0
Gi3_27670713_x4.....uggaaacacgggGgcccga.....	1
Gi1_4036552_x4.....cggagacgucgugggGacacggggugcc.....	1
Gi3_27760317_x4.....cgucgugggaaacacggggugcA.....	1
Gi3_27756609_x4.....gggaacaUggggugccgaa.....	1
Gi3_27676801_x4.....gucgugggaaacacAgggugcc.....	1
Gi3_27742317_x4.....gaCcgagacgucgugggaaaca.....	1
Gi1_4047696_x4.....ggaacacgggguUccgaacu.....	1
Gi3_27788373_x4.....ugggCacacggggugccga.....	1
Gl1a_5776970_x4.....gUagacgucgugggaaaca.....	1
Gi3_27680781_x4.....Cucggagacgucgugggaaacacgg.....	1
Gi1_4035844_x4.....acgucgugggaaacacgAggugccgaacu.....	1
Gi4_542842_x4.....acgucgugNgaacacggggugccgaacu.....	1
Gi3_27794153_x4.....aucggagacgucgugggGacacgggg.....	1
Gi2_10713967_x4.....agacgucgNgggaacacggggugccg.....	1
Gi3_27783429_x4.....cguUgugggaaacacggggugc.....	1
Gi3_27684109_x4.....cggagGcgucgugggaaacacggggg.....	1
Gi3_27749925_x4.....aucggagacgucgugggaaacacggggugcA.....	1
Gi2_10655827_x4.....agUcgucgugggaaacacggggugc.....	1
Gi2_10711519_x4.....aucggagaNgucgugggaaacacgg.....	1
Gi2_10679671_x4.....gaGcggagacgucgugggaaacacg.....	1
Gi2_10702351_x4.....gucgCgggaacacggggugcc.....	1
Gi2_10693239_x4.....ugggUacacggggugccgaac.....	1
Gi3_27796145_x4.....ucgugggGacacggggugccgaa.....	1
Gi2_10682655_x4.....aucggagacgucUugggaaca.....	1
Gl1a_5772646_x4.....cUgagacgucgugggaaacacgg.....	1
Gi2_10714919_x4.....aucggagacgucgugggaaacCcggggug.....	1
Gi2_10683851_x4.....cgucgugggaaacacggggGg.....	1
Gl1a_5775066_x4.....uggaaacacggggugccgaac.....	0
Gi4_543830_x4.....Uaacacggggugccgaacu.....	1
Gi3_27730721_x4.....guUgugggaaacacggggugc.....	1
Gi2_10719719_x4.....cguggAaacacggggugcc.....	1

Gi2_10679871_x4.....ugggaacaAggggugccgaacu..... 1
 Gi3_27664669_x4.....cgugggaacacgggAugccgaa..... 1
 Gi2_10722871_x4.....gugggaacaUggggugccga..... 1
 Gi1_4035880_x4.....Gcggagacgucgugggaacacg..... 1
 Gi1_4034680_x4.....Gcgugggaacacggggugccg..... 1
 Gi1_4040048_x4.....acgucgugggaacacggggugccgGacu..... 1
 Gi2_10710191_x4.....gggaacacggggugGcgaacu..... 1
 Gi2_10718943_x4.....guggCaacacggggugccg..... 1
 Gi2_10681079_x4.....cgucgugggaacacAgggugccg..... 1
 Gi5_8609343_x4.....gGcucgugggaacacggggugccg..... 1
 Gi3_27784761_x4.....aucggagacgucGgggaacacggg..... 1
 Gi2_10655055_x4.....cggauacgucgugggaacacggggugc..... 1
 Gi1_4034068_x4.....gggaacacggggugccgaacAu..... 1
 Gi4_544682_x4.....gugggaacacggggugcc..... 0
 Gi2_10666899_x4.....gacgCcgugggaacacggggugcc..... 1
 Gi3_27703777_x4.....Uacgucgugggaacacggggugccgaa..... 1
 Gi2_10713587_x4.....gucgugggaacaUggggugccgaac..... 1
 Gi3_27692653_x4.....cgucgugggCacacggggugccgaacu..... 1
 Gi2_10659323_x4.....aucggagCcgucgugggaacacggggugcc..... 1
 Gi3_27768137_x4.....aucggUgacgucgugggaacacggggg..... 1
 Gi3_27659185_x4.....gCacacggggugccgaac..... 1
 Gi3_27728941_x4.....aucggagacgucgugggaacacAgggugc..... 1
 Gi4_541694_x4.....cgucgugggaacacggggGgccga..... 1
 Gi3_27744237_x4.....acgucgugggaacacggggugccgGac..... 1
 Gi3_27750213_x4.....aUacgucgugggaacacggggugccgaa..... 1
 Gi1_4027332_x4.....uGgugggaacacggggugc..... 1
 Gi2_10720291_x4..Ucgauccgagacgucgugggaaca..... 1
 Gi3_27756501_x4.....aucggagacgucgugggCacacggggugcc..... 1
 Gi2_10702943_x4.....aucggagacgucgugAgaacac..... 1
 Gi2_10696771_x4.....gCacacggggugccgaacu..... 1
 Gi2_10688631_x4...gUucggagacgucgugggaacacg..... 1
 Gi3_27771653_x4.....gggGacacggggugccga..... 1
 Gi1_4043712_x4.....cgucgugggaacacggggugccgaaUu..... 1
 Gi1_4018832_x4.....acUucgugggaacacggggugccgaacu..... 1
 Gl1a_5774446_x4.....gucgugggNacacggggugccgaacu..... 1
 Gi5_8624251_x4.....gacgucgCgggaacacggggugccgaacu..... 1
 Gi2_10693883_x4.....gucgugggaacacggAgugccgaac..... 1
 Gi3_27726681_x4.....ucgugggaacCggggugccg..... 1
 Gi3_27786137_x4.....Gggagacgucgugggaacacg..... 1
 Gi2_10653783_x4.....gAgggaacacggggugccgaa..... 1
 Gi5_8648859_x4.....cgugggaacacggggugccgaaU..... 1
 Gi2_10689999_x4.....cAugggaacacggggugccgaa..... 1
 Gi3_27743201_x4.....cgucgugggaacacgggAugc..... 1
 Gi1_4036300_x4...Uaucggagacgucgugggaacacggggg..... 1
 Gi2_10660843_x4.....gggaacacgggggUccgaacu..... 1
 Gi1_4038824_x4.....acgucgugggaacCggggugccgaacu..... 1
 Gi3_27743773_x4.....acguAgugggaacacggggugccgaacu..... 1

Gi3_27750069_x4.....agacgucgugggaacGcggggugccga..... 1
Gi5_8631911_x4.....agacgucgugggaacacggggugccAaacu..... 1
Gi3_27708269_x4...gaucggagGcgucgugggaacacg..... 1
Gi3_27724069_x4.....ggagGcgucgugggaacacggggu..... 1
Gi3_27782029_x4.....uUggagacgucgugggaacacggggugcc..... 1
Gi3_27670845_x4.....cggagacgucgugggaGcacggg..... 1
Gi5_8618343_x4.....cgucgugggaacacggggugccgaacG..... 1
Gi2_10693675_x4.....uCGgaacacggggugccgaa..... 1
Gi3_27661253_x4.....gaUgucgugggaacacggg..... 1
Gi2_10674867_x4...aucggagacgucgugggaacacggAgugcc..... 1
Gi3_27679521_x4...gaucggagacgucgugggGacacg..... 1
Gi2_10663879_x4...gaucggagacgCcgugggaacacggggugc..... 1
Gi3_27771669_x4.....ggaacacggggugGcgaac..... 1
Gi5_8647267_x4.....Agggaacacggggugccgaac..... 1
Gi2_10653691_x4.....Cgagacgucgugggaacacggggug..... 1
Gi1_4039560_x4.....aacacggCgugccgaacu..... 1
Gi2_10664675_x4...Gucggagacgucgugggaacacgg..... 1
Gi2_10666823_x4.....ggagacgucgugggaacacggggCgc..... 1
Gi5_8622631_x4.....cgucgugggaacacgAggugccgaacu..... 1
Gi2_10717987_x4...gaCcgagacgucgugggaacac..... 1
Gi2_10708887_x4.....agacgucgugggaacacggggugccgaGcu..... 1
Gi3_27777709_x4.....ugggaacacggggugcAga..... 1
G1a_5803606_x4.....ggaaUacggggugccgaacu..... 1
Gi3_27763373_x4.....gucgugggaacacggggugUcgaac..... 1
G1a_5792278_x4...Ggaucggagacgucgugg..... 1
Gi2_10712563_x4.....ggagacgucgugggaacacggggAgcc..... 1
Gi2_10680359_x4.....acgucAugggaacacggggugccgaacu..... 1
Gi4_543106_x4.....Cugggaacacggggugccgaacu..... 1
Gi2_10652051_x4.....cgugggaCcacggggugccgaac..... 1
Gi3_27669081_x4.....cgugggaacaUggggugc..... 1
Gi5_8609639_x4.....Agggaacacggggugccgaa..... 1
Gi3_27751249_x4.....agacgucgugggaacacggggugccgGacu..... 1
Gi5_8629475_x4.....gugggaacacggggugcAgaac..... 1
Gi1_4036720_x4.....ugggaacacggggugccAaac..... 1
Gi3_27780277_x4.....gUcgucgugggaacacggg..... 1
Gi5_8617719_x4.....agacgucgugggaacacggggugccgaGcu..... 1
Gi5_8623475_x4.....gaacaGggggugccgaacu..... 1
G1a_5771386_x4...cgUucggagacgucgugg..... 1
Gi1_4020984_x4.....acgucgugggaacacggggugcAg..... 1
Gi3_27749517_x4.....acguUgugggaacacggggugccgaac..... 1
Gi3_27694661_x4.....ggagacgucgugggGacacg..... 1
Gi5_8649775_x4...aucgUagacgucgugggaacacg..... 1
Gi3_27666805_x4.....gugggaacacggggugccUaa..... 1
Gi1_4041324_x4.....Ggggaacacggggugccg..... 1
Gi3_27700957_x4.....cgucgugggaacaUggggugc..... 1
Gi1_4028512_x4.....aGgucgugggaacacggggugccg..... 1
Gi3_27696297_x4...gaucggagacgucgCgggaacacgggg..... 1

Gi3_27700981_x4.....ggCacacggggugccgaac..... 1
G1a_5769530_x4.....cgCgggaacacggggugcc..... 1
Gi2_10716187_x4.....ggagacgucgugggaGcacggggugc..... 1
Gi2_10709723_x4.....gaucggagacgucgugggGaca..... 1
Gi3_27784989_x4.....cgucgugggaacacggggugccGUacu..... 1
Gi2_10687223_x4.....ugggaacacggggAgccgaac..... 1
Gi2_10681247_x4.....cggagacgucgugggaacacggggugccgaa..... 0
Gi3_27691109_x4.....gAagacgucgugggaacacggggugcc..... 1
G11_4028444_x4.....Ugugggaacacggggugccgaac..... 1
G1a_5787258_x4.....cAugggaacacggggugccgaacu..... 1
Gi2_10678979_x4.....gggaacacCggggugccgaacu..... 1
Gi3_27690821_x4.....ucggagacgucgugggaacacggggC..... 1
Gi2_10664023_x4.....aUacgucgugggaacacggggugccga..... 1
Gi5_8641103_x4.....cGcggggugccgaacuuu..... 1
Gi2_10658199_x4.....cggagacgucguggAaacacggggugcc..... 1
G11_4020016_x4.....gggaacaAggggugccgaacu..... 1
Gi3_27677557_x4.....gaucggagacgucgugggaacacAgg..... 1
Gi2_10683087_x4.....gggaacacggggUugccgaacu..... 1
Gi3_27757225_x4.....ucggagacgucgugggaacacggggAgcc..... 1
Gi3_27733157_x4.....cgucguUggaacacggggugccgaacu..... 1
Gi3_27767317_x4.....gaucggagacgucgugggaacacAggg..... 1
Gi5_8627811_x4.....ugggaacacggggCugccgaac..... 1
Gi2_10658539_x4.....ugggaacacggggGgccgaac..... 1
Gi3_27756629_x4.....aucggagacgAcgugggaacacggggg..... 1
Gi5_8603019_x4.....cgugggaacacCggggugccgaacu..... 1
G11_4035496_x4.....gggaacacggggugAcgaacu..... 1
Gi2_10712927_x4.....cgucgugggaacacgggggUaccg..... 1
Gi3_27671633_x4.....gggaacacggggugAcgaa..... 1
Gi2_10676559_x4.....gacgucgugggaCcacggggugccgaacu..... 1
Gi3_27670061_x4.....gNgggaacacggggugccgaacu..... 1
Gi2_10682939_x4.....ucggagacgucgugggaacGcggggugc..... 1
Gi3_27694593_x4.....cgugAgaacacggggugc..... 1
G1a_5776298_x4.....aacacggggugccAaacu..... 1
G1a_5772950_x4.....cgugUgaacacggggugcc..... 1
Gi2_10686883_x4.....gugggaacacggggugccGg..... 1
Gi2_10651807_x4.....ugggaacaGggggugccgaacu..... 1
Gi5_8611779_x4.....gugggaacacggggGgccga..... 1
G1a_5783022_x4.....gugggaacacggggCgcc..... 1
Gi2_10723243_x4.....gaacGcggggugccgaac..... 1
G11_4032256_x4.....cUugggaacacggggugcc..... 1
Gi3_27708985_x4.....ggagacgucgCgggaacacggggugcc..... 1
Gi3_27778029_x4.....ggagacguNgugggaacacggggg..... 1
G11_4039688_x4.....cgugggaaNacggggugccga..... 1
Gi3_27659837_x4.....Gcggagacgucgugggaaca..... 1
Gi3_27763197_x4.....aacGcggggugccgaacuu..... 1
Gi5_8629723_x4.....cgugggaacacgggggUcccgaacu..... 1
G11_4029108_x4.....Aaacacggggugccgaac..... 1

Gi1_5773222_x4.....aucggagacgucgugggaacacggggugccgaacu.....	0
Gi2_10708987_x4.....ggagacgucgugggaCacggggugcc.....	1
Gi2_10706099_x4....gaucggagacgucgugggCacacg.....	1
Gi5_8625791_x4.....cgugggaacacggggugccAaac.....	1
Gi1_4033888_x4.....ugggaacacUgggugccgaacu.....	1
Gi3_27696041_x4.....cgugggaacacggggAgccga.....	1
Gi5_8643723_x4.....acgucgAgggaacacggggugccgaacu.....	1
Gi1_4042664_x4.Ggcgaucggagacgucguggga.....	1
Gi2_10694191_x4.....aAacgucgugggaacacggggugccgaacu.....	1
Gi3_27674365_x4.....gaacacggggugccgaaA.....	1
Gi5_8617403_x4.....gUagacgucgugggaaca.....	1
Gi2_10676867_x4....aucggagUcgucgugggaacacggggu.....	1
Gi1_4041360_x4.....gaaNacggggugccgaacu.....	1
Gi2_10691555_x4.....cggagacgucgugggaacaUggggugcc.....	1
Gi4_539354_x4.....aUacgucgugggaacacggggugccgaacu.....	1
Gi5_8622475_x4.....cgugggaacacgAggugccgaac.....	1
Gi3_27747437_x4.....ugggaacacggCgugccgaac.....	1
Gi2_10722283_x4.....ucggagacgucAugggaacacggggugc.....	1
Gi2_10666047_x4....aucggagacgucgugAgaacacggggugcc.....	1
Gi5_8614939_x4....aucggagaNgucgugggaacacg.....	1
Gi3_27666501_x4.....ggagacgucgugggaacacggggGgcc.....	1
Gi2_10665959_x4.....ugggaacacggAgugccg.....	1
Gi1_4024168_x4.....gugggaacNcggggugccg.....	1
Gi2_10655223_x4....aucAgagacgucgugggaacacggg.....	1
Gi1_4017984_x4.....gggaacacggggugccgaa.....	0
Gi3_27723269_x4....cUgagacgucgugggaacacggggugccgaacu.....	1
Gi3_27669909_x4....aucggagacgucAugggaacacgggg.....	1
Gi5_8622655_x4.....gugggaacacggggugAcgaaac.....	1
Gi2_10697299_x4....aucggagCcgucgugggaacacggg.....	1
Gi2_10684231_x4.....gugggaacaAggggugccgaa.....	1
Gi1_4027448_x4.....ggaacaUggggugccgaac.....	1
Gi2_10678207_x4.....cgugggaacUcggggugcc.....	1
Gi3_27685129_x4.....Ugacgucgugggaacacggggugccgaacu.....	1
Gi5_8621247_x4.....uAgugggaacacggggugccgaacu.....	1
Gi5_8604779_x4.....uUgugggaacacggggugccgaac.....	1
Gi1_5812278_x4.....gugggaacGcggggugccga.....	1
Gi2_10654827_x4.....cgucgugggaacacggggAgcc.....	1
Gi2_10657707_x4.....agacgucgugggaacacggggugccgGacu.....	1
Gi3_27738965_x4.....ucgNgggaacacggggugccgaac.....	1
Gi2_10717167_x4.....acgucgugNgaacacggggugccg.....	1
Gi1_4028704_x4.....gggaacacggggugccgUacu.....	1
Gi3_27788965_x4.....gacgucgugggaacGcggg.....	1
Gi2_10700615_x4.....agacgucgugggaacacggggugcUgaacu.....	1
Gi2_10660671_x4....gaucUgagacgucgugggaacacggggug.....	1
Gi5_8620015_x4.....gucgugggaacacggggugAcgaaacu.....	1
Gi5_8630143_x4.....ucgNgggaacacggggugccgaacu.....	1
Gi2_10713743_x4.....gacgucgugggaacacggggGgcc.....	1

Gi3_27729553_x4.....cgucgugggaacacggggAgccg..... 1
 Gi3_27716193_x4....aucggagacgucgugggaacCc..... 1
 Gi3_27781861_x4....aucggagacgucgugggaacacggggugAc..... 1
 Gi5_8635335_x4.....Ngugggaacacggggugccgaacu..... 1
 Gi5_8621383_x4.....gacgucgugggaacacggggCgcccgaacu..... 1
 Gi2_10691983_x4.....ugAgaacacggggugccga..... 1
 Gi1_4046432_x4.....ucgugggaacacggggGgcccgaac..... 1
 Gi5_8606787_x4.....gugAgaacacggggugccgaac..... 1
 Gi2_10656135_x4....gaucggagacgucgCgggaacacg..... 1
 Gi2_10679827_x4.....gaacacggggugGcgaacu..... 1
 Gi2_10678563_x4.....cgagacgucgugggaacacggggugcU..... 1
 Gi2_10688163_x4....gaucggagacgucgCgggaacacggggug..... 1
 Gi3_27700353_x4.....gacgucgugggaCcacggggugccgaacu..... 1
 Gi2_10707471_x4....gaucggagacgucgugggaacGc..... 1
 Gi2_10708919_x4.....ggCacacggggugccgaacu..... 1
 Gi2_10681047_x4.....ucUugggaacacggggugccg..... 1
 Gi2_10653319_x4.....acgucgugggCacacggggugc..... 1
 Gi3_27754081_x4.....guUugggaacacgggggu..... 1
 Gi5_8603663_x4.....ucgugggaacacggggugccgaGc..... 1
 Gi3_27762549_x4.....acgNcgugggaacacggggugccgaacu..... 1
 Gi2_10708443_x4.....cgucgugggaacacAgggugccga..... 1
 Gi3_27687213_x4.....gagGcgucgugggaacacggggugccgaac..... 1
 Gi1_4029492_x4.....Ugagacgucgugggaacacggggug..... 1
 Gi3_27663717_x4....gaucggagacgucgugggaacacA..... 1
 Gi5_8604019_x4.....ugggaacacggggugccAaa..... 1
 Gi3_27662149_x4.....cgugggaacacggggugccCaacu..... 1
 Gi3_27697785_x4.....gacgucguAggaacacggggugccgaacu..... 1
 Gi1_4037488_x4.....ggagacgucgugggaacacggggugccgaac..... 0
 Gi1_4019344_x4....aucggagacgucgugggaaca..... 0
 Gl1_5767646_x4.....cgugggaacacggggguAccgaacu..... 1
 Gi2_10660479_x4....aucggagacgucgugggCacacgg..... 1
 Gi1_4039732_x4.....ugggaacacggAgugccgaac..... 1
 Gi5_8648679_x4.....gaaAacggggugccgaacu..... 1
 Gi1_4047268_x4.....ggagacgCcgugggaacacggggugcc..... 1
 Gi2_10718503_x4.....aacacggUgugccgaacu..... 1
 Gi3_27739449_x4.....cgucgugggaacacggUgugccgaacu..... 1
 Gi3_27772421_x4.....ggNaacacggggugccgaacu..... 1
 Gi5_8635359_x4.....gCgaacacggggugccgaac..... 1
 Gi2_10701731_x4.....cgugggaacacggggugccAaa..... 1
 Gi2_10666131_x4.....gggaaAacggggugccgaac..... 1
 Gi2_10656443_x4.....ucgGgggaacacggggugccgaac..... 1
 Gi1_4032672_x4.....gaacacggggugGcgaacu..... 1
 Gi2_10689119_x4.....ucgugggaacacggggugcAgaac..... 1
 Gi4_538718_x4.....gacgucgugggaacacggggugccgaacuuu..... 0
 Gl1_5786810_x4.....cgugggaacacggggugccgaCc..... 1
 Gl1_5800046_x4....aucggagGcgucgugggaacacggg..... 1
 Gi3_27724525_x4.....cgagacgNcgugggaacacggggugc..... 1

Gi3_27771821_x4...Ggaucggagacgucguggg..... 1
Gi2_10666675_x4.....gugggaCcacggggugccgaa..... 1
G1a_5788794_x4....aucggagacgucgAgggaacacggggg..... 1
Gi2_10708799_x4....aucggagaUgucgugggaacac..... 1
Gi3_27717725_x4.....cgucgugggaaAacggggg..... 1
Gi2_10657643_x4.....gacguUgugggaaacacggggg..... 1
Gi3_27778977_x4.....cgugggaacacggAgugcc..... 1
Gi2_10722395_x4.....ugNgaacacggggugccgaaacu..... 1
Gi2_10715947_x4....aucggagacAucgugggaacacgggggugc..... 1
Gi2_10681195_x4.....cgucgugggaaUacggggugccgaa..... 1
Gi2_10712395_x4.....gacgCcgugggaaacacggggugccgaaacu..... 1
Gi1_4042292_x4.....cgugggaaacacggggugccgC..... 1
Gi2_10670675_x4....gaucggagNcgucgugggaaacac..... 1
Gi3_27666293_x4.....cgugggaaacacgUggugccgaa..... 1
Gi1_4026088_x4.....ugggaacacggggugccgGac..... 1
Gi5_8649447_x4.....acgucgugggaaAacggggugccgaaacu..... 1
Gi5_8617687_x4.....ggaacacggggugccgaGc..... 1
Gi5_8607575_x4.....gucgugggNacacggggugccgaaac..... 1
Gi4_540638_x4.....cAugggaacacggggugccgaaacu..... 1
Gi2_10696751_x4.....cgAcgugggaaacacggggugcc..... 1
Gi5_8611951_x4.....ugggaacacUgggugccgaaacu..... 1
Gi5_8604567_x4.....gucgugggaaacacggggugccgaaUu..... 1
Gi2_10686083_x4.....cCugggaaacacggggugccgaa..... 1
G1a_5775102_x4....aucggagaNucgugggaaacacggg..... 1
Gi3_27707389_x4....gaucggagacgCcgugggaaacacggggg..... 1
Gi2_10688691_x4....Caucggagacgucgugggaaacacgggg..... 1
Gi3_27678173_x4.....acgucAugggaacacggg..... 1
Gi2_10661295_x4.....gugggaaacacggggugccU..... 1
Gi5_8604559_x4.....agacgucguAggaaacacggggugccgaaacu..... 1
Gi1_4024348_x4.....gacgucgugggaaacacggggGgccgaaacu..... 1
Gi3_27715657_x4.....gugggaaacacggggugcGga..... 1
Gi1_4025724_x4.....aCcacggggugccgaaacu..... 1
Gi1_4039392_x4....auUggagacgucgugggaaacacggggugcc..... 1
Gi3_27769929_x4.....cgucgugggaaacacgAggugcc..... 1
Gi1_4038064_x4.....uAggaaacacggggugccgaaac..... 1
Gi3_27735993_x4.....ucgugggaGcacggggugccg..... 1
Gi3_27690457_x4....gaucggagacAucgugggaaacacg..... 1
G1a_5771934_x4.ugcgauccggagacgucgugggaaacacggggg..... 0
Gi2_10697007_x4.....ugggaaacacggggugccAa..... 1
Gi1_4024244_x4.....gucgGgggaaacacggggugccgaaacu..... 1
Gi2_10653491_x4.....cgugggaaacacggAgugccga..... 1
Gi2_10668115_x4....gaucAgagacgucgugggaaacacggg..... 1
Gi3_27713849_x4...Ggaucggagacgucgugggaaacacggggugcc..... 1
Gi2_10657403_x4.....gacgucgugggaaacacggggugcAgaacu..... 1
Gi2_10679019_x4.....ucgugggaaacacUgggugccgaaac..... 1
Gi2_10713623_x4....aucggCgacgucgugggaaacac..... 1
Gi2_10660043_x4....ucggagacNucgugggaaacacgggg..... 1

Gi2_10678603_x4.....aucggagacgucgugggaGcacggggug..... 1
 Gi3_27692733_x4.....gacgucgAgggaacacggggugccgaacu..... 1
 Gi1_4025908_x4.....cgugggaaNacggggugccgaac..... 1
 Gi3_27710389_x4...gaucggagacgucgugggaacacggggGgc..... 1
 Gi3_27779025_x4.....cgagacgNcgugggaacacgggg..... 1
 Gi3_27666957_x4.....ggaaUacggggugccgaa..... 1
 Gi3_27707805_x4.....aucggagacgucGgggaacacgggg..... 1
 Gi3_27734585_x4.....aGacggggugccgaacu..... 1
 Gi3_27780521_x4.....aucggagacgucgugggaAacggg..... 1
 Gi1_4047116_x4.....Ncgugggaacacggggugccgaacu..... 1
 G1a_5793330_x4...aucggagaNgucguggga..... 1
 Gi3_27665753_x4.....gagacgucGgggaacacgggg..... 1
 Gi2_10706939_x4.....aacNcggggugccgaacu..... 1
 G1a_5786962_x4...aucggagacgucgugggaacGcgggg..... 1
 Gi3_27795205_x4.....cgugggaacacggggGgccgaa..... 1
 Gi3_27697221_x4.....cguUgugggaacacggggugccgaac..... 1
 G1a_5771198_x4...aGcggagacgucgugggaacacggggugc..... 1
 Gi5_8608435_x4...aucggagacgucgugggaCcacgggg..... 1
 Gi3_27770185_x4.....ugggaacacggggugGcga..... 1
 Gi2_10663883_x4.....acgucgugggaacacggggGgccgaac..... 1
 Gi5_8649595_x4...aucggagacgucgugggaGcacg..... 1
 Gi3_27701465_x4.....gucgugggNacacggggugccga..... 1
 Gi3_27777973_x4.....ucggagacNucgugggaacac..... 1
 Gi3_27752597_x4.....ucggagacgucgugggaGcacg..... 1
 Gi5_8631799_x4...auUggagacgucgugggaacacgggg..... 1
 Gi3_27776133_x4.....ucguUggaacacggggugccg..... 1
 Gi2_10704323_x4.....acgucgugggaacacggggugccgaUc..... 1
 Gi2_10653139_x4...aCcgagacgucgugggaacacggg..... 1
 Gi2_10700367_x4.....gagGcucgugggaacacggggugc..... 1
 Gi2_10702883_x4...gaucggagacgucgugggaacacgggAu..... 1
 Gi1_4031264_x4.....aacacggggugAcgaacu..... 1
 Gi3_27695501_x4.....ggAaacacggggugccga..... 1
 Gi2_10710563_x4.....ugggaacCcgggugccga..... 1
 Gi3_27795073_x4...aucggagacgucgugAgaacacgggg..... 1
 Gi3_27756937_x4...aucggagacgucgugAaacacggggugccga..... 1
 Gi2_10669555_x4...aucggagacgucGgggaacacg..... 1
 Gi5_8622043_x4.....gggaacacgUggugccgaacu..... 1
 Gi5_8605147_x4.....uAggaacacggggugccgaa..... 1
 Gi3_27702717_x4.....ucgugggaacacggggugccgUac..... 1
 Gi3_27698393_x4...aUgucgugggaacacggggugcc..... 1
 Gi1_4031496_x4.....ugggaacacggggugccgaacAu..... 1
 Gi1_4023168_x4.....gucgugggaacacggggugccAaacu..... 1
 Gi2_10657831_x4...aucggagacgucgugggCcacggggug..... 1
 Gi3_27716605_x4.....ugggaacacggggUcccgaac..... 1
 Gi5_8617675_x4...cgugggaacacggggCgccgaac..... 1
 Gi5_8641743_x4.....gugggaacCcgggugcc..... 1
 Gi2_10689127_x4...gauUggagacgucgugggaacacggggugc..... 1

Gi5_8624767_x4.....aucggagaNgucgugggaacacggggu..... 1
 Gi3_27707665_x4.....cgucUugggaacacggggugccga..... 1
 Gi5_8634123_x4.....cgucguggNaacacggggugc..... 1
 Gi3_27778497_x4.....aucggagacgucgugUgaacacg..... 1
 Gi2_10671239_x4.....gaucggagacgucgugggaacG..... 1
 Gi3_27781837_x4.....acAucgugggaacacggggugccgaac..... 1
 Gi1_4036740_x4.....gGcugcuggggaacacggggugccg..... 1
 Gi2_10651315_x4.....gggaacacggggugccgaG..... 1
 Gi3_27691521_x4.....cgucgugggaGacggggugccgaacu..... 1
 Gi2_10680863_x4.....gagacgucguggggaacGcggggug..... 1
 Gi2_10691303_x4.....cgugggaGcacggggugc..... 1
 Gi5_8643479_x4.....ggaacacgCggugccgaacu..... 1
 Gi2_10655843_x4.....gugggaacacggggugccUaac..... 1
 Gi3_27756909_x4.....ggaacacggggugcUgaa..... 1
 Gi1_4025728_x4.....ucgCgggaacacggggugccgaac..... 1
 Gi3_27687029_x4.....cgugggaacacggggGgc..... 1
 Gi2_10714363_x4.....gggaacaAggggugccgaac..... 1
 Gi5_8639555_x4.....cgucguggggaacacggggGgcc..... 1
 Gi3_27752789_x4...cgUucggagacgucgugggaacacggggu..... 1
 Gi3_27703125_x4.....gucguggggaacGcggggugc..... 1
 Gi3_27729933_x4.....cgucguggggaacacggAgugccgaac..... 1
 Gi2_10722551_x4.....cguAggaacacggggugcc..... 1
 Gi2_10686547_x4.....ucgugggaGcacggggugccg..... 1
 Gl1_5807754_x4.....gugggaacacggggGgcc..... 1
 Gi3_27785525_x4.....gucgugggGacacggggugcc..... 1
 Gi2_10718483_x4.....gugggaacacggggugcUgaa..... 1
 Gi3_27793241_x4.....gugggaUcacggggugccga..... 1
 Gi2_10667583_x4...gGucggagacgucgugggaac..... 1
 Gi3_27705125_x4.....gggaacacggggugGcgaacu..... 1
 Gi2_10684815_x4.....aucggagacguUgugggaacac..... 1
 Gl1_5801690_x4.....cgugggaacacgggAugccgaacu..... 1
 Gi3_27790425_x4.....cgugggaacCcggggugccgaa..... 1
 Gi1_4033860_x4.....guggCaacacggggugccgaacu..... 1
 Gi3_27720185_x4.....cgugggaacacggggugccgU..... 1
 Gi2_10718983_x4...gaucggagacgucgugggaUacggg..... 1
 Gi1_4043060_x4.....aucggagacgucgugggaacacggggug..... 0
 Gi3_27712817_x4.....aucgCagacgucgugggaacacggg..... 1
 Gi3_27669709_x4.....aucggagacgucgugggaacacgCg..... 1
 Gi3_27726041_x4.....cUgagacgucgugggaacacggggugccg..... 1
 Gi1_4019580_x4.....gugggaacacggggCgcc..... 1
 Gi1_4043696_x4.....cgucguggggaacacggggugccgGacu..... 1
 Gi3_27776897_x4.....cgucguAggaacacggggugccg..... 1
 Gi3_27760709_x4.....aucggagacgucgugggaacCcggggugcc..... 1
 Gi3_27774305_x4.....Gcugcuggggaacacggg..... 1
 Gi2_10708903_x4.....gugggaacacgggguUccgaac..... 1
 Gi2_10703519_x4.....Agucguggggaacacggggugcc..... 1
 Gi2_10677851_x4.....ucgugggaacacggggCgccgaa..... 1

Gi2_10683771_x4.....aucggagacgucgugAgaacacggg.....	1
Gi1_4044024_x4...cgaucggagacgucgugg.....	0
Gi2_10700199_x4....gaucUgagacgucguggga.....	1
Gi2_10654643_x4.....ugggaacacggggugccA.....	1
Gi1_4025196_x4.....ggaacacggggCgccgaac.....	1
Gi1_4023196_x4.....gucgugggaacGcggggugccgaacu.....	1
Gi2_10683543_x4.....agacgucgCgggaacacggggugccgaacu.....	1
Gi2_10661719_x4.....cgucgCgggaacacggggugccga.....	1
Gi2_10650715_x4.....gucgugggaacCcggggugc.....	1
Gi3_27733677_x4.....cgugggUacacggggugcc.....	1
Gi3_27753805_x4.....cggagacgucgugggaacGcggggg.....	1
Gi2_10703771_x4.....gGcugcuggggaacacggggugc.....	1
Gi3_27726709_x4.....gacgucgugggaacacggggugccGacu.....	1
Gi2_10652547_x4.....cgucAugggaacacggggugccga.....	1
Gi1_4040668_x4.....cgucgugggaacacgggggAccgaacu.....	1
Gi2_10695351_x4.....uggAaacacggggugccg.....	1
Gi2_10720603_x4.....cgugggaGcacggggugccgaa.....	1
Gi2_10718559_x4.....gggGacacggggugccgaa.....	1
Gi2_10690583_x4.....gugggaacacgggAugccga.....	1
Gi3_27782921_x4.....cggagacgucguAggaacacggggugcc.....	1
Gi3_27775985_x4.....gacgucgugggaacacggggGgccg.....	1
Gi3_27741129_x4.....aacacgggggUccgaacu.....	1
Gi3_27705521_x4....aucggagaUgucgugggaacac.....	1
Gl1_5801170_x4....gGucggagacgucgugggaacacggg.....	1
Gi1_4038772_x4.....gucgugggaacacgAggugccgaacu.....	1
Gi3_27719861_x4.....ugggaacaAggggugccgaa.....	1
Gi2_10716535_x4.....cggagacguUgugggaacacggggugcc.....	1
Gi3_27770577_x4.....gagacgucgugggaacacggggugccgaCcu.....	1
Gl1_5795834_x4....aucggagacgucgugggaCcacggg.....	1
Gi1_4037992_x4.....ugggaacacggggugccgaUc.....	1
Gi2_10673959_x4....aAcggagacgucgugggaacacg.....	1
Gi2_10691855_x4....aucggagacgucgugggaCcacgg.....	1
Gi3_27726945_x4.....gGcugcuggggaacacgg.....	1
Gi3_27748285_x4.....cgucgugggaacacggggugccGac.....	1
Gi2_10688771_x4.....cCucgugggaacacggggugccgaac.....	1
Gi2_10663267_x4.....gugggaacacggggugccC.....	1
Gi2_10697951_x4.....ucgugCgaacacggggugccgaacu.....	1
Gi2_10706567_x4.....cgucgugggaacacAgggugc.....	1
Gi3_27714501_x4.....cgugggaacacgggCugccga.....	1
Gi2_10715419_x4....aucgUagacgucgugggaacacggg.....	1
Gi1_4037020_x4.....ggaacacggggugccgCac.....	1
Gi1_4044872_x4.....gugUgaacacggggugccgaacu.....	1
Gi3_27688325_x4Gugcgauccggagacgucg.....	1
Gi3_27730009_x4.....gGgacgucgugggaacacggggugccg.....	1
Gi3_27692645_x4....gaucggagCcgucgugggaacacgggg.....	1
Gi1_4040776_x4.....gGcugggaacacggggug.....	1
Gi2_10722983_x4.....ugggaacacgggAugccgaac.....	1

Gi2_10700343_x4.....aacacgggCugccgaacu..... 1
Gi2_10689619_x4.....ucgugggUacacggggugccgaac..... 1
Gi1_4041564_x4.....cgucgugggaacacAgggugccgaacu..... 1
Gi1_4021340_x4.....cgugggaacacgggCugccgaacu..... 1
Gi3_27705049_x4.....gaCcgagacgucgugggaacac..... 1
Gi3_27783021_x4.....Cggaacacggggugccga..... 1
Gi1_4039652_x4.....aucggGgacgucgugggaacac..... 1
Gi2_10665167_x4.....cgucgugAgaacacggggugccga..... 1
Gi3_27674801_x4.....ugggaacacgUggugccgaac..... 1
Gi3_27692461_x4.....aucggagacgucgugggaacacgggU..... 1
Gi1_4031884_x4.....auUggagacgucgugggaacacg..... 1
Gi3_27703261_x4.....cgNgggaacacggggugccgaac..... 1
Gi2_10715967_x4.....aucggagacgucgugggaacacgAggu..... 1
Gi3_27792301_x4.....cgugggaacacAgggugcc..... 1
Gi2_10669615_x4.....gugggaacacggUgugccgaa..... 1
Gi1_4018700_x4.....guggUaacacggggugcc..... 1
Gi3_27733253_x4.....cggagacgucgugAgaacacggggugcc..... 1
Gi3_27697101_x4.....gggaacacggggugccgaCcuu..... 1
Gi3_27715809_x4.....aucNgagacgucgugggaacacggggU..... 1
Gi2_10684891_x4.....ggagacgucgugggaaca..... 0
Gi3_27759553_x4.....cgugggCacacggggugccga..... 1
Gi2_10717723_x4.....cggagacgucguUggaacacggggugc..... 1
Gi2_10701151_x4.....gaucggagacgucgugggaacacggggGgc..... 1
Gi1_4037868_x4.....aCcgagacgucgugggaacacg..... 1
Gi1_4042752_x4.....ucguCggaacacggggugccgaacu..... 1
Gi5_8608663_x4.....ugggaGcacggggugccgaa..... 1
Gi3_27702173_x4.....gucgugggaacacggggugccgUac..... 1
Gi3_27717401_x4.....cgugggaacaUggggugccga..... 1
Gi2_10688423_x4.....acgucgugggaacGcggggugcc..... 1
Gi2_10713683_x4.....ugggaGcacggggugccgaacu..... 1
Gi1_4025900_x4.....cggagacgucgugggaacacggggugccgaacA..... 1
Gi1_4045568_x4.....ggagacgucgugggGacacggggugcc..... 1
Gi1a_5797370_x4.....gugggaCcacggggugccgaacu..... 1
Gi5_8640451_x4.....agacgCcgugggaacacggggugccgaacu..... 1
Gi3_27761589_x4.....aucggagacgucguAggaacac..... 1
Gi3_27701273_x4.....ucggagacNucgugggaacacgg..... 1
Gi5_8624831_x4.....uggAaacacggggugccgaa..... 1
Gi1_4040760_x4.....gggaacUcggggugccgaacu..... 1
Gi2_10696715_x4.....uggNaacacggggugccgaacu..... 1
Gi1_4028344_x4.....cgCcgugggaacacggggugcc..... 1
Gi3_27775837_x4.....gugggaacacggCgugcc..... 1
Gi3_27721625_x4.....Gcggagacgucgugggaacac..... 1
Gi3_27788337_x4.....ggaacacggggugcGgaacu..... 1
Gi2_10690667_x4.....aucggagacgucgugggaacacggggugU..... 1
Gi1_4023156_x4.....agacgucgugggaacacggggugcUgaacu..... 1
Gi2_10653975_x4.....gacgucgugggaacacggggugccAaacu..... 1
Gi2_10711947_x4.....cguAggaacacggggugccgaa..... 1

Gi3_27794453_x4.....ggaUcacggggugccgaac..... 1
G1a_5804378_x4...Uaucggagacgucgugggaacacgg..... 1
Gi3_27760833_x4.....uggaacacgAggugccg..... 1
Gi3_27687049_x4.....acguGuggggaacacggggugccgaacu..... 1
Gi3_27781173_x4.....ucgugggaacacggggCgccg..... 1
Gi1_4032344_x4.....ucgugggaacacAgggugccgaac..... 1
Gi2_10661371_x4.....gaacacggggugccAaac..... 1
Gi3_27684157_x4.....gucguUggaacacggggugccgaacu..... 1
Gi3_27675701_x4.....aucggagacgucgugggaGcacggggugcc..... 1
Gi2_10687451_x4.....gAgaacacggggugccgaa..... 1
Gi5_8617983_x4.....gugAgaacacggggugccga..... 1
Gi5_8627263_x4.....gugggaacacggggugcUga..... 1
Gi2_10705439_x4.....gUacacggggugccgaac..... 1
Gi3_27667609_x4.....uggAaacacggggugccga..... 1
Gi3_27794513_x4...Aaucggagacgucgugggaac..... 1
Gi2_10673467_x4.....agacAucgugggaacacggggugcc..... 1
Gi2_10721699_x4.....Ugagacgucgugggaacacggggugccgaa..... 1
Gi1_4042580_x4.....aacNcggggugccgaacu..... 1
Gi5_8627695_x4.....cCugggaacacggggugccgaac..... 1
Gi5_8625903_x4.....Gcgugggaacacggggugcc..... 1
G1a_5797466_x4.....guNggaaacacggggugccgaacu..... 1
Gi3_27681521_x4.....ucguggGaacacggggugccg..... 1
Gi4_539622_x4.....cgGgggaacacggggugccgaacu..... 1
Gi1_4036936_x4.....gacgucgugggaacacggggGgccg..... 1
Gi1_4027792_x4.....gucguAggaacacggggugccgaacu..... 1
Gi3_27659433_x4.....aUcacggggugccgaacuu..... 1
Gi3_27731393_x4.....cgugggaacacAgggugccg..... 1
Gi3_27794833_x4...aucggagacgucAugggaacacgg..... 1
Gi3_27769557_x4.....cgucgugggaacacggggugccUac..... 1
Gi2_10653815_x4.....cgucgugggaacacggggGgccga..... 1
Gi3_27790589_x4.....cgucgGgggaacacggggugcc..... 1
Gi1_4023716_x4.....Gcgugggaacacggggugccga..... 1
Gi2_10710311_x4.....ucguggGaacacggggugcc..... 1
Gi3_27666057_x4...aucggCgacgucgugggaacacgg..... 1
Gi3_27793193_x4.....Gggagacgucgugggaacac..... 1
Gi2_10698011_x4.....gugggaacUcggggugccg..... 1
Gi3_27732497_x4.....ucgugggUacacggggugccgaac..... 1
Gi2_10715627_x4...aucggagacgucgugggaacacAgg..... 1
Gi3_27706697_x4.....Agagacgucgugggaacacg..... 1
Gi1_4041168_x4.....agacgucgugggaacacggggugccgCacu..... 1
Gi5_8639299_x4.....gGgacgucgugggaacacggggugccgaacu..... 1
G1a_5802902_x4.....uggAaacacggggugccgaacu..... 1
Gi2_10664755_x4...Gucggagacgucguggga..... 1
Gi1_4038304_x4.....uAgugggaacacggggugccgaacu..... 1
Gi3_27724617_x4...gaucggagacgucguAggaacacg..... 1
Gi2_10665487_x4.....cCugggaacacggggugccga..... 1
Gi3_27734657_x4.....cgugggaacacggAgugccga..... 1

Gi4_541546_x4gugggaacacggggugccgaUc..... 1
 Gi3_27792073_x4.....acgucgugggaacacggggugcAga..... 1
 Gi3_27671713_x4.....ugggaacacggggGgccga..... 1
 Gi2_10680839_x4.....acgucgugggGacacggggugc..... 1
 Gi1_4021380_x4.....Ucgucgugggaacacggggugccgaacu..... 1
 Gi2_10686251_x4.....ucggagacgucgugggCacacg..... 1
 Gi3_27790997_x4.....gagacgucNugggaacacggggugccgaacu..... 1
 Gi2_10675959_x4.....cgucUugggaacacggggugcc..... 1
 Gi2_10686719_x4.....aucggagacgucgugggaacaUggg..... 1
 Gi3_27695717_x4.....agacgucgugggaacacggggugccgaGc..... 1
 Gi2_10694747_x4.....cgugggGacacggggugccg..... 1
 Gi3_27712373_x4.....cgucgugggaacacggggugccgaG..... 1
 Gi2_10702375_x4.....uggAaacacggggugccga..... 1
 Gi5_8640219_x4.....ucguCggaacacggggugccgaacu..... 1
 Gi3_27718989_x4.....aucgUagacgucgugggaacac..... 1
 Gi1_4044232_x4.....acgucgugggaacacggggugUcgaacu..... 1
 Gi1_4025856_x4.....Ugaacacggggugccgaacu..... 1
 Gi1_4027268_x4.....gugggaacCggggugccgaac..... 1
 Gi2_10677191_x4.....gaucggagacgucgugggaacacAgg..... 1
 Gi3_27661909_x4.....ucgugggaacCcggggugc..... 1
 Gi5_8610871_x4.....gugggGacacggggugccga..... 1
 Gi3_27724549_x4.....aucggagacgucgugggaacacggggugUc..... 1
 Gi5_8625411_x4.....aucggagacgucgugggaCcacgggg..... 1
 Gi5_8647279_x4.....Aggaacacggggugccgaa..... 1
 Gi3_27780773_x4.....aucggagaGgucgugggaacacggg..... 1
 Gi3_27734901_x4.....gggaacacggggugccgGa..... 1
 Gi5_8614675_x4.....gaacacCgggugccgaacu..... 1
 Gi2_10655283_x4.....cAugggaacacggggugc..... 1
 Gi3_27782337_x4.....cgucgCgggaacacggggugccga..... 1
 Gi1_4040560_x4.....gCaacacggggugccgaac..... 1
 Gi2_10675799_x4.....gucgugggaacacggggugccgaUc..... 1
 Gi2_10669819_x4.....gaucggGgacgucgugggaacacggggg..... 1
 Gi3_27706641_x4.....ugggaacacggggugccgaaGu..... 1
 Gi5_8619859_x4.....ucgugggaacacggUgugccgaacu..... 1
 Gi3_27729245_x4.....gaucggagacgucgugggaaAacgg..... 1
 Gi3_27705485_x4.....guggCaacacggggugccg..... 1
 Gi3_27687089_x4.....cgucgugggaacacgAggugccgaac..... 1
 Gi2_10678687_x4.....gugggaUcacggggugcc..... 1
 Gi2_10687287_x4.....gaucggagacgucgugggG..... 1
 Gi3_27733249_x4.....ugggaacacggggUccgaacu..... 1
 Gi2_10666627_x4.....cgugggCacacggggugccgaac..... 1
 Gi5_8636703_x4.....gacgucgugggaacacggggAgccgaacu..... 1
 Gi1_4033604_x4.....gugggaacNcggggugccgaac..... 1
 Gi2_10697295_x4.....acgucgugggCacacggggugccgaacu..... 1
 Gi2_10691219_x4.....gaucggagacgucgugggaacacAgggg..... 1
 Gi3_27665969_x4.....cgucgugggaaAacggggugc..... 1
 Gi5_8624055_x4.....ugggaacacggggugccgaG..... 1

Gi1_4037592_x4.....aucggagaNgucgugggaacacggggu..... 1
 Gi3_27696765_x4...cgUcggagacgucguggg..... 1
 Gi2_10697815_x4.....cgucgugggaacacggggugccAaacu..... 1
 Gi3_27771361_x4.....gucgugggaacacggggugAcgaac..... 1
 G1a_5799366_x4.....gggaacacggggGgcccgaacu..... 1
 Gi3_27792861_x4.....agUcgucgugggaacacggggugccgaac..... 1
 Gi3_27733805_x4.....cgucgugggaacCggggugccg..... 1
 Gi5_8639815_x4.....gggaacacggggugccgCac..... 1
 G1a_5810490_x4.....Ggugggaacacggggugc..... 1
 Gi5_8624931_x4.....gugggaacacggggCgcc..... 1
 Gi3_27683321_x4.....aNcacggggugccgaacu..... 1
 Gi3_27670673_x4.....Ccgucgugggaacacggggugccgaac..... 1
 Gi3_27714693_x4.....cgugggaaAacggggugcc..... 1
 Gi3_27714377_x4.....aucggagacgucgugggaacacg..... 1
 Gi3_27698385_x4.....Gcggagacgucgugggaacacggggugc..... 1
 Gi5_8641007_x4.....gucgugggaacacggggugAccgaacu..... 1
 Gi1_4030328_x4.....Ggugggaacacggggugccgaacuu..... 1
 Gi2_10693955_x4.....gaAcggagacgucgugggaacacggggu..... 1
 Gi3_27783793_x4.....gggaacaAgggggugccgaac..... 1
 Gi3_27791829_x4.....agacgucgugggaacacggggugcAgaacu..... 1
 Gi3_27722713_x4.....cgugAgaacacggggugccg..... 1
 Gi2_10675075_x4.....aUgucgugggaacacggggugccgaac..... 1
 Gi2_10701051_x4.....cgUagacgucgugggaacacggggugcc..... 1
 Gi2_10706683_x4.....ucgAgggaacacggggugccgaac..... 1
 Gi5_8627283_x4.....gggaacacggUgugccgaacu..... 1
 Gi3_27717045_x4.....gaAcggagacgucgugggaacacggg..... 1
 Gi5_8647967_x4.....gugggaaUacggggugccgaac..... 1
 Gi2_10658167_x4.....Uagacgucgugggaacacggg..... 1
 G1a_10691539_x4.....ugggaUcacggggugccgaacu..... 1
 G1a_5797090_x4.....guUggaacacggggugccgaac..... 1
 Gi5_8615267_x4.....agacgucgugggaacacggggugccgGacu..... 1
 Gi3_27669845_x4.....cgucgugggaacacggggugccgaaU..... 1
 Gi2_10657759_x4.....acgucgugggaCcacggggugccgaacu..... 1
 G1a_5811798_x4.....gaucggagacgucgugggaacacggggugc..... 0
 Gi3_27767441_x4.....uUgugggaacacggggugc..... 1
 Gi3_27770241_x4.....gggaacacgggAugccgaa..... 1
 Gi2_10682659_x4.....Cgggaacacggggugccga..... 1
 Gi3_27661701_x4.....cgugggaacacAgggugccgaa..... 1
 Gi3_27788733_x4.....gaucggagacgucgugggaAacggg..... 1
 Gi3_27785953_x4.....cgucgugAgaacacggggugccg..... 1
 Gi2_10658387_x4.....cgugggaacacggggugcUgaa..... 1
 Gi2_10694179_x4.....cgucgugggaacacggggugccA..... 1
 Gi2_10686939_x4.....acgucgugggaGcacggggugccgaac..... 1
 G1a_4033264_x4.....cgucgugggaacacggggugc..... 0
 G1a_4039724_x4.....Nacacggggugccgaacu..... 1
 Gi5_8623515_x4.....gggaacacggggGgcccga..... 1
 Gi5_8638159_x4.....ucgugUgaacacggggugccgaacu..... 1

Gi2_10692675_x4.....acgucgugggaacacggggugcUgaacu..... 1
 Gi1_4020072_x4.....cgucgugggaacacggggugcUgaacu..... 1
 Gi2_10722959_x4...gaucggagGcgucgugggaacacggggugcc..... 1
 Gi1_4020944_x4.....gggaacacggggugUcgaacu..... 1
 Gi1_4038836_x4.....Aggaacacggggugccgaac..... 1
 Gi4_539458_x4.....cgugggaacacggggugccgaCcu..... 1
 Gi2_10666631_x4.....cgucgugggaacCggggugcc..... 1
 Gi2_10665855_x4...Caucggagacgucgugggaacacggg..... 1
 Gi3_27669029_x4.....gggaUcacggggugccgaac..... 1
 Gi1_4025912_x4.....cgucgugggaacacggggugUcgaacu..... 1
 Gi3_27737053_x4.....Uacgucgugggaacacggggugcc..... 1
 Gi2_10682535_x4.....ucgugggaNcacggggugccgaa..... 1
 Gi2_10683255_x4.....ggaacacggggugccAaa..... 1
 Gi5_8646047_x4.....gugggaacacUgggugccgaacu..... 1
 Gi3_27665341_x4...gGucggagacgucguggga..... 1
 Gi1_4030608_x4.....ucgugggaacacggggugccUaacu..... 1
 Gi2_10696631_x4.....gaacacggggugcGgaacu..... 1
 Gi5_8618879_x4.....gugggaacacggggugccgCacuu..... 1
 Gi5_8634323_x4.....Cacgucgugggaacacggggugccgaacu..... 1
 Gi5_8608931_x4.....Ugacgucgugggaacacggggugccgaacu..... 1
 Gl1_5771014_x4...Aaucggagacgucguggg..... 1
 Gi3_27716841_x4.....cgugggaacacgggAugc..... 1
 Gi4_542342_x4.....gugggaacGcggggugccgaacu..... 1
 Gi2_10655663_x4.....gggaacacggggugccgaaU..... 1
 Gi3_27788077_x4.....ucgGgggaacacggggugccg..... 1
 Gi3_27784565_x4.....gacgucgugggaacGcggggugccgaac..... 1
 Gi3_27752801_x4.....gGgacgucgugggaacac..... 1
 Gi1_4045516_x4.....aaAacggggugccgaacu..... 1
 Gi2_10651487_x4.....cgucgugggaacacgAggugccgaacu..... 1
 Gi2_10665843_x4.....uGugggaacacggggugcc..... 1
 Gi5_8644647_x4.....ucgugggaNcacggggugccgaac..... 1
 Gi3_27662145_x4.....cgucAugggaacacggggugccgaac..... 1
 Gi3_27720757_x4...cgUucggagacgucgugggaacacg..... 1
 Gi3_27723293_x4.....acgucAugggaacacggggugccgaac..... 1
 Gi2_10700259_x4.....Ugacgucgugggaacacggggugccgaac..... 1
 Gl1_5796122_x4.....ggaacaUggggugccgaacu..... 1
 Gi2_10651723_x4.....ucgugUgaacacggggugccgaacu..... 1
 Gi2_10714459_x4...aucggCgacgucgugggaacacggggugc..... 1
 Gi2_10654507_x4.....gagacgucgugggaacacgggggu..... 0
 Gl1_5792154_x4...Ugagacgucgugggaacacg..... 1
 Gi2_10674407_x4.....cgugggaacacgggAugcc..... 1
 Gi3_27741125_x4...cgucguggNaacacggggugccgaa..... 1
 Gi3_27721385_x4.....gucgugggaacacgggUgugccgaacu..... 1
 Gi1_4028996_x4.....gAgggaacacggggugccgaac..... 1
 Gi2_10706547_x4.....gggaacacgUgggugccgaacu..... 1
 Gi3_27777817_x4...cAgagacgucgugggaacacggggugcc..... 1
 Gi3_27768609_x4.....cguggAaacacggggugcc..... 1

Gi5_8616231_x4.....guggaacNcggggugcc.....	1
Gi1_4043352_x4.....acgucguggaacacggggugccAaacu.....	1
Gi3_27715405_x4.....acgucguggaacacAgggugccgaac.....	1
Gi3_27683429_x4.....gggaacacggggAgccgaa.....	1
Gi1_4031100_x4.....aGcggagacgucguggaacacgg.....	1
Gi3_27833243_x3.....Gcacggggugccgaacuu.....	1
Gi2_10807972_x3.....ucguggaacacggggUAccgaac.....	1
Gi1_4064406_x3.....uggaacacggggugccUaacu.....	1
G1a_5834365_x3.....Caacacggggugccgaacu.....	1
Gi3_27927203_x3.....ggaacacCgggugccgaacu.....	1
Gi1_4078482_x3.....gagacgCcguggaacacggggugccgaacu.....	1
Gi5_8694914_x3.....ucguggaacCcgggugccgaac.....	1
Gi3_27871103_x3.....gggUacacggggugccgaa.....	1
G1a_5824249_x3.....gaacaUggggugccgaacu.....	1
Gi2_10814386_x3.....gggaacacggggUcCcgaaacu.....	1
Gi3_27866261_x3.....ucgugggaaAacggggugccgaac.....	1
Gi2_10744408_x3.....uggaacacggggUcg.....	1
Gi3_27815600_x3.....gacgCcguggaacacggggU.....	1
Gi1_4075587_x3...gaucggagacgucguggaacacggggugc.....	0
Gi3_27875294_x3.....uggaacacGggggugccgaac.....	1
Gi3_27960317_x3.....acUcggggugccgaacuu.....	1
Gi5_8675285_x3.....gggaacacgAggugccgaac.....	1
Gi2_10790503_x3...gaucggagacgucguggaacacAgggugc.....	1
Gi2_10760020_x3.....ggagacAucguggaacacggggug.....	1
Gi5_8680040_x3.....ugggGacacggggugccgaa.....	1
Gi1_4054194_x3.....ucguggGacacggggugcc.....	1
Gi5_8663072_x3.....ucguggCaacacggggugccgaacu.....	1
Gi2_10743982_x3.....ggaacacggggugccUaacu.....	1
Gi2_10810327_x3....aucggagacguGguggaacacggg.....	1
G1a_5874043_x3.....guggaacacggggugccgaaU.....	1
Gi3_27920540_x3....auNggagacgucguggaacacggggU.....	1
Gi2_10732465_x3.....aCcacggggugccgaacu.....	1
Gi3_27903650_x3...gaucggagacgucguggaacGc.....	1
Gi5_8688242_x3.....ggNaacacggggugccgaacu.....	1
Gi3_27930542_x3....aucgUagacgucguggaacacggggugc.....	1
Gi2_10764361_x3....ucggagacgucguggGacacg.....	1
Gi5_8714552_x3.....Ggucguggaacacggggugcc.....	1
Gi2_10796488_x3.....ggagacguNguggaacac.....	1
Gi2_10744417_x3...gaucggagacAucguggaacacggggU.....	1
Gi1_4063134_x3....aGcggagacgucguggaacacggg.....	1
Gi2_10778941_x3....Uucggagacgucguggaacacggg.....	1
Gi2_10813732_x3.....cguggaacacggggGgc.....	1
Gi3_27852392_x3....aucggagacgucguggaacacggggGgc.....	1
Gi2_10825000_x3.....cgucUuggaacacggggugc.....	1
Gi2_10748488_x3....aucggCgacgucguggaacacggg.....	1
Gi2_10822747_x3....ucUgagacgucguggaacacg.....	1
Gi3_27886427_x3.....cguUguggaacacggggugccg.....	1

Gi2_10783798_x3.....aucggagGcgucgugggaacacgg.....	1
Gi3_27977213_x3.....Nuggggaacacggggugccgaac.....	1
Gi1_4084722_x3...gaucggagacgucgugggaacacg.....	0
Gi2_10737547_x3.....ugggUacacggggugccga.....	1
Gi3_27956225_x3.....Aacgucgugggaacacggggugccg.....	1
Gi3_27907553_x3.....agacgucgugggaacacggggugUcgaacu.....	1
Gi5_8683868_x3.....agacgucgAgggaacacggggugccgaacu.....	1
Gi3_27836384_x3.....aucgAagacgucgugggaacacgggg.....	1
Gi2_10733638_x3.....aucggagacgucgugggaacaUggggug.....	1
Gi5_8703542_x3.....gugggaacacggggUccgaacu.....	1
Gi2_10801072_x3.....aAcggagacgucgugggaaca.....	1
Gi2_10806292_x3.....cgucgugggaCcacggggugccg.....	1
Gi3_27840512_x3.....ucggagacgucgCgggaacacggggg.....	1
Gi5_8657180_x3.....agacgucgugggaacacggggugAcgaacu.....	1
Gi2_10728763_x3.....aGcggagacgucgugggaa.....	1
Gi1_4052985_x3.....gCagacgucgugggaacacggggugcc.....	1
Gi3_27824948_x3.....Uucggagacgucgugggaacacgggg.....	1
Gl1a_5851702_x3.....gugggaacaAggggugccgaacu.....	1
Gi3_27899126_x3.....Nggaacacggggugccgaac.....	1
Gi2_10814467_x3.....ggNgacgucgugggaacacggggugcc.....	1
Gi1_4066944_x3...gaucggagacgucgCgggaacacggggugccg.....	1
Gi2_10753723_x3.....gaacacggggUccgaacu.....	1
Gi5_8679695_x3.....guggAaacacggggugccga.....	1
Gi1_4077195_x3.....gacgucgugggaacacggggugccgCacu.....	1
Gi5_8655929_x3.....gacgucgugggaacaUggggugccgaacu.....	1
Gl1a_5831893_x3.....gugggaacacgCgugccgaacu.....	1
Gi2_10738363_x3.....cgugggaacacggggugccgGa.....	1
Gi3_27796256_x3...cgaucggagacgucgugggaacCcg.....	1
Gi2_10753561_x3.....Agggaacacggggugccga.....	1
Gi3_27803624_x3.....Cgagacgucgugggaacacggggugccga.....	1
Gi5_8708816_x3.....gNgggaacacggggugccgaacu.....	1
Gi1_4079916_x3.....ugggaacacggggugccgaGc.....	1
Gi5_8689673_x3.....gUacacggggugccgaac.....	1
Gl1a_5853538_x3.....gggaacacggggUaccgaacu.....	1
Gi2_10788151_x3.....ggaacacgggUugccgaacu.....	1
Gi2_10806601_x3.....agacgucgugggGacacggggugccg.....	1
Gi5_8710031_x3.....ucNugggaacacggggugccgaacu.....	1
Gi5_8702921_x3.....gggaacacggCgugccgaacu.....	1
Gi1_4061400_x3.....ucgugggaacacggggCgc.....	1
Gi1_4084443_x3.....agacgucgugggaGcacggggugccgaacu.....	1
Gi3_27887492_x3.....ggaacaGggggugccgaacu.....	1
Gi3_27972641_x3...gaucggagacgucgugggaacacggggugUc.....	1
Gi1_4050477_x3.....Ggugggaacacggggugccgaa.....	1
Gi5_8692136_x3.....Gcuuuccagcgcgccugcugcccacc.....	1
Gi1_4055457_x3.....aacUcggggugccgaacu.....	1
Gi3_27843680_x3.....cgUagacgucgugggaacacggggugcc.....	1
Gi5_8668676_x3.....gggaacacggggugccgUac.....	1

Gi2_10809565_x3.....Ccguccgugggaacacggggugcc..... 1
Gi2_10783732_x3.....guggCaacacggggugcc..... 1
Gi1_4059753_x3.....cUucgugggaacacggggugccg..... 1
Gi2_10744510_x3.....agacgucgugggaaUacggggugccgaacu..... 1
Gi1_4087119_x3.....aucggGgacgucgugggaacacggg..... 1
Gi2_10761445_x3.....Ugucgugggaacacggggugccga..... 1
Gi2_10812781_x3.....cguAggaacacggggugc..... 1
Gi3_27888302_x3..Ucgauccgagacgucgugggaacacgggg..... 1
Gi3_27872360_x3.....aucggagacgucgugggaacacCgg..... 1
Gi3_27924533_x3.....agacgucgugggaaCcggggugccgaacu..... 1
Gi2_10805077_x3...gaucggagacgucgugggaacGcggggugcc..... 1
Gi5_8714222_x3.....ucgugggaacaAggggugccgaacu..... 1
Gi2_10763503_x3.....ugggaacCcggggugccg..... 1
Gi2_10733626_x3.....cgucguAggaacacggggugcc..... 1
Gi3_27887453_x3.....acgucgugggaacacggggugcGgaacu..... 1
Gi3_27945371_x3.....cgucAugggaacacggggugccga..... 1
Gi3_27962873_x3.....Agagacgucgugggaacacggggugccg..... 1
Gi1_4068378_x3.....uGggagacgucgugggaacacggg..... 1
G1a_5865688_x3.....gucgugggaacacggggugccgCac..... 1
Gi2_10814248_x3.....cUgagacgucgugggaacacggggugccga..... 1
Gi3_27965642_x3...gaucggagacgucgugggGacacggggugc..... 1
Gi3_27898190_x3.....gagacgucgugggGacacggggg..... 1
Gi5_8673011_x3.....acgucguggAaacacggggugccgaacu..... 1
Gi4_552207_x3.....cUucgugggaacacggggugcc..... 1
Gi5_8691200_x3.....Cgacgucgugggaacacggggugccgaacu..... 1
Gi2_10812994_x3.....agacgucgugggaacacAgggugccgaacu..... 1
Gi5_8670902_x3...aucggagGcguccgugggaacacggggg..... 1
Gi1_4088715_x3.....gaacacggggugccUaacu..... 1
Gi2_10811866_x3.....gacgucgugggaacacAgggugcc..... 1
Gi2_10741327_x3.....Cacgucgugggaacacggggugccgaacu..... 1
Gi3_27813023_x3.....cggagacgucgugggaacacggggugcA..... 1
Gi2_10770409_x3.....gaaAacggggugccgaacu..... 1
Gi3_27857210_x3.....cgugggaacacgAgggugccga..... 1
Gi2_10727941_x3.....agacgucgugggaacacAgggugcc..... 1
Gi2_10820815_x3.....gacgucgugggaacacAgggugccgaacu..... 1
Gi1_4069098_x3...aGcggagacgucgugggaacacggggugc..... 1
Gi2_10776682_x3.....agacgucguAggaacacggggugcc..... 1
Gi3_27896564_x3...cUgagacgucgugggaacacggggugccgaa..... 1
G1a_5848867_x3.....gugggaacacggggugccgaUcu..... 1
Gi2_10734811_x3...gaucggagacgCcgugggaacacggg..... 1
Gi3_27811070_x3.....gugggaCcacggggugccg..... 1
Gi2_10771588_x3.....gGcugggaacacggggugccgaa..... 1
Gi3_27891047_x3.....agacgucgugggaacacggAgugccgaacu..... 1
Gi5_8690648_x3.....acgNcgugggaacacggggugccgaacu..... 1
Gi3_27973244_x3...cggagacgucgugggGacacggggg..... 1
Gi2_10817035_x3...gaucggagacgucgugggaGcacggg..... 1
Gi3_27854351_x3.....ucguCggaacacggggugccgaac..... 1

Gi2_10788961_x3.....ucggagacNucgugggaaca..... 1
Gi3_27918134_x3.....agacgucgugggaacacggggugcUgaac..... 1
Gi2_10728835_x3....gaucggagacgucgugggaacacggggGgcc..... 1
Gi3_27866378_x3.....cgugggaacCggggugccgaa..... 1
Gi1_4078098_x3.....gugggaacacggggugcUgaacuu..... 1
Gi1_4054245_x3.....gCgcgucgugggaacacggggugccgaac..... 1
Gi1_4087809_x3.....Aacgucgugggaacacggggugccgaacu..... 1
Gi3_27918344_x3....aucggCgacgucgugggaacac..... 1
Gi2_10793074_x3.....cgucgugggaacaUggggugcc..... 1
Gi2_10754992_x3....gaucggagacgucgCgggaacacggggg..... 1
Gi5_8705045_x3....gaucggagacgucgugggGacacggg..... 1
G1a_5817355_x3.....gggaaAacggggugccgaacu..... 1
Gi5_8669942_x3.....cgCcgugggaacacggggugc..... 1
Gi3_27886835_x3.....Uagacgucgugggaacacggggugccgaa..... 1
Gi2_10823797_x3.....ugggaacUcggggugccgaacu..... 1
Gi5_8685278_x3.....ugggaacacgggggUcgggaacu..... 1
Gi1_4059837_x3.....cgugggaacacgCggugccgaacu..... 1
Gi2_10787071_x3.....gucgugggaacacgAggugccgaac..... 1
Gi5_8663684_x3.....cgugggaacacgUggugccga..... 1
Gi2_10802776_x3.....ggaacUcggggugccgaac..... 1
Gi2_10800697_x3.....cgugggaacacgggUugccgaacu..... 1
Gi3_27867434_x3.....ucgugggaacacggggugGcgaacu..... 1
Gi1_4065951_x3.....cgucguAggaacacggggugccgaacu..... 1
Gi5_8687504_x3.....cgugggaacacgUggugcc..... 1
Gi2_10773031_x3.....gucguggCaacacggggugccgaacu..... 1
Gi3_27878600_x3....cgaucggagGcgcgucgugggaacacg..... 1
Gi2_10810810_x3.....gucgugggaacacggggG..... 1
Gi3_27809510_x3....gaucggagacgucgugggaacCcggggugc..... 1
Gi3_27929750_x3.....ucggGgacgucgugggaacacg..... 1
Gi1_4078071_x3.....ugggaacacggggugccU..... 1
Gi3_27931577_x3.....ggaacacgggUugccgaacu..... 1
Gi1_4085061_x3.....ugggaacacgggggUcgggaacu..... 1
Gi5_8712389_x3.....gacgucgugggaacacggggugccgCacu..... 1
Gi5_8674844_x3.....gaacacggUgugccgaacu..... 1
G1a_5826538_x3.....cgugggaacacggAgugcc..... 1
Gi5_8702360_x3....aucggagacAucgugggaacacgg..... 1
Gi5_8686139_x3.....gugggaacacgAggugccg..... 1
Gi2_10773808_x3.....cgucgugggCacacggggugc..... 1
Gi1_4054542_x3.....gugggaacacggggugccA..... 1
Gi3_27851615_x3.....cgucCugggaacacggggugccgaacu..... 1
Gi5_8651198_x3.....ucgugggaacacgCggugccgaacu..... 1
Gi2_10764298_x3.....cgugggaacacCgggugccgaacu..... 1
Gi5_8707976_x3.....ugggaacacggggugccCaacu..... 1
Gi3_27829442_x3.....acgucgugggaacUcggggugccgaacu..... 1
Gi3_27878333_x3.....gugggaacUcggggugccg..... 1
Gi2_10744261_x3....gaucggagacgucgugggaGcacg..... 1
Gi5_8709728_x3.....cgucUugggaacacggggugccga..... 1

Gi3_27844754_x3.....agUcgucgugggaacacggggugccga..... 1
Gi5_8686013_x3.....aGcggagacgucgugggaacac..... 1
Gi1_4050819_x3.....ucggCgacgucgugggaacacg..... 1
Gi5_8653586_x3.....gggGacacggggugccgaa..... 1
Gi2_10732975_x3.....aucggagUcgucgugggaacac..... 1
Gi3_27897830_x3.....gaucggagacgucgugggGacacgggg..... 1
G1a_5856088_x3..cUaucggagacgucguggga..... 1
Gi5_8667236_x3.....cgCgggaacacggggugccga..... 1
Gi1_4053885_x3.....cgucgugggaacacggAgugccgaacu..... 1
Gi3_27944438_x3.....Ccgagacgucgugggaacacggggg..... 1
Gi2_10825702_x3.....gggaacacggggCgcccga..... 1
Gi3_27948131_x3.....uGgugggaacacggggugcc..... 1
Gi3_27806531_x3.....guNggaacacggggugcc..... 1
Gi1_4072497_x3.....acgucgugNgaaacacggggugcc..... 1
Gi4_549642_x3.....Ugugggaacacggggugccgaacu..... 1
Gi3_27960779_x3.....ggUgacgucgugggaacacggggugccg..... 1
Gi3_27913406_x3.....cgucgugggaUcacggggugccgaacu..... 1
Gi3_27936596_x3.....gugUgaacacggggugcc..... 1
Gi1_4084035_x3.uUcgauccgagacgucgugggaacacg..... 1
G1a_5869159_x3.....aAcggagacgucgugggaacacggg..... 1
Gi2_10732633_x3.....ucggagacNucgugggaacacggggugc..... 1
Gi1_4070685_x3.....uGggagacgucgugggaacacggggugc..... 1
Gi3_27920768_x3.....gucgCgggaacacggggugc..... 1
Gi2_10814509_x3.....ucgugggaAacggggugccgaac..... 1
Gi5_8693252_x3.....guUgugggaacacggggugc..... 1
Gi2_10812325_x3.....gacgucguNggaacacggggugc..... 1
Gi3_27922091_x3.....gugggaacacgggAugccg..... 1
Gi3_27845351_x3.....gucgugggGacacggggugc..... 1
Gi2_10784044_x3.....ucguggCaacacggggugccgaac..... 1
G1a_5834704_x3.....gaacacggggugccgGacu..... 1
Gi3_27880706_x3.....Ucgucgugggaacacggggugcc..... 1
Gi5_8714897_x3.....gacgucgugggGacacggggugccg..... 1
Gi3_27979796_x3.....cgucgugggaacacggggugccgaUcu..... 1
Gi5_8688935_x3.....gggaacacggggugccgaUcu..... 1
Gi2_10813606_x3.....Gcgugggaacacggggugc..... 1
Gi3_27896687_x3.....cgucUugggaacacggggugccgaac..... 1
Gi2_10803742_x3.....gacgucgugggGacacggggugcc..... 1
Gi2_10729927_x3.....gggaacacggggugccgGa..... 1
Gi2_10759894_x3.....gagacgucgugggaGcacggggugc..... 1
Gi2_10760674_x3.....gaanacggggugccgaacu..... 1
Gi3_27903698_x3.....agacgucgugggaacacggggugccgaCcu..... 1
Gi5_8694893_x3.....gugggaacacggggugccUaac..... 1
Gi3_27826904_x3.....gucgugggaacacggggGgccga..... 1
Gi1_4066821_x3.....ugggaacacggggugccgU..... 1
Gi3_27828461_x3.....Gggagacgucgugggaacacggggugccga..... 1
Gi1_4077108_x3.....ucgugggaacacggggugccAaac..... 1
Gi3_27826100_x3.....ucggagacguUgugggaacacggggugcc..... 1

Gi2_10759048_x3.....ggagacgucAgggaacacggggugcc..... 1
Gi2_10749154_x3.....gggaacacggggugUcgaac..... 1
Gi3_27970055_x3.....ugggaacacggUgugccgaac..... 1
Gi3_27973571_x3.....Cacgucgugggaacacggg..... 1
Gi5_8688389_x3.....gCgggaacacggggugccg..... 1
Gi2_10746589_x3.....aucggagGcgucgugggaaac..... 1
Gi3_27922535_x3.....cgucgugggaacaAggggugccgaacu..... 1
Gi1_4051761_x3.....gaUgucgugggaacacggggugccgaacu..... 1
Gi5_8674556_x3.....ugggCacacggggugccgaac..... 1
Gi2_10759972_x3.....Aagacgucgugggaacacggggugcc..... 1
Gi2_10740886_x3.....aucggagacgucgugggaacaUgg..... 1
Gi2_10769197_x3.....acgucgugggCacacggggugcc..... 1
Gi5_8657477_x3.....aucggagacgucgugggaacGcgggg..... 1
Gi2_10780558_x3.....aucggagacgucgugggaacacggggguAc..... 1
Gi3_27977231_x3.....gugggaaGacggggugcc..... 1
Gi3_27801008_x3.....cgUagacgucgugggaacacgggggu..... 1
Gi3_27824276_x3.....cgucgugggaacacggggugUcgaac..... 1
Gi1_4084089_x3.....gagacgucgugggGacacggggugccgaacu..... 1
Gi3_27928607_x3.....cgNgggaacacggggugcc..... 1
Gi1_4084743_x3.....acgucgugggaacaUggggugccgaacu..... 1
Gi3_27798299_x3.....ucgugggaacacggggugccGac..... 1
Gi1_4050033_x3.....agUcucgugggaacacggggugccg..... 1
Gi2_10786954_x3.....Gggagacgucgugggaacac..... 1
Gi2_10825678_x3.....gacgucguNgggaacacggggugccgaacu..... 1
Gi2_10782622_x3.....ggagacgucgugggCacacggggugcc..... 1
Gi2_10825870_x3.....cguNuggggaacacggggugccgaacu..... 1
Gi2_10823215_x3.....gaucggagacgucgugggaacCcgggg..... 1
Gi4_545274_x3.....gugggaacacggggugccGacu..... 1
Gi3_27964163_x3.....ggaacacgAggugccgaa..... 1
Gi5_8668616_x3.....gugggaaAacggggugccgaa..... 1
Gi2_10734031_x3.....gUucggagacgucguggga..... 1
Gi2_10815637_x3.....gacgucgugggaacacgAggugcc..... 1
Gi2_10743457_x3.....cggagacgucgugggaacacggggGgc..... 1
Gi3_27949664_x3.....ucggagacgCcgugggaacacg..... 1
Gi2_10739515_x3.....ggaaAacggggugccgaac..... 1
G1a_5835253_x3.....gGucggagacgucgugggaacacgggggu..... 1
Gi3_27807944_x3.....cgucgugggaacacgggAugccga..... 1
G1a_5859121_x3.....gucgugggaGcacggggugccgaacu..... 1
Gi5_8717567_x3.....ugggaacacggggugccgCacuuu..... 1
Gi3_27903215_x3.....Aucgugggaacacggggugc..... 1
Gi5_8708045_x3.....cCugggaacacggggugccga..... 1
Gi2_10828168_x3.....aucggagGcgucgugggaacacgggg..... 1
Gi3_27911228_x3.....ggaUcacggggugccgaa..... 1
Gi5_8686553_x3.....gugggaGcacggggugccga..... 1
Gi3_27891338_x3.....gggaacacggggugUcga..... 1
Gi2_10740448_x3.....cgaucggagacgucgugggGacacggg..... 1
Gi2_10827322_x3.....gugNgaacacggggugcc..... 1

Gi5_8704820_x3.....gCggaacacggggugcc..... 1
 Gi3_27906536_x3.....cguggaacacCgggugccgaac..... 1
 Gi1_4055004_x3.....ucguggGacacggggugccg..... 1
 Gi2_10824904_x3.....ucguggaacacggggugccA..... 1
 Gi3_27954656_x3.....agacgucAugggaacacggggugccgaac..... 1
 Gl1a_5821882_x3.....gUgaacacggggugccgaac..... 1
 Gi5_8668277_x3.....cguggaacacggggugccgaaA..... 1
 Gi3_27859775_x3.....cguNguggaacacggggugccgaacu..... 1
 Gi5_8711174_x3.....aucggGgacgucguggaacacggggg..... 1
 Gi2_10821571_x3.....aucggaAacgucguggaacacggggugc..... 1
 Gi2_10763785_x3.....acgucguggaacacggggugcA..... 1
 Gi3_27806318_x3.....guggaacacUgggugcc..... 1
 Gi1_4049220_x3.....cgucUuggaacacggggugccgaacu..... 1
 Gi1_4051854_x3.....gucguggaacacGggggugccgaacu..... 1
 Gi3_27842783_x3.....gaucggagacgucguggaacacggggGgcc..... 1
 Gi2_10811071_x3.....guAggaacacggggugccgaa..... 1
 Gi3_27854378_x3.....Aguggaacacggggugc..... 1
 Gi3_27962891_x3.....gggaacacggggugccgG..... 1
 Gi2_10824400_x3.....gaucAgagacgucguggaacacggggugcc..... 1
 Gi5_8673848_x3.....Cuggaacacggggugccg..... 1
 Gi2_10732843_x3.....cguggaacacgAggugcc..... 1
 Gi3_27958847_x3.....ucggagacgCcguggaacacgggg..... 1
 Gi5_8675660_x3.....guggaacacgUggugccgaac..... 1
 Gi2_10807438_x3.....ggaCcacggggugccgaac..... 1
 Gi2_10797019_x3.....gaucggagacgucguggaacacAggg..... 1
 Gi3_27800747_x3.....acgucgugUgaacacggggugccgaacu..... 1
 Gi3_27894110_x3.....cguggaacacggggAgccg..... 1
 Gi2_10727827_x3.....gggaacacggUgugccgaacu..... 1
 Gi5_8684675_x3.....ucguggaacacggggugAcgaacu..... 1
 Gi3_27944294_x3.....gggCcacggggugccgaac..... 1
 Gi3_27958811_x3.....gaucggagacgucguggaaUacg..... 1
 Gi3_27934151_x3.....auAggagacgucguggaacacggg..... 1
 Gi2_10770001_x3.....ucguggaacacggggugcUgaac..... 1
 Gi2_10757557_x3.....aucggagacgucguggaacacggAgugc..... 1
 Gi3_27807257_x3.....Cagacgucguggaacacggggugccg..... 1
 Gi2_10730275_x3.....cgUucggagacgucguggaacacggggug..... 1
 Gi3_27942323_x3.....gaucggagNcgucguggaacac..... 1
 Gi2_10749646_x3.....guggaaaAacggggugccgaa..... 1
 Gi3_27881657_x3.....cguggaacacGggggugccgaac..... 1
 Gi3_27940103_x3.....gaucggagacgucguggaacacggAg..... 1
 Gi4_550362_x3.....Cuggaacacggggugccgaa..... 1
 Gi3_27850634_x3.....cggagacgucguggaacGcgg..... 1
 Gi2_10792666_x3.....Aacgucguggaacacggggugccg..... 1
 Gi3_27871451_x3.....aucggagacguUguggaacac..... 1
 Gi2_10796053_x3.....gucguggaacacGggggugccgaacu..... 1
 Gi4_549663_x3.....guggUaacacggggugccgaacu..... 1
 Gi2_10784848_x3.....ggaacacggggugccgCa..... 1

Gi2_10772161_x3.....cguggaacacgggCugcc..... 1
 Gl1_5870404_x3.....gaacacgggGcgcgaacu..... 1
 Gi3_27922823_x3.....guggaacacggCgugccgaa..... 1
 Gi3_27862109_x3..Ucgagcagacgucguggaacacggggu..... 1
 Gi4_549291_x3.....guggaacacgggugccgaaAu..... 1
 Gi5_8657315_x3.....aacacCgggugccgaaacu..... 1
 Gi2_10790221_x3.....aucggagacgucUuggaacac..... 1
 Gl1_5859607_x3...gaucggagacgucguggCacacggg..... 1
 Gi3_27840224_x3.....acgucguggaCcacgggugccgaa..... 1
 Gi2_10743616_x3.....ggagacguUguggaacacgggugcc..... 1
 Gi2_10730686_x3...gUucggagacgucguggaacacggggugc..... 1
 Gi2_10789240_x3.....gugUgaacacggggugcc..... 1
 Gi1_4048068_x3.....gugAgaacacggggugccgaa..... 1
 Gi3_27816350_x3.....gugUgaacacggggugccga..... 1
 Gi5_8686865_x3...gGucggagacgucguggaacac..... 1
 Gi3_27866264_x3.....agacgucguggaacacggggugccgGcu..... 1
 Gi1_4049322_x3.....gucguggNacacggggugcc..... 1
 Gi3_27939236_x3.....cguggaUcacggggugcc..... 1
 Gi5_8662430_x3.....gAgggaacacggggugccga..... 1
 Gi5_8674967_x3.....Cuggaacacggggugccgaaacu..... 1
 Gl1_5845792_x3.....uggaUcacggggugccgaaacu..... 1
 Gi2_10737913_x3.....Aguggaacacggggugccga..... 1
 Gi5_8686478_x3.....guggaacGcggggugccgaa..... 1
 Gi1_4063875_x3.....ggGgacgucguggaacacggggugccgaaacu..... 1
 Gi5_8686193_x3.....Ugagacgucguggaacacggggugccgaa..... 1
 Gl1_5832232_x3..Ggcgaucgagacgucgu..... 1
 Gi3_27979301_x3.....ucggagacgucguggCacacggggu..... 1
 Gi5_8682356_x3.....uggaCcacggggugccgaa..... 1
 Gi3_27958547_x3.....cggUacgucguggaacacggggugcc..... 1
 Gi5_8717435_x3.....guggGacacggggugccg..... 1
 Gi5_8671109_x3.....aucggagaNgucguggaacacggg..... 1
 Gi1_4061787_x3.....cguggaaAacggggugccgaaacu..... 1
 Gi2_10766299_x3.....acgucguggaacacgggAugccgaaacu..... 1
 Gi2_10810147_x3.....aucggagacAucguggaaca..... 1
 Gi3_27958742_x3...gaucggagacgucguggaGcac..... 1
 Gi2_10817485_x3.....acgucguggaacacggggugccGac..... 1
 Gi1_4050567_x3.....cgGggaacacggggugccga..... 1
 Gi1_4080390_x3.....aacacgggNugccgaaacu..... 1
 Gi3_27887930_x3.....aucggagacgucguggaacacAgggugcc..... 1
 Gi3_27976973_x3...gaucggagacgucguggaacCcg..... 1
 Gi3_27973466_x3.....Cucguggaacacggggugcc..... 1
 Gi1_4054014_x3...aucggagaNgucguggaacacg..... 1
 Gi5_8663726_x3.....cguggaacacggggugAcgaa..... 1
 Gi1_4088238_x3.....acgucguggaacacggggugAcgaaacu..... 1
 Gi5_8651468_x3.....guAggaacacggggugccga..... 1
 Gi3_27945755_x3...gGucggagacgucguggaac..... 1
 Gi2_10749289_x3.....guggaacacgggCugccgaa..... 1

Gi2_10817107_x3.....aCcgagagacgucguggga.....	1
Gi2_10760725_x3.....agacgCcgugggaacacggggugccg.....	1
G1a_5872132_x3.....Augggaacacggggugccga.....	1
Gi2_10823371_x3.....cgucgugggaacacgggAugccgaacu.....	1
Gi2_10733548_x3.....aucggagacgucgugggaUacggggu.....	1
Gi5_8702666_x3.....gacgucgugggaacacggggugccgGacu.....	1
Gi2_10760065_x3.....guUggaacacggggugccgaacuu.....	1
Gi1_4062036_x3.....ggagacguNgugggaacacggggugcc.....	1
Gi5_8690675_x3.....cAugggaacacggggugccgaac.....	1
Gi4_547317_x3.....cgugggGacacggggugccgaacu.....	1
Gi3_27804146_x3.....cCucgugggaacacggggugc.....	1
Gi5_8664836_x3.....gaacacUgggugccgaacu.....	1
Gi3_27959276_x3.....aucggagacgucgugggaaca.....	0
G1a_5854771_x3.....aGcggagacgucgugggaacacggggug.....	1
Gi5_8654792_x3.....cgucgugggaacacggggugcAgaacu.....	1
Gi4_551727_x3.....cgugggaacacggggugccgCacu.....	1
Gi3_27842525_x3.....gaucggagacgucguAggaacac.....	1
Gi2_10821178_x3.....cgugggaacGcggggugccga.....	1
Gi1_4048494_x3.....agaUgucgugggaacacggggugccgaacu.....	1
Gi3_27814484_x3.....gGgaucggagacgucgug.....	1
Gi1_4052358_x3.....Ucgaucggagacgucgugggaaca.....	1
Gi3_27947357_x3.....aucggagacgucgugggaacaUggggugc.....	1
Gi5_8703941_x3.....aacacgCggugccgaacu.....	1
Gi2_10826701_x3.....gucgugggaacacggggugcGgaacu.....	1
Gi2_10792555_x3.....gucgugggaacacgggguAccgaac.....	1
Gi2_10767676_x3.....Cgacgucgugggaacacggggugccgaacu.....	1
Gi5_8702669_x3.....gugggaacacggggugccgaCcuu.....	1
Gi4_550197_x3.....cgugggaacacAgggugccgaacu.....	1
Gi1_4065624_x3.....gucgugggaacacggggugcUgaacu.....	1
Gi1_4087335_x3.....acguUgugggaacacggggugccgaacu.....	1
Gi1_4080627_x3.....cgucAugggaacacggggugcc.....	1
Gi1_4076895_x3.....cUgagacgucgugggaacacgggg.....	1
Gi3_27845630_x3.....uNggaacacggggugccgaac.....	1
Gi2_10756531_x3.....cUaucggagacgucgugggaacacgggg.....	1
Gi2_10815088_x3.....Ugucgugggaacacggggugcc.....	1
G1a_5851645_x3.....uggNaacacggggugccgaacu.....	1
Gi2_10826314_x3.....aucggaAacgucgugggaacacggggug.....	1
Gi5_8661320_x3.....gugggaacNcggggugccgaa.....	1
Gi2_10726510_x3.....gaucggagacgucgugggaacaAggggu.....	1
Gi2_10777318_x3.....gucgugggaacacggggugccgaacG.....	1
G1a_5825074_x3.....cgugggaacCcgggugccgaacu.....	1
Gi2_10726444_x3.....cgUucggagacgucgugg.....	1
Gi2_10780222_x3.....gaCcgagacgucgugggaacacg.....	1
Gi1_4056990_x3.....ggaacacgggguAccgaacu.....	1
G1a_5864272_x3.....gugggaacacggggugccgaacG.....	1
Gi2_10770121_x3.....cggagacgucgugggaacacggg.....	0
Gi5_8678867_x3.....gggaacCcgggugccgaa.....	1

Gi1_4052940_x3.....cUugggaacacggggugc.....	1
Gi2_10776688_x3...gAucAgagacgucgugggaaacacgggggu.....	1
Gi1_4077654_x3.....gugggaacacggggugUc.....	1
Gi1_4079394_x3.....ggagacgucgugUgaacacggggugccg.....	1
G1a_5840815_x3.....Cugggaacacggggugcc.....	1
G1a_5829595_x3.....Gcggagacgucgugggaaacacgg.....	1
G1a_5871601_x3.....gggaacacggggugccGacu.....	1
Gi2_10783210_x3.....agacgucgugggGacacggggugc.....	1
Gi3_27965918_x3.....cgucguggAaacacggggugccga.....	1
Gi5_8660984_x3.....aacacggggUccgaacu.....	1
Gi2_10769218_x3...gAucAgagacgucgugggaaacacggggugc.....	1
Gi3_27933758_x3.....acgucgugggaaacacggggugAc.....	1
Gi2_10820017_x3.....cgugggaacacgCggugccgaac.....	1
Gi3_27801377_x3.....gacgucgugggaaacacggggugccgaacG.....	1
Gi3_27918725_x3.....cggagacAucgugggaaacacgggggu.....	1
Gi2_10807684_x3.....aucggGgacgucgugggaaacacggggugccgaac.....	1
Gi4_550170_x3.....cgucgugggaaacacggggugccgaac.....	0
Gi3_27812246_x3.....aucggagacUucgugggaaacac.....	1
Gi3_27894512_x3cugcgaCcgagacgucg.....	1
Gi1_4068357_x3.....aCacgucgugggaaacacggggugccgaacu.....	1
Gi3_27862628_x3.....cgCcgugggaaacacggggugccgaa.....	1
Gi1_4086882_x3.....gacAucgugggaaacacggggugccgaacu.....	1
Gi2_10798951_x3.....aucggagacgucgugggUaca.....	1
Gi3_27967730_x3.....Uugggaaacacggggugccgaacuuu.....	1
Gi2_10817053_x3.....gucgCgggaacacggggugccgaac.....	1
Gi3_27916112_x3.....gagacgucgugggaaacGcggggugccgaac.....	1
Gi5_8714585_x3.....uCggaacacggggugccgaa.....	1
G1a_5850307_x3.....ggaacUcggggugccgaacu.....	1
Gi2_10784365_x3.....gucgugggUcacggggugccgaacu.....	1
Gi3_27837236_x3.....guggCaacacggggugccga.....	1
Gi2_10796734_x3.....gggaacacgggCugccgaacu.....	1
Gi3_27852035_x3.....aucggagacgucgugggaaGacggg.....	1
Gi2_10793458_x3.....gucgugggaaacacggggugAc.....	1
Gi1_4059762_x3.....aacacggggugccgUacu.....	1
Gi2_10793869_x3.....aucggagacgucgugggUacacgggggu.....	1
Gi4_545151_x3.....gUaacacggggugccgaac.....	1
Gi2_10776319_x3.....cggGgacgucgugggaaacacggggugccgaa.....	1
Gi3_27902123_x3.....Uggagacgucgugggaaacacggggugccga.....	1
Gi2_10737436_x3.....ggaacacgggCugccgaacu.....	1
Gi3_27923294_x3.....ggAaacacggggugccgaa.....	1
Gi2_10745245_x3.....aucggagCcgucgugggaaacacgggggu.....	1
Gi3_27866117_x3.....ggagacgucgugggaaacacggggA.....	1
Gi2_10828048_x3.....cgGcgugggaaacacggggugccgaac.....	1
G1a_5872516_x3.....cgAgggaacacggggugcc.....	1
Gi3_27935345_x3.....gaGcacggggugccgaacuu.....	1
Gi1_4059270_x3.....guUggaacacggggugcc.....	1
Gi3_27809864_x3.....ucgugggaaacUcggggugccgaacu.....	1

Gi1_4075395_x3.....gGgacgucgugggaacacggggugccgaacu..... 1
 Gi2_10759132_x3.....ugggaacacggggugccgaC..... 1
 Gi2_10803274_x3....aucggUgacgucgugggaacacg..... 1
 Gi2_10825258_x3.....acgucgugggaacacggggAgccgaacu..... 1
 Gi2_10734061_x3....aucggagacguUgugggaacacg..... 1
 Gi3_27800000_x3.....ggaacacgggguCccgaac..... 1
 Gi2_10728640_x3....aucAgagacgucgugggaacacgggg..... 1
 Gi3_27847958_x3.....gggaacacggggugUcga..... 1
 Gi2_10794130_x3.....cgugggaacacggggCgccc..... 1
 Gi3_27943604_x3.....agacgucgugggaacUcggggugccgaacu..... 1
 Gi3_27947759_x3.....gggaacacggggugGcgaac..... 1
 Gi3_27801899_x3...cgGucggagacgucguggg..... 1
 Gi3_27853268_x3.....ggaCcacggggugccgaacu..... 1
 Gi3_27935435_x3.....gUagacgucgugggaacacggggugccgaa..... 1
 Gi3_27888605_x3.....gacgucgugggaacacgggAugccgaacu..... 1
 Gi2_10772365_x3.....gUgacgucgugggaacacggggugccgaac..... 1
 Gi3_27810149_x3....gaucggagacgucguggUacacgggg..... 1
 Gi3_27966812_x3.....ucguggUaacacggggugccgaacu..... 1
 Gi2_10731217_x3.....cgucgugggaacacggggugcUga..... 1
 Gi3_27821687_x3.....ggaacacggggugGcgaacu..... 1
 Gi2_10786963_x3.....cgugggaaUacggggugccga..... 1
 Gi3_27934034_x3.....cgucgugggaacacggggugAcg..... 1
 Gi2_10752319_x3....ucggUgacgucgugggaa..... 1
 Gi3_27925478_x3....aucggagacgucgugggaUcacggg..... 1
 Gi2_10826347_x3...cgaucggaNacgucgugg..... 1
 Gi2_10726195_x3.....ucgugAgaacacggggugccgaac..... 1
 Gi3_27816263_x3.....cgucguggUacacggggugccga..... 1
 Gl1_5849461_x3....aucggagacgucgugggaCcacgggg..... 1
 Gi5_8683043_x3.....agUcgcguggggaacacggggugccgaac..... 1
 Gi1_4056000_x3.....ugggaacacggggugccgaaAu..... 1
 Gl1_5835199_x3.....ugggaacacgggAugccgaacu..... 1
 Gi3_27926960_x3.....acgucgugggaacacgAggugcc..... 1
 Gi3_27963212_x3.....aacacggggUaccgaacu..... 1
 Gi3_27979745_x3.....ugggaaAacggggugccga..... 1
 Gl1_5863120_x3.....ggaacacgNggugccgaac..... 1
 Gi3_27796562_x3....gaucggUgacgucgugggaacacgggg..... 1
 Gi2_10749811_x3.....cgucgugggaCcacggggugc..... 1
 Gi2_10818886_x3.....ggaaUacggggugccgaac..... 1
 Gi2_10742341_x3.....cgugggaacacggggugcAgaac..... 1
 Gi5_8687252_x3....aucgUagacgucgugggaacacgggg..... 1
 Gi2_10747471_x3.....gaacacggggugccgaUcu..... 1
 Gi1_4059054_x3.....gacgucgugggaGcacggggugccgaacu..... 1
 Gi1_4061859_x3.....cgugUgaacacggggugccg..... 1
 Gi3_27938246_x3....ucggagacgucguAggaacacggggugcc..... 1
 Gi3_27825662_x3.....gggaacacggggCgccc..... 1
 Gi2_10760116_x3.....cgucAugggaacacggggugcc..... 1
 Gi2_10745842_x3....aucggCgacgucgugggaacacgggg..... 1

Gi5_8711792_x3.....cguUgugggaacacggggugc..... 1
 Gi2_10771786_x3.....gugggaacacgggCugccg..... 1
 Gi5_8706155_x3.....gacgucgCggaacacggggugccgaac..... 1
 Gi5_8694500_x3.....aacacggggugGcgaacu..... 1
 Gi3_27800921_x3.....ucgugggaNcacggggug..... 1
 Gi1_4075992_x3.....gugggaacCcggggugcc..... 1
 Gi2_10734325_x3.....ugggaaUacggggugccga..... 1
 Gi1_4071768_x3.....acgucAugggaacacggggugccgaacu..... 1
 G1a_5828833_x3.....gggaacaAggggugccgaacu..... 1
 Gi2_10820020_x3.....aucggagacgucgugggUacacggggugc..... 1
 Gi2_10777213_x3.....cgugggaacacggggUAccgaa..... 1
 Gi3_27908333_x3.....cgaucggagacgucgugggCcacggg..... 1
 Gi5_8707220_x3.....cgugggaacacggggCgccga..... 1
 Gi3_27883004_x3.....cgugggaacCcggggugccg..... 1
 Gi2_10797907_x3.....aucggagacgCcgugggaacacggggug..... 1
 G1a_5864809_x3.....gAaacacggggugccgaacu..... 1
 Gi2_10764763_x3.....ggUaacacggggugccga..... 1
 Gi3_27803093_x3.....gaucggagacgucguggggaacaAggg..... 1
 Gi5_8664128_x3.....acgucgugggaacGcggggugcc..... 1
 Gi1_4054662_x3.....aucggagaNgucgugggaacacggggugcc..... 1
 Gi5_8691932_x3.....Ggugggaacacggggugcc..... 1
 Gi5_8660855_x3.....agacgucguggggaacacggggugcUgaacu..... 1
 G1a_5820790_x3.....aucggagacgucguAggaacacggg..... 1
 Gi3_27814181_x3.....aucggagacgucgCgggaacacggggugc..... 1
 Gi3_27906728_x3.....cgucguggAaacacggggugc..... 1
 Gi3_27836417_x3.....cggagacgucgCgggaacacggggU..... 1
 Gi3_27903353_x3.....gacAucgugggaacacggggugccgaac..... 1
 Gi2_10747369_x3.....gaacaAggggugccgaacu..... 1
 Gi3_27866645_x3.....cgaucggagGcgucgugggaacacggggU..... 1
 Gi5_8692445_x3.....auUggagacgucguggggaacacggggU..... 1
 Gi3_27910634_x3.....gggaacacggggugccCaac..... 1
 Gi2_10783585_x3.....gaucggagacguUguggga..... 1
 G1a_5871073_x3.....ggaNcacggggugccgaacu..... 1
 Gi3_27929879_x3.....cggagacgucguggggaacacgAggu..... 1
 Gi3_27855653_x3.....acgucgugggaGcacggg..... 1
 G1a_5855146_x3.....cgugggUacacggggugccgaacu..... 1
 Gi5_8675246_x3.....aucggagacgucgugggCacacg..... 1
 Gi2_10758457_x3.....aucggagaUgucguggggaacacggggugcc..... 1
 Gi2_10751338_x3.....acgucgugggaAaacggggugc..... 1
 Gi3_27839732_x3.....gaucggagaUgucguggggaacacggggU..... 1
 Gi3_27885230_x3.....gugggaacaAggggugccg..... 1
 Gi2_10762717_x3.....gaucggGgacgucguggggaacacg..... 1
 Gi1_4057707_x3.....cgucgugggaacacgAggugccgaacu..... 1
 Gi5_8665718_x3.....gacgucgugggGacacggggugccgaacu..... 1
 Gi3_27813986_x3.....gaucggagacgucgugAgaacacggg..... 1
 Gi1_4047879_x3.....cggagacgucguggggaacacggggug..... 0
 Gi2_10763002_x3.....Cucggagacgucguggggaacacggggugc..... 1

Gl1_5841409_x3.....aacacggggugccgGacu.....	1
Gi1_4055745_x3.....ucguggaaaAcggggugccgaacu.....	1
Gl1_5857381_x3...gaucggagacgucguggaaacCgggggu.....	1
Gi1_4074492_x3.....uggaaaAcggggugccgaacu.....	1
Gi3_27815954_x3...gaucggagGcgucguggaaacac.....	1
Gi5_8663048_x3.....gugggGacacggggugcc.....	1
Gi3_27935048_x3...aucggagacgucguggaaacaAggggu.....	1
Gi2_10787461_x3...aucggagacgucguggaaacGcgg.....	1
Gi3_27940097_x3.....Gggagacgucguggaaacacggggugccgaacu.....	1
Gi1_4060818_x3.....Acguggaaacacggggugcc.....	1
Gi3_27929564_x3.....ggNacacggggugccgaacu.....	1
Gi3_27921194_x3.....agacgucguggaaacacggggugccg.....	0
Gl1_5868439_x3.....ggaacacggggCgccaac.....	1
Gi3_27926144_x3.....uUggagacgucguggaaacacg.....	1
Gi3_27894605_x3.....gggaacacggggugcAgaa.....	1
Gi2_10783987_x3.....gacgucguggaaacacggUgugcc.....	1
Gi1_4080966_x3.....Auggaaacacggggugccga.....	1
Gi5_8664650_x3.....gaacacgCggugccgaacu.....	1
Gi1_4074750_x3.....gugggaacUcggggugccgaacu.....	1
Gi3_27801683_x3.....uGguggaaacacggggugccga.....	1
Gi2_10783036_x3.....Ggucguggaaacacggggugccgaa.....	1
Gi3_27844277_x3.....ggaacacggggugccCaac.....	1
Gi5_8683115_x3.....ggaacacggggAgccaac.....	1
Gi2_10768942_x3.....gugggaacacgAggugccgaa.....	1
Gi3_27863798_x3.....cguggaaacacggggugcUga.....	1
Gi3_27948608_x3.....uAguggaaacacggggugccgaac.....	1
Gi2_10751461_x3...aucAgagacgucguggaaacacg.....	1
Gi3_27883856_x3.....acgucguggUaacacggggugccgaac.....	1
Gi1_4081590_x3...gUgacgucguggaaacacggggugcc.....	1
Gi3_27950780_x3...gaucggagacAucguggaaacacgggu.....	1
Gi1_4076373_x3.....gacgucguggaaacacAgggugccgaacu.....	1
Gi3_27832094_x3.....cgucguggaaacacggggugccAa.....	1
Gi3_27970904_x3...gaucggagacgucguggaaacacggggAgcc.....	1
Gl1_5873851_x3.....gugggaacacAgggugcc.....	1
Gi2_10801255_x3.....ugggCacacggggugccg.....	1
Gi2_10760446_x3.....ggUgacgucguggaaaca.....	1
Gi2_10800646_x3.....gucguUggaacacggggugccgaacu.....	1
Gl1_5831371_x3.....gugggaacNcggggugccg.....	1
Gi3_27936638_x3.....gGgacgucguggaaacacggggugcc.....	1
Gi2_10742797_x3.....gggaCcacggggugccgaac.....	1
Gi3_27903941_x3...aucggagacgucguggaaUacggggugcc.....	1
Gi3_27960848_x3.Ggcgaucggagacgucguggaaaca.....	1
Gi1_4076163_x3.....gucguggaaacacggAgugccgaacu.....	1
Gl1_5874613_x3.....Gcguggaaacacggggugccgaac.....	1
Gi3_27843401_x3.....gacgucguggaaacacggggugccUacu.....	1
Gi2_10758421_x3.....cguggaaacacggggugcUcga.....	1
Gi2_10822783_x3.....uUggagacgucguggaaaca.....	1

Gi2_10804405_x3....aucggagacgucgugggaacacgggAug..... 1
 Gi3_27924137_x3.....gugggaacacgUggugccga..... 1
 Gi3_27865241_x3.....acgucgugggGacacggggugc..... 1
 Gl1a_5853256_x3.....ugggaaUacggggugccgaacu..... 1
 Gi3_27932597_x3....gaucggagacAucgugggaacacgggg..... 1
 Gi2_10750255_x3.....gggaacacggAgugccgaac..... 1
 Gi2_10806037_x3cugcgauccgagacgucgA..... 1
 Gi3_27913664_x3.....gacgucgugggaacacggggugcUgaac..... 1
 Gl1a_5859112_x3.ugcgauccgGgacgucgu..... 1
 Gi3_27955556_x3.....gagacgucgugggaGcacggggu..... 1
 Gl4_548769_x3....aucggagacgucgugggaacacgggggu..... 0
 Gi3_27891737_x3.....Ugagacgucgugggaacacggggugc..... 1
 Gi2_10807750_x3....aucggagacguAgugggaacacggggugc..... 1
 Gi1_4086681_x3.....gugggaacacggggugccgCac..... 1
 Gi3_27851837_x3.....gucguAggaacacggggugcc..... 1
 Gi2_10778554_x3.....ggagacgucgugggaacacggggugAc..... 1
 Gi3_27965708_x3.....Agagacgucgugggaacacggggugccgaa..... 1
 Gi2_10770733_x3....cggagacgucgugggaacacAgggugc..... 1
 Gi3_27878072_x3.....gggaacacNgggugccgaacuu..... 1
 Gi3_27832283_x3.....cCucgugggaacacggggugccga..... 1
 Gi1_4059210_x3.....acgucgugNgaacacggggugccgaac..... 1
 Gi2_10791646_x3.....gacgucgugggaGcacggggugc..... 1
 Gi3_27877439_x3....aucggagacguUgugggaacacggggugcc..... 1
 Gi5_8694947_x3.....ugggUacacggggugccgaa..... 1
 Gi3_27924791_x3....gaGcggagacgucgugggaacac..... 1
 Gi3_27824306_x3....aucggagacgucgugggaacUcggggu..... 1
 Gi2_10739329_x3.....acgucgugAgaacacggggugccgaacu..... 1
 Gi3_27833963_x3.....aGgucgugggaacacggggugccga..... 1
 Gi5_8666564_x3.....Aacgucgugggaacacggggugccgaac..... 1
 Gi2_10822879_x3.....gucgugggaacacggggCgccg..... 1
 Gi3_27967715_x3.....Ugagacgucgugggaacacggggug..... 1
 Gi3_27939089_x3....gaGcggagacgucgugggaacacgggggu..... 1
 Gi3_27856013_x3.....acgucgugAgaacacggggugccgaa..... 1
 Gi2_10823692_x3.....Uggagacgucgugggaacacgggggu..... 1
 Gl1a_5857135_x3.....ggaacacggggugcAgaacu..... 1
 Gl4_546303_x3....aucggagacgucgugggaacacggggugc..... 0
 Gl1_4071414_x3.....acgucgugggUacacggggugccgaacu..... 1
 Gl1_4064145_x3.....gucgugggaacacggggugGc..... 1
 Gi3_27911222_x3....cAgagacgucgugggaacacgggggu..... 1
 Gl1_4088517_x3.....acUucgugggaacacggggugccg..... 1
 Gi2_10777033_x3.....ggNacacggggugccgaacu..... 1
 Gi2_10799812_x3.....gacgucguNggaacacgggggu..... 1
 Gi2_10823332_x3.....cgugggaacGcggggugccg..... 1
 Gi2_10808470_x3.....ugggaacaNggggugccgaacuu..... 1
 Gi3_27972911_x3....aucggagaUgucgugggaacacgg..... 1
 Gi2_10806004_x3.....gugggaacaAggggugccga..... 1
 Gl1_4065732_x3.....ggaCcacggggugccgaacu..... 1

Gi1_4080531_x3.....auUggagacgucgugggaacacgg.....	1
Gi2_10814653_x3....gaucggagGcgucgugga.....	1
Gi5_8671298_x3.....ucggagacNucgugggaacacg.....	1
Gi2_10728463_x3.....ggagacgucgugAgaacacggggugcc.....	1
Gi3_27948209_x3.....acgucgugNgaacacggggugccga.....	1
Gl1a_5815156_x3.....cgugggaacacggggugccGacu.....	1
Gi2_10737010_x3...cAaucggagacgucgugggaacacggggugc.....	1
Gi2_10761067_x3....aucggagacgucgugggaaUacggggugc.....	1
Gi3_27960374_x3.....cggagGcgucgugggaacac.....	1
Gi2_10812571_x3....aucggagacguUgugggaacacggggg.....	1
Gi3_27928439_x3.....cgugggaacaUggggugcc.....	1
Gi5_8681321_x3...cUaucggagacgucgugggaacacggg.....	1
Gi2_10758526_x3.....acgucgugggaacacggggugGcgaacu.....	1
Gi2_10768621_x3.....cgucgugggaacCcggggugccga.....	1
Gi3_27942389_x3.....ucgugggaacCcggggug.....	1
Gi2_10774135_x3.....acgucAugggaacacggggugccgaac.....	1
Gi3_27821660_x3.....gugggaacacUgggugccga.....	1
Gi3_27807353_x3.....cgugggaacacgCggugcc.....	1
Gi3_27921188_x3.....gacgCcgugggaacacggggugccgaac.....	1
Gi4_547791_x3.....gGgggaacacggggugccgaac.....	1
Gi3_27803402_x3.....gugggaacacgUggugcc.....	1
Gi3_27802805_x3....gaucggagacgCcgugggaacacgggg.....	1
Gi1_4088400_x3.....Ggacgucgugggaacacggggugcc.....	1
Gl1a_5826922_x3....aucggagacgucgugggaacacggggC.....	1
Gi3_27825254_x3.....ucgugggaacacggggugcGgaacu.....	1
Gi5_8697584_x3.....ugggaacacggggugccgaaU.....	1
Gi2_10821940_x3..gcgaucggagacgucgug.....	0
Gi3_27815522_x3.....ggaacacggggUuccgaa.....	1
Gi3_27901427_x3.....cgucAugggaacacggggugc.....	1
Gi1_4056027_x3.....Ugacgucgugggaacacggggugccgaacu.....	1
Gi3_27869987_x3.....ggagacgucgugggaacGcg.....	1
Gi3_27901238_x3.....aacacggggugccCaacu.....	1
Gi3_27946997_x3.....gugggaacacgUggugccgaa.....	1
Gi2_10759594_x3.....cgugggaacacUgggugcc.....	1
Gi3_27815444_x3.....uggAaacacggggugccg.....	1
Gi1_4086879_x3.....cgugggaacacggggugcGgaacu.....	1
Gi1_4075593_x3.....gacgucgugggaacCcggggugccgaacu.....	1
Gl1a_5832430_x3.....cgGgggaacacggggugcc.....	1
Gi5_8675609_x3.....acgAcgugggaacacggggugccgaacu.....	1
Gi1_4052616_x3.....Augggaacacggggugccg.....	1
Gi1_4061307_x3.....ggaacacggggugccgUacu.....	1
Gi5_8696045_x3.....gggaGcacggggugccgaa.....	1
Gi2_10758874_x3....aucggagacgucgugggaacacggggugAc.....	1
Gi5_8692325_x3....aucggagacgucguggaaUacg.....	1
Gi3_27975788_x3.....cggGgacgucgugggaacacggg.....	1
Gi5_8676794_x3.....guUggaacacggggugccgaa.....	1
Gl1a_5834938_x3.....ugggaacacggggugcAgaacu.....	1

Gi1_4055142_x3.....cAgagacgucgugggaacacggggugcc..... 1
Gi2_10776541_x3.....uAggaacacggggugccgaa..... 1
Gi2_10822456_x3.....cgucguAggaacacggggugc..... 1
Gi5_8706362_x3.....gggaacaUggggugccgaac..... 1
Gi3_27928310_x3.....ucggagacgCcgugggaacacggggugcc..... 1
Gi3_27933242_x3.....cgugggCacacggggugcc..... 1
Gi3_27927239_x3....gaucgAagacgucgugggaacacggggg..... 1
Gi3_27874235_x3.....cgucgugggaaAacggggugccga..... 1
Gi2_10738150_x3.ugcgauccgCgacgucgugggaaca..... 1
Gi5_8698481_x3.....ucgugggaacacgggUugccgaacu..... 1
Gi2_10774417_x3.....gggaacCggggugccgaac..... 1
Gi3_27901463_x3.....agacgucgugggaacGcggggugccgaacu..... 1
Gi2_10756315_x3.....cgucgugggaacacgAggugccg..... 1
Gi1_4076172_x3.....ucggagacgucgugggGacacg..... 1
Gi2_10768330_x3....Caucggagacgucgugggaacacg..... 1
Gi2_10814581_x3.....ucggagacgucgCgggaacacgggg..... 1
Gi2_10729516_x3.....agacgucgugggaacacgggAugcc..... 1
Gi1_4080198_x3.....ucgugggaCcacggggugcc..... 1
Gi1_4082853_x3.....cgugggaacacggggCgccg..... 1
Gi3_27870863_x3.....gucgugggaacGcggggugccga..... 1
Gi3_27918530_x3....aucggagacgucgugggaaAac..... 1
Gi1_4074717_x3.....gggaGcacggggugccgaac..... 1
Gi3_27968057_x3....gaucggCgacgucgugggaacacggg..... 1
Gi1_4052958_x3.....ucgugggaacacggggugAcgaaacu..... 1
Gi4_552456_x3.....ugggaacacggggugccgaaAu..... 1
Gi2_10793179_x3.....ucgugggaacacggggugccgaUcu..... 1
Gi3_27953717_x3....Caucggagacgucgugggaacacgggg..... 1
Gi2_10817077_x3.....cggUgacgucgugggaacacggggugcc..... 1
Gi3_27951293_x3....aucCgagacgucgugggaacacggggugc..... 1
Gi2_10755268_x3.....ggagacgucgugggaacacggggGgc..... 1
Gi1_4081326_x3....gaucggagNcgucguggg..... 1
Gi3_27883913_x3.....ugggCacacggggugccg..... 1
Gi1_4070493_x3.....gAgggaacacggggugccga..... 1
Gi2_10805773_x3.....gugggaacacUgggugccg..... 1
Gi2_10813573_x3.....cgugggaacaAggggugccgaac..... 1
Gi1_4052178_x3.....aacacgUggugccgaacu..... 1
Gi1_4049010_x3.....gugggaCcacggggugccgaacu..... 1
Gi2_10757023_x3.....ugggaacacggggugccgaaU..... 1
Gi2_10803373_x3.....agacgucgugggaacGcggggugccgaacu..... 1
Gi2_10749727_x3....aucggagacgCcgugggaac..... 1
Gi2_10810957_x3....gaucggagacgucgugggaacCcggggugc..... 1
Gi3_27805952_x3.....gugggaacacggggUuccg..... 1
Gi3_27886172_x3.....ugggaacaGggggugccga..... 1
Gi3_27944330_x3.....ggaacacggggugccgCa..... 1
Gi2_10817665_x3....gGucggagacgucgugggaaca..... 1
G1a_5835508_x3.....Ggugggaacacggggugcc..... 1
Gi3_27878966_x3.....cggagacguUgugggaacacggggg..... 1

Gi2_10728643_x3.....cguggaacacggggGgccgaa..... 1
Gi5_8699957_x3.....guggaacacAgggugccga..... 1
Gi5_8702303_x3.....gggaacacggggugccgaaU..... 1
Gi3_27841475_x3.....guggaacacgggguCcc..... 1
Gi3_27946538_x3.....gucgugggNacacggggug..... 1
G1a_5861968_x3.....guggaacacggCgugccgaacu..... 1
Gi3_27890897_x3...cgaucggagacgucguggaacacggggG..... 1
Gi3_27811253_x3...gaucggagacgucgugggaCcacg..... 1
Gi5_8706773_x3.....ggGacacggggugccgaac..... 1
Gi2_10741690_x3.....Aggaacacggggugccga..... 1
Gi3_27859553_x3.....cggagacgucguUggaacacggggg..... 1
Gi2_10758130_x3.....ggaacaAggggugccgaac..... 1
Gi3_27827144_x3.....ggagacguUguggaacacggggg..... 1
Gi2_10748338_x3.....gggaacacggggUccgaacu..... 1
Gi2_10795438_x3.....cggagGcgucguggaacacggggg..... 1
Gi4_549546_x3.....ucguUggaacacggggugccgaacu..... 1
Gi2_10781374_x3.....uggaacGcggggugccg..... 1
Gi3_27834089_x3.....ggagacgucguggaacGcggggugcc..... 1
G1a_5853475_x3.....gaacacggggugccgaCcu..... 1
Gi5_8669738_x3.....ucguggaacacggggugcGgaacu..... 1
Gi2_10796344_x3.....aucggagacgucguggaaAacggggugc..... 1
Gi5_8715755_x3.....guggaacacGggggugccgaacu..... 1
Gi3_27820862_x3.....aucggagacAucguggaacac..... 1
Gi2_10749271_x3...gaucggagacgucGgggaacacggggug..... 1
Gi2_10762348_x3.....aucggagacguUguggaacacggggg..... 1
Gi1_4077852_x3.....ugggCacacggggugccgaacu..... 1
Gi5_8701061_x3.....agacgucguggaacacggggAgccgaacu..... 1
Gi2_10752463_x3.....ucguggaacacggggAgccgaac..... 1
G1a_5815954_x3...gUucggagacgucguggga..... 1
Gi5_8656670_x3.....gugggaaUacggggugccg..... 1
Gi2_10740502_x3...Uucggagacgucguggaacac..... 1
Gi2_10749670_x3.....acgucAugggaacacggggugcc..... 1
Gi3_27952910_x3.....cggauacgucguggaacacg..... 1
Gi2_10816861_x3.....gucguggAaacacggggugccgaac..... 1
Gi2_10735225_x3.....cggagacgucgugggaCcacggggugc..... 1
Gi3_27856406_x3.....ucguggaacacggAgugccg..... 1
Gi3_27870818_x3.....gacgucguggaacacggUgugccgaac..... 1
Gi3_27917177_x3.....cgucguggaacUcggggugccga..... 1
Gi3_27863285_x3.....aucggagacgAcguggaacacg..... 1
Gi1_4053558_x3.....gugggGacacggggugcc..... 1
Gi3_27890750_x3.....agaUgucguggaacacggggugccgaacu..... 1
Gi1_4048449_x3.....cUgagacgucguggaacacggggugccgaacu..... 1
Gi2_10820941_x3.....uggaacacggggugAcgaac..... 1
G1a_5869438_x3.....guggaacacggAgugccga..... 1
Gi5_8705672_x3.....cgGgggaacacggggugccga..... 1
Gi3_27929303_x3...cAaucggagacgucguggaacacggggg..... 1
Gi1_4071327_x3.....agacgucguggaacacAgggugccgaacu..... 1

Gi3_27850148_x3.....ggagacgucguAggaacacggggg..... 1
G1a_5825428_x3.....gggaacacggggugccgUacu..... 1
Gi2_10809958_x3.....gAagacgucgugggaaacacggggugcc..... 1
Gi5_8696801_x3.....cgugggaacCcggggugccgaac..... 1
Gi3_27912089_x3.....gugggaacacCggggugccga..... 1
Gi3_27881111_x3.....gacAucgugggaaacacggggugccgaacu..... 1
Gi3_27807521_x3.....cgucgugggaaacacggCgugccgaacu..... 1
Gi1_4075632_x3.....cgugggaGcacggggugccgaa..... 1
Gi5_8705129_x3.....acgucgugggaaUacggggugccgaacu..... 1
Gi2_10740481_x3.....ggAaacacggggugccgaac..... 1
G1a_5850442_x3....aCcgagacgucgugggaaacacggggg..... 1
Gi3_27918212_x3....aucgUagacgucguggg..... 1
Gi2_10763998_x3.....ggagacguNgugggaaacacggggugc..... 1
Gi5_8709968_x3.....agacgucgugggaaacacgggggUaccgaacu..... 1
G1a_5826586_x3.....Aaacacggggugccgaacu..... 1
Gi5_8695256_x3.....ggaaGacggggugccgaac..... 1
Gi5_8699030_x3.....cgugggaacGcggggugcc..... 1
Gi3_27894050_x3.....ucggagacNucgugggaaacacggggg..... 1
Gi5_8693672_x3.....gugggaacacggggugccgaC..... 1
Gi3_27957194_x3.....gUagacgucgugggaaacacggggugc..... 1
Gi1_4086768_x3.....Agagacgucgugggaaacacggggugcc..... 1
Gi3_27839636_x3.....Ccgugggaacacggggugccgaa..... 1
Gi2_10779133_x3.....ggagacAucgugggaaacacggggugcc..... 1
Gi2_10798459_x3.....Uucggagacgucgugggaaacacggggugcc..... 1
Gi3_27942383_x3....gauUggagacgucgugggaaacacg..... 1
G1a_5832079_x3....gaucggagacgCcgugggaacacggg..... 1
Gi1_4074924_x3.....ucgugggaacacggggugccgaUcu..... 1
Gi1_4076070_x3.....gGcucgugggaaacacggggugcc..... 1
Gi3_27947603_x3.....uggUaacacggggugccgaac..... 1
G1a_5821597_x3.....ggaacCcggggugccgaacu..... 1
Gi2_10766044_x3.....uggCaacacggggugccgaacu..... 1
Gi5_8705870_x3.....ugggaacacggggugcAgaac..... 1
Gi2_10766893_x3....gaucggagNcgucgugggaaacacg..... 1
Gi2_10775620_x3.....ugggaacacggAgugccgaac..... 1
Gi2_10749937_x3....aucggagacgAcgugggaaaca..... 1
Gi2_10756420_x3.....acgucgugggaaacGcggggugc..... 1
Gi1_4081533_x3.....cgugggaGcacggggugccg..... 1
Gi2_10784011_x3.....Ugacgucgugggaaacacggggg..... 1
Gi2_10787239_x3....Ggaucggagacgucgugggaaaca..... 1
Gi2_10811233_x3.....cgucgugggaaacacggggUaccgaa..... 1
Gi3_27875804_x3....Ggaucggagacgucgugggaaacacgg..... 1
Gi3_27931370_x3.....acgucgugggaaGacggggugccgaac..... 1
Gi1_4059636_x3.....ucguggUaacacggggugccgaacu..... 1
Gi3_27953096_x3.....cgugggUaacacggggugccga..... 1
Gi2_10777042_x3.....gacgucgugggaaacacggggugccgaaAu..... 1
Gi2_10813876_x3.....gUagacgucgugggaaacacggggugccgaacu..... 1
Gi2_10808905_x3.....gucguAggaacacggggugccgaac..... 1

Gi2_10765219_x3.....cgucgugggaacacggggugccC..... 1
Gi5_8698763_x3.....uggaUcacgggugccgaac..... 1
Gi1_4069764_x3.....uggaGcacgggugccgaacu..... 1
Gi5_8661548_x3.....ugCgaacacgggugccgaacu..... 1
Gi3_27835814_x3.....cgucguggaaAacggggugccg..... 1
Gi2_10794466_x3.....aucggagacgucgugggaacacgggAugc..... 1
Gi2_10745254_x3.....gaucgAagacgucgugggaaca..... 1
Gi3_27833312_x3.....aucggagacgucgugggaUcacggggu..... 1
Gi3_27925109_x3.....gcgaucggNgacgucgug..... 1
G1a_5866222_x3.....aucggagacgucgugggaG..... 1
Gi1_4088766_x3.....ggaGcacgggugccgaac..... 1
Gi5_8692316_x3.....cAugggaacacgggugccga..... 1
G1a_5840905_x3.....cUgagacgucgugggaacacg..... 1
Gi2_10736158_x3.....cgugggaCcacgggugc..... 1
Gi3_27963245_x3.....aucggagacgucgAgggaacacggggu..... 1
Gi3_27824693_x3.....agacgucgugggaacacgggugccgaacG..... 1
Gi3_27912560_x3.....guAgugggaacacgggugccgaac..... 1
Gi5_8686826_x3.....gugggaacGcggggugccg..... 1
Gi2_10736995_x3.....gaucggagacgucgugggaacCc..... 1
Gi5_8691650_x3.....gggaacacgggugGcgaacu..... 1
Gi1_4085907_x3.....acgucgugggaacaAggggugccgaacu..... 1
Gi3_27799826_x3.....aucggagacgucgugggaacaAg..... 1
Gi3_27846467_x3.....gugggaacacgggugGcga..... 1
Gi3_27918179_x3.....guNggaacacgggugccga..... 1
Gi3_27859004_x3.....gggaacacCgggugccgaac..... 1
Gi3_27953486_x3.....gggaacacgggguUccgaac..... 1
G1a_5844055_x3.....gaacacgggugccAaac..... 1
Gi1_4075824_x3.....cgugggaacacgggugccgaCc..... 1
G1a_5835673_x3.....aucggagacgucAugggaacacg..... 1
Gi2_10798792_x3.....gaucggagacgucgugggaAacgggugc..... 1
Gi3_27839084_x3.....gaucggagacgucguggGac..... 1
Gi2_10789837_x3.....ggUgacgucgugggaacacgggugccgaa..... 1
Gi2_10818196_x3.....gugggaacacgggguCccgaac..... 1
Gi2_10775545_x3.....gaucggagGcugcugggaacacg..... 1
Gi5_8663633_x3.....gugggaacacgggguCccgaacu..... 1
Gi2_10735897_x3.....gaucggaAacgucgugggaacacggg..... 1
G1a_5826532_x3.....gugggaacUcgggugccgaacu..... 1
Gi3_27907856_x3.....gGgaucggagacgucgugggaaca..... 1
Gi2_10795309_x3.....cgucgugggaUacgggugccgaacu..... 1
Gi5_8677325_x3.....gucgugggaacacgggugccgUacu..... 1
Gi2_10787143_x3.....gaucggagacgucAugggaacacgggugc..... 1
Gi2_10799326_x3.....ugcgGucggagacgucguggga..... 1
Gi1_4088841_x3.....gugggaacGcgggugcc..... 1
Gi3_27864185_x3.....cgucgGgggaacacgggugccga..... 1
Gi3_27941927_x3.....gacgucgugggaacacgggugcAgaacu..... 1
G1a_5862913_x3.....gugggaacaGgggugccgaacu..... 1
Gi2_10790197_x3.....gggaacacgggugccCaacu..... 1

Gi2_10737316_x3.ugcgaucgNagacgucgugggaaaca..... 1
 Gi3_27979238_x3...Caucggagacgucgugggaaacac..... 1
 Gi3_27962765_x3.....uggaacacgggCugccg..... 1
 Gi1_4074723_x3.....guNggaaacacgggugccgaacu..... 1
 Gi3_27971141_x3.....aucggagacgucgugggaaUcacggggugcc..... 1
 Gi3_27905708_x3.....cgucgugggaaacacggggugccC..... 1
 Gi5_8715926_x3.....aacacggggugccCaacu..... 1
 Gi3_27803885_x3.....gucgGgggaacacggggugccga..... 1
 Gi5_8697986_x3.....gggaacUcggggugccgaacu..... 1
 Gi5_8678357_x3.....ucUugggaacacggggugccgaac..... 1
 Gi1_4059420_x3.....cgucgugggaaAacggggugccgaacu..... 1
 Gi2_10784227_x3.....gacgucguggAaacacggggugccg..... 1
 Gi1a_5822872_x3.....gAaacacggggugccgaac..... 1
 Gi5_8688542_x3.uUcgaucggagacgucgugggaaacacg..... 1
 Gi5_8652710_x3.....cgugggaaacacggggUAccgaac..... 1
 Gi2_10809664_x3...gaucggagacgucgugggaaGca..... 1
 Gi2_10826632_x3.....cgAcgugggaaacacgggg..... 1
 Gi3_27803858_x3.....gucgugggaaGcacggggU..... 1
 Gi1a_5876032_x3...Uaucggagacgucgugggaaacac..... 1
 Gi1_4052067_x3.....ggaacacggAgugccgaacu..... 1
 Gi2_10761133_x3.....aUacgucgugggaaacacggggU..... 1
 Gi1a_5867491_x3.....gggaaUacggggugccgaacu..... 1
 Gi3_27865178_x3.....gacNucgugggaaacacggggugccgaacu..... 1
 Gi3_27910703_x3.....cAgagacgucgugggaaacacg..... 1
 Gi3_27883538_x3.....gacgucgugggaaacacgggAugccg..... 1
 Gi3_27921569_x3.....gacgucgugggaaacCcgggugccgaac..... 1
 Gi3_27930425_x3...gaucggagacgucgugggaaacaUggggugc..... 1
 Gi3_27934391_x3.....gugggaaacacggggUccgaac..... 1
 Gi4_545877_x3.....gugggaaacacggggugcUgaacu..... 1
 Gi3_27871880_x3.....gucgugUgaacacggggugccgaacu..... 1
 Gi3_27879404_x3.....gUgacgucgugggaaacacggggugccgaacu..... 1
 Gi2_10729045_x3.....ggaacacgCggugccgaac..... 1
 Gi3_27869366_x3.....cggagacgucgugggaaCcacggggU..... 1
 Gi2_10825615_x3...gaCcgagacgucgugggaaacac..... 1
 Gi2_10743364_x3.....acgucgugggaaacacggggugcU..... 1
 Gi1_4071903_x3.....ucgugggaaacacAgggugcc..... 1
 Gi2_10791397_x3.....ucgugggaaacacggUgugccgaacu..... 1
 Gi1a_5876332_x3.....gugggaaacacggggugccgUacu..... 1
 Gi2_10740979_x3.....ggagacgucgugggaaacacggggCgccg..... 1
 Gi1_4063695_x3.....ggUgacgucgugggaaacacggggugc..... 1
 Gi1a_5849782_x3...gaucggagacgucgugggaaGcacggg..... 1
 Gi2_10736134_x3.....gacgucgugggaaacacggggCgccgaac..... 1
 Gi2_10740928_x3...aucggaAacgucgugggaaacacggggU..... 1
 Gi3_27933230_x3.....Gcggagacgucgugggaaacacgg..... 1
 Gi1a_5854384_x3...cgugggaaacaAgggugccgaacu..... 1
 Gi3_27797693_x3.....cgugggaaacacggggugccC..... 1
 Gi2_10788781_x3.....cgugggaaacGcggggugccgaa..... 1

Gi3_27824561_x3.....ucgugggaacacggggugccUaacu..... 1
 Gi2_10759966_x3.....aucggagacgucgugggCacacg..... 1
 Gi3_27857159_x3.....Ngggaacacggggugccgaa..... 1
 Gi2_10737043_x3.....gucgugggaacaAggggugccgaacu..... 1
 Gi2_10798342_x3.....gaucggCgacgucguggga..... 1
 Gi3_27893177_x3.....cgugggaacacggggugAcgaa..... 1
 Gi3_27978533_x3.....gucgugggaacacgggAu..... 1
 Gi2_10779586_x3.....cgaucggaNacgucgugggaacacggggu..... 1
 Gi3_27896921_x3.....cgucgugggCacacggggugc..... 1
 Gi2_10734847_x3.....cgugggaacacggggugccA..... 1
 Gi3_27860228_x3.....gacgucgugggaacacAggggugccgaac..... 1
 Gi3_27812168_x3.....gggaacaGggggugccgaac..... 1
 Gi2_10744240_x3.....acgucgugNgaacacgggggu..... 1
 Gi3_27835445_x3.....gucgAgggaacacggggugccgaac..... 1
 Gi2_10782271_x3.....cggagacgucgCgggaacacgggggu..... 1
 Gi5_8664815_x3.....gucgugggaacaGggggugccgaacu..... 1
 Gi1_4060938_x3.....gggNacacggggugccgaacu..... 1
 Gi2_10798510_x3.....gucgCgggaacacggggugc..... 1
 Gi2_10736659_x3.....acgucgugggaacCggggugccgaac..... 1
 Gi1_4088286_x3.....ugggaacacAggggugccgaac..... 1
 Gi5_8659343_x3.....gugggaacacgggUugccgaacu..... 1
 Gi2_10816447_x3.....Ngaacacggggugccgaacu..... 1
 Gi5_8694095_x3.....cUgagacgucgugggaacacg..... 1
 Gi2_10812775_x3.....gaucggagacgCcgugggaacacggggugcc..... 1
 Gi5_8697707_x3.....Cucgugggaacacggggugccgaac..... 1
 Gi2_10804090_x3.....agacgCcgugggaacacggggugccgaacu..... 1
 Gi1_4070628_x3.....ugggaacaUggggugccgaac..... 1
 Gi2_10801885_x3.....cgugggaacacggggugA..... 1
 Gi2_10779910_x3.....ggagacgucgugggaacacggggugUc..... 1
 Gi2_10738555_x3.....ucguAggaacacggggugccg..... 1
 Gi2_10819327_x3.....gacgucgugggaacacggggugccgGacu..... 1
 Gi5_8663657_x3.....gggaacacggggugcGgaacu..... 1
 Gi3_27877019_x3.....cgucgugggaacacgggguAccgaac..... 1
 Gi1_4054935_x3.....ugggaacacggggugccgaacG..... 1
 Gi2_10736221_x3.....gaacacgggUugccgaacu..... 1
 Gi1_4073469_x3.....cgaucggagacgucgugggGacacggggu..... 1
 Gi3_27953948_x3.....ugggaacacggAgugccg..... 1
 Gi5_8697425_x3.....gucgugggaacacggggugccgaCc..... 1
 Gl1a_5871514_x3.....gugggaacacggggCgcca..... 1
 Gi3_27852401_x3.....gacgucgugggaacacggAgugccgaacu..... 1
 Gi3_27834959_x3.....gacgucgugggaacacggggugccgaaU..... 1
 Gi3_27974006_x3.....ucggagacgucgugggaacacgggg..... 0
 Gi2_10822171_x3.....cgugggaacacggggugGcgaac..... 1
 Gi2_10806874_x3.....gggaacaUggggugccgaac..... 1
 Gi3_27809537_x3.....cAgagacgucgugggaacac..... 1
 Gi3_27802835_x3.....gugggaacacUggggugccgaa..... 1
 Gi2_10734931_x3.....gaucggagacgucgugggaacacgAggugc..... 1

Gi1_4059642_x3.....ucgugAgaacacggggugcc.....	1
Gi3_27860627_x3.....ggagacgucgugggaaacG.....	1
Gi2_10791268_x3.....auNggagacgucgugggaaacacggggug.....	1
Gi1_4088328_x3.....guggaaacacCgggugccgaacu.....	1
Gi5_8663171_x3.....uggaaacacgggUugccgaac.....	1
Gi3_27846491_x3.....uggaaacacgggCugccgaa.....	1
Gi2_10729423_x3.....aucggagacgucGgggaacacggggugc.....	1
Gi3_27896396_x3.....ucgugggaaacacAgggugc.....	1
G1a_5848498_x3.....cgugggaaacacggggCgcc.....	1
Gi2_10786291_x3.....Ggucgugggaaacacgggg.....	1
Gi1_4078929_x3...gaucggagacgucgugggaaacacgggg.....	0
Gi2_10824700_x3.....uggaaacacAgggugccga.....	1
G1a_5834758_x3.....gUagacgucgugggaaacacg.....	1
Gi1_4060617_x3.....cgucgugggUacacggggugccgaacu.....	1
Gi1_4080093_x3.....cgugggUacacggggugccgaacu.....	1
Gi3_27813257_x3.....gucgugggaaacacggggugccUaacu.....	1
Gi2_10821991_x3.....gugNgaacacggggugccg.....	1
Gi2_10734526_x3.....gucgugggaaacacggggugGcgaacu.....	1
Gi3_27866933_x3.....gggaacacggggugccgaaG.....	1
Gi2_10740643_x3.....aucggagacgucgugggaaAacgggg.....	1
Gi5_8667788_x3.....ggaacacggggugccAaac.....	1
Gi5_8715584_x3.....aucggagCcgucgugggaaacacgggg.....	1
G1a_5829289_x3.....Uucgugggaaacacggggugccga.....	1
Gi1_4059369_x3...cgaucggGgacgucgugggaaac.....	1
Gi2_10814404_x3.....aucggagacgucAugggaaca.....	1
Gi1_4078182_x3.....gaacGcggggugccgaac.....	1
Gi1_4053834_x3.....aucggagacgCcgugggaaacacg.....	1
Gi1_4054857_x3.....Ugugggaaacacggggugccg.....	1
Gi3_27824768_x3.....Ngaacacggggugccgaac.....	1
Gi1_4073040_x3.....Cugggaaacacggggugccg.....	1
Gi3_27870071_x3...gaucggGgacgucgugggaaacacg.....	1
Gi1_4085475_x3.....cgugggGacacggggugccgaac.....	1
Gi3_27896612_x3.....gucgGgggaacacggggugcc.....	1
Gi3_27846809_x3.....guggaaacacgggUugccgaac.....	1
Gi2_10811731_x3.....cgugggcCcacggggugccga.....	1
Gi2_10772344_x3.....gucgugggaaacacggggugAcgaacu.....	1
Gi2_10808959_x3.....gucgugggaaacacgUggugccgaacu.....	1
Gi5_8682353_x3.....gacgucgugggaaacGcggggugccgaacu.....	1
G1a_5850379_x3.....uggaaacacggggugcUgaacu.....	1
Gi5_8709788_x3.....cgugggaaacacGggggugccgaacu.....	1
Gi3_27868268_x3.....cgucgugggaaacacggggAgc.....	1
Gi5_8682854_x3.....ucgugggaaacacggggGgccgaac.....	1
Gi3_27836657_x3.....cgucgugggaaacacggggugAcgaac.....	1
Gi2_10740382_x3.....agacUucgugggaaacacggggugccgaacu.....	1
Gi3_27953765_x3.....agaUgucgugggaaacacggggugccgaac.....	1
G1a_5853190_x3.....cgugggaaacacggggugccgaacA.....	1
Gi3_27884267_x3.....cAucgugggaaacacggggugc.....	1

Gi3_27878522_x3.....cguggaacacgggCugccgaa..... 1
 Gi3_27901826_x3.....gucguggaacCcgggugcc..... 1
 Gi1_4062510_x3.....cgucguggaacacggggCgcc..... 1
 Gi2_10822813_x3...gaucggagacgucguAgga..... 1
 Gi2_10825567_x3.....gucguggaacacggggugccgaaA..... 1
 Gi3_27846416_x3...cgauUggagacgucgugggaacacggg..... 1
 Gi1_4078347_x3.....gucgugAgaacacggggugccgaacu..... 1
 Gi1_4062069_x3.....gGgacgucguggaacacggggugc..... 1
 Gi3_27878099_x3cGgcgaucggagacgucg..... 1
 Gi5_8667566_x3.....cgucgGgggaacacggggugccgaacu..... 1
 Gi2_10793518_x3...aucggagacgucgugggaGcacgg..... 1
 Gi3_27894638_x3.....cgucguggaacacAggg..... 1
 Gi5_8706923_x3.....gaacacggggugccGac..... 1
 Gl1a_5836210_x3.....guggAaacacggggugccga..... 1
 Gi3_27923399_x3...gaucggagaUgucguggaacacgggg..... 1
 Gi2_10822768_x3.....guggaacNcgggugccgaacuu..... 1
 Gi5_8680430_x3.....gggaacaAgggugccgaacu..... 1
 Gi2_10784359_x3...acgucgCgggaacacggggugcc..... 1
 Gi1_4074774_x3.....aAacgucguggaacacggggugccgaacu..... 1
 Gi5_8680856_x3...aucggagacgucgugggaGcacgggg..... 1
 Gi2_10795690_x3...agacgucgugggaCcacggggugc..... 1
 Gi5_8662361_x3.....cgaguucguugggagcgcaggcaggA..... 1
 Gi3_27924971_x3.....ggagacgucguggaacCcggggu..... 1
 Gi3_27908183_x3.....acgucguUggaacacggggugccgaacu..... 1
 Gi5_8694332_x3...aCgggagacgucguggaacacgg..... 1
 Gi3_27838670_x3.....gggaacacggggGgccga..... 1
 Gi2_10783819_x3.....gacgucguggaacacggggAgcc..... 1
 Gi2_10804882_x3.....cgucguggaacacggggugccUacu..... 1
 Gi3_27848435_x3...gagacgucgCgggaacacggggugccgaac..... 1
 Gi3_27878891_x3cugcgaucNgagacgucg..... 1
 Gi4_550002_x3.....Ggacgucguggaacacggggugcc..... 1
 Gi1_4079169_x3.....gacgucguggaacacggggugAcgaacu..... 1
 Gi5_8702969_x3.....Uguggaacacggggugccga..... 1
 Gi2_10746376_x3...cggagacgucguAggaacacggggugcc..... 1
 Gi3_27948998_x3.....Aucguggaacacggggug..... 1
 Gi3_27960152_x3.....acgucgugNgaacacggg..... 1
 Gi5_8655326_x3.....gCgggaacacggggugccgaacuu..... 1
 Gi2_10764997_x3...auUggagacgucguggaacacgg..... 1
 Gl1a_5840086_x3.....Ggucguggaacacggggugccgaacu..... 1
 Gi3_27861509_x3.....uggaacacggggugccUaa..... 1
 Gi3_27851339_x3...aucNgagacgucguggaacacggg..... 1
 Gi2_10738690_x3.....ucguggaUcacggggugccgaacu..... 1
 Gi2_10814737_x3...gaucggagacgucguggaacacggggAgcc..... 1
 Gi2_10740571_x3.....gggaacacggggCgccgaa..... 1
 Gi1_4078923_x3.....ucguggaacacggggugcGgaacu..... 1
 Gi2_10820890_x3.....Naacacggggugccgaacu..... 1
 Gi1_4071504_x3...auUggagacgucguggaacacggggugc..... 1

Gi1_4081626_x3.....agacgucgugggGacacggggugccgaacu..... 1
G1a_5847826_x3.....uggaacacggAgugccgaacu..... 1
G1a_5842435_x3.....Uagacgucgugggaacacg..... 1
Gi3_27900527_x3...gUucggagacgucgugggaacacgggg..... 1
G1a_5870518_x3.....Augggaacacggggugccgaac..... 1
Gi3_27979223_x3.....ggUgacgucgugggaacacgg..... 1
Gi3_27924209_x3.....ucgCgggaacacggggugc..... 1
Gi3_27820901_x3.....acacggggugccgCacuu..... 1
Gi2_10736566_x3.....gugggaaAacggggugccga..... 1
Gi5_8679866_x3.....cgugggUacacggggugccgaac..... 1
Gi3_27848702_x3.....cAucgugggaacacggggugccga..... 1
Gi3_27867692_x3.....Gcgucgugggaacacggggugccgaa..... 1
Gi3_27849941_x3.....acgucgugggaacacggggugccA..... 1
Gi5_8655539_x3.ugcgaCcgagacgucgug..... 1
Gi1_4088157_x3....aucggagacgCcgugggaacac..... 1
Gi3_27904814_x3...cgaucggaNacgucgugggaacacggg..... 1
Gi5_8716988_x3.....gggaacacgggAugccgaac..... 1
Gi1_4085787_x3.....uggaacacgggUgugccgaacu..... 1
Gi3_27846413_x3.....cgucgugggaacaAggggugcc..... 1
Gi5_8674031_x3.....ucCugggaacacggggugccgaacu..... 1
Gi2_10784206_x3.....acgucgugAgaacacggggugc..... 1
Gi5_8706596_x3.....gaacacggggugccgaacuu..... 0
G1a_5858080_x3.....Ugagacgucgugggaaca..... 1
Gi5_8694233_x3.....gucguUggaacacggggugccgaacu..... 1
Gi2_10738600_x3.....cgucgugggaCcacggggugcc..... 1
Gi2_10790446_x3.....acgucgugggaUacggggugcc..... 1
Gi3_27970433_x3.....gucguggCaacacggggugccgaacu..... 1
Gi2_10743385_x3...gaucggagacgucgugggaacacggggugccgaacu..... 0
Gi5_8670410_x3...auUggagacgucgugggaaca..... 1
G1a_5814793_x3....aucggagGcgucgugggaacacggggg..... 1
Gi3_27814334_x3.....gggaacCcggggugccgaa..... 1
Gi2_10815790_x3.....agacgucgugggaacacggggGgcc..... 1
Gi3_27865130_x3.....gugggaaUcggggugccgaa..... 1
Gi4_548895_x3.....cgCgggaacacggggugccgaacu..... 1
Gi3_27831113_x3.....gCgaacacggggugccga..... 1
Gi5_8700644_x3.ugcgaucAgagacgucgug..... 1
Gi2_10798681_x3.....ggaacacggggugccgaacuu..... 0
Gi3_27804263_x3.....ucgugggaaUacggggugc..... 1
Gi1_4047867_x3.....cgucgugggaacacggggugccAaacu..... 1
Gi1_4088820_x3.....gUagacgucgugggaacacggggg..... 1
Gi2_10798870_x3...gaucggagaUgucgugggaacacggg..... 1
Gi3_27937094_x3...Ggaucggagacgucgugggaacacggg..... 1
Gi1_4078362_x3.....Cacgucgugggaacacggggugccg..... 1
G1a_5859400_x3....aucggagacguUgugggaacacggggg..... 1
Gi1_4052421_x3....aucggagacgucgugggaacacA..... 1
Gi3_27835448_x3.....gucgugggNacacggggugc..... 1
Gi3_27957062_x3.....gucgugggaGcacggggugccga..... 1

Gi2_10749709_x3.....ucgugggaacacggggugcGgaacu.....	1
Gi5_8676833_x3.....cgucgAgggaacacggggugccgaacu.....	1
Gi5_8715878_x3.....gucgugggaacaAggggugccgaacu.....	1
Gi3_27884156_x3.....agacgucgugggaacacggggugc.....	0
Gi3_27932672_x3.....gauUggagacgucgugggaacac.....	1
Gi1_4081698_x3.....ggagGcgucgugggaacacggggugcc.....	1
Gi5_8677709_x3.....gucgugggaacacggggugccgaacG.....	1
Gi2_10802134_x3.....gagacgucgugggaacacAgggugcc.....	1
Gi3_27946334_x3.....gaucggagacgucgugggaacacggggugccgaac.....	0
Gi5_8715218_x3.....ggaacacggggugccUaacu.....	1
Gi2_10750723_x3.....gauUggagacgucgugggaacacgggggu.....	1
Gi3_27821141_x3.....gugggaacacggCgugccg.....	1
Gi1_4074405_x3.....ggaacacAgggugccgaac.....	1
G1a_5849527_x3.....ucggagacgucgugggGacacggg.....	1
Gi1_4049751_x3.....gucgugggaacacggggGgcc.....	1
Gi1_4084500_x3.....cgucgugggaacacggggugccU.....	1
Gi2_10753072_x3.....gGcgugggaacacgggggu.....	1
Gi3_27916661_x3.....ggaacacggggugccgaa.....	1
Gi1_4060836_x3.....aacacggUgugccgaacu.....	1
Gi2_10813960_x3.....ucguUggaacacggggugc.....	1
Gi2_10762645_x3.....aucggagacgucgugggaacaAg.....	1
Gi2_10805320_x3.....ucggGgacgucgugggaacacggggugccga.....	1
Gi3_27804023_x3.....ggagacgucAugggaacacggggugcc.....	1
Gi1_4080687_x3.....gacgucgugggaacacggggugccgGacu.....	1
Gi3_27871544_x3.....ucggagacgucgugggaGcacggg.....	1
Gi3_27870731_x3.....cggagacgucgugggaacUcggggugcc.....	1
Gi3_27896831_x3.....cgucgugggaUacggggugc.....	1
Gi3_27958514_x3.....gucgCgggaacacggggugccga.....	1
Gi2_10791940_x3.....Acgugggaacacggggugccgaa.....	1
Gi3_27860576_x3.....gugggaacacgggCugccga.....	1
Gi5_8662922_x3.....Uucgugggaacacggggugc.....	1
Gi2_10729795_x3.....cgugAgaacacggggugc.....	1
Gi1_4072599_x3.....Ggacgucgugggaacacggg.....	1
Gi2_10731823_x3.....cgucguggNaacacggggug.....	1
Gi4_550683_x3.....Gcgucgugggaacacggggugccgaacu.....	1
Gi5_8671646_x3.....aucggagacgucgCgggaacacgg.....	1
Gi3_27904043_x3.....aucggagGcgucguggga.....	1
G1a_5857465_x3.....gGcgugggaacacggggugccgaac.....	1
Gi2_10784653_x3.....ucgugggaacacggggugUcg.....	1
Gi2_10826827_x3.....ucgCgggaacacggggugc.....	1
Gi3_27949763_x3.....aucggagacgucgugggaacGcggggugc.....	1
Gi3_27933566_x3.....gacguGgugggaacacggggugccgaacu.....	1
Gi1_4074330_x3.....cgAgggaacacggggugccgaac.....	1
Gi3_27942215_x3.....ggaacacUgggugccgaac.....	1
Gi2_10801654_x3.....agacgucgugggaacacggggugUcgaacu.....	1
G1a_5870446_x3.....cUgagacgucgugggaacacggg.....	1
Gi2_10758391_x3.....aacacCgggugccgaacu.....	1

Gi2_10746226_x3.....ucgugggaacacggggugccga.....	0
Gi3_27958469_x3.....aucggagacUucgugggaacacggggugcc.....	1
Gi3_27861284_x3.....aucggaAacgucgugggaacacgg.....	1
Gi3_27866273_x3.....gaucggagGcgucgugggaacacgg.....	1
Gi2_10813285_x3.....aucggagUcgucgugggaaca.....	1
Gi3_27975020_x3.....gacgucguNggaacacggggg.....	1
Gi1_4069440_x3.....aucgUagacgucgugggaacacg.....	1
Gi3_27861347_x3.....acgucgugCgaacacggggugccgaacu.....	1
Gi3_27863897_x3.....aucggagCcgucgugggaacacggggg.....	1
Gi2_10784431_x3.....aucgAagacgucgugggaaca.....	1
Gi2_10817935_x3.....ucggagacgucGgggaacacggggugcc.....	1
Gi3_27862712_x3.....aucggagacgucgugggaacacggggUcc.....	1
Gi3_27948041_x3.....ugggCacacggggugccgaa.....	1
Gi2_10825546_x3.....gaucggagacgucgugggGacacggg.....	1
Gi3_27828755_x3.....aucggagacgucguggAaacac.....	1
Gi2_10796512_x3.....aucggagacgucgugggaacCcggg.....	1
Gi3_27885170_x3.....acgucgugggaacacggggugccgaaA.....	1
Gi1_4078674_x3.....aucggagaNgucgugggaacacgg.....	1
Gi3_27928865_x3.....cgugggaacacggggugAcga.....	1
Gi3_27905858_x3.....cgucgugggaacacAgggugccg.....	1
Gi5_8662676_x3.....gGcgucgugggaacacggggugccgaac.....	1
Gi1_4088730_x3.....aacacggggugGcgaacu.....	1
Gi2_10780180_x3.....cggagCcgucgugggaacacggggugcc.....	1
Gi2_10763680_x3.....gaucUgagacgucgugggaaca.....	1
Gi5_8689850_x3.....agacgucgNgggaacacggggugccgaac.....	1
Gi3_27809156_x3.....Aagacgucgugggaacacggggg.....	1
Gi2_10759915_x3.....gaucggagacgucgugggaAac.....	1
Gi2_10771657_x3.....cguggAaacacggggugc.....	1
Gi1_4061133_x3.....gugggaacacggggugccgaCc.....	1
Gi2_10792939_x3.....agacgucgNgggaacacggggugc.....	1
Gi3_27958685_x3...cUaucggagacgucgugggaacacggggugcc.....	1
Gi4_550260_x3.....aucggagacgucgugggaacac.....	0
Gi1_4069623_x3.....Gggagacgucgugggaacacggggugc.....	1
Gi2_10772284_x3.....ucgugggaacaAggggugccgaacu.....	1
Gi1a_5816455_x3.....aucggagacgucgugggaacacA.....	1
Gi3_27809198_x3.....cgucguggAaacacggggugccgaac.....	1
Gi3_27901088_x3.....ucguggCaacacggggugccgaacu.....	1
Gi5_8651819_x3.....ggaacacgAggugccgaac.....	1
Gi5_8715548_x3.....gugAgaacacggggugccgaacuu.....	1
Gi3_27848738_x3.....gacgucAugggaacacggggugccgaac.....	1
Gi3_27973067_x3.....gaucggagacgucgugggaGcacgg.....	1
Gi5_8651492_x3.....gucgugggaacacggggugcAgaacu.....	1
Gi2_10797103_x3.....gaCcgagacgucgugggaaca.....	1
Gi2_10784905_x3.....ucguUggaacacggggugccg.....	1
Gi1_4070679_x3.....uAggaacacggggugccga.....	1
Gi2_10794790_x3.....gugggaacacggggugccgaacuA.....	1
Gi1_4075935_x3.....gggaacacggggGgccgaacu.....	1

Gi1_5873899_x3.....aucggagacgucgugggaaacacggggguAcc.....	1
Gi2_10759261_x3.....acgucgugggaaacacggggugccgCac.....	1
Gi3_27914399_x3.....cggagacgucgugggaaacCgggg.....	1
Gi1_4055781_x3.....cggagacgucgugggaaacacggggugccga.....	0
Gi1_5833633_x3.....gugggaGcacggggugccga.....	1
Gi3_27818456_x3.....gaucAgagacgucgugggaaacacggg.....	1
Gi2_10780711_x3.....ggagacgucgugggaaacacggggugcU.....	1
Gi5_8716886_x3.....agacguUgugggaacacggggugccgaacu.....	1
Gi3_27803915_x3.....acgucgugggaaacacggggAgccgaac.....	1
Gi3_27972755_x3.....gucgugCgaacacggggugccgaacu.....	1
Gi3_27913940_x3.....aCggagacgucgugggaaacac.....	1
Gi4_545679_x3.....cgugggaacacggggugcc.....	0
Gi2_10828039_x3.....gaucggagacgucgCgggaacacggg.....	1
Gi3_27806324_x3.....cgugggaacacggggAgc.....	1
Gi3_27841604_x3.Ggcgaucggagacgucguggg.....	1
Gi5_8709332_x3.....ucgugggaacacggggugccgCac.....	1
Gi2_10770793_x3.....ucgugggaacacgggAgugc.....	1
Gi3_27907781_x3.....ggagaUgucgugggaaacacggggugcc.....	1
Gi3_27962993_x3.....cCgagacgucgugggaaacacgggggu.....	1
Gi3_27879392_x3.....gaacacggggUaccgaac.....	1
Gi2_10800268_x3.....cgugggaacacggggugcU.....	1
Gi2_10808542_x3.....gacgucguNggaacacggggugcc.....	1
Gi1_4079571_x3.....gaacacggggugccgaaAu.....	1
Gi3_27851591_x3.....aucggagacgucgugggGacacggggugc.....	1
Gi2_10817542_x3.....cgucgugggaaacacggggugcUg.....	1
Gi5_8673617_x3.....cgugggCacacggggugccgaac.....	1
Gi2_10827943_x3.....gaacacggggugccgaCc.....	1
Gi2_10808941_x3.....Agggaacacggggugccgaa.....	1
Gi1_4064226_x3.....aucggagacgucgugggCcacggggugcc.....	1
Gi2_10811815_x3.....Cacgucgugggaaacacgggg.....	1
Gi2_10759816_x3.....gaacacggUgugccgaacu.....	1
Gi5_8652890_x3.....gugggaacacggAgugccga.....	1
Gi3_27970514_x3.....aAgucgugggaaacacggggugccgaacu.....	1
Gi2_10759159_x3.....gaucggagacgucgugggaaacacggggCgc.....	1
Gi3_27797090_x3cugcgaucggagGcgucg.....	1
Gi3_27799364_x3.....Agugggaacacggggugccg.....	1
Gi2_10730434_x3.....gugggaacacggggAgccga.....	1
Gi4_550485_x3.....guAggaacacggggugccgaacu.....	1
Gi2_10732903_x3.....aCacgucgugggaaacacggggugc.....	1
Gi5_8668460_x3.....cgucgugggaaacacggggugccgUacu.....	1
Gi3_27849020_x3.....Ngggaacacggggugccgaacu.....	1
Gi2_10803469_x3.....gaucAgagacgucgugggaaacacggggug.....	1
Gi1_5818777_x3..cUaucggagacgucgugggaaacag.....	1
Gi2_10826707_x3.....ucguggCaacacggggugccgaacu.....	1
Gi2_10748743_x3.....ugggaacacggggugccgCacuu.....	1
Gi2_10750867_x3.....ggaGcacggggugccgaa.....	1
Gi5_8681660_x3.....gggaacCggggugccgaac.....	1

Gi1_4073253_x3.....acgucgugggaacacggggugcUgaacu.....	1
Gi1_4071018_x3.....ggagacgucgugggaacacggggugcAg.....	1
Gi3_27846662_x3.....gggaacacggggugccgUa.....	1
Gi3_27919037_x3.....gaucggagacgucguAggaacacgggg.....	1
Gi1_4088802_x3.....Ugagacgucgugggaacacggggugc.....	1
Gi3_27892274_x3.....gaCcgagacgucgugggaacacgg.....	1
Gi3_27822065_x3.....agacAucgugggaacacggggugccgaacu.....	1
G1a_5836057_x3.....ugAgaacacggggugccgaacu.....	1
Gi1_4059972_x3.....Gcggagacgucgugggaacacggg.....	1
Gi2_10812430_x3.....cgugggaacacgggAugccgaac.....	1
Gi2_10778269_x3.....cgucgugggaacacggggCg.....	1
Gi5_8684549_x3.....ugggaacacgggAugccgaac.....	1
Gi2_10734352_x3.....Ccgucgugggaacacggggugccgaacu.....	1
Gi5_8655449_x3.....gacgucguNggaacacggggugccgaacu.....	1
G1a_5826928_x3.....aucgAagacgucgugggaacacggggug.....	1
Gi3_27942146_x3.....cgugggaacacggggugccgaac.....	1
Gi1_4081848_x3.....ucgugggaacacggggCgccg.....	1
Gi3_27844175_x3.....gucgGgggaacacggggugc.....	1
Gi2_10798300_x3.....gacgucgugggaacacggggugcU.....	1
Gi5_8711654_x3.....cggagacgucgugggaacacggggugccgaacu.....	0
Gi3_28085984_x2.....gaucggagacgucgugggaaUacggggu.....	1
Gi2_10888657_x2.....agacgucgugggaCcacggggugccga.....	1
Gi2_10900213_x2.....gugggaacaUggggugccgaacuu.....	1
Gi3_28172580_x2.....gucgugggUacacggggugcc.....	1
Gi3_28249038_x2.....ucggagacgucguAggaacacgggg.....	1
Gi5_8808971_x2.....ucggagacgucgugggaaAacg.....	1
Gi3_28179206_x2.....aucAgagacgucguggga.....	1
Gi3_28206988_x2.....Gcgcgugggaacacggggugccga.....	1
Gi2_10955723_x2.....cgucgugggaacaAggggugccgaacu.....	1
Gi2_10896615_x2.....gucAugggaacacggggugc.....	1
Gi5_8778097_x2.....ugUgaacacggggugccgaa.....	1
Gi5_8818629_x2.....gacgucgugggaacacggggugAcgaacu.....	1
Gi3_28212936_x2.....ggagacgucgugggGacacggggugccgaac.....	1
Gi3_28073474_x2.....gaUgucgugggaacacgggg.....	1
Gi2_10949177_x2.....acgucgugggaacaUggggugccgaacu.....	1
Gi5_8724763_x2.....gagacgucgugggaacacggggCgccgaacu.....	1
Gi3_28003690_x2.....gacgucAugggaacacggggugccgaacu.....	1
Gi1_4099585_x2.....cgugggaacaUggggugccgaacuu.....	1
Gi5_8821819_x2.....aCcgagacgucgugggaacacgggg.....	1
Gi4_561938_x2.....uUggaacacggggugccgaac.....	1
Gi1_4119201_x2.....aucggagacgucgugggaacGcggggugc.....	1
Gi3_28000514_x2.....ucguggAaacacggggugccg.....	1
Gi2_10885701_x2.....cgucgugggaacacggggugccgaG.....	1
Gi1_4134665_x2.....ggagacgucgugAgaacacggggugcc.....	1
Gi3_27998130_x2.....gaAcggagacgucgugggaacacg.....	1
Gi5_8735023_x2.....ggaacacggggugccgaCc.....	1
Gi3_28099836_x2.....cguNgugggaacacggggugcc.....	1

Gi2_10917105_x2.....cgugggaacacgggUugc.....	1
Gi3_28195344_x2.....cgucgGgggaacacggggugccgaa.....	1
Gi1_4126067_x2.....Agaacacggggugccgaa.....	1
Gi2_10878159_x2.....ggUgacgucgugggaacacggg.....	1
Gi1_4118323_x2.....cggagacgucgugggaacacgggAugcc.....	1
Gi1_4146213_x2.....aucggagacgucgugggaac.....	0
Gi1a_5975334_x2...cUaucggagacgucgugggaacacggggugc.....	1
Gi2_10839501_x2.....agacgucgugggCacacggggugc.....	1
Gi3_28170888_x2.....cgugggaacUcggggugcc.....	1
Gi3_28139918_x2.....acgucgugggaacacggggugccgaacG.....	1
Gi1_4098497_x2.....gacgucgugggaacacggggAgccgaacu.....	1
Gi3_28253166_x2.....gggaacacggggugccUaa.....	1
Gi5_8825251_x2.....agacgucgugggaacacgAggugccgaac.....	1
Gi2_10926955_x2.....cgucgugggaacacgggAugccga.....	1
Gi3_28120314_x2.....agacgucgugggaGcacggggugccga.....	1
Gi2_10841517_x2...Aaucggagacgucgugggaacacg.....	1
Gi3_28249076_x2.....cgucgugggaacacggggugcUga.....	1
Gi2_10916803_x2.....aucggagacgucguAggaacacggggugcc.....	1
Gi2_10911117_x2.....gacgucgugggaacacggggugUc.....	1
Gi2_10938713_x2.....cgucgugggaacacggggCgccgaac.....	1
Gi3_28075726_x2...aucggagacgucgugggaacacggggAgc.....	1
Gi3_28048812_x2.....acgucgugggaacacgAggugccgaac.....	1
Gi5_8789041_x2.....gagacguAguggggaacacggggugccgaacu.....	1
Gi2_10876289_x2.....ucgugggaacacgUggugccgaacu.....	1
Gi1_4137465_x2.....aUacgucgugggaacacggggugccg.....	1
Gi1_4091979_x2.....gugggaacacgAggugccga.....	1
Gi1_4145523_x2.....gugggaacacgggAugccgaac.....	1
Gi5_8801087_x2.....Aucgugggaacacggggugccgaac.....	1
Gi1a_5921982_x2...gaucUgagacgucgugggaa.....	1
Gi2_10844345_x2.....cAgagacgucgugggaacacggggu.....	1
Gi3_28112124_x2.....ggagacgucgCgggaacacggggu.....	1
Gi3_28200934_x2...gaucgAagacgucgugggaacac.....	1
Gi1_4113635_x2.....ucgugggaacacggggugcUgaac.....	1
Gi2_10939365_x2.....ucggagacgucgugggaacacggg.....	0
Gi3_28225326_x2.....gacgucgugggaGcacgg.....	1
Gi2_10958593_x2.....ucgugggaacCcggggugccg.....	1
Gi3_28089504_x2...gaucggaAacgucgugggaacacggggu.....	1
Gi3_28218064_x2.....uUgugggaacacggggugccg.....	1
Gi3_28082188_x2.....gacgGcgugggaacacggggugccgaacu.....	1
Gi2_10868369_x2.....gugggaacacggggugccgC.....	1
Gi1_4127209_x2.....cggagacgucgugggaacacggggCgc.....	1
Gi1_4109685_x2.....cgugggGacacggggugccgaacuu.....	1
Gi2_10907137_x2...aucggagacgucgugggaacacgggCu.....	1
Gi4_557542_x2.....Aggaacacggggugccgaacu.....	1
Gi2_10984739_x2...aucggagacgucgugggaacGacggggugcc.....	1
Gi3_28137172_x2.....gAgaacacggggugccga.....	1
Gi5_8817069_x2.....agacgucgugggGacacggggugccgaac.....	1

Gi5_8805019_x2.....gaacacgAggugccgaac.....	1
Gi5_8774857_x2....gGucggagacgucguggaacaacg.....	1
Gi5_8749177_x2.....gggaacacgggCugccgaacu.....	1
Gl1a_5880660_x2.....cgugggaGcacggggugcc.....	1
Gi3_28215254_x2.....ugggaacacgggguCccg.....	1
Gi2_10968607_x2...cUaucggagacgucgugggaacacggggugcc.....	1
Gi2_10922909_x2...gaucggagacgucgugAgaac.....	1
Gi2_10844861_x2.....ggAaacacggggugccgaa.....	1
Gi3_27992908_x2.....gacgucguggaacaacgAggugccgaacu.....	1
Gi5_8718753_x2.....Aagacgucguggaacaacg.....	1
Gi2_10870583_x2.....gacgucguggaacaUggggugccg.....	1
Gi1_4131159_x2.....agacgucgNgggaacacgggg.....	1
Gi2_10987005_x2...gaucggagacgucguggaacaacggAgu.....	1
Gi2_10884789_x2.....cguAgugggaacacggggugccgaa.....	1
Gi3_28032234_x2...cgaCcgagacgucguggg.....	1
Gl1a_5963674_x2.....guAggaacacggggugcc.....	1
Gi3_28041280_x2.....gagaUgucguggaacaacggggugccgaacu.....	1
Gi3_28109972_x2.....ggagacgucgCgggaacacggg.....	1
Gi3_28024354_x2.....gggaacaAggggugccgaa.....	1
Gi1_4144845_x2....aucggagacgucgugggCacacg.....	1
Gi3_28197746_x2...cgauGggagacgucguggaacaacg.....	1
Gi2_10980135_x2.....cguUgugggaacacggggugccgaac.....	1
Gi1_4104639_x2.....ucgugggaacacggggugcGgaac.....	1
Gi3_28060804_x2.....cCucgugggaacacggggugccgaa.....	1
Gi3_28123866_x2.....gacgucgugggaCcacggggugccgaac.....	1
Gl1a_5931366_x2.....aacGcggggugccgaacu.....	1
Gi3_28214290_x2.....cguCggaacacggggugccgaac.....	1
Gi2_10836033_x2.ugcgauccggagacgucgugggG.....	1
Gi2_10909949_x2.....gugUgaacacggggugccg.....	1
Gi5_8781389_x2.....agacgucguggaacaacggggG.....	1
Gi3_28103238_x2.....gugCgaacacggggugcc.....	1
Gi1_4157847_x2.....gucgugggaacaacggggCg.....	1
Gi3_28248788_x2...gaucAgagacgucguggaacaacggggugcc.....	1
Gi1_4101931_x2.....cgugggaacacggggguAccgaacu.....	1
Gi1_4149687_x2.....guCggaacacggggugccgaacu.....	1
Gi3_27981546_x2.....gugggaaGacggggugccgaa.....	1
Gi3_28116012_x2...auGggagacgucgugggaacaacggg.....	1
Gi2_10881011_x2.....acgucgugggaacaacggggugccgaCcu.....	1
Gi2_10896975_x2.....gucgugggaCcacggggugccgaacu.....	1
Gi2_10845795_x2....ucggagacgucguggaacaacggggugccgaac.....	0
Gi3_28140428_x2....aucggagCcgucgugggaacaacgggg.....	1
Gi1_4093351_x2.....gggaacacggggugcAgaacu.....	1
Gi2_10936447_x2.....acgucCugggaacaacggggugcc.....	1
Gi5_8718759_x2.....guggAaacacggggugccgaacu.....	1
Gi2_10918017_x2....aCgggagacgucgugggaacaacgggg.....	1
Gi5_8824179_x2.....gacgucgugggaacaGggggugccgaacu.....	1
Gi2_10877497_x2.....gggaacacggggugUcgaa.....	1

Gi3_28145044_x2...cgaucggagacgucgugggaacacggggGgc..... 1
 Gi1_4126641_x2.....gUagacgucgugggaacacggggugc..... 1
 Gi3_27990414_x2.....ggagacgucguggAaacacggg..... 1
 Gi5_8765851_x2.....gggaacacggggugccgaG..... 1
 Gi2_10841959_x2.....gucguCggaacacggggugccgaacu..... 1
 Gi4_555934_x2...gaucggagacgucgugggaacac..... 0
 Gi3_28074972_x2.....ggagacgucgugggaacacggggCgccg..... 1
 Gi2_10961947_x2.....gUcgucgugggaacacggggugcc..... 1
 Gi2_10861681_x2.....aucggagacgucAugggaacac..... 1
 Gi2_10917993_x2.....ucggagacgucUugggaacacggggugccgaacu..... 1
 Gi5_8781633_x2.....cacgUggugccgaacuuu..... 1
 Gi2_10951503_x2.....Acggagacgucgugggaac..... 1
 Gi5_8824367_x2.....gugggaacacggggugAcga..... 1
 Gi3_28205242_x2.....aucggagacguGgugggaacacg..... 1
 Gi1_4120017_x2.....aacacUgggugccgaacu..... 1
 Gi5_8768611_x2.....gugggaacNcggggugccgaacuu..... 1
 Gi2_10830487_x2.....gagacgucNugggaacacggggug..... 1
 Gl1_5889030_x2.....aucggagacgucguggAa..... 1
 Gi2_10837949_x2.....gggaacacAgggugccgaa..... 1
 Gi2_10868637_x2.....agacgucgugggaacCcggggugc..... 1
 Gi3_28148422_x2.....acgucgugNgaacacggggugccg..... 1
 Gi3_28229724_x2.....ggagacgucgugggaGcacggg..... 1
 Gi5_8799175_x2.....gaacacggNgugccgaac..... 1
 Gi3_28242634_x2.....aucggagacgucgugggaacaUggggugcc..... 1
 Gi3_28014496_x2.....aucggagacgucgugggaacacUggg..... 1
 Gi4_561274_x2.....gggaGcacggggugccgaacu..... 1
 Gi3_28196346_x2.....gucgugggaacaUggggugcc..... 1
 Gl1_5980830_x2.....gacgucgugggaacaUggggg..... 1
 Gi3_28003692_x2.....ggagGcgucgugggaacacggggugccgaac..... 1
 Gi2_10959841_x2.....gucgugggaacaUggggugcc..... 1
 Gi2_10959083_x2.....gaUacgucgugggaacacggggugccg..... 1
 Gi3_28055278_x2.....Cagacgucgugggaacacggggugccgaacu..... 1
 Gi4_564222_x2.....cgugggaacacggggCgccgaacu..... 1
 Gi5_8761925_x2.....cgUagacgucgugggaacacgg..... 1
 Gi5_8796891_x2.....aucggagacguUgugggaacacgg..... 1
 Gi2_10936333_x2.....gggaacaGggggugccgaac..... 1
 Gi2_10843569_x2.....gggaaGacggggugccgaacu..... 1
 Gi5_8724131_x2.....ugggaacacggggugccgaacuCu..... 1
 Gi3_28155426_x2.....cgucgugggaacacggAgugccg..... 1
 Gi1_4114881_x2.....cgugggaacacggggAuAccgaac..... 1
 Gi2_10951987_x2.....cgucgugggaacacggAgugccga..... 1
 Gi3_28010504_x2.....cgucgGgggaacacggggugccgaac..... 1
 Gi2_10911931_x2.....cAucgugggaacacggggugc..... 1
 Gi5_8808355_x2.....cacggggugccgaacuCu..... 1
 Gi2_10872375_x2.....ggagUcgucgugggaacacggggugc..... 1
 Gi5_8804041_x2.....gugggaacacggggGgccgaacuuu..... 1
 Gi3_27990322_x2.....cgAcgugggaacacgggg..... 1

Gi3_28074110_x2.....ucgugggaacacggggugccGg..... 1
Gi3_28069094_x2.....guNgugggaacacggggugccgaacu..... 1
Gi2_10830543_x2.Cgcgaucggagacgucgugggaacacg..... 1
G1a_5907020_x2.....gugggaacacUgggugccgaacu..... 1
Gi5_8787669_x2.....gugggaacacggAgugccgaacu..... 1
Gi1_4095981_x2.....Aucgugggaacacggggugcc..... 1
Gi1_4121715_x2.....gGacacggggugccgaacu..... 1
Gi1_4128643_x2.....acgucgugggaacacggggugccgaaUu..... 1
Gi1_4131707_x2.....gacgCcgugggaacacggggugccgaacu..... 1
Gi2_10980771_x2.....cgucgugggaGcacggggugccgaa..... 1
G1a_5887628_x2.....aacacggggugcAgaacu..... 1
Gi3_28026510_x2...gaucggagacgucgugggaGcacggggugcc..... 1
Gi5_8789333_x2...gaucggagacgucguAggaacacgg..... 1
Gi3_28132138_x2.....acgucgugggaacacggCgugccgaacu..... 1
Gi5_8760357_x2...aucggagacgucgugGaaacacg..... 1
Gi5_8721055_x2.....cgucguggNaacacggggugccga..... 1
Gi3_27986010_x2...aucggagacgucguCggaacacggg..... 1
Gi5_8802355_x2.....acCucgugggaacacggggugccgaacu..... 1
Gi3_28161648_x2...Ggaucggagacgucgugg..... 1
Gi2_10955719_x2.....gUgacgucgugggaacacggggugccg..... 1
G1a_5926390_x2.....ucgugggaacacggggugccGac..... 1
Gi3_27988690_x2.....acacggggCgccgaacu..... 1
Gi2_10925505_x2.....Ccgugggaacacggggugccg..... 1
Gi2_10929051_x2.....Gcgucgugggaacacggggugccg..... 1
Gi5_8736309_x2...gGucggagacgucgugggaacacggg..... 1
Gi1_4120365_x2.....agacgucguAggaacacggggugccgaacu..... 1
Gi3_28054708_x2.....cgucgugggaacaUggggg..... 1
Gi1_4102319_x2.....cCugggaacacggggugccgaac..... 1
Gi2_10836449_x2...cgaucggaNacgucgugggaacacggg..... 1
Gi5_8815239_x2.....gugggaacacggggugccAa..... 1
Gi1_4156689_x2.....acgucgugggCacacggggugcc..... 1
Gi5_8763595_x2.....gucCugggaacacggggugccgaacu..... 1
Gi2_10857583_x2.....gucgugggaacacggggGgccc..... 1
Gi3_28239506_x2.....cgucgugggaacacggUgugccg..... 1
Gi2_10958321_x2.....gCgaacacggggugccgaa..... 1
Gi1_4091075_x2.....gagacgucguAggaacacggggugcc..... 1
Gi1_4107425_x2...gaucggagacgucgugggaacacgggU..... 1
Gi3_28217356_x2.....gUgacgucgugggaacacggggugccgaac..... 1
Gi2_10858999_x2.....acgucCugggaacacggggugccgaacu..... 1
Gi2_10859905_x2.....ugggaacacgggCugccg..... 1
Gi3_28230738_x2.....cgucgugggaacacggggGg..... 1
Gi1_4098811_x2.....aCacgucgugggaacacggggugccg..... 1
Gi2_10901831_x2.....ugggaacGcggggugccgaa..... 1
Gi3_28048970_x2...aucggagUcugcugugggaacacggg..... 1
Gi3_28131384_x2...aucggagacgucgugggaacacggggugGc..... 1
Gi2_10906705_x2...aucggagacgucgugggaacacggggugccgaac..... 0
Gi3_28039174_x2...ucggagacgucgugggaacCcgggugcc..... 1

Gi3_28025000_x2.....ucggagGcgucgugggaacacg..... 1
 Gi3_28091688_x2.....ucggagacAucgugggaacacggggugcgc..... 1
 Gi2_10852223_x2.....gugggaacacgCggugccgaac..... 1
 Gi3_28249422_x2.....gggaacacgggCugccgaa..... 1
 Gi3_28153548_x2.....cgugggaCcacggggugcgc..... 1
 Gi2_10829777_x2.....Aacgucgugggaacacggggugc..... 1
 Gi1_4125553_x2.....agacgucAugggaacacggggugccgaacu..... 1
 Gi2_10951857_x2.....gaucggagacgucgugggaacacggggCg..... 1
 G1a_5908766_x2.....aucggagacgucgugggaGcacggggu..... 1
 Gi2_10968351_x2.....ucgugAgaacacggggugcgc..... 1
 Gi2_10945599_x2.....cAugggaacacggggugcgc..... 1
 Gi1_4118171_x2.....gacgucgugggaacacggggGgcc..... 1
 Gi2_10949629_x2.....cgCcgugggaacacgggg..... 1
 Gi4_564438_x2.....cgucguggNaacacggggugcgcga..... 1
 Gi3_28014108_x2.....cgugggaacacggggugcU..... 1
 Gi1_4133275_x2.....Agagacgucgugggaacacggggugccgaacu..... 1
 Gi2_10894997_x2.....gUagacgucgugggaacacggggugcgcga..... 1
 Gi2_10837301_x2.....ucAgagacgucgugggaacacg..... 1
 Gi5_8784759_x2.....gggaacacggggugcgcCa..... 1
 Gi1_4117965_x2.....gaacacggAgugccgaac..... 1
 Gi5_8724677_x2.....gacgucgugggaUcacggggugccgaacu..... 1
 Gi2_10857515_x2.....acgucgugggaUacggggugc..... 1
 Gi1_4096115_x2.....agacgucgugggaGcacgggg..... 1
 Gi1_4092061_x2.....acgucgugggaacacggggGgcc..... 1
 Gi5_8728661_x2.....gugggaacacggggugccgaUUu..... 1
 Gi5_8737365_x2.....gucgugggGacacggggugc..... 1
 Gi5_8749843_x2.....auUggagacgucgugggaacacggg..... 1
 Gi3_28047746_x2.....acgucgugggaacacggggugcA..... 1
 Gi3_28085154_x2.....ugggaacacggggugccCa..... 1
 Gi2_10894963_x2.....agacgucAugggaacacggggugccgaacu..... 1
 G1a_5929048_x2.....cAugggaacacggggugcc..... 1
 Gi3_27991232_x2.....cggagCcgucgugggaacacgggggu..... 1
 Gi2_10934383_x2.....gagacgucgugggaacacg..... 0
 Gi5_8823631_x2.....ggUaacacggggugccgaa..... 1
 Gi5_8770185_x2.ugcgaAacggagacgucgug..... 1
 Gi5_8726961_x2.....aucggGgacgucgugggaacac..... 1
 Gi4_565340_x2.....agUcgcgugggaacacggggugcc..... 1
 Gi3_28130646_x2.....gaucggagacAucgugggaacac..... 1
 G1a_5976884_x2.....cgugggaacGcggggugcc..... 1
 Gi3_27999944_x2.....cgugggaacacggAgugc..... 1
 Gi5_8809569_x2.....aAcggagacgucgugggaacacgg..... 1
 Gi1_4151723_x2.....cguggUaacacggggugccgaacu..... 1
 Gi5_8740729_x2.....Gucggagacgucgugggaacacggggugcc..... 1
 Gi2_10869833_x2.....gacgucGgggaacacggggugccgaacu..... 1
 Gi3_28221138_x2.....ucgugggaacacggggUaccg..... 1
 Gi2_10849463_x2.....aucggagacgucgugggaacacggggugUc..... 1
 Gi1_4106535_x2.....gagacgucAugggaacacggggugcc..... 1

Gi3_28135242_x2.....aucggagacgucUugggaacacggggugc.....	1
Gi2_10839745_x2.....gacgucgugggaacacgAggugccgaac.....	1
Gi2_10891195_x2.....acgucgugggaacacggggugA.....	1
Gi3_28076344_x2.....Ccgagacgucgugggaaca.....	1
Gi1a_5902016_x2.....gGcgugggaacacggggugccga.....	1
Gi1_4120043_x2.....aucggagaNgucgugggaacacggggugc.....	1
Gi2_10981845_x2.....cCgagacgucgugggaacacggggugc.....	1
Gi5_8821831_x2.....gugggaacaUggggugcc.....	1
Gi2_10835319_x2.....aAacgucgugggaacacggggugccg.....	1
Gi3_27994660_x2.....gucgugggaacCcggggugccg.....	1
Gi3_28088992_x2.....gaucggagacgucgugggaacaUgggg.....	1
Gi5_8746147_x2.....gugggaacacggggugUcga.....	1
Gi2_10900327_x2.....cgugggaacaUggggugccga.....	1
Gi2_10959107_x2.....cgucguggAaacacggggugc.....	1
Gi2_10876263_x2.....gacgucgugggaacacggggugUcgaacu.....	1
Gi2_10862219_x2.....cgugggaacacggggugAc.....	1
Gi1_4139977_x2.....cgugggaacacggggugAcgaacu.....	1
Gi2_10965771_x2.ugcgauccgagacgucgugggGaca.....	1
Gi2_10952389_x2.....gaGcggagacgucgugggaaca.....	1
Gi1a_5939222_x2.....gaucggagacgucguggGCa.....	1
Gi5_8786053_x2.....gUcgucgugggaacacggggugccgaacu.....	1
Gi2_10911905_x2.....cgUucggagacgucgugggaacacggg.....	1
Gi2_10940331_x2.....cggagacgNcgugggaacacggggugccgaac.....	1
Gi2_10834945_x2.....ugUgaacacggggugccg.....	1
Gi2_10962007_x2.....ucgugggaGcacggggugccgaa.....	1
Gi3_28196438_x2.....ggagacgucgugggaaAacggggugcc.....	1
Gi5_8729033_x2.....acgucgugggaaGacggggugccgaacu.....	1
Gi3_28240870_x2.....gaucggagacgucguggGacacggg.....	1
Gi2_10882981_x2.....ggagacgucgugggaacGcggggugc.....	1
Gi1_4126551_x2.....ucgugggaacGcggggugccgaac.....	1
Gi3_28117576_x2.....gacgucguggGacacgggg.....	1
Gi3_28060764_x2.....aacacggAgugccgaacu.....	1
Gi1a_5930410_x2.....gugggaacacggggGgccga.....	1
Gi1_4141167_x2.....agacgucguggGacacggggugccgaac.....	1
Gi5_8767393_x2.....acgucgugggaacCcggggugccgaac.....	1
Gi5_8778685_x2.....aucggagacgucgugggaaAacgg.....	1
Gi2_10900003_x2.....ggaacGcggggugccgaa.....	1
Gi3_28178192_x2.....cggagacgCcgugggaacacggg.....	1
Gi2_10956299_x2.....cggUgacgucgugggaacacggggugc.....	1
Gi3_28178500_x2.....acgucgugggaacacgggAugccgaacu.....	1
Gi5_8796759_x2.....aucggagacgucguggGacacgggg.....	1
Gi2_10986747_x2.....acgucgugggaacacggGcgucc.....	1
Gi3_27986984_x2.....ugggaacacggggUccga.....	1
Gi5_8824405_x2.....ugggaacacggggugccUaac.....	1
Gi3_28218010_x2.....cggUacgucgugggaacacggggugccga.....	1
Gi5_8775817_x2.....ugggaacacgggCugccgaa.....	1
Gi5_8783161_x2.....Aucgugggaacacggggugccgaa.....	1

Gi2_10893899_x2.....acguUgugggaacacggggugc..... 1
 Gi2_10959801_x2.ugcgauccgagacgucgugggaaAa..... 1
 Gi3_28188740_x2.....aacacggggugccgCacuu..... 1
 Gi2_10884221_x2.....Cagacgucgugggaacacggggugccg..... 1
 Gi3_28115508_x2.....ucggagacgucgugggCacac..... 1
 Gi1_4101189_x2.....guAgugggaacacggggugccgaacu..... 1
 Gi5_8822113_x2.....aucggagacAucgugggaacacg..... 1
 Gi3_28006960_x2.....cgugggaacaAggggugccga..... 1
 Gi3_28063668_x2.....ggaNcacggggugccgaa..... 1
 Gi1_4104319_x2.....agacgucgugggaacGcggggugccg..... 1
 Gi5_8802959_x2.....gugggaacacgggAugcc..... 1
 Gi2_10888463_x2.....acgAcgugggaacacggggugc..... 1
 Gl1_5906790_x2.....aucggGgacgucgugggaacacggg..... 1
 Gi2_10913657_x2.....acgucguAggaacacggggugc..... 1
 Gi3_28221268_x2.....aucggagaGgucgugggaacacg..... 1
 Gl1_5968806_x2.....ugggaacacggggugccgaacG..... 1
 Gi5_8815801_x2.....aucggagacgucgugggCacacggg..... 1
 Gi2_10895705_x2.....gaCcgagacgucgugggaacacggggugc..... 1
 Gi1_4126593_x2.....uUgugggaacacggggugccg..... 1
 Gi3_28045286_x2.....ucgugggaacacggcGgugccgaac..... 1
 Gi1_4153617_x2.....Uucgugggaacacggggugccgaacu..... 1
 Gi3_28091158_x2.....gaucggagacgucgugggaacacggc..... 1
 Gi2_10991095_x2.....ucggagacgucgugggaGcacg..... 1
 Gi2_10856693_x2.....ugggaacacggggugcGgaac..... 1
 Gi1_4119241_x2.....gugggaGcacggggugcc..... 1
 Gl1_5899480_x2.....cgugggaacacggggCgc..... 1
 Gi2_10908759_x2.....ggaacacggggugccgaaU..... 1
 Gi1_4109851_x2.....gacgucgugggaCcacggggugccgaacu..... 1
 Gi1_4132253_x2.....gggaacacggggugccgaaUu..... 1
 Gi2_10920719_x2.....gaucggagacguGgugggaacacggggu..... 1
 Gi1_4130005_x2.....guUggaacacggggugccg..... 1
 Gi2_10865327_x2.....acgucgugggaGacggggugccgaacu..... 1
 Gi2_10830549_x2.....gaacacCgggugccgaacu..... 1
 Gi3_28260336_x2.....gaucggagacguUgugggaacacgggg..... 1
 Gi5_8806773_x2.....gaNcacggggugccgaacu..... 1
 Gi1_4111317_x2.....ugggaacacgggCugccg..... 1
 Gi5_8813193_x2.....ucguAggaacacggggugccgaac..... 1
 Gi2_10962673_x2.....cGgagacgucgugggaacacggggu..... 1
 Gl1_5971680_x2.....gaucggagGcucgugggaacacggggu..... 1
 Gi2_10842913_x2.....aucggagacgucgugggaUa..... 1
 Gi3_28002410_x2.....gGcucgugggaacacggggugcc..... 1
 Gi2_10940923_x2.....gaucggagacgucgugggCac..... 1
 Gi5_8737609_x2.....cgugggaacacgUggugc..... 1
 Gi5_8777343_x2.....gaucggagacgucgugggCacacg..... 1
 Gi3_28231924_x2.....gaucggagacgucgugggaacacggggugccgaa..... 0
 Gi1_4106851_x2.....gacgucgugggaacacggAgugccgaacu..... 1
 Gi3_28098804_x2.....gucgugggaacacggggugccgU..... 1

Gi3_28229906_x2.....ucguggUaacacggggugccgaac..... 1
 Gi2_10883295_x2.....agacAucgugggaacacggggugccgaacu..... 1
 Gi2_10856603_x2.....aucggagacgucguAggaaca..... 1
 Gl1a_5888480_x2.....aucggagaNgucgugggaacacggggugc..... 1
 Gi3_28241732_x2.....ucgugggaacacCggggugccgaacu..... 1
 Gi5_8797357_x2.....ggaacacUgggugccgaacu..... 1
 Gi2_10883079_x2.....aucgCagacgucgugggaacacggggugc..... 1
 Gi2_10886183_x2.....acgucgugggaaAacggggugccgaac..... 1
 Gl1a_5877092_x2.....gugggaacNcggggugccga..... 1
 Gi3_28163080_x2.....gaCcacggggugccgaac..... 1
 Gi2_10883349_x2.....gaucggagacgucguggAaacacgggggu..... 1
 Gi3_28163576_x2.....gacgucgugggaacacggggCgccg..... 1
 Gi5_8800917_x2.....gugggaacacggggguAccga..... 1
 Gi2_10970951_x2.....cgugggaacacgAggugccga..... 1
 Gi5_8820789_x2.....acgucgugggaacacggggugUcgaacu..... 1
 Gi3_28258322_x2.....gucgugggaacacggggugccgaaGu..... 1
 Gi2_10941677_x2.....gaucggUgacgucgugggaacacgg..... 1
 Gi3_28017260_x2.....Gcgugggaacacggggug..... 1
 Gi2_10934861_x2.....cgugggaacacggggguAcc..... 1
 Gi5_8828775_x2.....ugggaacacggggugUcgaac..... 1
 Gi2_10850973_x2.ugcgauccgagacgucgugggaacacggggugcc..... 0
 Gi1_4155297_x2.....Cugggaacacggggugccgaacu..... 1
 Gi3_28159726_x2.....gacgucgugggaacacggggugccAaacu..... 1
 Gi4_559086_x2.....uUgugggaacacggggugccgaacu..... 1
 Gi2_10876279_x2.....gacgucgugggaacacggggugcUg..... 1
 Gi5_8803383_x2.....ugggaacacggggugccgaacuC..... 1
 Gi5_8734725_x2.....ugggaacacggggugcUgaacu..... 1
 Gi3_28164390_x2.....Nugggaacacggggugcc..... 1
 Gi1_4113781_x2.....gugggaaUacggggugccgaac..... 1
 Gi2_10932883_x2.....ugggaacacggggugAcg..... 1
 Gi5_8808635_x2.....cgugggaaNacggggugccg..... 1
 Gi3_28081320_x2.....cgucgugggaacacggggugcUgaac..... 1
 Gl1a_5979918_x2.....aacacggggugccgaaAu..... 1
 Gi2_10980859_x2.....acgucgugggaacacgggAugccgaac..... 1
 Gi1_4156527_x2.....acgucgugggaacacggggugccUaacu..... 1
 Gi2_10837923_x2.....aucggagaAgucgugggaaca..... 1
 Gi4_560444_x2.....gugggaacacggAgugccgaacu..... 1
 Gi5_8797611_x2.....cgugggaacacggggugccgUac..... 1
 Gi5_8823893_x2.....cguAggaacacggggugccga..... 1
 Gi2_10851569_x2.....ugggaacacgggAugccga..... 1
 Gi5_8782699_x2.....cgucgugggaacacggggAgccgaac..... 1
 Gi4_564840_x2.....acgucgugggaacacggggugccgaac..... 0
 Gi2_10916997_x2.....aucggagacgucgugAgaacacggggug..... 1
 Gi3_28185024_x2.....cgucgugggaacacggggugccgCa..... 1
 Gi2_10982197_x2.....cggagacgucgugggaCcacgggggu..... 1
 Gi2_10985337_x2.....ugggaCcacggggugccga..... 1
 Gi2_10864083_x2.....gCcgugggaacacggggugc..... 1

G1a_5910466_x2.....cgugggaacGcggggugc..... 1
 Gi2_10969445_x2.....gagacgucgugggaacacgggAgugccg..... 1
 Gi2_10897281_x2.....ggagacgucgugUgaacacggggugc..... 1
 Gi2_10931665_x2.....aucggagacgucgugggUacac..... 1
 Gi3_28242404_x2.....gcgaucggNgacgucgugggaacacgggggu..... 1
 Gi1_4089611_x2.....gacgucgugggaacacggggugccgaGcu..... 1
 Gi5_8751665_x2.....ugggaacacggggugccgaC..... 1
 Gi3_28113160_x2.....gggaCcacggggugccgaa..... 1
 Gi5_8734731_x2.....acgucgugggaacacggggugccgaGc..... 1
 Gi5_8812751_x2.....ucgugggaacacggggugccgaUcu..... 1
 Gi2_10946539_x2.....cggagacgucAugggaacacggggugcc..... 1
 Gi2_10855043_x2.....agacgucgugggaGcacggggugcc..... 1
 Gi3_28212196_x2.....ucUgagacgucgugggaacacggggugcc..... 1
 Gi5_8815895_x2.....agacgucgugggaacGcggggugcc..... 1
 Gi2_10835083_x2.....cgugggaacUcggggugccgaac..... 1
 Gi3_28079076_x2.....aucggagacgucgAgggaacacg..... 1
 G1a_5958980_x2.....gugggaacCcgggugcc..... 1
 Gi1_4113593_x2.....aucggagacgucgugggaacGcggggugcc..... 1
 Gi4_563672_x2.....Augggaacacggggugccgaa..... 1
 Gi5_8804191_x2.....cgugggaacacggggugccgaC..... 1
 Gi1_4091283_x2.....cAucgugggaacacggggugcc..... 1
 Gi3_28139608_x2.....cguUgugggaacacggggugccga..... 1
 Gi1_4105933_x2.....gugggaacacggUgugcc..... 1
 Gi5_8792057_x2.....ugggaacacggggugccAaac..... 1
 Gi3_28021538_x2.....Ncgugggaacacggggugccgaacu..... 1
 Gi3_28141550_x2.....ucgugggaacacggggugccGgaac..... 1
 Gi5_8776827_x2.....gucgugggaacacggggugccgaGc..... 1
 Gi4_555574_x2.....ugggGacacggggugccgaacu..... 1
 Gi1_4130417_x2.....cgggagacgucguggGcacacggggugc..... 1
 Gi3_28045496_x2.....ggagacgucgugggaacacgggAugccg..... 1
 Gi3_28106792_x2.....cgucgugggaacacCgggugccga..... 1
 G1a_5905206_x2.....aucggagaNucgugggaacacg..... 1
 Gi1_4103487_x2.....Augggaacacggggugccgaac..... 1
 Gi3_28149576_x2.....cguNggaacacggggugc..... 1
 Gi5_8793035_x2.....gaucggagacgucgugggaacacggggG..... 1
 Gi3_28056498_x2.....cgucguggGacacgggg..... 1
 Gi2_10892301_x2.....ucgugggaCcacggggugccg..... 1
 Gi1_4119349_x2.....cgucgugggaacacggggugccgUacu..... 1
 Gi2_10851589_x2.....ggagacgucguggGacacggggug..... 1
 G1a_5882998_x2.....aucggagacgucgugggaCcac..... 1
 Gi3_28225604_x2.....ggNacacggggugccgaac..... 1
 Gi3_28096118_x2.....gagacgCcgugggaacacg..... 1
 Gi5_8796265_x2.....gaCcacggggugccgaacu..... 1
 Gi2_10924207_x2.....aucggagacgucguAggaacacgg..... 1
 Gi3_28213896_x2.....gaacacggggugGcgaac..... 1
 Gi2_10905399_x2.....gacgucguggGcacacggggugccgaacu..... 1
 Gi3_28141442_x2.....aucggagacgucgugggaacacCgggu..... 1

Gi1_4112477_x2.....ucgugggaacacggggugccgaaUu.....	1
Gi1_4107905_x2.....ggagGcgcugcuggggaacacggggugccgaaacu.....	1
Gi5_8789719_x2.....cUgagacgucguggggaacacggggugcc.....	1
Gi3_27994720_x2.....gaucggagacguGuggggaacacg.....	1
Gi2_10955077_x2.....Cggaacacggggugccga.....	1
Gi2_10971517_x2.....cggagacgCcguggggaacacggggugc.....	1
Gi5_8783875_x2.....ucggagacgucguggggaacacggggugccA.....	1
G1a_5925060_x2.....gggaacacggggugccga.....	0
Gi2_10947589_x2.....ucggagacgucguggggaacacAgggugcc.....	1
Gi3_28136290_x2.....cguUggaacacggggugcc.....	1
Gi2_10903377_x2.....acgucguggggaacacggggAgccgaac.....	1
Gi2_10955087_x2.....gaGcggagacgucguggggaacacggggugcc.....	1
Gi2_10963519_x2.....cggagacgucguggggaacacggggG.....	1
Gi2_10933689_x2.....ggagacAucguggggaacacggggugc.....	1
Gi2_10833363_x2.....gugggaCcacggggugccga.....	1
Gi2_10955225_x2.....cgCcguggggaacacggggug.....	1
Gi5_8811621_x2.....acgucguggggaGcacggggugccgaac.....	1
Gi1_4155791_x2.....aucggagacgucAuggggaacacggggugcc.....	1
Gi2_10902935_x2.....ugggaacacggggGgccgaa.....	1
Gi2_10969453_x2.....ggaacacgggCugccgaac.....	1
Gi5_8797835_x2.....gUucggagacgucguggggaacacg.....	1
Gi3_28162188_x2.....gcgaucggagacgCcgugga.....	1
Gi1_4150793_x2.....aaNacggggugccgaaacu.....	1
G1a_5933460_x2.....cguggggaacacggggugcAgaacu.....	1
Gi5_8773127_x2.uAcgaucggagacgucgug.....	1
Gi4_563534_x2.....ucgCgggaacacggggugccgaaacu.....	1
Gi3_28253934_x2.....aucggagaAgucguggggaacacggg.....	1
Gi1_4143255_x2.....gaacacggggGcccgaacu.....	1
Gi3_28137584_x2.....gaucggagUcgucguggggaacacgg.....	1
Gi5_8829593_x2.....acgucguggggaacacggggCgcc.....	1
Gi3_28168812_x2.....aucggagacgucguggUaacacggg.....	1
Gi3_28169278_x2.....cgucgugggUaacacggg.....	1
Gi2_10872431_x2.....gucgugggaCcacggggugcc.....	1
Gi2_10953255_x2.....Gggagacgucguggggaacacg.....	1
Gi3_28157458_x2.....cggagacgucgugggaaAacgggg.....	1
Gi1_4132485_x2.....cgucgugggaaAacggggugcc.....	1
Gi3_28105546_x2.....ucguggggaacacggggugccgG.....	1
G1a_5904258_x2.....cguggggaacacggggCugccgaaacu.....	1
Gi3_28060156_x2.....gucgGgggaacacggggugccgaaac.....	1
Gi1_4139537_x2.....cUucguggggaacacggggugccgaaac.....	1
Gi5_8820775_x2.....aacacggggugccgGacuuu.....	1
Gi3_28052964_x2.....cgucgAggggaacacggggugccgaaac.....	1
Gi3_28192290_x2.....ggUgacgucguggggaacacggggugccgaaac.....	1
Gi3_28205088_x2.....gagacgucguggggaacacggggCgccg.....	1
G1a_5946438_x2.....ugggaacaUggggugccgaaacu.....	1
Gi1_4092105_x2.....cgucguggggaacGcggggugcc.....	1
Gi5_8768275_x2.....aacacggggugccgaaacu.....	0

Gi1_4150179_x2.....ucUugggaacacggggugccgaac.....	1
Gi5_8757785_x2.....cgugggaacacAgggugcc.....	1
Gi5_8758805_x2.....cgucgugggaacCggggugc.....	1
Gi1_5970036_x2.....ggaacacggggugAcggaacu.....	1
Gi1_4094475_x2.....gucgugggaacacgAggug.....	1
Gi1_5956778_x2.....aucggUgacgucgugggaacacggggugc.....	1
Gi2_10829705_x2.....aucggagCcgucgugggaacacggggugc.....	1
Gi2_10955355_x2.....ugggaacacggUgugccgaacu.....	1
Gi3_28023428_x2.....cggagacgucgugggaacacgAggugccga.....	1
Gi4_553128_x2.....cgucgugggaacacggggugc.....	0
Gi1_4116953_x2.....acgucguAggaacacggggugccgaacu.....	1
Gi5_8821753_x2.....cgucgugggCacacggggugccgaacu.....	1
Gi5_8742173_x2.....Ggugggaacacggggugccg.....	1
Gi1_4102743_x2.....ucAugggaacacggggugccgaac.....	1
Gi3_28245304_x2.....gagacgucgugggaacacggggUaccgaacu.....	1
Gi1_4118955_x2.....gggaacaGggggugccgaacu.....	1
Gi5_8784927_x2.....aucggagaUgucgugggaacacgg.....	1
Gi3_27991356_x2.....cggGgacgucgugggaacac.....	1
Gi2_10896623_x2.....gCcgugggaacacggggugccg.....	1
Gi2_10931277_x2.....aucggagCcgucgugggaacac.....	1
Gi1_4094585_x2.....ggaacacggggugccgaaU.....	1
Gi2_10835799_x2.....gaucggCgacgucgugggaacacggg.....	1
Gi3_28131006_x2.....gucgugggaacacggggGgccgaa.....	1
Gi3_28142548_x2.....cgugAgaacacggggugccgaa.....	1
Gi2_10830753_x2.....gggaacacggggugccgaaU.....	1
Gi2_10938639_x2.....gacgucguNggaacacggggugccg.....	1
Gi2_10902593_x2.....cggagacgucgugggUacacggggU.....	1
Gi3_28136648_x2.....ggaacacggggAgccgaa.....	1
Gi4_565140_x2.....cgugggaacacggggugccgGacu.....	1
Gi3_28156666_x2.....cgucgugggaacUcggggugcc.....	1
Gi2_10965385_x2.....cgucgugggaacacggggugcAga.....	1
Gi5_8812003_x2.....aucggagacgucguAggaacacggg.....	1
Gi2_10957045_x2.....gagacgucAugggaacacggggugccg.....	1
Gi5_8787265_x2.....ggaacacgUggugccgaacu.....	1
Gi1_4111519_x2.....gCgggaacacggggugccgaacuu.....	1
Gi3_28177868_x2...cgauccgagacgucgugAgaacacg.....	1
Gi5_8828047_x2.....acUcggggugccgaacuu.....	1
Gi3_28099810_x2.....agacgucgCgggaacacgggg.....	1
Gi3_27997460_x2.....aGcggagacgucgugggaacacggggug.....	1
Gi3_28012386_x2.....cgugggaacacUgggugc.....	1
Gi2_10935371_x2.....cggagacgucgugggaacacggUgugcc.....	1
Gi3_28170272_x2.....ggagacgucgugggaacacggggUacc.....	1
Gi1_4132711_x2.....gaacacggggugccgaaCc.....	1
Gi3_28162096_x2.....agacgucguAggaacacggggugcc.....	1
Gi3_28024428_x2.....cgugggaacaUggggugccgaa.....	1
Gi3_28117766_x2...gaucggCgacgucgugggaacac.....	1
Gi3_28208108_x2.....aCacgucgugggaacacggg.....	1

Gi2_10950255_x2.....agacgucgugggaaAacggggugc..... 1
Gi3_28170314_x2.....gacgucgugggGacacggggugccg..... 1
Gi5_8797781_x2....aucggagCcgucgugggaacacg..... 1
Gi3_28067858_x2.....agacgAcgugggaacacggggugccgaacu..... 1
Gi2_10957873_x2.....gaacacggggugccgaaUu..... 1
Gi2_10889875_x2....aucggCgacgucgugggaa..... 1
G1a_5914574_x2....aGcggagacgucgugggaacacg..... 1
Gi5_8762525_x2.....gugggaacacAgggugccgaa..... 1
Gi2_10924127_x2.....cgucgugggaacacggAgugcc..... 1
Gi3_28176814_x2.....acAucgugggaacacggg..... 1
Gi4_566418_x2.....aacacggggugccgaacA..... 1
Gi3_27994870_x2.....gUgacgucgugggaacacg..... 1
Gi3_28101734_x2.....acgucgugggaacacggggugAcgaacu..... 1
Gi2_10878435_x2.....acgucgugggGacacggggugccgaac..... 1
Gi2_10943333_x2.....agUcgucgugggaacacggggug..... 1
Gi2_10887693_x2.....gacgucAugggaacacggggugccgaacu..... 1
Gi2_10961961_x2.....gacgucgugggaacacggggUaccgaacu..... 1
Gi5_8718225_x2.....gagacgucgugggaacacggggugcUgaacu..... 1
Gi3_28086572_x2...gaucggagacgucgGgggaacacggg..... 1
Gi1_4153639_x2.....agacgucgugggaacacggggAgccgaacu..... 1
Gi5_8808277_x2.....gacgucguggAaacacggggugccgaacu..... 1
Gi2_10872953_x2.....gucgugggaacGcggggugccgaa..... 1
Gi2_10917753_x2....auUggagacgucgugggaacacggggugccg..... 1
G1a_5889382_x2.....Uucgugggaacacggggugccgaa..... 1
Gi5_8800465_x2.....ucgugggaacacggggugccgaUc..... 1
Gi3_28026996_x2...cgaucggagacgucgugggaacCcg..... 1
Gi4_567214_x2.....cgugAgaacacggggugccgaacu..... 1
Gi1_4150511_x2....aucggagacgucgugggaCcacggg..... 1
Gi3_27996412_x2....aucggagacgucUugggaacacgg..... 1
Gi3_28216548_x2.....acgucgugggGacacggg..... 1
Gi3_27991632_x2...gaucggCgacgucgugggaacacgggg..... 1
Gi5_8774219_x2....aucggagGcugcugggaacacgg..... 1
Gi2_10873721_x2....cggagacgucgugggaacacggggugGc..... 1
Gi2_10916585_x2....aucggagacgucAgggaacacggg..... 1
Gi4_567268_x2.....aaUacggggugccgaacu..... 1
Gi3_28061106_x2.....gacgucgugggaacacggggugccgaaUu..... 1
Gi3_28008342_x2.....gugggaacacggggNgccgaacu..... 1
Gi3_28066846_x2.....ugggaacacggggGgccg..... 1
G1a_5928102_x2....Gucggagacgucguggga..... 1
Gi2_10989293_x2.....gacgucgugggaacacgggAugccgaacu..... 1
Gi3_28071538_x2.....agacgCcgugggaacacggggugcc..... 1
Gi3_28242198_x2.....cgugggaCcacggggugc..... 1
Gi4_554326_x2.....cgucgugggaacacggggCgccga..... 1
Gi2_10957855_x2.....cgugggaacacggggugUcgaa..... 1
Gi2_10860497_x2.....cgucgugggaacaAggggugc..... 1
Gi3_28087522_x2....aucggagacgucguggAaacacggg..... 1
Gi3_28057992_x2.....agacgucgugggaacaUggggugcc..... 1

Gi1a_5933084_x2.....Uacgucgugggaacacggg.....	1
Gi3_28246310_x2.....aucggagacgucgugggaacacgUg.....	1
Gi2_10845725_x2.....gugggaacacggggugccCa.....	1
Gi5_8774735_x2....gaucggagacgucgugggaacCcg.....	1
Gi2_10919353_x2.....Cgacgucgugggaacacgggggu.....	1
Gi3_28237126_x2.....uggNaacacggggugccgaa.....	1
Gi2_10896477_x2.....acgucgugggaGacggggugcc.....	1
Gi3_27998160_x2.....gacgucgugggGacacggg.....	1
Gi2_10850753_x2.....cgucgugggaacGcggggugccgaa.....	1
Gi1_4100241_x2.....gaUcacggggugccgaacuu.....	1
Gi1a_5943140_x2.....acgCcgugggaacacgggggu.....	1
Gi5_8764523_x2.....ucggagacAucgugggaacacg.....	1
Gi3_28046572_x2.....acgucgugggaacacAgggugcc.....	1
Gi1_4140219_x2.....ggagacgucgugggaGcacggggugcc.....	1
Gi1_4136725_x2....aucggagacAucgugggaacacg.....	1
Gi1_4137739_x2.....ggagacgucgugggaacacggg.....	0
Gi5_8787299_x2.....gugggaacacggggugccUac.....	1
Gi1_4098033_x2.....ucgugggaacacggggug.....	0
Gi5_8825465_x2.....cgucgugggGacacggggugc.....	1
Gi3_27990978_x2...cgaucggaNacgucgugggaacacgg.....	1
Gi3_28160022_x2.....gucguggAaacacggggugccga.....	1
Gi3_28023034_x2.....acgucgugggaacacggggugUcgaac.....	1
Gi3_28208054_x2...gUucggagacgucgugggaacacggggugc.....	1
Gi3_28167592_x2.....agacgucgugggaacacgggAugccgaacu.....	1
Gi3_28198522_x2.....cggagacgucgCgggaacacgggg.....	1
Gi1a_5912624_x2....Caucggagacgucguggga.....	1
Gi2_10829211_x2.....gucgugggaacacUgggugccgaacu.....	1
Gi1a_5938540_x2.....ucgugggaNcacggggugccgaac.....	1
Gi5_8780973_x2.....gAgggaacacggggugccgaacuu.....	1
Gi1_4153625_x2.....gugggaacacggggugccgaaGu.....	1
Gi1_4103511_x2.....cggagacgucgugggaacacgCg.....	1
Gi5_8826279_x2.....gugggaacacgggAugccgaac.....	1
Gi5_8802721_x2.....Gcacggggugccgaacuuu.....	1
Gi2_10831719_x2.....agacgucgugAgaacacggggugcc.....	1
Gi3_28202132_x2....aucggagCcgucgugggaacac.....	1
Gi3_28066582_x2.....Agagacgucgugggaaca.....	1
Gi1a_5896378_x2...cgaucggagacgCcgugg.....	1
Gi2_10989061_x2.....gagacgucgugggaacGcggggugccg.....	1
Gi3_28100736_x2.....gagacgucgAgggaacac.....	1
Gi1_4123699_x2.....cgugggaacacggggguAccg.....	1
Gi3_28029820_x2.....cggagGcgucgugggaacacg.....	1
Gi2_10857817_x2....gaucggagacgucguAgggaacacggggug.....	1
Gi2_10846387_x2....cggagacgucgugggaacacggggCg.....	1
Gi2_10976041_x2....gaucggagacgucguggAaacac.....	1
Gi1_4096423_x2.....gugggaacacggggugccCaacu.....	1
Gi3_28055120_x2....Caucggagacgucgugggaaca.....	1
Gi3_28233724_x2.....acgucgugggGacacggggugccga.....	1

Gi3_28243518_x2.....aUacgucgugggaacacgggg..... 1
 Gi3_28064918_x2.....cgAagacgucgugggaacacg..... 1
 Gi4_553760_x2.....cgugggaacacggggugccgaacA..... 1
 Gi3_28150550_x2.....agacgucgCgggaacacggggugcc..... 1
 Gi3_28227338_x2.....cgucgugggaacacggggguAccga..... 1
 Gi3_28074980_x2.....cguAguggggaacacggggugcc..... 1
 Gi1a_5950380_x2.....aacacggggugccUaacu..... 1
 Gi2_10907903_x2.....ggagGcgucgugggaacacg..... 1
 Gi2_10873901_x2.....aucggaAacgucgugggaacacg..... 1
 Gi1_4124125_x2.....cgugggaaNacggggugccgaacuu..... 1
 Gi1_4149933_x2.....Ggggaacacggggugccgaa..... 1
 Gi3_28135038_x2.....aUgucgugggaacacggggugccgaa..... 1
 Gi2_10908455_x2.....gauUggagacgucgugggaacacgggg..... 1
 Gi5_8765133_x2.....ucgugggaacacggggugGcgaacu..... 1
 Gi2_10925227_x2.....guCggaacacggggugccgaac..... 1
 Gi2_10969295_x2.....aucggagacgucgugggaacCcg..... 1
 Gi3_28176316_x2.....gagacgucguggAaacacggggugccgaacu..... 1
 Gi1_4132777_x2.....ucgugggaacacgAggugccgaac..... 1
 Gi1_4118541_x2.....cgugggaacacggggguCccgaacu..... 1
 Gi2_10970081_x2.....gacgucgugAgaacacggggugcc..... 1
 Gi3_28068040_x2.....gaucggagCcgucgugggaacacgggg..... 1
 Gi3_28133388_x2.....gucgugggaacacggggCgc..... 1
 Gi1_4120099_x2.....gaacacggggugccgaaGu..... 1
 Gi2_10967795_x2.....aucggagacgucguggCaacacgggggu..... 1
 Gi2_10990889_x2.....gacgucgCgggaacacgggggu..... 1
 Gi5_8719899_x2.....Gucggagacgucgugggaaca..... 1
 Gi2_10955833_x2.....ucggGgacgucgugggaacacgggg..... 1
 Gi2_10896331_x2.....gucAugggaacacggggugccgaac..... 1
 Gi1a_5922106_x2.....guUggaacacggggugcc..... 1
 Gi1_4092611_x2.....gucgugggaUacggggugcc..... 1
 Gi1_4138671_x2.....cUgagacgucgugggaacacggggugccgaac..... 1
 Gi5_8718423_x2.....uggAaacacggggugccgaac..... 1
 Gi2_10917387_x2.....gucgugggCacacggggugccgaac..... 1
 Gi5_8794129_x2.....gCcgugggaacacggggugccgaa..... 1
 Gi3_28022922_x2.....cgugggaacaAgggggugcc..... 1
 Gi1_4126579_x2.....cgugggaacacAgggugccgaacuu..... 1
 Gi2_10858545_x2.....gCgaacacggggugccga..... 1
 Gi2_10992239_x2.....gaucggGgacgucgugggaac..... 1
 Gi3_28181102_x2.....Cgagacgucgugggaacacg..... 1
 Gi3_28052084_x2.....gagacAucgugggaacacggggugccgaacu..... 1
 Gi3_28211088_x2.....agacgucgugggaacacggggugccUac..... 1
 Gi3_28148690_x2.....gagacgucgugggaacCcg..... 1
 Gi1_4106059_x2.....aucggagaNgucgugggaacac..... 1
 Gi3_28147940_x2.....acgucgugggaacacAgggugccgaa..... 1
 Gi3_28169928_x2.....gaucggagaUgucguggg..... 1
 Gi3_28187906_x2.....gacgucgugggaacCcggg..... 1
 Gi3_28227174_x2.....ggagacgucAugggaacacg..... 1

Gi5_8808935_x2.....aucgUagacgucgugggaacacgg.....	1
Gi2_10912177_x2.....cgucgugggaacGcggggugccgaac.....	1
Gi3_28185294_x2.....gUcgucgugggaacacgg.....	1
Gi3_28043342_x2.....aucggagacgucgugggCacacgggg.....	1
Gi5_8818889_x2.....aucggagacgucgugggaCcacggggugcc.....	1
Gi3_28017780_x2.....acgucgugggaacaUggggugcc.....	1
Gi3_28130550_x2.....gaaNacggggugccgaac.....	1
G1a_5911814_x2.....gggNacacggggugccgaacu.....	1
Gi2_10909523_x2.....gucgugggaacacAgggugc.....	1
Gi5_8745129_x2.....agacgucgugggaacacggggugccgaacG.....	1
Gi5_8718839_x2.....ucgugCgaacacggggugccgaacu.....	1
Gi2_10981223_x2.....gugggaacacCgggugccgaac.....	1
Gi3_28174772_x2.....gacgucgugggaacacggggugcAgaac.....	1
Gi2_10836367_x2.....ucggagacgucgugggaGcacggggugc.....	1
Gi4_561452_x2.....acgucgugggaacacggggugccgaaAu.....	1
Gi3_28096346_x2.....cgaucggagacgucgugggGacacgg.....	1
Gi3_28011902_x2.....gaUacgucgugggaacacggggugccgaacu.....	1
Gi3_28133770_x2.....ggUgacgucgugggaaca.....	1
Gi3_28258036_x2.....gucgugggaAacggggugccga.....	1
Gi3_28059268_x2.....acgucgugggaacacggggGgc.....	1
Gi2_10843689_x2.....cgucgugggaacacAgggugcc.....	1
Gi1_4120539_x2.....gGucggagacgucguggg.....	1
Gi5_8743073_x2.....cgucgugggaacacggggugAcgaacu.....	1
Gi2_10946067_x2.....aucggagacUucgugggaacacggggugcc.....	1
Gi2_10877347_x2.....cgucgugggaGcacggggug.....	1
Gi2_10916001_x2.....gaucggagacgucAugggaacac.....	1
Gi3_28017160_x2.....ggagacgucgugggaacacggggAgcc.....	1
G1a_5879238_x2.....gggaacacggAgugccgaacu.....	1
G1a_5980070_x2.....gaucggagacgucgugggaacGcggggu.....	1
Gi3_28127186_x2.....ggagacgCcgugggaacacggggugcc.....	1
Gi5_8783353_x2.....gggaacacggggAccgaac.....	1
Gi1_4132683_x2.....aCcgagacgucgugggaacacgg.....	1
Gi3_28185946_x2.....cgaucggagGcgucguggg.....	1
Gi3_28070634_x2.....gggaacacggggugccgaU.....	1
Gi3_28019934_x2.....aucggaAacgucgugggaacacgggg.....	1
Gi3_28164938_x2.....gacgucAugggaacacggggU.....	1
Gi3_28049248_x2.....gaucggagacgucAugggaacacg.....	1
Gi3_28077936_x2.....cAgagacgucgugggaacacggg.....	1
Gi3_28049886_x2.....cggagacguAgugggaacacggggU.....	1
Gi1_4121999_x2.....gggaacacggggugccgU.....	1
Gi3_27995456_x2.....cgaucggagacgucgugggCacacgg.....	1
Gi3_28098884_x2.....gaucggagacgucAugggaacacgg.....	1
Gi1_4113107_x2.....aucggagCcgucgugggaacacg.....	1
Gi3_28253040_x2.....aucggagacgucguggAaacacgg.....	1
Gi5_8752233_x2.....cgucUugggaacacggggugc.....	1
Gi1_4138001_x2.....aucggagacgucgugggaUacggggugcc.....	1
Gi1_4115813_x2.....gggaaAacggggugccgaacu.....	1

Gi4_557216_x2	.....gugggGacacggggugccgaa	1
Gi2_10925553_x2	.....gagacgucgugggaacac	0
Gi3_27995884_x2	.....gaacUcggggugccgaac	1
Gi2_10845181_x2	.....cgugggaacaUggggugc	1
Gi2_10912911_x2	.....ugggaacacggggCgccga	1
Gi2_10874763_x2	.....agacgucgugggaCcacggggugccgaacu	1
Gi5_8773353_x2	.....Ugugggaacacggggugcc	1
Gi4_557642_x2	.....aucggagacgucgugggaacacggggugcA	1
Gi1_4151351_x2	.....Ggugggaacacggggugcc	1
Gi3_28126384_x2	.....aucggagacgucgugggaUcacgg	1
Gi2_10921533_x2	.....ugggaacacAgggugccgaa	1
Gi1_4131425_x2	.....cCucgugggaacacggggugcc	1
Gi1_4132923_x2	.....ggaacacggggGgccgaac	1
Gi3_28014834_x2	.....cggagacgucgugggCacacgggg	1
Gi2_10961669_x2	.....Aucgugggaacacggggugccg	1
Gi2_10878065_x2	.....cgugggaacacgUggugccg	1
Gi2_10960601_x2	.....aucggagacgucgugggaacacggggA	1
Gi2_10889919_x2	.....ucggagacgucguAggaaca	1
Gi3_28036428_x2	.....gugggaacNcggggugccgaacuu	1
Gi3_28028284_x2	.....aucggagacgucguCggaacacg	1
Gi5_8730531_x2	.....cgugggaacacggggugccgC	1
Gi5_8718899_x2	.....ggagGcucgugggaacacggggugccgaacu	1
Gi3_28054754_x2	.....ucggagacgucgugggGacacggggugcc	1
Gi5_8812499_x2	.....guAggaacacggggugccgaa	1
Gi3_28183748_x2	.....ucgCgggaacacggggugccgaa	1
Gi3_28222754_x2	.....aucggagacgAcgugggaacacgggg	1
Gi2_10842315_x2	.....cgugggaacacggggugAcg	1
Gi3_28002992_x2	.....Ncugggaacacggggugccgaac	1
Gi1_4130611_x2	.....cgucgugggaGcacggggugcc	1
Gi5_8725151_x2	.....uUggaacacggggugccga	1
Gi1a_5914404_x2	.....aacacggggCgccgaacu	1
Gi5_8820373_x2	.....cgAgggaacacggggugc	1
Gi2_10935719_x2	.....ggagacgucgugggaacacgUggugc	1
Gi2_10862737_x2	.....gagacguUgugggaacacggggug	1
Gi3_28008462_x2	.....Cagacgucgugggaacacg	1
Gi2_10990049_x2	.....ucgugggCacacggggugccgaac	1
Gi1a_5911524_x2	.....Cugggaacacggggugccgaac	1
Gi3_28054164_x2	.....gugggaacaGggggugccgaa	1
Gi5_8781473_x2	.....gaacacggggCgccgaac	1
Gi3_28243380_x2	.....agacgucgAgggaacacggggugccgaacu	1
Gi2_10889157_x2	ugUgaucggagacgucguggga	1
Gi5_8723707_x2	.....gugggaacaUggggugccgaa	1
Gi2_10865109_x2	.....ggagacgucgugggaacacggggAcc	1
Gi5_8724907_x2	.....aucggagacgucguAggaacacggggugc	1
Gi2_10986085_x2	.....Ngaacacggggugccgaac	1
Gi2_10970827_x2	Ggaucggagacgucgugggaacacg	1
Gi3_28219220_x2	Aaucggagacgucgugggaacacggggugcc	1

Gi2_10982137_x2	cgaucggagacgucgugggaCcacggg	1
Gi3_28211394_x2	ucggCgacgucgugggaacacg	1
Gi3_28062110_x2	aucggagacgucgugUgaacacggg	1
Gi2_10870177_x2	aucggGgacgucgugggaacacggggugccgaacu	1
Gi2_10902581_x2	ucgugggaacacggggGgccc	1
Gi2_10979865_x2	aucNgagacgucgugggaaca	1
Gi2_10933579_x2	gaucggagacgucgugggaacaUg	1
Gi3_28221606_x2	Aucgugggaacacggggugccgaa	1
Gi3_28119844_x2	auAggagacgucgugggaacacggggugcc	1
Gi2_10876505_x2	uGggagacgucgugggaacacggggg	1
Gi1_4094233_x2	gucgugggaacacggggGg	1
Gi3_28004550_x2	gucgugggaacacAgggugc	1
Gi1a_5965470_x2	Aaucggagacgucgugggaacac	1
Gi2_10992217_x2	aucggagacgucgAgggaacacggggugc	1
Gi5_8784403_x2	cgugggaacacggggugccAa	1
Gi2_10875665_x2	gaucggagacgucgugggaUac	1
Gi1a_5891532_x2	uggUacacggggugccgaacu	1
Gi1a_5888844_x2	ggaacacgggAugccgaacu	1
Gi3_28051548_x2	ucggagacgucgugggaacGcg	1
Gi2_10840855_x2	aucggagacgucgugggaacacggggugcU	1
Gi2_10941265_x2	cgucgugggaacCggggg	1
Gi1_4152849_x2	guggUaacacggggugccga	1
Gi2_10916439_x2	ugggaacacAgggugccg	1
Gi3_28237556_x2	cggagacgucgugggaacCcgggg	1
Gi1_4091761_x2	gucgugggaacaUggggugcc	1
Gi5_8796889_x2	cgucgugggaacacUgggugccgaacu	1
Gi2_10833741_x2	ggagacguUgugggaacacggggug	1
Gi2_10933493_x2	gugggaacacUgggugccgaac	1
Gi3_28156114_x2	cgGcgugggaacacggggugccgaa	1
Gi1a_5883136_x2	guggUaacacggggugccga	1
Gi1a_5905578_x2	cUugggaacacggggugccgaac	1
Gi5_8733227_x2	Aagacgucgugggaacacggggugccgaacu	1
Gi4_566234_x2	gaucggagacgucguggga	0
Gi2_10940573_x2	cgugggaacacgUggugccgaa	1
Gi2_10843303_x2	aucggagacgucgugggaAa	1
Gi3_28008610_x2	gagacgucgugCgaacacggggugccg	1
Gi1_4140475_x2	cgugggaacacgAggugccgaa	1
Gi1_4156795_x2	ucgugggaacacUgggugccgaac	1
Gi1_4095909_x2	cgugggaacacggggugccgaUc	1
Gi2_10988925_x2	gagacgucgCgggaacacggggugccgaacu	1
Gi1a_5975062_x2	gaCcgagacgucguggg	1
Gi5_8765195_x2	ucgugggaacacggggUAccgaac	1
Gi1_4105997_x2	aucggagCgucgugggaacacg	1
Gi3_28152780_x2	acgucgugggaacacgggAugccgaac	1
Gi2_10890059_x2	acgucgugggaAacggggugccgaacu	1
Gi5_8780103_x2	cgugggGacacggggugccga	1
Gi4_554166_x2	uGgugggaacacggggugccgaacu	1

Gi3_28233948_x2...gaucggagacguUgugggaacacgggggu..... 1
 Gl1a_5892716_x2...aAcggagacgucgugggaacacggggugcc..... 1
 Gl1a_5952064_x2.....gaUcacggggugccgaacu..... 1
 Gi3_28210908_x2.....cgugggaacacggggUccga..... 1
 Gi2_10951523_x2.....acgucgugggaacCcggggu..... 1
 Gi5_8797871_x2.....Gggagacgucgugggaacacgggg..... 1
 Gi5_8764251_x2.....gucUugggaacacggggugccgaacu..... 1
 Gi2_10987353_x2.....ucggagacgucgugggGacacggggugcc..... 1
 Gi3_28111116_x2...gaucggagacgucgugggCaca..... 1
 Gi2_10944583_x2.....cgugggaUacggggugcc..... 1
 Gi1_4144103_x2.....cgugggaacacggggCgcccga..... 1
 Gi3_28032586_x2.....gggaacaGggggugccgaacu..... 1
 Gi2_10943989_x2.....agacgucgugggaacacggggugccgaacG..... 1
 Gi2_10986087_x2.....cggagacgucgugAgaacacggggugc..... 1
 Gi2_10920821_x2.....gagacguAgugggaacacggggug..... 1
 Gi5_8828787_x2.....ucggagacgCcgugggaacacg..... 1
 Gi2_10886539_x2.....ggaacacggggugccgaGu..... 1
 Gl1a_5926380_x2...gcgaucggagacgCcgug..... 1
 Gi2_10974941_x2.....Uacgucgugggaacacggggugccga..... 1
 Gi3_28157692_x2.....Gggagacgucgugggaacacggggugc..... 1
 Gi3_28104536_x2.....cgucgugggaacacggggugGcg..... 1
 Gi3_28031476_x2...aucggagacgucgCgggaacac..... 1
 Gi3_28118672_x2.....Ugaacacggggugccgaacuu..... 1
 Gi2_10984453_x2...gaucggagaUgucgugggaacacgggg..... 1
 Gi2_10833139_x2.....gugggaacacggggAgccg..... 1
 Gi3_28074714_x2...cggagacgucgugggaacacggggAgcc..... 1
 Gl1a_5940748_x2.....ggaUcacggggugccgaacu..... 1
 Gi3_28178040_x2.....aacacggggugccgaaUuu..... 1
 Gi2_10864347_x2.....cgugggaacaAgggggugcc..... 1
 Gi3_28047534_x2.....Nugggaacacggggugccgaa..... 1
 Gi3_28120730_x2.....gacgucgugggaacacggggC..... 1
 Gi2_10834125_x2.....gggaacacggggAgccgaac..... 1
 Gi5_8817015_x2...cgauccgagacgCcgugggaacacgggg..... 1
 Gi4_559224_x2...guUggaacacggggugccgaac..... 1
 Gi2_10971685_x2.....cgucgugggaacacggggugAc..... 1
 Gi2_10907027_x2.....gacgucgugggaCcacggggugccg..... 1
 Gl1a_5949266_x2...gaucUgagacgucgugggaacacgggggu..... 1
 Gi5_8735085_x2.....cgucgugggaacaGggggugccgaacu..... 1
 Gi2_10835597_x2.....cAugggaacacggggugccga..... 1
 Gi2_10941961_x2.....ggagaUgucgugggaacacggggugcc..... 1
 Gi2_10828759_x2...aucggagacgucgGgggaacac..... 1
 Gi1_4090317_x2.....ggaacacggggugcAgaacu..... 1
 Gi3_28099774_x2.....aacacggggugcUgaacuu..... 1
 Gi3_28208218_x2.....ggagacguNgugggaacacg..... 1
 Gi2_10965165_x2...aucggUgacgucgugggaacacggggug..... 1
 Gi1_4144693_x2.....ucgugggaNcacggggugc..... 1
 Gi2_10883697_x2.....cgugCgaacacggggugccgaac..... 1

Gi3_28152540_x2.....aucggagacCucgugggaacacg.....	1
Gi5_8826595_x2.....ucgugggaacacgggCugccgaacu.....	1
Gi2_10954955_x2.....gacgucgugggaacacggggugccA.....	1
Gi2_10858699_x2.....ggagacgucgugggaacacggggugcA.....	1
Gi3_28257812_x2.....acgucgugggaacCcggggugccgaa.....	1
Gl1a_5939666_x2.....aucggagaNgucgugggaacacggggugcc.....	1
Gi2_10947361_x2.....ggagacgucgAgggaacac.....	1
Gi1_4133543_x2.....gggaUcacggggugccgaacu.....	1
Gi5_8751919_x2.....gucgugggaacacggggGgccgaac.....	1
Gi5_8829071_x2.....gGcgugggaacacggggugccgaa.....	1
Gi3_28088352_x2.....gGcgugggaacacggggugccgaacuu.....	1
Gl1a_5925322_x2.....ggaacacggAgugccgaacu.....	1
Gi4_554044_x2.....gucgugggNacacggggugccgaacu.....	1
Gi1_4135611_x2.....cgugggaacacggggugccgaU.....	1
Gi1_4153443_x2.....ggGgacgucgugggaacacggggugcc.....	1
Gi3_28124784_x2.....gagacgucgugggaGcacggggugccgaacu.....	1
Gi3_28209402_x2.....aucggagacgucgugAgaacacggggugc.....	1
Gl1a_5927080_x2.....gugggaacacgggCugccgaacu.....	1
Gi5_8802515_x2.....ucgugggaacacggggugccgaa.....	0
Gi2_10848809_x2...cgUucggagacgucguggga.....	1
Gl1a_5902340_x2.....cgucgugggaacacggggGgccgaacu.....	1
Gi2_10908593_x2.....ucgugggaNcacggggugcc.....	1
Gi1_4157221_x2.....gGgacgucgugggaacacggggugccga.....	1
Gi5_8811299_x2.....ucgGgggaacacggggugccgaac.....	1
Gi3_28248462_x2.....ggagacguNgugggaaca.....	1
Gi5_8814825_x2.....guAgugggaacacggggugccgaacu.....	1
Gi3_28227286_x2...gaucggagNcgucgugggaacacgg.....	1
Gi3_27994090_x2.....gacgucgugggGacacgg.....	1
Gi5_8775277_x2.....cgugggaaUacggggugccgaac.....	1
Gi5_8786763_x2.....Cucggagacgucgugggaacacg.....	1
Gi5_8731191_x2.....aacacggggguCccgaacu.....	1
Gl1a_5883766_x2.....aucggagacgucgugggaacCggg.....	1
Gl1a_5938504_x2.....cgugggaacCggggugc.....	1
Gi4_562910_x2.....cgugggaacacggggugc.....	0
Gi1_4100263_x2.....gugggaacCcggggugccgaac.....	1
Gl1a_5954882_x2.....gucgugggaacacggggGgccgaacu.....	1
Gi1_4092871_x2.....cgucgugggaacacgggAugcc.....	1
Gi3_28112914_x2.....gacgucgugggaacacAggggu.....	1
Gi3_28224928_x2.....ucgugggaacacggggugccUaac.....	1
Gi5_8719597_x2.....acgucgugggaacacggggCgccg.....	1
Gi2_10959435_x2.....aucgAagacgucgugggaacacgggg.....	1
Gi1_4100571_x2.....ucguggAaacacggggugccgaac.....	1
Gi3_28126836_x2.....ucgugggaacCcggggugcc.....	1
Gi1_4117609_x2.....gugggaacNcggggugccgaacuu.....	1
Gi2_10882901_x2.....gugggCacacggggugccga.....	1
Gi3_28140822_x2.....cgucgugggaacaGggggugccgaacu.....	1
Gi2_10950651_x2.....ucggagacgucgugggaacCcgggg.....	1

Gi5_8745701_x2.....uggaacaacggggugcAga..... 1
 Gi3_27986222_x2.....acgucgugggaacCcggggugccga..... 1
 Gi2_10959471_x2.....cgucgugggaacCcggggugc..... 1
 Gi3_27994538_x2.....Cagacgucgugggaacacggggugccgaac..... 1
 Gi5_8746537_x2.....gugggaacaUggggugccga..... 1
 Gi2_10983665_x2.....gaucggagacgucgugggaacacggggA..... 1
 Gi3_28187808_x2.....cgucgCgggaacacggggugc..... 1
 Gi2_10841581_x2.....gacgucgugggaacacggggugcUgaacu..... 1
 Gi3_28260340_x2.....gaucggCgacgucgugggaacacgg..... 1
 Gi3_28182410_x2.....ucgugggaacacAgggugccg..... 1
 Gi3_28169172_x2.....gCagacgucgugggaacacg..... 1
 Gi3_27985100_x2.....cggAUacgucgugggaacacgggg..... 1
 Gi3_27995778_x2.....cggagacgucguAggaacacggggg..... 1
 Gi3_28146398_x2.....aucggagacguAgugggaacacggggugcc..... 1
 Gi2_10832885_x2.....cggagacAucgugggaacacggggugccgaacu..... 1
 Gi5_8801525_x2.....aGucgugggaacacggggugccgaac..... 1
 Gi3_28004736_x2.....gucAugggaacacggggugcc..... 1
 Gi1_4134563_x2.....agacUucgugggaacacgggg..... 1
 Gi3_28158862_x2.....gacgucgugggaacacggggugAcgaacu..... 1
 Gi2_10911365_x2.....ggagacgucgugggaCcacggggugc..... 1
 Gi3_28213278_x2.....cgugggaacacggUgugcc..... 1
 Gi2_10854111_x2.....gacgucgugggaacacggggUac..... 1
 Gi3_28017500_x2.....ugggaUcacggggugccgaa..... 1
 Gi5_8759569_x2.....cgugggaacacggggugcAgaac..... 1
 G1a_5889564_x2.....ggaacacgCggugccgaacu..... 1
 Gi1_4131065_x2.....gucgugggaacCcggggug..... 1
 G1a_5926824_x2.....cgugggaacacgUggugccgaacu..... 1
 G1a_5915572_x2.....gugggaacacgUggugccga..... 1
 Gi5_8828711_x2.....Aaucggagacgucgugggaacacg..... 1
 Gi2_10982243_x2.....aucggagacgucgugAgaacacgggg..... 1
 Gi4_566686_x2.....gaucggagacgucgugggaacacgggg..... 0
 Gi4_564580_x2.....Ccgugggaacacggggugccgaacu..... 1
 Gi3_28194944_x2.....acgucgugCaacacggggugccgaacu..... 1
 Gi5_8800295_x2.....gugggaGcacggggugccgaa..... 1
 Gi2_10926347_x2.....ggaAacgucgugggaacacggggugc..... 1
 Gi2_10982853_x2.....Ccgagacgucgugggaacacggggugc..... 1
 Gi5_8817341_x2.....ucgugggGacacggggugccgaac..... 1
 Gi3_27994086_x2.....aucggagacgucgugggaacacggggCu..... 1
 Gi2_10957883_x2.....acgucgugggaacUcggggugcc..... 1
 Gi2_10873739_x2.....gaucAgagacgucguggga..... 1
 Gi3_28147950_x2.....ucgugggaacCcggggugccga..... 1
 Gi1_4146097_x2.....ggaacacggggugccgUac..... 1
 Gi3_28217294_x2.....aucggagacguUguggga..... 1
 Gi1_4153651_x2.....gggaacCcggggugccgaacu..... 1
 Gi3_28146750_x2.....ggUgacgucgugggaacacgggg..... 1
 Gi5_8825989_x2.....cgCgggaacacggggugc..... 1
 Gi3_28024012_x2.....auAggagacgucguggga..... 1

Gi1a_5977764_x2.....cgugggGacacggggugcc.....	1
Gi5_8781563_x2.....gggaaUacggggugccgaac.....	1
Gi2_10890049_x2.....cgucgugggaacacggggugA.....	1
Gi2_10851067_x2.....aucggagacgucgugggaCcacgggg.....	1
Gi2_10887913_x2.....ucgugggaacaUggggugccgaac.....	1
Gi5_8828939_x2.....cgugggaacacggAgugccgaac.....	1
Gi3_28083378_x2.....acgucgugggaacCcggg.....	1
Gi3_28222854_x2.....uggUaacacggggugccgaa.....	1
Gi5_8799679_x2.....cgugAgaacacggggugcc.....	1
Gi2_10980431_x2.....gacgucgugggaCcacggggugccgaac.....	1
Gi3_28205208_x2..cgaucggagacgucguggAaacacg.....	1
Gi3_28045830_x2.....aucggagacgucguCggaacacggggugc.....	1
Gi3_28175568_x2.....gaucggagacgucguggUacacggg.....	1
Gi3_28138966_x2.....aucggagacguUgugggaacacgg.....	1
Gi2_10869059_x2.....cgUagacgucgugggaacacggggg.....	1
Gi1a_5900050_x2.....Gucggagacgucgugggaacacg.....	1
Gi2_10918505_x2.....gagacgucgugggaacacggggugccgaa.....	0
Gi5_8819157_x2.....ucggGgacgucgugggaacacg.....	1
Gi2_10956395_x2.....acgucgugAgaacacggggugcc.....	1
Gi3_28127928_x2.....cggagacgucgugggaacacgggAu.....	1
Gi3_28061692_x2.....gacgucgugggaacacggggugccgaCcu.....	1
Gi2_10876257_x2.....gaucggagacgucgugggaUacggggug.....	1
Gi1_4113657_x2.....acgucgugggaacacggggGgccg.....	1
Gi2_10931209_x2.....gaucggagacgucgugggUacacgggg.....	1
Gi1_4139789_x2.....ugggaCcacggggugccgaac.....	1
Gi3_27994840_x2Augcgaucggagacguc.....	1
Gi1_4149651_x2.....aCacgucgugggaacacggggugcc.....	1
Gi2_10844929_x2.....aucggagacgucgugggaacacgAggug.....	1
Gi1_4117193_x2.....ucgugggaacacggggugcA.....	1
Gi1_4132021_x2.....ggaacacggggugccgaaAu.....	1
Gi2_10978599_x2.....Ugagacgucgugggaacacggggugccga.....	1
Gi1_4153685_x2.....gugggaGcacggggugccgaac.....	1
Gi1_4143943_x2.....ugggaacacggggugccgaaGu.....	1
Gi1a_5927938_x2.....gggUacacggggugccgaaacu.....	1
Gi3_28079012_x2.....agacgucgugggaacacgAggugccgaac.....	1
Gi3_28027472_x2.....Cucggagacgucgugggaacacggggugcc.....	1
Gi2_10899175_x2.....gucgugggaacacggggCgccga.....	1
Gi3_28002284_x2.....gucgugggaacacggggugccCaac.....	1
Gi3_28025412_x2.....cgucgugggaacacgAgg.....	1
Gi2_10896905_x2.....gaacacgggggUcccgaacu.....	1
Gi3_28204440_x2.....agacgucgugggaacacggggUaccgaacu.....	1
Gi3_27996056_x2.....Aagacgucgugggaacacggggugccg.....	1
Gi3_28142652_x2.....aucggagacguAgugggaacacgggg.....	1
Gi2_10896197_x2.....gucgugggNacacggggugccg.....	1
Gi3_28049686_x2.....gggaacacggggugccgaGcuu.....	1
Gi2_10978789_x2.....aacacUggggugccgaacu.....	1
Gi1_4123717_x2.....cgucgugggaacacgggAugccgaacu.....	1

G1a_5940784_x2.....Gcgucgugggaacacggggu..... 1
 Gi3_28260530_x2.....aucggagacgucguggAa..... 1
 Gi2_10908451_x2.....ggaacacggggugccCaac..... 1
 Gi3_28151552_x2.....cggagaUgucgugggaacacggggugcc..... 1
 Gi2_10984723_x2.....gagacgucguggUaacacggggugcc..... 1
 Gi1_4144995_x2.....uggaacaacggggugAcgaac..... 1
 Gi2_10975245_x2.....agUcgucgugggaacacggggugccgaac..... 1
 Gi3_28107132_x2.....aucggagacgucgugggaacacggggUAcc..... 1
 Gi3_28027504_x2.....aucggagacAucgugggaacacgggg..... 1
 Gi5_8817981_x2.....gugggaacaUggggugccg..... 1
 Gi1_4135067_x2.....gucgugggaacacggggugccgaCc..... 1
 Gi3_28106058_x2.....gaucggagacgucgugggaacacggggCgcc..... 1
 Gi1_4151531_x2.....gacgucgugggaacacggggugcAgaacu..... 1
 Gi3_28185116_x2.....ucgGgggaacacggggugccga..... 1
 Gi3_28058028_x2.....gaacacggggugccgaau..... 1
 Gi2_10902313_x2.....gcgaucggNgacgucgugggaacac..... 1
 Gi1_4153833_x2.....gacgucgugcCaacacggggugccgaac..... 1
 Gi2_10890807_x2.....ucggagacgCcgugggaacacggggugccga..... 1
 Gi3_28011654_x2.....cgugggaacacggggugccgCa..... 1
 Gi2_10849697_x2.....cggagacgucgugggCacacggggugcc..... 1
 Gi3_28250256_x2.....ggaacacggcCgugccgaac..... 1
 Gi3_27997362_x2.....cggagacgucgugggaacCcgggugc..... 1
 Gi5_8800859_x2.....gacgucgugggaacacggggugccgaGcu..... 1
 Gi1_4121533_x2.....gacgucgugggaacacggg..... 0
 Gi2_10902565_x2.....agGcgucgugggaacacggggugccg..... 1
 Gi1_4104005_x2.....ucgugggaacGcgggugcc..... 1
 Gi3_28034168_x2.....gaucggagacgucguggAaacac..... 1
 Gi2_10832027_x2.....gugggaacacggggugcG..... 1
 Gi1_4156167_x2.....acgucgugggaacacggAgugcc..... 1
 Gi3_28140090_x2.....aucggagacguGgugggaacacggg..... 1
 Gi2_10925115_x2.....gggaacacggcCgugccgaac..... 1
 Gi3_28189456_x2.....cggagacgucgCgggaacacgg..... 1
 Gi1_4153173_x2.....ggagacgucgugggaacacggggU..... 1
 Gi2_10945567_x2.....gaucggagGcgucgugggaacac..... 1
 Gi1_4125181_x2.....gaucggagacgucgugggaacacggggU..... 1
 Gi5_8780207_x2.....cgucgGgggaacacggggugccgaac..... 1
 Gi2_10863967_x2.....ggaacacggggCgccga..... 1
 Gi5_8772941_x2.....gucgugCgaacacggggugccgaacu..... 1
 Gi3_28211198_x2.....cAaucggagacgucgugggaacacg..... 1
 Gi1_4133883_x2.....ucgugggaacacgCggugccgaacu..... 1
 Gi2_10956569_x2.....cgAcgugggaacacggggugccgaac..... 1
 Gi1_4111235_x2.....ucggagGcgucgugggaacacg..... 1
 Gi2_10839399_x2.....ucggUgacgucgugggaacacg..... 1
 Gi3_28025162_x2.....gggaacacggggugccCaa..... 1
 Gi3_28259664_x2.....gaucggagacgucgugggaacacggggCgc..... 1
 Gi1_4147287_x2.....cgugggaacacggggCgccgaac..... 1
 Gi1_4158531_x2.....gggaacacgUggugccgaacu..... 1

Gi3_28244206_x2.....gucgugggaaAacggggu.....	1
Gi5_8827979_x2.....Ggggaacacggggugccga.....	1
Gi2_10892095_x2.....acgucgugggaaacacggAgugccgaac.....	1
Gi2_10963525_x2.....cggagacgucgugggaaacGcggggugc.....	1
Gi1_4095367_x2.....gugggaacacggggugUcgaac.....	1
Gi1_4153155_x2.....agacgucgugggaaacGcggggugccgaacu.....	1
Gi3_28232438_x2.....ucggagacgucgugggaaacGcggg.....	1
Gi1_4135219_x2.....aCcgagacgucgugggaaacacggggugcc.....	1
Gi2_10900101_x2.....gaucggagacgucguAggaacac.....	1
Gi5_8766741_x2.....ucAugggaacacggggugccgaac.....	1
Gi1_4121037_x2.....gaaGacggggugccgaacu.....	1
Gi2_10916195_x2.....acgucgugggaaacUggggugccg.....	1
Gi2_10989931_x2.....Cugggaacacggggugccgaacuu.....	1
Gi1_4121709_x2.....gugggaGcacggggugccgaacuu.....	1
Gi3_28167826_x2.....ggagacgucgugggGacacgg.....	1
G1a_5925776_x2.....gGgacgucgugggaaacacg.....	1
Gi3_28083722_x2.....gagacgCcgugggaaacacggggugc.....	1
Gi5_8727377_x2.....aucggagaNucgugggaaacacgggg.....	1
Gi2_10865487_x2.....gucgugggaaacacggggugAcg.....	1
G1a_5964546_x2.....cguAggaaacacggggugccgaacu.....	1
Gi1_4151537_x2.....gugggaacCcggggugccgaacuu.....	1
Gi3_28130048_x2.....gucgugggaaacacgAggugcc.....	1
Gi3_28204130_x2.....gucgugggaaacCcggggugc.....	1
Gi3_28158442_x2.....agacgucgugggaaacacggggAgcc.....	1
Gi1_4137813_x2.....cgucgAgggaacacggggugccgaac.....	1
Gi3_28160214_x2.....aucggGgacgucgugggaaacacggggugccgaac.....	1
Gi1_4090011_x2.....aGcggagacgucgugggaaac.....	1
Gi1_4118895_x2.....acgucgugggaaacacggg.....	0
Gi5_8788643_x2.....gaacacgggUugccgaacu.....	1
G1a_5878350_x2.....auUggagacgucgugggaaacacg.....	1
Gi1_4119585_x2.....cgAagacgucgugggaaacacggggugcc.....	1
Gi3_28141660_x2.....Agaucggagacgucgugggaaacacggg.....	1
Gi3_28114438_x2.....aucggagacgucCugggaacacgggg.....	1
G1a_5964494_x2.....Cacacggggugccgaacu.....	1
Gi2_10947627_x2.....gaucggagacgucAugggaacacgggg.....	1
Gi5_8736743_x2.....uGgugggaaacacggggugcc.....	1
Gi3_28131848_x2.....Caacacggggugccgaacuu.....	1
Gi5_8769845_x2.....cggagacgucgugggaaAacggg.....	1
Gi2_10871215_x2.....aucggagacgCcgugggaaacacgggg.....	1
Gi5_8774751_x2.....cgucUugggaacacggggugccgaac.....	1
Gi5_8736693_x2.....cgucgugggaaacacggggGgccgaacuu.....	1
Gi1_4146839_x2.....gaucggagacgucgugggaaacacggggugcc.....	0
Gi3_28160886_x2.....cggagacgucgugggGacacggggugcc.....	1
Gi1_4143291_x2.....aucAgagacgucgugggaaacacgggg.....	1
Gi5_8771611_x2.....ggagacgucgugggaaacacggggugccgaacA.....	1
Gi2_10855121_x2.....ggagacgucgugggaaUacggggugcc.....	1
Gi5_8728983_x2.....gUagacgucgugggaaacacggggugccgaacu.....	1

Gi3_27989112_x2.....gAcgugggaacacggggugccga..... 1
 Gi1_4150617_x2.....ucggCgacgucgugggaacacggggu..... 1
 Gi5_8770309_x2.....Gucggagacgucgugggaacac..... 1
 Gi3_28156956_x2.....cguggCaacacggggugcc..... 1
 Gi3_28186522_x2.....gggaacacggCgugccgaacu..... 1
 Gi3_28184774_x2.....aucggagacgucUagggaacacggggugcc..... 1
 Gi3_28077624_x2.....gugCgaacacggggugccga..... 1
 Gi1_4128303_x2.....gggaacacggUgugccgaacu..... 1
 Gi2_10894635_x2.....gaucggagaUgucgugggaacacggggu..... 1
 Gi5_8807159_x2.....gugggaaAacggggugccga..... 1
 Gi2_10867037_x2.....ucggagGcgucgugggaaca..... 1
 Gi2_10945165_x2.....cgucgugggaacacggggugccgaCc..... 1
 Gi3_28093608_x2.....agacgucgugggaacaUggggugccgaacu..... 1
 Gi1_4113867_x2.....ggagacgucguAggaacacggggugcc..... 1
 Gl1_5877556_x2.....gugggaacCcgggugccgaac..... 1
 Gi5_8754761_x2.....cgugUgaacacggggugccga..... 1
 Gi1_4134493_x2.....cggagacgNcgugggaacacggggu..... 1
 Gi2_10931577_x2.....cgugggaacacgggguAccga..... 1
 Gl1_5937132_x2.....aucggagacgucgugggaacacggggA..... 1
 Gi3_28192218_x2.....ucUgagacgucgugggaacacg..... 1
 Gi2_10885843_x2.....gCgacgucgugggaacacggggugc..... 1
 Gi5_8737313_x2.....cgGgggaacacggggugcc..... 1
 Gi2_10904979_x2.....cgucUugggaacacggggugccgaac..... 1
 Gi3_28145282_x2.....aucggagacgucguggAaacacggggugc..... 1
 Gi1_4143271_x2.....gaucggagacgucgugggaGcac..... 1
 Gi5_8774635_x2.....agacgucgugAgaacacggggugccgaacu..... 1
 Gi5_8785051_x2.....aucggagacgCcgugggaacac..... 1
 Gi2_10992275_x2.....aucggagacgucgugggCacacggggugcc..... 1
 Gi1_4131007_x2.....gugggaacacggggugcA..... 1
 Gl1_5954060_x2.....gucgugggNacacggggugccgaac..... 1
 Gi3_28018452_x2.....aacacgggNugccgaacuu..... 1
 Gi5_8816251_x2.....gacgucgugggaacacggggugccgaUcu..... 1
 Gl1_5940878_x2.....aucggagGcgucgugggaacacgggg..... 1
 Gi2_10854613_x2.....gugggaUcacggggugccgaa..... 1
 Gl1_5941972_x2.....aUacgucgugggaacacggggugccgaac..... 1
 Gi2_10847465_x2.....gacgucgugggaacacggggugccgaGc..... 1
 Gi2_10991787_x2.....ggagacgucgCgggaacacggggugc..... 1
 Gi3_28237846_x2.....acgucgugggaacacggggugccgaCc..... 1
 Gi3_28186506_x2.....Cagacgucgugggaacacggggu..... 1
 Gi1_4137301_x2.....cgucguAggaacacggggugcc..... 1
 Gl1_5951448_x2.....ugggaacacggggugccgaUcu..... 1
 Gi5_8776731_x2.....aGcggagacgucgugggaaca..... 1
 Gi2_10930565_x2.....gaUacgucgugggaacacggggugc..... 1
 Gi2_10835865_x2.....ggagacgucgugggaacCcgggugcc..... 1
 Gi3_28164150_x2.....cgucgugggaacaUggggugccga..... 1
 Gi2_10867793_x2.....gaucggagacAucgugggaacac..... 1
 Gi2_10868985_x2.....acgucgugggaGcacggggu..... 1

Gi5_8767315_x2.....cgugggaacacggggugcUgaacuu..... 1
 Gi5_8795707_x2....gaucggagacAucgugggaacacggg..... 1
 Gi1_4143281_x2.....gCgaacacggggugccgaacuu..... 1
 Gi3_28135256_x2.....cggCgacgucgugggaacacgggg..... 1
 Gi3_28250844_x2....aucggagacgucgugUgaacacgggg..... 1
 Gi3_28044982_x2.....gucgugggGacacgggg..... 1
 Gi5_8780513_x2.....cgugggaacacgAggugccgaacuu..... 1
 Gi5_8736009_x2.....ugNgaacacggggugccgaacu..... 1
 Gi1_4126433_x2....ucggGgacgucgugggaacacg..... 1
 Gi3_28030300_x2....gaucggagacgucgugAgaacacgggg..... 1
 Gi2_10864805_x2.....gucgugggaacacggggugUc..... 1
 Gi2_10847181_x2.....ggagacguNgugggaacacggggugccg..... 1
 Gi1_4093765_x2....aucgUagacgucgugggaacacgg..... 1
 Gi2_10944499_x2.....acgAcgugggaacacggggugccgaacu..... 1
 Gi2_10833489_x2....cgUucggagacgucgugggaacacggggugc..... 1
 Gl1a_5975640_x2.....Agaacacggggugccgaac..... 1
 Gi2_10863467_x2....aucgAagacgucgugggaacacggggugc..... 1
 Gi3_28054952_x2.....agacgucgugggaacacggggugAcgaacu..... 1
 Gi2_10838643_x2.....ggagacgucgugggaaUacggggugc..... 1
 Gi1_4092969_x2.....acgucgugggaacacggggCgcc..... 1
 Gi5_8821983_x2.....ucgugggaacacAgggugccgaac..... 1
 Gi5_8731341_x2....gaucggagacgucgugggCacacggg..... 1
 Gi3_28225864_x2.....ggagacgucgugggaacacggggugcA..... 1
 Gl1a_5903494_x2.....gCagacgucgugggaacacg..... 1
 Gi2_10991643_x2.....Cacgucgugggaacacggggugcc..... 1
 Gl1a_5951326_x2.....gacgucAugggaacacgggg..... 1
 Gi3_28019874_x2....Gcggagacgucgugggaacacggggugccg..... 1
 Gi3_28196352_x2.....Nugggaacacggggugccga..... 1
 Gi3_28045062_x2....ucAgagacgucgugggaacacggg..... 1
 Gi5_8733875_x2.....gugggaaUacggggugcc..... 1
 Gi2_10886115_x2....gaucggagacgucguAggaacacgggg..... 1
 Gi1_4089383_x2.....gacgucgugggaacacggggugccgGac..... 1
 Gi2_10986465_x2.....gucgugggaacacggggugccgUac..... 1
 Gi2_10951341_x2....Uucggagacgucgugggaacacg..... 1
 Gi3_28113002_x2....cgaucggagacgucgugggaacacggggC..... 1
 Gi3_27984638_x2.....gucgugggUacacggggugccgaac..... 1
 Gi3_28189526_x2.....aUgucgugggaacacggggugccg..... 1
 Gi3_28049906_x2.....ggagacgucgugggaacacggAgu..... 1
 Gi5_8815343_x2.....Gacggggugccgaacuu..... 1
 Gi2_10913273_x2....Ccgagacgucgugggaacacg..... 1
 Gi4_555468_x2.....Cggaacacggggugccgaacu..... 1
 Gi2_10953277_x2....aucggagacgucgugggG..... 1
 Gi2_10983489_x2.....ggCaacacggggugccgaacu..... 1
 Gi1_4139185_x2.....gugggaaGacggggugccgaacu..... 1
 Gi2_10870367_x2....ucgugggaacCcggggugccgaa..... 1
 Gi5_8754979_x2.....cacgggguNccgaacuu..... 1
 Gi3_28100298_x2.....acGcggggugccgaacu..... 1

Gi2_10877525_x2.....gggaacacggggGgccgaa..... 1
Gi3_28001086_x2.....acgucgugggaacacggggCgccg..... 1
Gi3_28220794_x2.....agacgucgugggaacacgAgggugcc..... 1
Gi3_28211584_x2.....gucAugggaacacggggug..... 1
Gi2_10958501_x2.....cgugggaacaUggggugccgaa..... 1
Gi1_4129545_x2.....gCacacggggugccgaaacu..... 1
Gi2_10843835_x2.....gaCcgagacgucgugggaacacggggugcc..... 1
Gi5_8734691_x2.....cgugggaGcacggggugcc..... 1
Gi2_10934913_x2.....cgugggaacacggggAgccgaa..... 1
Gi2_10929449_x2.....cggagaGgucgugggaacacggggugcc..... 1
Gi3_28159372_x2.....gGucggagacgucgugggaacacggggug..... 1
G1a_5962704_x2.....Uaucggagacgucgugggaacacg..... 1
Gi5_8774041_x2.....gucguggCaacacggggugccgaaacu..... 1
Gi2_10848887_x2.....aucggagacgucgugAgaacacg..... 1
G1a_5953002_x2.....ggNaacacggggugccgaaacu..... 1
Gi2_10964205_x2.....ucggagacgucgugggaGcacggggg..... 1
Gi3_28086502_x2.....cgaucggagacgucgugggaGcacggggug..... 1
Gi1_4125693_x2.....gggaacacNgggugccgaaacu..... 1
Gi2_10842157_x2.....aucggagacgucgugggaacacCgggugc..... 1
Gi3_28213796_x2.....Ccgugggaacacggggugc..... 1
Gi3_28093610_x2.....gacgucgGgggaacacggg..... 1
Gi2_10857267_x2.....ugggCacacggggugccgaaac..... 1
Gi1_4101551_x2.....cggagacgNcgugggaacacggggugcc..... 1
Gi5_8817253_x2.....cAugggaacacggggugc..... 1
Gi2_10887611_x2.....aucggagacgucgugggaaUacg..... 1
Gi3_28258698_x2.....gucgugggaacacggggAgcc..... 1
Gi3_28214636_x2.....cgucgugggaGcacggggugccgaa..... 1
Gi1_4110939_x2.....gugggaacacggggugccgaGcuu..... 1
Gi3_28025478_x2.....ucNugggaacacggggugccgaaacu..... 1
G1a_5910074_x2.....guAggaacacggggugccgaa..... 1
G1a_5902188_x2.....gaucggagacgucguAggaacacggggg..... 1
Gi3_28022252_x2.....aucggagacgucgAgggaacacgggg..... 1
Gi2_10860263_x2.....gaUgucgugggaacacggggugccgaaac..... 1
G1a_5916242_x2.....cgugggaacacggAgugccgaaacu..... 1
Gi2_10887663_x2.....cguggCaacacggggugcc..... 1
Gi1_4098975_x2.....ggaacacgggAugccgaaacu..... 1
Gi2_10863101_x2.....ucgugggaGcacggggugcc..... 1
Gi3_28260520_x2.....cgaucggGgacgucguggg..... 1
Gi1_4115209_x2.....ugggaacacggggCgccgaaac..... 1
Gi1_4130411_x2.....gucgugggaacacggggugcAgaacu..... 1
Gi4_561576_x2.....gugggGacacggggugccgaaacu..... 1
Gi3_28013396_x2.....cggagacgucgugggGacacggggugccga..... 1
G1a_5907902_x2.....gucgugggaacacggggugccgGacu..... 1
Gi5_8778217_x2.....ugggaacaNggggugccgaaacu..... 1
Gi1_4119935_x2.....Naacacggggugccgaaacu..... 1
Gi3_28200094_x2.....aucggagacgucgugggaacacUgg..... 1
Gi5_8760087_x2.....aucggagacgucgCgggaacacggggg..... 1

Gi2_10853633_x2.....Uucggagacgucgugggaaca..... 1
Gi3_28117880_x2.....cggagacgucgugggaacacgggA..... 1
Gi2_10842069_x2.....ugggaacacggggugccgaacuC..... 1
Gi2_10920459_x2.....ucgugggaacacggCgugccgaacu..... 1
Gi5_8769759_x2.....cguAgugggaacacggggugccgaacu..... 1
Gi5_8828425_x2.....Uucggagacgucgugggaacacggggg..... 1
Gi2_10931937_x2.....cgGcuggggaacacggggugc..... 1
Gi2_10944369_x2.....auAggagacgucgugggaacacggggug..... 1
Gi5_8724157_x2.....cgucgugggaacacggggugccgaaUu..... 1
Gi3_28130332_x2.....agacgucgNgggaacacgggg..... 1
Gi2_10982777_x2.....ugggaacacgggUugccg..... 1
Gi3_28035482_x2.....acgucgugggaacacggggGgccga..... 1
Gi1_4106421_x2.....ucgugggCacacggggugccgaac..... 1
Gi3_28209830_x2.....auGggagacgucgugggaacacggggg..... 1
Gi3_28075406_x2.....ggagGcugcuggggaaca..... 1
G1a_5928576_x2.....guggUaacacggggugcc..... 1
Gi3_28147186_x2.....ucUugggaacacggggugc..... 1
Gi1_4132445_x2.....acgucgugggaacacggAgugccgaacu..... 1
Gi3_28108522_x2...cCaucggagacgucguggg..... 1
Gi4_562384_x2.....ggaacacgNggugccgaac..... 1
Gi1_4123689_x2.....Ucugcuggggaacacggggugcc..... 1
Gi3_28178882_x2.....cggagacgucgCgggaacacggggugccgaacu..... 1
Gi2_10899543_x2.....gucgugggaGcacggggugccga..... 1
Gi3_28067682_x2.....cggagacgCcgugggaacacggggugc..... 1
Gi3_27992782_x2.....ggGgacgucgugggaacacggggugcc..... 1
Gi2_10942205_x2.....aucggagacgucguAggaacacg..... 1
Gi3_28070100_x2.....ugggaacacUgggugccga..... 1
Gi3_28086824_x2...cgGucggagacgucgugggaacacg..... 1
Gi2_10908651_x2...gaucggagNcgucgugggaacacggggug..... 1
Gi2_10864319_x2.....gacgucgugggGacacggggugccgaacu..... 1
G1a_5905498_x2.....gggaacacggggugccgaC..... 1
Gi1_4103325_x2.....guggAaacacggggugccgaac..... 1
Gi3_28024400_x2.....Uagacgucgugggaacacggggugccga..... 1
Gi3_27993594_x2.....ugggaacacggCgugccgaa..... 1
G1a_5955720_x2.....Uacgucgugggaacacggggugccgaac..... 1
Gi1_4136963_x2.....agacgucgugggaacacggggugccgaCcu..... 1
Gi3_28198812_x2.....ggaacacggAgugccgaa..... 1
Gi1_4118465_x2.....agUcugcuggggaacacacggggugccgaacu..... 1
Gi2_10911625_x2...gaucggUgacgucgugggaacacggggg..... 1
Gi3_28069644_x2.....ucgugggaacacggggUac..... 1
Gi3_28121946_x2.....cgugggaacacggCgugccgaac..... 1
Gi2_10930725_x2...auAggagacgucgugggaaca..... 1
Gi3_28068090_x2.....acAucgugggaacacacggggugcc..... 1
Gi3_28208734_x2.....ucUugggaacacggggugccga..... 1
Gi3_28173088_x2.....ugggaCcacggggugccg..... 1
Gi5_8771285_x2.....agaUgucgugggaacacggggugccgaacu..... 1
Gi3_28152214_x2.....aucggagacgucguCggaacacggggg..... 1

Gi1_4140677_x2.....cgucgugggCacacggggugccgaacu..... 1
 Gi2_10935903_x2.....aucggagacgucgugggaacacgCggugc..... 1
 Gi3_28083038_x2.....uggaacacggggugcAg..... 1
 Gi4_559150_x2.....cgugggaacaUggggugccgaacu..... 1
 Gi1_4120675_x2.....aucggagacgucgugggaGcacggggugcc..... 1
 Gi3_28212462_x2.....gacAucgugggaacacgggggu..... 1
 Gi2_10944383_x2.....cgucguAggaacacggggugccga..... 1
 Gi2_10943467_x2.....gaucggagacgucguAggaaca..... 1
 Gi3_28108864_x2.....cgGucggagacgucgugggaacacgggggu..... 1
 Gi3_28182042_x2.....cgucgugggaacacggggugcGgaacu..... 1
 Gi2_10977281_x2.....gacgucgugggaacacAgggugccgaac..... 1
 Gi1_4117099_x2.....acgucgugggaacacAgggugccg..... 1
 Gi3_28200704_x2.....gaucggagacgucgugggaacGcggggugcc..... 1
 Gi4_558578_x2.....uggaacacggggugccgGacu..... 1
 Gi2_10875041_x2.....ugUgaacacggggugccgaa..... 1
 Gi5_8825617_x2.....gacgucgCgggaacacggggugccg..... 1
 Gi2_10955383_x2.....ggaacaGggggugccgaacu..... 1
 Gi2_10953771_x2.....aucggagacgucgugggaUacggg..... 1
 Gi2_10990945_x2.....acgucgCgggaacacggggugc..... 1
 Gi3_28012794_x2.....gGucggagacgucgugggaaca..... 1
 Gi2_10877343_x2.....cguUgugggaacacggggugcc..... 1
 Gi3_28122468_x2.....gagacgucgCgggaacacggggugccgaacu..... 1
 Gi2_10976997_x2.....uggaacacggggguCccgaacu..... 1
 Gi2_10853711_x2.....aucAgagacgucguggga..... 1
 Gi2_10923721_x2.....acgucgugggaacaUggggugc..... 1
 Gi5_8786291_x2.....gugggaacacggggugccgG..... 1
 Gi1_4097963_x2.....ucgugggaacacggUgugcc..... 1
 Gi2_10903109_x2.....ggagacgucgugggaacaUggggugccgaacu..... 1
 Gi1_4150127_x2.....uggaacacggggugcUgaacuu..... 1
 Gi1_4135015_x2.....guAggaacacggggugcc..... 1
 Gi3_28049840_x2.....cgucgugggaacacggggugccUaacu..... 1
 Gi3_28039276_x2.....gucgugggaacacggggugccgaC..... 1
 Gi3_28206544_x2.....aGcggagacgucgugggaac..... 1
 Gi2_10867485_x2.....aucggagacgucgugggaUca..... 1
 Gi3_28165790_x2.....gacgAcgugggaacacggggugccgaacu..... 1
 Gi1_4098391_x2.....gugggaacacgggguAccgaac..... 1
 Gi3_28092844_x2.....aucggagacgucgugggaaAacggggugcc..... 1
 Gi4_563258_x2.....uggaacCcgggugccgaacu..... 1
 Gi3_28222614_x2.....gUucggagacgucgugggaacacggggugccg..... 1
 Gi2_10986835_x2.....uggaacacggCgugccgaacu..... 1
 Gl1a_5904904_x2.....cgugggaacacggggugU..... 1
 Gi2_10952529_x2.....cguCggaacacggggugccgaac..... 1
 Gi3_28216682_x2.....Ccgugggaacacggggugccg..... 1
 Gi4_562610_x2.....gugggaacacggggugccCaacu..... 1
 Gi3_28149706_x2.....agacgucgUgAaacacggggugccgaac..... 1
 Gl1a_5931836_x2.....ggaGacggggugccgaacu..... 1
 Gi2_10983475_x2.....cgaucggagacgucguAggaacacggg..... 1

Gi1_4133739_x2.....uggaacaGggggugccgaacu..... 1
 Gi1_4153781_x2.....gucguggaacaacggggCgccgaac..... 1
 Gi3_28001934_x2....gaucAgagacgucguggaacaacacgg..... 1
 Gi3_28075318_x2.....gucguggaacaacacggggugccga..... 1
 Gi1_4137903_x2.....cgGcguggaacaacggggugcc..... 1
 Gi1_4107537_x2.....cguggaacaacggggugccgaacuC..... 1
 Gi3_28098258_x2.....ggUaacacggggugccga..... 1
 Gi3_28039218_x2.....agacgucguggaGcacggggugccgaacu..... 1
 Gi2_10899575_x2....gaucggagacgucguggaacaacggggGg..... 1
 Gi2_10835505_x2.....ggagacgucgugggGacacg..... 1
 G1a_5954878_x2.....guUggaacaacggggugccg..... 1
 Gi3_28163782_x2.....cgucguCggaacaacggggugccg..... 1
 Gi2_10901013_x2....gAagacgucguggaacaacggggugc..... 1
 Gi3_28215310_x2.....gacgucguggaacaacggggC..... 1
 Gi1_4097495_x2.....uggaacUcggggugccgaacu..... 1
 Gi2_10893231_x2....aucggagacgCcguggga..... 1
 Gi2_10840785_x2....aucgCagacgucguggaaca..... 1
 Gi3_27997404_x2.....Aacgucguggaacaacggggg..... 1
 G1a_5977458_x2.....gaacaacggggugccAaac..... 1
 Gi2_10927245_x2.....cgCcguggaacaacggggugccgaa..... 1
 G1a_5941316_x2.....guggaacaacggggugUcg..... 1
 G1a_5970886_x2.....cguggaacaacggggugccgCac..... 1
 Gi2_10972641_x2....gaucggagGcgucguggaacaacggggug..... 1
 Gi3_27990376_x2.....acgucguggaacaacgUggugccgaacu..... 1
 Gi5_8780763_x2.....cgugggaGcacggggugccga..... 1
 Gi3_28187048_x2....gUucggagacgucguggaacaac..... 1
 Gi3_27991622_x2.....ggagGcgucguggaacaacggggugcc..... 1
 Gi2_10945277_x2.....acgucguggaacaacggggUacc..... 1
 Gi1_4113073_x2.....cgugAgaacaacggggugccga..... 1
 Gi1_4133549_x2.....ucguggaacaacggggugccgaacu..... 1
 Gi2_10849345_x2.....cguAguggaacaacggggugccgaacu..... 1
 Gi2_10870841_x2.....ggagacgucguggaacaacggggCg..... 1
 Gi2_10908427_x2....aucggagUcgucguggaacaacgggg..... 1
 Gi2_10963435_x2.....ucggagacgucguggaaUa..... 1
 G1a_5880852_x2.....ggagacgucgugggGacacggggugcc..... 1
 Gi5_8754799_x2.....aUacgucguggaacaacggggugccga..... 1
 Gi3_28136026_x2.....agacgucguggaacaacggggCgcc..... 1
 Gi2_10885487_x2.....ucguggaacaacCgggugccgaacu..... 1
 G1a_5957666_x2.....gUagacgucguggaacaacggggugc..... 1
 Gi2_10879465_x2....gaucggagacgucguggaGcacgg..... 1
 G1a_5913130_x2.....gacgucgCgggaacaacggggugccgaacu..... 1
 Gi2_10880397_x2....cgaucggagacgucgugggGacacg..... 1
 Gi1_4133395_x2....aucggagacgucgugggGacacgggg..... 1
 Gi2_10861587_x2.....guggaacaGggggugccgaac..... 1
 Gi2_10928277_x2....aucggGgacgucguggaacaac..... 1
 Gi5_8754949_x2.....gGgacgucguggaacaacggggugcc..... 1
 Gi3_28006104_x2.....agacgucguggaGcacggggugcc..... 1

Gi1_4147951_x2.....gugggaacacggggCgccgaacuu.....	1
Gi5_8776153_x2.ugcgaucggagacgucgugggC.....	1
Gi3_28058118_x2....aucCgagacgucgugggaacacggg.....	1
Gi5_8812551_x2.....gugggaacGcggggugcc.....	1
Gi2_10967511_x2.....cgucgugggaaAacggggugcc.....	1
Gi5_8806797_x2....gaucggagacgucgugggaacacggggugccgaac.....	0
Gi5_8821035_x2.....cgucgugggaacacggggugccgCac.....	1
Gi1_4140723_x2....aucAgagacgucgugggaacacg.....	1
Gi3_28164240_x2.....ggaacacggggugccgaC.....	1
Gi2_10872199_x2.....cgugggaacacggggugcUg.....	1
Gi3_28098158_x2.....cgagacgucguUggaacacggggug.....	1
Gi2_10938677_x2....gaucggagUcgucgugggaacacgggg.....	1
Gi3_28190016_x2....aucggagacgucgugggaacUcgggg.....	1
Gi5_8798575_x2....gaucggagacgucgugggaacGc.....	1
Gi5_8783675_x2....aucggagacAucgugggaacacggggugc.....	1
Gi3_28257918_x2.....Ccgucgugggaacacggggugcc.....	1
Gi2_10936193_x2.....agacgucgugAgaacacggggugccgaacu.....	1
G1a_5972376_x2....aucAgagacgucgugggaacacggg.....	1
G1a_5887052_x2.....cggagacgNcgugggaacacg.....	1
Gi1_4096163_x2.....gacgucgugggaacacggggugccgaacuu.....	0
Gi3_28158326_x2.....gggaacacggggGgccgaacuu.....	1
G1a_5878222_x2.....Cgagacgucgugggaaca.....	1
Gi2_10937979_x2....aucggagacgucAugggaacacggg.....	1
Gi3_28135996_x2....cgaucggCgacgucgugggaacacg.....	1
Gi2_10976441_x2.....gagacgucgugggaacacgggAugcc.....	1
Gi5_8785417_x2....cgaucggagacgucgugggaacacAgg.....	1
Gi2_10893201_x2.....ugggaacacggggugcUg.....	1
Gi2_10953463_x2....aucggagaAgucgugggaacacgggg.....	1
Gi5_8736497_x2.....acgucgugggaacacggggugccgUacu.....	1
Gi3_28231686_x2....gaucggagUcgucgugggaacacggg.....	1
Gi5_8801603_x2....aucggagacgucgugggaacCcg.....	1
Gi2_10958021_x2.....gggNacacggggugccgaac.....	1
Gi3_28002998_x2.....agacgucgugggaacaUggggugccgaa.....	1
Gi1_4107867_x2.....ucUugggaacacggggugcc.....	1
Gi3_28199844_x2.....agacgucgAgggaacacggggugccgaac.....	1
Gi3_28180210_x2.....cgugggaacacgCggugccg.....	1
Gi1_4100937_x2.....ucgCgggaacacggggugccga.....	1
Gi3_28109778_x2.....ggagacgucgugggaacacggggugAc.....	1
Gi5_8823805_x2.....gggaacacggggAgccgaac.....	1
Gi2_10972775_x2.....ucgugggaaUacggggugccgaac.....	1
Gi2_10925559_x2.....cgucgugggaacacggggUac.....	1
Gi5_8827441_x2.....gggaacacggggugccUaac.....	1
Gi5_8734129_x2....aucggCgacgucgugggaacacggg.....	1
Gi3_28027242_x2.....cggagacgucgugggaacacAggg.....	1
Gi3_28180040_x2....aucCgagacgucgugggaacacg.....	1
Gi1_4143619_x2.....gagacgucgugggaacacg.....	0
Gi3_28009436_x2....auAggagacgucgugggaacacgggg.....	1

Gi5_8766015_x2.....aucggagacgucgugggUacacg.....	1
Gi2_10938781_x2....gaAcggagacgucgugggaacacggg.....	1
Gi2_10959753_x2.....gucgugggaacaUggggugc.....	1
Gi3_28077452_x2.....gggaacacggggUcCcgaaac.....	1
Gi5_8817775_x2.....cgugggaaUacggggugcc.....	1
Gi3_28042864_x2.....cgucgugUgaacacggggugccgaacu.....	1
Gi3_28010524_x2....gaucUgagacgucgugggaacacggggg.....	1
Gi2_10874309_x2.....ugggaacacggggugccUac.....	1
Gi2_10960373_x2.....aucggagacgucguggAaacac.....	1
Gi2_10862497_x2.....agacgucgugggaacGcggggugc.....	1
Gi5_8821309_x2....gaucggagacgucgugggaacCc.....	1
Gi5_8819689_x2.....ucggagacgucgugUgaacacg.....	1
Gi3_28022108_x2.....cgugggaacacggggugccU.....	1
Gi1_4097115_x2.....uUgugggaacacggggugccgaac.....	1
Gi3_28201312_x2....aucggagacgucguggUaacac.....	1
Gi2_10871509_x2.....cggagacgucgugggaacC.....	1
Gi5_8745471_x2.....gugggaacacggggugcUg.....	1
Gi5_8745563_x2.ugcgauccgagacgucgugggG.....	1
Gi1_4138555_x2.....gugggaacacggggCgccc.....	1
Gi2_10832467_x2....gaucggagacgucgugAgaacacggggugc.....	1
Gi5_8819765_x2.....gucgugggCacacggggugccgaac.....	1
Gi2_10908667_x2.....Cggaacacggggugccgaa.....	1
Gi5_8736069_x2.....gugggaacacgAggugccga.....	1
Gi5_8779469_x2.....cgucgugggaacacggggugccUaacu.....	1
Gi2_10953959_x2.....gacgucgugggaacacgAggugccgaacu.....	1
Gi3_28256596_x2.....cggagacgucgugggaCcacggg.....	1
Gi1_4111947_x2....aucggagacgucgugggGacacggggugcc.....	1
Gi3_28096382_x2.....gCagacgucgugggaacacggggugcc.....	1
Gi2_10948013_x2.....Ggacgucgugggaacacggggugccgaa.....	1
Gi2_10898025_x2.....ggaacacggggugccUaac.....	1
Gi3_28215880_x2.....cggGgacgucgugggaacacggggg.....	1
Gi3_28192372_x2....gaucggagCcgucgugggaacacg.....	1
Gi5_8744789_x2.....gugggaacacAgggugccgaacu.....	1
Gi2_10962123_x2.....gaCcacggggugccgaacu.....	1
G1a_5944926_x2..gcgauccggGgacgucgug.....	1
Gi5_8787895_x2.....cggagacgucgugggaacacggggugc.....	0
Gi5_8758991_x2.....gucgugggaacacggggAgccgaacu.....	1
Gi3_27984736_x2.....gacgucguggAaacacggggg.....	1
G1a_5931578_x2.....gugggaacacggggugAc.....	1
Gi1_4143591_x2.....ucgugggaaUacggggugccga.....	1
Gi1_4097523_x2....ucggGgacgucgugggaacacggg.....	1
Gi2_10957469_x2....gaGcggagacgucgugggaacacggggugc.....	1
Gi3_28039642_x2.....cggagacgucgugggaUacggggg.....	1
G1a_5905042_x2....aucggagacgucgugggGacacggggugc.....	1
Gi2_10838167_x2....Gucggagacgucgugggaacacggggugccg.....	1
Gi5_8737153_x2.....ggaacacggggugcAgaacu.....	1
Gi3_28168786_x2.....agacgucgugggaCcacggggugc.....	1

Gi3_27998142_x2	gaucggUgacgucgugggaacacggg	1
Gi5_8736171_x2	cguggaacaacggggGgccgaac	1
Gi5_8821747_x2	aucggCgacgucgugggaacacgggg	1
Gi3_28109482_x2	gucguUggaacacggggugccgaac	1
Gi3_28255052_x2	agacgucAugggaacacggggugcc	1
Gi4_557008_x2	cggagacgucgugggaacacggggugccgaacu	0
Gi3_28126062_x2	cgucgugggaacacggUgugccgaac	1
Gi2_10835485_x2	aucggagacgucgCgggaaca	1
Gi1a_5925530_x2	gggaacacggggugUcgaacu	1
Gi2_10992219_x2	gaucggagacguAgugggaacac	1
Gi1a_5942076_x2	aucggagacgucgugggaacacggggCgcc	1
Gi3_28082998_x2	gucgugggaacGcggggugcc	1
Gi3_28138542_x2	aacNcggggugccgaacuu	1
Gi2_10977551_x2	agacgucgugggaacacggggugcA	1
Gi1_4116707_x2	guUggaacacggggugccgaacuu	1
Gi2_10876349_x2	cguggaacaacggggugcGgaac	1
Gi3_28110256_x2	ggagacgCcgugggaacacg	1
Gi1_4152381_x2	cgGgggaacacggggugccg	1
Gi1a_5964304_x2	gAgggaacacggggugccga	1
Gi2_10943517_x2	aucggagacgucgugggaacacAgggug	1
Gi3_28109550_x2	gaacaAgggggugccgaac	1
Gi2_10992205_x2	cgaucggGgacgucguggga	1
Gi5_8755265_x2	acgucgugggaacacggggugccgaCcu	1
Gi3_28157830_x2	gacgucgugggaGcacggggugccg	1
Gi2_10948839_x2	cggagacgNcgugggaacac	1
Gi1a_5922926_x2	gugggaacacggggugccAa	1
Gi3_28040158_x2	Cgagacgucgugggaacacggggg	1
Gi2_10888089_x2	aaNacggggugccgaacu	1
Gi3_28008748_x2	ucgugggaacacggggugccgaacuu	0
Gi5_8802797_x2	acgucgugggaacacggggugccgaacG	1
Gi1a_5877728_x2	gucgugggaacacggggGgccgaac	1
Gi5_8809417_x2	Gggagacgucgugggaacacggggugccga	1
Gi3_28221760_x2	aucggagacgucgugggaacacgAggguc	1
Gi3_28115514_x2	ucggagacgucgCgggaacacgggg	1
Gi4_554220_x2	gacgucgugggaacacggggugccgaacu	0
Gi2_10981261_x2	aucggagacgucgugggaacUcggggg	1
Gi2_10992093_x2	gacgucgugggaacacggggugAc	1
Gi2_10928321_x2	ugggaCcacggggugccgaa	1
Gi3_28047122_x2	gacgucgugggCcacacggggugccg	1
Gi3_28015224_x2	cguggaacaacggggugccgaacuu	0
Gi5_8782913_x2	aucggagacgucgugAaacacgg	1
Gi3_28192122_x2	acgucgugggCcacacggggugccga	1
Gi1a_5976004_x2	cguggaacaacggggugccgaaAu	1
Gi2_10932781_x2	ucgugggaacacggggugcAg	1
Gi3_28056580_x2	cgaucggGgacgucgugggaacacg	1
Gi2_10913127_x2	agacgucgugggaacacggggCgccga	1
Gi5_8783105_x2	acgucgugggaacacggggAgccgaacu	1

Gi3_28252774_x2.....acguUgugggaacacggggugcc..... 1
 Gi5_8793531_x2.....gugggCacacggggugccgaacuu..... 1
 Gi3_28166652_x2.....ggagacgucgugggGacacggggugccg..... 1
 Gi2_10944323_x2.....ugggaacacggggGgccg..... 1
 Gi2_10979939_x2.....ggagacgucgugggaacacggggC..... 1
 Gi1_4129401_x2.....uAggaacacggggugccg..... 1
 Gi2_10947955_x2.....aucggagUcgucgugggaacacggg..... 1
 Gi2_10894573_x2.....gUgacgucgugggaacacggggugccgaacu..... 1
 Gi1_4118011_x2.....agacgucgNgggaacacggg..... 1
 Gi2_10949825_x2.....gaucggagacgucguggAaacacggggugc..... 1
 Gi5_8756465_x2.....cgAgggaacacggggugcc..... 1
 Gi1_4089943_x2.....ugggaUcacggggugccgaacu..... 1
 Gi3_27983876_x2.....Caucggagacgucgugggaacacggggugc..... 1
 Gi2_10922361_x2.....gggaacacggggGgccga..... 1
 Gi3_28060006_x2.....gaucggagNcgucgugggaac..... 1
 Gl1_5896394_x2.....cgaucggGgacgucgugggaacacg..... 1
 Gi3_28204770_x2.....aAacgucgugggaacacggggugccgaac..... 1
 Gi4_563882_x2.....cgugggaacGcggggugccgaacu..... 1
 Gi3_28235222_x2.....ucgugggaacacggggGuccgaacu..... 1
 Gi2_10889085_x2.....gacgucgugggaacacggggugccgaCcu..... 1
 Gi2_10873873_x2.....cgaucggCgacgucgugggaacacggg..... 1
 Gi3_28031826_x2.....ggagacgucgugUgaacacggggugccg..... 1
 Gi3_28198862_x2.....gacgucgugggaacacggggGgc..... 1
 Gi2_10857187_x2.....acgucguAggaacacggggugcc..... 1
 Gi1_4112933_x2.....guggCaacacggggugccga..... 1
 Gi2_10990765_x2.....cgugggaacacAgggugccga..... 1
 Gi2_10871667_x2.....cUgagacgucgugggaacacggggugccgaac..... 1
 Gi5_8773599_x2.....cgucgugggaacacggggGgccgaa..... 1
 Gi5_8808773_x2.....gucgugggGacacggggugccgaac..... 1
 Gi3_27996584_x2.....Acgugggaacacggggugc..... 1
 Gi2_10914495_x2.....cgugUgaacacggggugccg..... 1
 Gi5_8778727_x2.....gugggaacGcggggugccgaacuu..... 1
 Gi1_4156945_x2.....ucgugggaacacggggGgcc..... 1
 Gi3_28165908_x2.....aaNacggggugccgaacuu..... 1
 Gi3_28122416_x2.....acgucguggCaacacggggugccgaac..... 1
 Gi2_10862627_x2.....gacgucguggAaacacggggugccgaac..... 1
 Gl1_5897378_x2.....gggaacacggUgugccgaacu..... 1
 Gi1_4135163_x2.....ugUgaacacggggugccg..... 1
 Gi1_4158485_x2.....gucgugggaacacggggugc..... 0
 Gi3_28128300_x2.....cgucgugggaUcacggggugccg..... 1
 Gi5_8774193_x2.....aucggagacgucAugggaacacg..... 1
 Gi2_10833283_x2.....cgucgugggaacacggggugUcgaac..... 1
 Gi2_10981571_x2.....cgucgugggaacacggggugcUgaac..... 1
 Gi1_4122201_x2.....ugggaacaAggggugccgaacu..... 1
 Gi3_28145966_x2.....aacacggggugccAaacuu..... 1
 Gi2_10863149_x2.....cUaucggagacgucgugggaacac..... 1
 Gi3_28147556_x2.....acgucgCgggaacacggggugcc..... 1

Gi2_10842719_x2.....gacgucAugggaacacggggugccga.....	1
Gi5_8764985_x2.....aUacgucgugggaacacggggu.....	1
G1a_5920836_x2.....ugggaacacggggugccgUacu.....	1
Gi4_565132_x2.....gugggaacacgggUgugccgaacu.....	1
Gi1_4108217_x2.....gugggaacacggggCgccgaac.....	1
Gi3_28044390_x2.....gucgugggaacacggggugccgG.....	1
Gi3_28154800_x2.....gaucggagacgucgGgggaacacggggu.....	1
Gi2_10900717_x2.....gagacgucguggGacacggggug.....	1
Gi2_10976107_x2.....aucggagacgucguggAaacacggggu.....	1
Gi3_28128170_x2.....gaucggagGcgcgucgugggaacacggggugc.....	1
Gi3_28213426_x2.....ucgCgggaacacggggugccg.....	1
Gi2_10968809_x2.....gugggaUcacggggugccg.....	1
Gi2_10963773_x2.....gaucAgagacgucgugggaacac.....	1
Gi5_8722989_x2.....ugggGacacggggugccgaacuu.....	1
Gi2_10886093_x2.....ggagacgucgugggaacacggggAgc.....	1
Gi1_4122181_x2.....gcgaucggagacgucgug.....	0
Gi1_4147283_x2.....Agucgugggaacacggggugccgaacu.....	1
Gi2_10882243_x2.....ggagacgucgugggaacacggggugc.....	1
Gi5_8777473_x2.....gggaacacggggugccgGa.....	1
Gi5_8810231_x2.....gugggGacacggggugccgaacuu.....	1
Gi3_28042172_x2.....gggaacGcggggugccga.....	1
Gi5_8755197_x2.....gaucggagacgucgugggaGcacg.....	1
Gi3_28023966_x2.....cggagacgucgugggaacacggc.....	1
Gi3_28098124_x2.....ggaacacCgggugccgaac.....	1
G1a_5973040_x2.....ggagacgucguAggaacacggggugcc.....	1
Gi2_10834151_x2.....ggagacgucgugggaacacgggg.....	0
G1a_5957082_x2.....gaucggagGcgcgucgugggaa.....	1
Gi5_8776649_x2.....gggaacacggggugccCaacu.....	1
Gi2_10897277_x2.....Ugacgucgugggaacacggggug.....	1
Gi5_8793059_x2.....ugggaacacggAgugccgaac.....	1
G1a_5948222_x2.....gugggGacacggggugccgaac.....	1
Gi3_28161866_x2.....gucgugggaacacggggugGcgaac.....	1
Gi2_10842217_x2.....agacgucgugggaGcacggggugccgaacu.....	1
Gi2_10987301_x2.....cggagacgucguAggaacac.....	1
Gi3_28067948_x2.....aucCgagacgucgugggaacacggggu.....	1
Gi3_28027914_x2.....ucggagacgucgugggaGcacggggugcc.....	1
Gi2_10854579_x2.....cguNggaacacggggugccg.....	1
Gi3_28226406_x2.....cgucgugggaaAacggggugccgaac.....	1
Gi3_28024446_x2.....auUggagacgucgugggaacacggggug.....	1
Gi2_10864739_x2.....Gggagacgucgugggaacacggggug.....	1
Gi3_28001992_x2.....gacgucgugAgaacacggggugccgaacu.....	1
Gi1_4157797_x2.....gugCgaacacggggugccgaacu.....	1
Gi1_4157775_x2.....ucggagacgucgugggaGcacg.....	1
Gi1_4094605_x2.....gucgugggGacacggggug.....	1
Gi5_8800503_x2.....agacgucgugggaacacAgggugc.....	1
Gi3_28155664_x2.....acgucgugggaacacggggGgccg.....	1
Gi1_4113937_x2.....gucgugggaaUacggggugccgaacu.....	1

Gi3_28203016_x2.....gacguUgugggaacacggggugccgaac..... 1
Gi5_8798069_x2.....acacggggugccgaacuC..... 1
Gi2_10915455_x2.....gaacacggNgugccgaac..... 1
Gi3_28256614_x2.....cggagacgCcgugggaacacggggugccga..... 1
Gi1_4100793_x2.....uUggagacgucgugggaacacggggugccgaacu..... 1
Gi2_10895655_x2.....gaucggagacgucgugggaacacggAgugc..... 1
Gi2_10914777_x2.....aucggagacgucgugggaAacggg..... 1
Gi5_8781643_x2.....acgucgugggaacacggggGgccgaac..... 1
Gi2_10960419_x2.....gucCugggaacacggggugccgaacu..... 1
Gi5_8806367_x2.....gugggaacacggggCgccgaacu..... 1
Gi5_8820403_x2.....agacgucgugggaacaUggggugccgaacu..... 1
Gi2_10937039_x2.....Uagacgucgugggaacacggggugccgaa..... 1
Gi3_28151324_x2.....gaacacggggCgccgaacu..... 1
Gi1_4137241_x2.....cgugUgaacacggggugccga..... 1
Gi2_10935153_x2.....aucggagacgucguggAaacacggggugcc..... 1
Gi1_4117687_x2.....ugggaacCcggggugccgaac..... 1
Gi3_28114162_x2.....acgucgugggCacacggggugccgaac..... 1
Gi3_28036890_x2.....ggagacgucgCgggaacacg..... 1
Gi2_10898621_x2.....gugggaacacgggUugccgaac..... 1
Gi3_27992106_x2.....agacgucgugggaacCcggg..... 1
Gi5_8753689_x2.....cgucgugggaacacggggugccgaaA..... 1
Gi5_8822455_x2.....ggaacacggggugccgaacu..... 0
Gi4_560196_x2.....gugggaacacggAgugccgaa..... 1
Gi3_28166032_x2.....gacgucgugggaacacggggugcGgaacu..... 1
Gi2_10947027_x2.....cgugggaacacggggugcAg..... 1
Gi1_4126445_x2.....gucgugggCacacggggugcc..... 1
Gi2_10967435_x2.....aucggaUacgucgugggaacacggggugc..... 1
Gi2_10956327_x2.....cgucgugggaacaUggggugccgaac..... 1
G1a_5888630_x2.....Caucggagacgucgugggaacacggggg..... 1
Gi2_10960639_x2.....gggaacacgggCugccgaac..... 1
Gi3_28183690_x2.....gucAugggaacacggggugc..... 1
Gi3_27997400_x2.....cgucgugggaacacggggugcAgaac..... 1
Gi2_10913015_x2.....cggagacgucgugggaacacggggC..... 1
Gi2_10860083_x2.....cggagacgucgugggaUacg..... 1
Gi1_4112751_x2.....Gcugcugggaacacggggugccg..... 1
Gi5_8772565_x2cugcgaucggagacgucC..... 1
Gi2_10920981_x2.....cgugggaacacggggugccCaac..... 1
Gi2_10901739_x2.....Aaucggagacgucgugggaac..... 1
G1a_5950514_x2.....aucggagaUgucgugggaacacggggg..... 1
G1a_5969678_x2.....Cgaacacggggugccgaac..... 1
Gi1_4134495_x2.....gaCcgagacgucgugg..... 1
Gi3_28068170_x2.....gacgucgugggaUacggggugccgaacu..... 1
Gi2_10990875_x2.....gucNugggaacacggggugccgaacu..... 1
Gi2_10882223_x2.....gaucggagacgucgugggaacacggU..... 1
Gi1_4102039_x2.....gugggaacacggggGgcc..... 1
Gi3_28247040_x2.....cAgagacgucgugggaacacggggugccga..... 1
G1a_5918378_x2.....cgugCgaacacggggugccgaacu..... 1

Gi3_28145340_x2.....uggaacacggggugccgaacuu.....	0
G1a_5877924_x2.....uggaacacggggGgccgaacu.....	1
Gi1_4156311_x2.....Agggaacacggggugccgaacuu.....	1
G1a_5914708_x2.....guggaacacggggugccAaac.....	1
Gi5_8749499_x2.....gggaacacggggugccUaacu.....	1
Gi1_4157585_x2.....gagacgucgCgggaacacggggugccgaacuu.....	1
G1a_5939628_x2.....gggaacCcggggugccgaacu.....	1
Gi5_8725591_x2.....cgucgugggUacacggggugccgaacu.....	1
Gi1_4128049_x2.....ggaacacggggugccGac.....	1
Gi2_10919175_x2.....gagacgucgUggaacacggggugc.....	1
Gi3_27980066_x2cugcgauccgCgacgucg.....	1
Gi1_4146693_x2.....Aucgugggaacacggggug.....	1
Gi2_10956831_x2.....cgucgugggaacacggggAgccga.....	1
Gi2_10963917_x2.....aucggagacgucgugggaUacggggugc.....	1
G1a_5883252_x2.....ucgugggaacCcggggugccgaacu.....	1
Gi2_10855313_x2.....gggaacacggggugccgaUcu.....	1
Gi2_10991605_x2.....aucggagacgucgugggGacacgggg.....	1
Gi2_10874129_x2.....acgucgugggaacacggggugc.....	1
Gi2_10863939_x2.....gaucggagacgucgUgga.....	1
Gi2_10984317_x2.....cgucguggCaacacggggugccgaacu.....	1
Gi2_10854459_x2.....gacgucguAggaacacggggugccg.....	1
Gi3_28135296_x2.....uggaacacggggugAcg.....	1
Gi2_10948559_x2.....gugNgaacacggggugccga.....	1
Gi2_10956509_x2.....gucgugAgaacacggggugc.....	1
Gi3_28251820_x2.....aGgucgugggaacacggggugc.....	1
Gi2_10832955_x2.....ggaaAacggggugccgaacu.....	1
Gi2_10911607_x2.....aucggagacgucgugggaUacggggugcc.....	1
Gi2_10859427_x2.....Uucggagacgucgugggaacacggggug.....	1
Gi3_27994554_x2.....Aggagacgucgugggaacacggggugcc.....	1
Gi5_8795007_x2.....guAggaacacggggugccgaacuuu.....	1
Gi3_28069964_x2.....gaucggagNcgucguggg.....	1
G1a_5932040_x2.....gucgugggaacacggggCgccgaacu.....	1
Gi5_8801329_x2.....cUgagacgucgugggaacacggggugccga.....	1
Gi1_4126403_x2.....acacggggugccgaacAu.....	1
Gi2_10896027_x2.....aucggagaUgucgugggaacacggggg.....	1
Gi3_28193986_x2.....auAggagacgucgugggaacac.....	1
Gi3_28202836_x2.....cggagacgucguUggaacacggggugcc.....	1
Gi3_27989034_x2.....gucgugggaaAacggggugc.....	1
Gi5_8787401_x2.....aucggagacgucgugggaacGcg.....	1
Gi2_10946765_x2.....aucggagacgucgugggaacaUggggugcc.....	1
Gi3_28258590_x2.....agacgucgNgggaacacggggugccga.....	1
Gi3_28014214_x2.....gggaacaAggggugccga.....	1
Gi2_10908181_x2.....cgucgCgggaacacggggugccgaa.....	1
Gi2_10837335_x2.....ggaacacggCgugccgaac.....	1
Gi2_10842695_x2.....uGggagacgucgugggaacacggggugc.....	1
Gi3_28222032_x2.....agacgucgugggaacacAgggugccgaac.....	1
Gi1_4103357_x2.....ggUgacgucgugggaacacggggg.....	1

Gi3_28222656_x2.....ucggagacNucgugggaacacggggugcc.....	1
Gi3_28128256_x2..gcgauUggagacgucgugggaacacggg.....	1
G1a_5937186_x2...gGucggagacgucgugggaacacg.....	1
Gi5_8737109_x2.....cgucgugggaacacggggGgcccgaac.....	1
Gi2_10900525_x2.....gugggaacacUgggugccgaa.....	1
Gi5_8755091_x2.....gacgucgugggaacacggggugccAaacu.....	1
Gi5_8770265_x2.....ugggaacacggggugGcgaacu.....	1
Gi2_10876763_x2.....acgucgugggaacUcggggugccgaacu.....	1
Gi5_8768759_x2.....ggaacacggggugccgaa.....	0
G1a_5978824_x2.....gaacacgAggugccgaacu.....	1
Gi1_4136947_x2.....gucgugggaGcacggggugccgaac.....	1
Gi3_28074076_x2.....ucgugggaacacggggAgc.....	1
Gi3_28199500_x2..cgauccggaNacgucgugg.....	1
Gi1_4097397_x2.....ugggaacacggggugccgC.....	1
G1a_5908106_x2.....Nugggaacacggggugccgaacu.....	1
Gi3_28186738_x2.....gucgugggaacacgCggugccgaac.....	1
Gi4_559694_x2.....cgugggaacacgAggugccgaacu.....	1
Gi1_4139205_x2...aucggagacgucgugggaacacggggCgc.....	1
Gi2_10885567_x2.....cggagacgucgugggaGcacggggg.....	1
Gi1_4090067_x2.....gacgucgugggaacacggggugUcgaacu.....	1
Gi5_8807673_x2.....cgugUgaacacggggugccgaacu.....	1
Gi1_4141075_x2...gaucggagacgucgugggaacacggggug.....	0
Gi1_4156279_x2.....Ccgugggaacacggggugccgaac.....	1
Gi3_28085854_x2.....cggagacgucgugAgaacacgggg.....	1
Gi2_10976531_x2.....cgugggaaGacggggugccgaac.....	1
Gi2_10959045_x2...cAucgugggaacacggggugccgaa.....	1
Gi5_8747075_x2...Aaucggagacgucgugggaacacgg.....	1
Gi3_28134156_x2.....gUagacgucgugggaacacggggug.....	1
Gi5_8812281_x2.....cgugUgaacacggggugcc.....	1
Gi5_8720715_x2...gaucggagacgucgugggaGcac.....	1
Gi5_8757061_x2.....cgucgugggaacacggggugccgCa.....	1
G1a_5938698_x2.....gugggaacacggggugccgCac.....	1
G1a_5952398_x2.....ugggaacacggggugccga.....	0
G1a_5896312_x2...aucggagacgucgugggCacacgg.....	1
Gi2_10946283_x2.....ucgugggaacacUgggugccg.....	1
Gi2_10900583_x2...gaucggagacgucGggga.....	1
Gi3_28230044_x2.....acgucgugggaacacgggguAccgaac.....	1
Gi5_8786021_x2.....guggUaacacggggugcc.....	1
Gi2_10940941_x2.....ugAgaacacggggugccgaa.....	1
Gi1_4142555_x2.....acgucgugggaacacgUggugcc.....	1
Gi1_4121825_x2.....gugggaacacggggugccgaaAuu.....	1
Gi2_10934883_x2.....cggagacgucgugggaacacgg.....	0
Gi3_28187040_x2.....ugggaacacgUggugccg.....	1
Gi1_4092417_x2.....acgAcgugggaacacggggugccgaacu.....	1
Gi5_8768837_x2.....gugggaacacggggugUc.....	1
Gi2_10984277_x2.....cgugggaacacggggugAcgaac.....	1
Gi2_10876803_x2.....ggagacgucgugggaacacgAggugc.....	1

Gi1_4128757_x2.....Aagacgucgugggaacacggggugccgaacu.....	1
Gi1_4150153_x2.....gaGcacggggugccgaac.....	1
Gi1_4132859_x2.ugcgauccgagacgucgu.....	0
Gi5_8770135_x2.....cUgagacgucgugggaacacggg.....	1
Gi1_4148643_x2.....cguNgugggaacacggggugccgaacu.....	1
Gi3_28197248_x2.....gacgucgugggaaUacggggugccgaac.....	1
Gi2_10939799_x2.....gacgucgugggaGcacggggg.....	1
Gi2_10977289_x2.....gacgucgugggaacacggggugccgaCc.....	1
G1a_5928784_x2.....guggCaacacggggugccgaacu.....	1
Gi5_8749845_x2.....gagGcgucgugggaacacggggugcc.....	1
Gi1_4126397_x2..cUaucggagacgucgugggaacacggggg.....	1
Gi1_4139175_x2.....acgucgugggaacacggggGgcccgaac.....	1
Gi3_28094410_x2.....agacgucgugggaacacggggGgcccgaacu.....	1
Gi1_4090129_x2.....gacgucgugggaacacggggAugcc.....	1
Gi2_10926605_x2.....gugggaacacggggugGcg.....	1
Gi1_4106151_x2.....cgugggaacacggggugccgCac.....	1
Gi3_28194714_x2.....gacgucgugggUacacggggugccgaacu.....	1
Gi3_28004490_x2.....gggaacacggCGugccgaac.....	1
G1a_5968046_x2....aucggagacgucgCgggaacacggggugcc.....	1
Gi1_4112021_x2.....agacgucgugggaacacggggugccgU.....	1
Gi1_4130177_x2.....Uagacgucgugggaacacggggugccga.....	1
Gi2_10837971_x2.....acgucgugggaacaUggggugcc.....	1
Gi3_28224952_x2.....agacgCcgugggaacacggggugccgaac.....	1
Gi2_10919611_x2.....gaacacggggugccgGac.....	1
G1a_5952608_x2....aucggagacgucgugggaacCggggugcc.....	1
Gi1_4100663_x2..Ucgauccgagacgucgugggaacacggggugcc.....	1
Gi2_10922995_x2.....acgucguAggaacacggggugccgaac.....	1
Gi3_28118500_x2....ucggagacgucgugggaacacAgggg.....	1
Gi2_10897301_x2.....cgAagacgucgugggaacacggggugcc.....	1
Gi2_10877331_x2.....gucgGgggaacacggggugcc.....	1
G1a_5923610_x2....aucggagacgucguAggaacacggggugcc.....	1
Gi2_10854669_x2....aucggagacgucgugggaUacggggugcc.....	1
Gi2_10969407_x2.....acUucgugggaacacggggugc.....	1
Gi2_10901283_x2....aucgAagacgucgugggaacacggg.....	1
Gi2_10962533_x2.....gagacgucgugggGacacggggugcc.....	1
Gi3_28187958_x2.....ugggaacacggggugccCaac.....	1
Gi2_10986393_x2.....agacgucgCgggaacacggggugc.....	1
Gi2_10870553_x2.....gugggCacacggggugccg.....	1
Gi1_4120607_x2.....ucguAggaacacggggugcc.....	1
Gi4_565018_x2....cgucgugggaGcacggggugccga.....	1
Gi3_28048580_x2..gGgaucggagacgucgugggaacac.....	1
Gi5_8723941_x2.....gagacgucNugggaacacggggugccgaacu.....	1
Gi2_10837071_x2.....gCgacgucgugggaacacggggugcc.....	1
Gi2_10908915_x2.....ugggaacacgggUugccga.....	1
Gi3_28258364_x2.ugUgauccgagacgucgugggaaca.....	1
Gi1_4119441_x2.....ggagacgCcgugggaacacggggugccg.....	1
Gi5_8777025_x2.....cgucgugggaacacgUggugccgaacu.....	1

Gi2_10899171_x2.....ggagacgucgugggaacaUggggugc..... 1
Gi3_28104288_x2.....ggagacgucAugggaacacggggugccgaacu..... 1
Gi2_10939031_x2....gaucggagacgCcguggga..... 1
Gi1_4133145_x2.....gagacgucNugggaacacggggugccgaacu..... 1
Gi5_8778053_x2.....cgucgugggaacaAggggugccgaacu..... 1
Gi2_10937229_x2.....gagacgCcgugggaacacggggug..... 1
Gi2_10897685_x2.....gacgucgugggaacacggggugccgUacu..... 1
Gi1_4106881_x2....aucgUagacgucgugggaacacggggg..... 1
G1a_5884034_x2.....ugggaacacggggugccgaaAu..... 1
Gi1_4139775_x2....ucggagacgucgugggCacacg..... 1
Gi5_8746837_x2.....Ggucgugggaacacggggugccga..... 1
Gi2_10850035_x2....ucggagacgucgugggaacacggggAgcc..... 1
Gi3_28038066_x2.....cggagacgucgugAgaacacg..... 1
Gi1_4134773_x2....cggagacgucgugggaaAacggggugc..... 1
Gi1_4157229_x2.....gucgugggaacacggggugcU..... 1
Gi2_10851075_x2.....acgucgugUaacacggggugcc..... 1
Gi2_10940973_x2....aucggagacgucgugggaacaUggggugc..... 1
Gi3_28092046_x2.....cgucgugggaacacggAgugccga..... 1
Gi3_27994568_x2....gaucggagacgucgugggaacacAgggg..... 1
Gi4_554284_x2.....gucgugggaGcacggggugccgaacu..... 1
Gi1_4133243_x2....ucUgagacgucgugggaacacggggugcc..... 1
Gi2_10871159_x2.....gacgucgugggaacacggggugccgCac..... 1
Gi2_10883139_x2.....ggagacgucgCgggaacacggggugcc..... 1
Gi3_28180702_x2....gaucggagacgCcgugggaacac..... 1
Gi5_8789241_x2....aucCgagacgucgugggaacacgg..... 1
Gi1_4154609_x2.....gggaacacggggugccgaacG..... 1
G1a_5883254_x2....aucggagaNgucgugggaacacgg..... 1
G1a_5941512_x2....auUggagacgucgugggaacacggggugcc..... 1
Gi1_4119073_x2.....agacgucgugggaacacggggugccgaGcu..... 1
Gi2_10926355_x2....gaucggagacgucgugggaacCcggg..... 1
Gi2_10868255_x2.....gacgucgugggaacacggggugccgaacG..... 1
Gi3_28171436_x2....cCgagacgucgugggaacacggg..... 1
Gi2_10952963_x2.....acgucgugggaacacggUgugcc..... 1
Gi5_8738373_x2.....gugggaacacggggugcA..... 1
Gi5_8750819_x2.....gggaacacggggugccgaacG..... 1
G1a_5937678_x2.....ugggaacacgggCugccgaacu..... 1
Gi5_8789829_x2....aucggagacgucgugggGacacgggg..... 1
Gi3_28105682_x2....cgucgugggaacacUgggugccgaacu..... 1
Gi2_10872739_x2.....ggagacgucgugggaacacggAgugc..... 1
Gi2_10863211_x2.....gagacgucguAggaacacggggug..... 1
Gi1_4103949_x2.....ucgugggaacacggggugccgaUc..... 1
Gi3_28006032_x2.....gucgugggaacacgUggugccgaacu..... 1
Gi2_10843207_x2....gauUggagacgucgugggaac..... 1
Gi1_4151703_x2.....uggNaacacggggugccgaacu..... 1
Gi3_28107654_x2....Ccgagacgucgugggaacacg..... 1
G1a_5968188_x2.Agcgaucggagacgucgu..... 1
G1a_5900360_x2.....gCgggaacacggggugccga..... 1

Gi3_28182226_x2.....ggaacacggggugccgaaGu..... 1
 Gi3_28035250_x2.....acacUgggugccgaacuu..... 1
 Gi3_28202992_x2.....aacacggggugccgaGcuu..... 1
 Gi3_28117158_x2.....cgAagacgucgugggaaacacggggugcc..... 1
 Gi1_4153039_x2.....cgucguggAaacacggggugccgaacu..... 1
 Gi1_4134525_x2.....aacacggggCugccgaacu..... 1
 Gi3_28114000_x2.....cgucgugggaaacacggggugcG..... 1
 Gi2_10866735_x2.....ucggGgacgucgugggaaaca..... 1
 G1a_5943708_x2.....gaacacggggugccgaacA..... 1
 Gi2_10982365_x2.....cgugggaacacggggAgcc..... 1
 Gi1_4105781_x2.....uUgugggaaacacggggugcc..... 1
 Gi2_10933189_x2.....gaucgAagacgucgugggaaacacggggugc..... 1
 Gi3_28132520_x2.....agacgucgugggaaacaGggggugccgaacu..... 1
 Gi2_10936783_x2.....aucggagacgucgugggaaacacUgggu..... 1
 Gi2_10922011_x2.....cgaucggagacgCcgugggaaacacg..... 1
 Gi1_4153287_x2.....gaacacggggugccgaacuC..... 1
 G1a_5936326_x2.....gcgaucggagacguUgug..... 1
 Gi1_4090983_x2.....gugggaacacggAgugcc..... 1
 Gi2_10886105_x2.....agacguUgugggaaacacggggugcc..... 1
 Gi3_28184422_x2.....aucggagacgAcgugggaaacac..... 1
 Gi5_8756681_x2.....Uucggagacgucgugggaaacacgg..... 1
 Gi2_10921209_x2.....gaacacggggugccgaacuu..... 0
 Gi3_27989736_x2.....gagacgCcgugggaaacac..... 1
 Gi3_28047014_x2.....gaucggagacgucguAggaacacgg..... 1
 Gi3_28057370_x2.....cggagacgucgugggaaacacggAgu..... 1
 Gi2_10969897_x2.....agacgucgugggaaacacggggugc..... 1
 Gi1_4122509_x2.....aGcggagacgucgugggaaacacggggugcc..... 1
 G1a_5907232_x2.....acgucgugggGacacgggggu..... 1
 Gi2_10910645_x2.....acgNcgugggaaacacggggugc..... 1
 Gi3_28073328_x2.....gugggaUcacggggugcc..... 1
 Gi2_10949863_x2.....gaucggCgacgucgugggaaacacggggugcc..... 1
 Gi2_10885247_x2.....aucggagacgucgugggaaacacCgggu..... 1
 Gi2_10908475_x2.....gaucggagacgucgugggaaAacgggu..... 1
 Gi1_4152341_x2.....cgugUgaacacggggugccgaac..... 1
 Gi5_8721415_x2.....gUgacgucgugggaaacacg..... 1
 Gi5_8792053_x2.....gugggaacacggggugcGgaac..... 1
 Gi2_10957177_x2.....aucggagacgucgGgggaacacgggggu..... 1
 Gi2_10931093_x2.....agacgucgugggaaacaGggggugcc..... 1
 Gi2_10934069_x2.....gUcgucgugggaaacacggggugccg..... 1
 Gi5_8766521_x2.....aucggaAacgucgugggaaacacg..... 1
 Gi3_28166178_x2.....agacguAgugggaaacacggggugccgaacu..... 1
 Gi2_10837539_x2.....gggaacacggggugccUaac..... 1
 Gi3_28031916_x2.....cgugggaAacggggugc..... 1
 Gi5_8719549_x2.....acgucgugggaaacacggggCgcccga..... 1
 G1a_5879480_x2.....ggaacacggggUAccgaacu..... 1
 Gi2_10837357_x2.....ugggaaAacggggugccgaacu..... 1
 Gi2_10832141_x2.....cgucgugggaaacacggggugAcg..... 1

Gi2_10990731_x2.....ggagacgucgugggaacacgggAugcc..... 1
 Gi3_28134304_x2..gcgaucggagacgucgugggaacacAg..... 1
 Gi4_562596_x2.....gaUcacggggugccgaacu..... 1
 Gi3_28090342_x2.....gacgucgugggaacacgggAu..... 1
 Gi1_4117121_x2...gaucggagacgucgugggaacaAggg..... 1
 Gi5_8721341_x2.....gucgugggaacacgggguAccgaa..... 1
 Gi3_28214650_x2.....cgucgugggaacacgggAugccgaac..... 1
 Gi2_10900793_x2.....Gcgucgugggaacacggg..... 1
 Gi3_28110694_x2.....cgucUugggaacacgggg..... 1
 Gi1_4126187_x2...aucggagacgucgCgggaacacggggu..... 1
 Gi1_4154463_x2.....ugggaacacgggUugccgaac..... 1
 Gi5_8768111_x2.....gucgugggaacacggggugccgaUc..... 1
 Gi5_8820925_x2...ucggagacgucgugggCacacg..... 1
 Gi1_4090801_x2.....ucgugggaacacggggAgccgaac..... 1
 Gi5_8747205_x2.....gacgucgugggaacCggggugccgaacu..... 1
 Gi2_10931727_x2.....cggagacgucgugggGacacggggugc..... 1
 Gi2_10909273_x2.....gacgucgCgggaacacggggugcc..... 1
 Gi3_28100228_x2.....gucgugggaacacggggugGcgaacu..... 1
 Gi3_28020518_x2...aucggUgacgucguggga..... 1
 Gi3_28169248_x2.....gggaacacgggAugccga..... 1
 Gi2_10951671_x2.....agacgAcgugggaacacggggugcc..... 1
 Gi2_10843535_x2.....Agugggaacacggggugccg..... 1
 Gi3_28126828_x2.....acgucgugggGacacggggugccg..... 1
 Gi5_8808409_x2.....gugggGacacggggugccgaa..... 1
 Gi5_8775393_x2.....gugggaGcacggggugccgaacu..... 1
 Gi3_28131340_x2.....gacgucgugggaacGcggggugc..... 1
 Gi1_4137399_x2.....gugggaacacggggugccgaacuC..... 1
 Gi3_27984628_x2.....acgucgugggaacacggggCgccgaa..... 1
 Gl1_5954082_x2.....gaacacggggugccgCacu..... 1
 Gl1_5927182_x2.....gugggGacacggggugcc..... 1
 Gi3_28239358_x2.....cgucUugggaacacggggugccgaa..... 1
 Gi3_28203366_x2.....gacgucgugggaacacgggguAccgaac..... 1
 Gi1_4136507_x2...gUucggagacgucgugggaacac..... 1
 Gi1_4092387_x2.....gugggaacNcggggugcc..... 1
 Gi3_28190028_x2.....ugggaacacggggugccUa..... 1
 Gi3_28113004_x2...aucggagacgucCugggaacacggggu..... 1
 Gi5_8768107_x2.....cgugggaacCggggugccga..... 1
 Gi3_28172888_x2.....gucgugggCacacggggugcc..... 1
 Gi5_8807595_x2.....cgugggaacacggggugccgGac..... 1
 Gi3_28128000_x2...aucggagCcgucgugggaacacggggugc..... 1
 Gi3_28129056_x2.....agacgucgNgggaacacggg..... 1
 Gi2_10967043_x2.....gagacgucgugggaacacggggCg..... 1
 Gi2_10927537_x2.....cguggUaacacggggugcc..... 1
 Gi3_28011132_x2...gaucggagacAucgugggaac..... 1
 Gi3_28129382_x2.....cgugggaacacggggugcAga..... 1
 Gi1_4099335_x2...uGgugggaacacggggugccga..... 1
 Gi3_28050812_x2.....uggCaacacggggugccgaac..... 1

Gi2_10847689_x2.....gugggaacacggggugcGg..... 1
G1a_5950074_x2.....gacgucgugggaGcacgggu..... 1
Gi2_10880767_x2.....gCagacgucgugggaacacggggugccg..... 1
Gi3_28131542_x2.....gucgugggaacaGggggugccgaac..... 1
Gi2_10898275_x2.....Ugacgucgugggaacacggggugccgaacu..... 1
Gi2_10829423_x2.....aucggagacgAcgugggaacacgggggu..... 1
Gi3_28080450_x2cugcgaucggagacgucgugggaacacggggugc..... 0
Gi2_10833275_x2.....cguAggaacacggggugccga..... 1
Gi3_28128494_x2.....guGgugggaacacggggugccgaacu..... 1
Gi1_4134449_x2.....gucgugggaacacggggguAcc..... 1
Gi2_10957593_x2.....gagacgucgugggaacacAgggugc..... 1
G1a_5962694_x2.....ggagacgucgugggaGca..... 1
Gi2_10898677_x2.....aucgUagacgucgugggaacacgg..... 1
G1a_5918408_x2.....gugggaacacCgggugccgaacu..... 1
Gi5_8760997_x2.....gagacgucgugggaacCggggugccgaacu..... 1
Gi3_28163290_x2.....Cacgucgugggaacacgggggu..... 1
Gi2_10906691_x2.....Cgacgucgugggaacacggggugcc..... 1
Gi2_10847647_x2.....gucgugggaacacggggugccgaaUu..... 1
Gi1_4144837_x2.....cgugggaacacggggugGcgaacu..... 1
Gi1_4155857_x2.....cgugggaGcacggggugccgaac..... 1
Gi2_10899655_x2.....cggagacgucgugggaacacgAgggugcc..... 1
Gi2_10834413_x2.....cggagacgucguUggaacacggggugcc..... 1
Gi2_10983889_x2.....gucgugggaacacggggAugccgaac..... 1
Gi2_10904361_x2.....gagacgucgugggaGcacggggug..... 1
Gi1_4100401_x2.....ugggaacacggggugccgCacuu..... 1
Gi3_28187768_x2.....aucggagacgucgugggaacacgggAugcc..... 1
Gi2_10884813_x2.....ucggagacgucgCgggaacacggggugc..... 1
Gi3_27987112_x2.....cggagacgucAugggaacacggggugcc..... 1
Gi1_4121829_x2.ugcgauNagacgucguggga..... 1
G1a_5962976_x2.....gugggaacacAgggugccga..... 1
Gi1_4118231_x2.....Gucggagacgucgugggaacacggg..... 1
Gi1_4125135_x2.....gagacgucguAggaacacggggugccgaacu..... 1
Gi2_10880379_x2.....gacgucgAgggaacacggggugccgaacu..... 1
Gi3_28125632_x2.....gaucggagacgucgugUgaacacgggg..... 1
G1a_5980446_x2.....auUggagacgucgugggaacacgggggu..... 1
Gi5_8738491_x2.....acgucgugggaacacggggCgcccgaac..... 1
Gi2_10947657_x2.....Gcgucgugggaacacgggggu..... 1
Gi3_28160854_x2.....cggGgacgucgugggaacacgggg..... 1
Gi1_4146809_x2.....Gggagacgucgugggaacacggg..... 1
Gi1_4113363_x2.....gaacacggCgugccgaacu..... 1
Gi2_10878093_x2.....cgucgugggaacacggggugccgaacG..... 1
Gi2_10910833_x2.....agacgucguAggaacacggggugccgaacu..... 1
Gi3_28130842_x2..Ccgaucggagacgucgugggaacacggggugcc..... 1
Gi3_28101492_x2.....cgugggaacacggggugU..... 1
Gi3_28222432_x2.....acgucgugggaacacggggugcU..... 1
Gi2_10869179_x2.....cgucguAggaacacggggugccg..... 1
Gi5_8786199_x2.....gaucggagNcgucgugggaacac..... 1

Gi1_4125797_x2.....ggagacgucgugUgaacacggggugcc..... 1
G1a_5912080_x2.....aacacggAgugccgaacu..... 1
Gi2_10829627_x2.....cguggaacacggggugAcgaa..... 1
Gi2_10937811_x2.....ucggagacgucguggaacacAgggugc..... 1
Gi3_28096100_x2.....cgucgugggaaUacggggugccg..... 1
Gi3_28228276_x2.....cgucgCgggaacacgggg..... 1
Gi2_10950335_x2.....acgucgCgggaacacggggugccgaac..... 1
Gi3_28051608_x2...Ugaucggagacgucgugg..... 1
Gi5_8738047_x2.....gagacgucguggaacacggggugccgaCcu..... 1
Gi5_8740827_x2.....cguggaacacUgggugccgaac..... 1
Gi3_27995714_x2cugcUaucggagacgucg..... 1
Gi1_4142589_x2.....ggaacacggggugAcgaaacu..... 1
Gi1_4112383_x2.....guggaacGcggggugccgaacuu..... 1
Gi2_10861573_x2.....gacgAcguggaacacggggu..... 1
Gi2_10902343_x2.....guggaacacgggUugccg..... 1
Gi3_28125734_x2.....cgGcguggaacacggggugc..... 1
G1a_5894830_x2.Ggcgaucggagacgucgug..... 1
Gi2_10841217_x2...gaucggUgacgucguggaacacggg..... 1
Gi3_28226120_x2.....gaUacgucguggaacacggggu..... 1
Gi3_28151474_x2...gaucggagNcgucguggaacacggggugc..... 1
Gi2_10884511_x2.....guggaacacggggugccgU..... 1
Gi2_10990197_x2...auAggagacgucguggaacacggggugc..... 1
Gi2_10989117_x2.....ggaacacggggugGcgaacu..... 1
Gi3_28175532_x2.....acgucguggaacCcgggugcc..... 1
Gi3_28113938_x2.....gacgucguggaacacggggA..... 1
Gi2_10833047_x2.....cgucguggaacacggAgugc..... 1
Gi3_28139014_x2.....ucguggaacacggggugccgaUcu..... 1
G1a_5954170_x2.ugUgaucggagacgucgu..... 1
G1a_5889180_x2.....gacgucguggaacacAgggu..... 1
Gi1_4107455_x2.....ggaacUcggggugccgaacu..... 1
Gi3_28109940_x2...ucggagacgAcguggaacacggggu..... 1
Gi1_4113187_x2.....cgucguggGacacggggugccgaac..... 1
Gi3_28221492_x2...gaucggagacgucguggaacacgggA..... 1
Gi3_28031700_x2cCgcgaucggagacgucg..... 1
Gi2_10881207_x2.....guggaacacggggUcc..... 1
Gi3_28047234_x2...ucggagacgucgCgggaacacggggugc..... 1
Gi5_8808343_x2.....gacgucguggaacacAgggugccgaacu..... 1
Gi3_28144652_x2.....gggaacacUgggugccgaac..... 1
Gi3_28059750_x2...gaucggagacgucgCgggaacacgg..... 1
Gi3_28198436_x2...ucggagacgucguggaacCcgggugcc..... 1
Gi1_4154219_x2.....cAuggaacacggggugccgaa..... 1
Gi1_4112913_x2.....ggagacgucguggaacacggggAgccg..... 1
Gi2_10878071_x2.....acgucgugAaacacggggugcc..... 1
Gi1_4130549_x2.....ucguggaacCcgggugccg..... 1
Gi3_28086146_x2...cggagacgucAuggaacacggggugccga..... 1
Gi2_10937129_x2.....ucguggaacUcggggugccgaac..... 1
Gi1_4114499_x2.....gUagacgucguggaacacggggugccgaa..... 1

Gi2_10829903_x2.....gagacgucgugggaacGcggggugccgaacu.....	1
Gi3_27998202_x2.....gucgugggaacGacggggugccgaacu.....	1
G1a_5972560_x2....Gucggagacgucgugggaacacgggg.....	1
Gi3_28157016_x2.....gagacgucguAggaacacgggg.....	1
Gi3_28030806_x2.....ucgugggaacacgggAugc.....	1
Gi5_8736353_x2.....ugggaacacggggugccgGa.....	1
Gi1_4151693_x2.....cgugggaacacggggugccgaUcu.....	1
Gi4_561212_x2.....acgucgugggaacacggggCgccgaacu.....	1
G1a_5958734_x2.....gUagacgucgugggaacac.....	1
Gi1_4123177_x2.....cgAcgugggaacacggggugcc.....	1
Gi2_10934365_x2.....cguNgugggaacacggggugccg.....	1
Gi3_28058248_x2.....cggagacgucgugggaUacggggugcc.....	1
Gi1_4141425_x2.....gucgCgggaacacggggugccgaac.....	1
Gi5_8736219_x2.....cgugggaacacggggugGcgaac.....	1
Gi3_28200802_x2....aucggagacgucgugggaacaAggg.....	1
Gi5_8775467_x2.....gggaacaGggggugccgaacu.....	1
Gi1_4121961_x2....aucggagacgucguggga.....	0
Gi2_10914297_x2.....gucgugggaacacggUgugccgaacu.....	1
Gi1_4132763_x2....gaucggagacgucgugggaacacgU.....	1
Gi5_8755267_x2.....gugggaacacggggugccAaacuu.....	1
Gi2_10869163_x2....aucggagacgucgugggaUcacg.....	1
Gi3_28257988_x2.....gggaacacgAggugccga.....	1
Gi3_28161996_x2.....cggagacgucgugggaacCc.....	1
Gi3_28146456_x2....gaucggCgacgucgugggaacacgggg.....	1
Gi5_8828577_x2.....Agugggaacacggggugcc.....	1
Gi1_4095657_x2.....cgucgugggaacacggggugccgaCcu.....	1
Gi2_10950975_x2.....cgAcgugggaacacggggug.....	1
Gi1_4095145_x2.....cggGgacgucgugggaacacggggugcc.....	1
Gi3_28118436_x2.....ucgugggaacacggggCgcc.....	1
Gi5_8785047_x2.....acgucgugggaacacggggugccgCac.....	1
Gi3_28260088_x2.....cggagacAucgugggaacacggggugcc.....	1
Gi3_28221306_x2.....ucgugggaacacggggUccgaacu.....	1
Gi2_10907677_x2.....cggagacgucgugggaGcac.....	1
Gi2_10988447_x2.....acAucgugggaacacggggugccgaac.....	1
Gi3_28065114_x2...Ugaucggagacgucgugggaacacg.....	1
Gi1_4104505_x2.....ugggaacacggggugAcg.....	1
Gi2_10898559_x2.....cggagacgucgugggaUcacggggugcc.....	1
Gi3_28165772_x2.....gacgucgugggaacacggggugAcgaa.....	1
Gi3_28173416_x2.....agacgucgugggaacacggggugUc.....	1
Gi1_4152171_x2.....cgugCgaacacggggugccgaacu.....	1
Gi5_8749593_x2.....cgugggaCcacggggugccgaac.....	1
Gi3_28250992_x2.....agaUgucgugggaacacgggg.....	1
Gi3_28002326_x2.....acgAcgugggaacacggggugccgaac.....	1
Gi3_28230570_x2.....cgucguggUaacacggggugc.....	1
Gi1_4156415_x2....aucggagacgucgugggaacacAg.....	1
Gi4_558354_x2.....ggagacgucgugggaacacggggugcc.....	0
Gi5_8747457_x2.....cgCcgugggaacacggggugccga.....	1

G1a_5900890_x2.....Ugucgugggaacacggggugccgaacu..... 1
 Gi2_10845111_x2...gaucUgagacgucgugggaacacgg..... 1
 Gi2_10874755_x2.....cgucguUggaacacggggugccgaac..... 1
 Gi1_4143731_x2.....Cggaacacggggugccgaacuu..... 1
 Gi3_28076198_x2.....cgagacgucgugggaacacggggCgcccga..... 1
 Gi2_10932549_x2.....cgugggaaUacggggugc..... 1
 G1a_5879178_x2.ugcgauccgagacgCcg..... 1
 Gi3_28017870_x2.....guUgugggaacacggggugccgaa..... 1
 G1a_5944912_x2.....cgugggaacacggUgugccgaacu..... 1
 Gi5_8805737_x2.....acgucgugggaacacggggGgcc..... 1
 Gi3_28041212_x2.....uUggaacacggggugccgaacuu..... 1
 Gi3_28118984_x2.....ucUgagacgucgugggaacacggggugccg..... 1
 Gi3_28082510_x2.....gagacgucgugggaacCgggggu..... 1
 Gi5_8789051_x2.....gacgucgugggaCcacggggugccgaacu..... 1
 Gi1_4113335_x2.....ugggaacacggggugcAgaac..... 1
 Gi3_28214950_x2.....cggagGcgucgugggaacacggggugccga..... 1
 Gi2_10860131_x2.....gucguggAaacacggggugcc..... 1
 G1a_5951788_x2.....guAggaacacggggugccg..... 1
 Gi3_28066140_x2.....Aggaacacggggugccgaacuu..... 1
 Gi2_10915091_x2.....aucggagacgCcgugggaa..... 1
 Gi1_4131403_x2.....gugggaacacggggugccgaUcu..... 1
 Gi2_10980797_x2.....ucggagacgucgugggaacCggggugcc..... 1
 Gi2_10891069_x2.....ggagacgucgugggaacacgAggug..... 1
 Gi3_28115648_x2.....gagacgucgugggaacacggggugcUgaac..... 1
 Gi5_8801159_x2.....ggaacacggggugccgaaGu..... 1
 Gi2_10958287_x2.....Uggagacgucgugggaacacggggugc..... 1
 Gi1_4125215_x2...gUucggagacgucguggg..... 1
 Gi1_4090741_x2.....ucggagacgucgugggCacacggggugc..... 1
 Gi5_8817007_x2.....Ggucgugggaacacggggugc..... 1
 Gi2_10972959_x2.....agacgucgugggaacacggggugccgaGc..... 1
 Gi5_8799865_x2.....gucgGgggaacacggggugccgaac..... 1
 Gi1_4147797_x2.....gacgucgGgggaacacgggg..... 1
 Gi5_8741455_x2.....gucgugggaacacggggugccgaUcu..... 1
 Gi5_8769055_x2.....agacgucgugggaacacggggCgcccgaac..... 1
 Gi4_566500_x2.....ugggaacacggggugccgaacuA..... 1
 Gi3_28113064_x2.....cgugggCacacggggugccgaa..... 1
 Gi2_10888751_x2.....cgugggaacUcggggugccga..... 1
 Gi2_10941885_x2.....agacgucgugggaacacgAggugc..... 1
 Gi5_8729121_x2...gaucggagacgucgugggaacaAgg..... 1
 Gi1_4140421_x2.....ggaacacggggugccCaacu..... 1
 Gi3_28240156_x2.....guggCaacacggggugccgaa..... 1
 G1a_5972652_x2...cgauccgagacgucgugggaacacggggGgc..... 1
 Gi1_4090135_x2.....gagacgucgugggaacCggggugccgaacu..... 1
 Gi2_10977443_x2.....ucggagacgucgGggaaca..... 1
 Gi5_8742747_x2...aucggagacgucgugggaacacAgggu..... 1
 G1a_5889360_x2.....guggUaacacggggugccgaac..... 1
 Gi5_8761063_x2.....cgugggaacacggggugccgG..... 1

Gi3_28151726_x2.....uGggagacgucgugggaacac..... 1
Gi3_28213308_x2.....aucggagacgGcgugggaacacggggu..... 1
Gi3_28094334_x2.....cggagacgNcgugggaacacggggug..... 1
Gi1_4107995_x2.....ucgugUgaacacggggugccgaacu..... 1
Gi3_28219626_x2.....gggaacacggggugccCaacu..... 1
Gi3_28078524_x2.....ucgugggaacacggUgugccgaacu..... 1
Gi3_28053948_x2.....Gggagacgucgugggaacacggggugccgaa..... 1
Gi2_10857089_x2.....aucggagacgucgugggUacacg..... 1
Gi3_28222626_x2.....cggagacgucgugggaacGc..... 1
Gi3_28248996_x2.....gggaacacggggugccGc..... 1
Gi3_28259516_x2.....aucggUgacgucgugggaacacggggugcc..... 1
Gi1_4132403_x2.....ucgugggaacacggggGgc..... 1
Gi2_10986267_x2.....ugggaacacgAggugccgaac..... 1
Gi3_28039124_x2.....ugggaacacggUgugccgaa..... 1
Gi3_28167100_x2.....gugggaacacgggUugccga..... 1
G1a_5892250_x2.....ggaacacggggugccgaaAu..... 1
Gi1_4151335_x2.....cUucgugggaacacggggugccga..... 1
Gi5_8773727_x2.....ggaacacggggugccgGac..... 1
Gi1_4134573_x2....Aaucggagacgucguggg..... 1
Gi3_28067618_x2.....ucggagacgucgugggaacacggggG..... 1
Gi3_28199612_x2.....ucgugggaacacggUgugccgaac..... 1
Gi3_28233816_x2.....ggGgacgucgugggaaca..... 1
Gi5_8803293_x2....aCcgagacgucgugggaaca..... 1
Gi3_28073838_x2.....cggGgacgucgugggaacacggggugccga..... 1
Gi2_10965371_x2.....cUgagacgucgugggaacacgggg..... 1
Gi2_10851393_x2.....cggagacgucgugggaacGc..... 1
Gi2_10856103_x2.....agacgucgugggaacacgAggugcc..... 1
Gi2_10986723_x2.....aucggagUcgucgugggaacacg..... 1
G1a_5905062_x2....aucggagacgucgugggCa..... 1
Gi3_28230914_x2.....acgucgugggaacacggggugcGgaac..... 1
G1a_5927302_x2.ugcgauccggagGcgucgu..... 1
Gi2_10849375_x2.....gacgCcgugggaacacggggu..... 1
Gi2_10899143_x2.....gggaacacNgggugccga..... 1
Gi2_10945959_x2.....cggagacgucgugggaacGcggggug..... 1
G1a_5911902_x2.....gaacacgggAugccgaacu..... 1
Gi4_566822_x2.....aGcacggggugccgaacu..... 1
Gi2_10882991_x2....aucggagacgucgugggaacC..... 1
Gi2_10888377_x2.....aGgucgugggaacacggggugccgaac..... 1
Gi1_4113099_x2.....agacgucgugggaCcacggggugccgaacu..... 1
Gi2_10947099_x2.....ucgugggaacaAggggugccgaac..... 1
Gi2_10965689_x2.....gucgugggaacacggggugccGac..... 1
Gi2_10837593_x2.....acgucgugggaacacggggAgcc..... 1
Gi2_10848447_x2....aucggagacgucgugggaAacggggugcc..... 1
Gi2_10923605_x2....aucggagacgucguAggaacacggg..... 1
Gi5_8730099_x2....aCcgagacgucgugggaacacg..... 1
Gi2_10974825_x2.....aacacggggugAcgaacu..... 1
Gi3_27995724_x2.....acgucgugggaacacggggGgc..... 1

Gi2_10876245_x2.Ggcgaucggagacgucgugggaacacggggugc..... 1
 Gi3_28191284_x2.ugcgaucggagacgucgugggaacGcg..... 1
 Gi1_4101825_x2.....cgugggaacacAgggugccga..... 1
 Gi1_4106303_x2.....cgugggaacacUgggugccgaacu..... 1
 Gi3_28162798_x2....gaucggagacgucgugggaacGcggggugc..... 1
 Gi1_4094563_x2.....gugggaaAacggggugcc..... 1
 Gi2_10957553_x2....gaucggagGcgucgugggaacacggggugc..... 1
 Gi1_4098425_x2.....gggaaGacggggugccgaacu..... 1
 Gi3_28053398_x2.....ggagacgucgugggaacacggggugccAaa..... 1
 Gi5_8778607_x2.....gUagacgucgugggaacacggggugccgaac..... 1
 Gi1_4101717_x2.....ggGacacggggugccgaa..... 1
 Gi3_28244302_x2.....agacgucgugggaacacggggAgccgaacu..... 1
 Gi1_4145203_x2.....gaacacggAgugccgaacuu..... 1
 Gi1_4101819_x2.....gugggaacacUgggugccgaacu..... 1
 Gi2_10914149_x2.....ucgugggaacacggggugccgUac..... 1
 Gi3_28051406_x2....gaucggagacgucgCgggaac..... 1
 Gi1_4096131_x2.....cguUgugggaacacggggugccgaacu..... 1
 Gi2_10922939_x2.....gacgucgugggaacaUggggugccgaacu..... 1
 Gi3_28152088_x2.....cgGcgugggaacacgggg..... 1
 Gi4_564142_x2.....Ggucgugggaacacggggugccgaacu..... 1
 Gi2_10986517_x2.....ggaacaGggggugccgaac..... 1
 G1a_5934368_x2....gaucUgagacgucguggga..... 1
 G1a_5938368_x2.....gugggaacacggggugccCaacu..... 1
 Gi3_28250554_x2.ugcgaucggagacgucgugggaacacA..... 1
 Gi2_10945441_x2.....gacgucguAggaacacggggugccgaacu..... 1
 Gi5_8736339_x2.....aacacggggugccgaGcuuu..... 1
 G1a_5883074_x2.....ggaacUcggggugccgaac..... 1
 Gi2_10906193_x2.....gacgucgCgggaacacggggugccgaac..... 1
 Gi5_8771475_x2.....gugggaacacggggugccgaacuC..... 1
 Gi1_4132743_x2....gaucggagacgucgugggaaca..... 0
 Gi3_28147862_x2.....cgucgugggaacacggggguCccgaac..... 1
 Gi4_562448_x2.....gAgaacacggggugccgaacu..... 1
 Gi3_28228746_x2.....ggaacacggggugcAga..... 1
 Gi5_8773587_x2.....cgGcgugggaacacggggugc..... 1
 Gi3_28196202_x2....Uucggagacgucgugggaacac..... 1
 Gi5_8751863_x2....aucggagaUgucgugggaacacgggggu..... 1
 Gi5_8772133_x2.....acgucguggUacacggggugccgaacu..... 1
 Gi2_10911019_x2.....cgucUugggaacacgggg..... 1
 Gi2_10898649_x2.....cgugggaacacggggugccCaacu..... 1
 Gi3_28217206_x2.....ggagacgucgugggaAacggggugccg..... 1
 Gi5_8783919_x2.....gaacacggggugcGgaacu..... 1
 Gi2_10917939_x2....gaucggagaAgucgugggaacacgggggu..... 1
 Gi3_28088406_x2....aucggagGcgucgugggaacacggggugc..... 1
 Gi3_28096076_x2.....acgucgugggaacGcggggugcc..... 1
 Gi1_4108661_x2.ugUgaucggagacgucguggga..... 1
 Gi2_10886591_x2.....gggaacacggggugccgaacAu..... 1
 Gi2_10835245_x2....aucggagacgucgugggaUcacgggggu..... 1

Gi3_28119048_x2.....agGcgucgugggaacacggggugcc..... 1
 Gi3_28196328_x2.....cggagaUgucgugggaacacggggu..... 1
 Gi2_10891681_x2.....ucNugggaacacggggugccgaacu..... 1
 Gi1_4119527_x2....gaucggagacgucguAgg..... 1
 Gi5_8794027_x2.....gucgugggaUcacggggugccgaacu..... 1
 Gi3_27991268_x2.....cgucgugggaacacCgggugc..... 1
 Gi5_8776849_x2.....gacgucgugggaacacggggguAccgaacu..... 1
 Gi5_8765189_x2.....ggUgacgucgugggaacacggggugccgaacu..... 1
 Gi5_8816119_x2.....acacggggCgcccgaacuuu..... 1
 Gi5_8743765_x2.....cgugggaacacggggugcU..... 1
 Gi5_8798933_x2.....acgucgugggGacacggggugcc..... 1
 Gi2_10830897_x2....aucggCgacgucgugggaacacggggug..... 1
 Gi2_10885799_x2.....gugggaacacgCggugcc..... 1
 Gi5_8790747_x2.....acgucgugggaacacggggugccgaaA..... 1
 Gi3_28173636_x2....ucgAagacgucgugggaacacggggugcc..... 1
 Gi3_28193946_x2....Caucggagacgucgugggaacacgg..... 1
 Gi3_28139582_x2.....ggagacgucgugggaacacggggugcUga..... 1
 Gi5_8736563_x2....Gggagacgucgugggaacacg..... 1
 Gi1_4108507_x2.....gggaacacggggugccgaUc..... 1
 Gi1_4117087_x2.....gaGcacggggugccgaacuu..... 1
 Gl1a_5928186_x2.....aacacggggGgccgaacu..... 1
 Gi1_4090285_x2.....gaacacggggugccgaacG..... 1
 Gi4_553932_x2.....gaacacggggugccgaacuuucU..... 1
 Gl1a_5968718_x2.....ggaacacggggugccUaacu..... 1
 Gi3_28132614_x2.....acgucgugggaacacggggAgcc..... 1
 Gi2_10855929_x2.....gucgGgggaacacggggugccgaac..... 1
 Gi2_10956119_x2.....cgucgugggaacacggggugcAgaacu..... 1
 Gi3_28214748_x2.....gagacgucgugggaacacggggCgccgaac..... 1
 Gi3_28182160_x2.....ugggaacacCgggugccgaacu..... 1
 Gi3_28099974_x2....gaucggagacgucguggUaacacggg..... 1
 Gl1a_5978494_x2.....gugggaaAacggggugcc..... 1
 Gi2_10923051_x2....gaucggagacgucgugggaacacgggAugc..... 1
 Gi3_28148588_x2.....ggagacgucgugggaGcacggggugccgaac..... 1
 Gi3_28137824_x2.....gucgugggCacacggggugccg..... 1
 Gi2_10942743_x2.....guUgugggaacacggggugccg..... 1
 Gi1_4154213_x2....gcUaucggagacgucgugggaaca..... 1
 Gi3_28097308_x2....aucggagacgucguUggaacacggg..... 1
 Gi5_8757671_x2.....ugggaacacggggCgccgaacuuu..... 1
 Gi1_4147779_x2.....acgucguAggaacacggggugcc..... 1
 Gi1_4142287_x2.....gacgucgugggaacGcggggugccgaacu..... 1
 Gi3_28147552_x2.....aAacgucgugggaacacggggugccga..... 1
 Gi2_10837173_x2....cgaucggagacgucgugggaacacggggCg..... 1
 Gi3_28251202_x2....gaucggGgacgucgugggaaca..... 1
 Gi4_564548_x2.....aacaUggggugccgaacu..... 1
 Gl1a_5972136_x2.....gaGcacggggugccgaacu..... 1
 Gi2_10904759_x2.....Agucgugggaacacggggugccgaac..... 1
 Gi1_4149347_x2.....gugggaacacgggCugccgaacu..... 1

Gi3_28036598_x2.....gugggaacacggggugGcg..... 1
 Gi5_8766979_x2.....cacggggugccAaacuuu..... 1
 Gi1_4123809_x2.....cUucgugggaacacggggugccgaa..... 1
 Gi1_4146363_x2.....gucgugggCacacggggugccgaacu..... 1
 Gi2_10910865_x2.....gacgucguUggaacacggggugcc..... 1
 Gi1_4137763_x2.....cgugggaGcacggggugccga..... 1
 Gi5_8790609_x2....aGcggagacgucgugggaacacggg..... 1
 Gi1_4114083_x2....aucggagaNgucgugggaacacggg..... 1
 Gi1_4143435_x2.....acgucgugggaacacggggCgccg..... 1
 Gi3_28060668_x2....aucggagacgucgAgggaacacgg..... 1
 Gi5_8798731_x2....cAgagacgucgugggaacacggggugccga..... 1
 Gi3_28037512_x2.....gacgucgugggaacaUggggugccgaacu..... 1
 Gi1_4092337_x2.....ggaacacggggugccgaaUu..... 1
 Gi1_4151833_x2.....gagacgucgugggaacCgggggugccga..... 1
 Gi2_10975253_x2.....gGcugcugugggaacacgg..... 1
 G1a_5920188_x2.....gaaGacggggugccgaacu..... 1
 Gi2_10846431_x2..gGgaucggagacgucgugggaacac..... 1
 Gi3_28231532_x2.....gucCugggaacacggggugccgaacu..... 1
 Gi2_10981627_x2.....cggagGcugcugugggaacacggggugc..... 1
 Gi2_10837567_x2....aucggagacgucguAgggaacacggggug..... 1
 Gi2_10969951_x2.....ucgugggaacacggggugccgaC..... 1
 Gi5_8767603_x2.....gUgacgucgugggaacacggggugccgaacu..... 1
 Gi5_8810919_x2.....ggaacacAgggugccgaac..... 1
 Gi5_8723193_x2.....gugggaacacggggCgccgaa..... 1
 Gi1_4099943_x2.....aacGcggggugccgaacu..... 1
 Gi5_8778199_x2.....ggaaUacggggugccgaac..... 1
 Gi3_28143516_x2.....gGcugugggaacacggggug..... 1
 Gi2_10920211_x2.....Uagacgucgugggaacacggggugccga..... 1
 Gi1_4128487_x2.....gugggaacacggggUccgaacu..... 1
 Gi1_4151997_x2.....ugggaacacggggGgccgaac..... 1
 Gi2_10955159_x2.....agacgucgugggaacacAgggugccg..... 1
 G1a_5903870_x2.....gugggaacacggggugccgC..... 1
 Gi5_8799731_x2....gaucggagNcgucgugggaacacg..... 1
 Gi3_28168004_x2....Caucggagacgucgugggaacacg..... 1
 Gi1_4138689_x2.....gaacacgggUugccgaacu..... 1
 Gi3_28128144_x2....ucggagacgucgugggaacaUggggugcc..... 1
 Gi5_8795999_x2.....cgucgugggaacCggggugccga..... 1
 Gi2_10923095_x2....aucggagacgucguggAaacacggg..... 1
 Gi5_8824851_x2.....Ggucgugggaacacggggugccgaa..... 1
 Gi2_10916171_x2.....acUucgugggaacacggggugccgaac..... 1
 Gi3_28209404_x2....ucAgagacgucgugggaacacgggu..... 1
 Gi3_28223854_x2.....Gggagacgucgugggaacacgg..... 1
 Gi2_10893515_x2....gaucggagacAucgugggaacacggg..... 1
 Gi5_8721073_x2.....gugggaacaAgggugccgaac..... 1
 Gi2_10854813_x2....aucggagacgucgugggaacaAgggugcc..... 1
 Gi2_10991397_x2.....cggaCacgucgugggaacacggggugc..... 1
 Gi2_10983201_x2.....Aacgucgugggaacacggggg..... 1

Gi3_28151460_x2.....gaGgucgugggaacacggg..... 1
Gi3_28023560_x2.....ggagacgucgugAgaacacg..... 1
Gi3_28122554_x2.....acgucgugggaacaAggggugccgaacu..... 1
Gi5_8829257_x2.....cgugggaacacgAgggugcc..... 1
Gi2_10917071_x2.....aucggagacguUgugggaacacggggugcc..... 1
Gi2_10972689_x2.....gucgugggaacaAggggugcc..... 1
Gi2_10974105_x2.....cggagacgucgugggaacacggggguAc..... 1
Gi1_4139897_x2.....gagGcgucgugggaacacggggugccg..... 1
Gi2_10912651_x2.....acgucgugUgaacacggggugccgaacu..... 1
G1a_5936878_x2.....gggaacaUggggugccgaacu..... 1
Gi3_28025028_x2.....gagacgucgugggaacGcggggugc..... 1
Gi2_10953413_x2.....gauUggagacgucgugggaacacggg..... 1
Gi2_10898295_x2.....gaucggagacAucguggga..... 1
Gi2_10950739_x2.....gaucggagacgucgugggaacGcggggugc..... 1
Gi4_556458_x2.....cgCcgugggaacacggggugcc..... 1
Gi1_4106965_x2.....cggagGcgucgugggaacacggggugcc..... 1
Gi3_28146406_x2.....gucgugggaacacggggCgcccga..... 1
Gi3_28081868_x2.....cguggAaacacggggugccg..... 1
Gi2_10829419_x2.....auAggagacgucgugggaacacggg..... 1
G1a_5956478_x2.....aacacggggugccgCacu..... 1
Gi2_10936567_x2.....cggagacgucgugggGacacgggggu..... 1
Gi2_10895413_x2.....gggaaAacggggugccga..... 1
Gi3_28221752_x2.....cgucgugggaacUcggggugccgaacu..... 1
Gi1_4138305_x2.....aucggagacgucgugggaacacggggCgcc..... 1
G1a_5973564_x2.....gucgugggaacacggggCgccgaac..... 1
G1a_5973830_x2.....aAcggagacgucgugggaa..... 1
Gi5_8809047_x2.....ucgugggUacacggggugccgaac..... 1
Gi2_10864285_x2.....gucgugggaacCcggggugccg..... 1
Gi2_10954999_x2.....gCucggagacgucgugggaac..... 1
Gi1_4125031_x2.....ggaacacgNggugccgaa..... 1
Gi3_28181346_x2.....gugggaacaGggggugcc..... 1
Gi1_4157721_x2.....ugggaacacggggugccgaaUu..... 1
Gi1_4146415_x2.....gUaacacggggugccgaacuu..... 1
Gi3_28238804_x2.....cgugggaacacggggugcUg..... 1
Gi5_8741033_x2.....Aaucggagacgucgugggaacacggg..... 1
Gi1_4093549_x2.....Augggaacacggggugccgaacuu..... 1
Gi2_10892149_x2.....agacgucgugggaacacggggugcU..... 1
Gi2_10985579_x2.....agacgucgNgggaacacggggug..... 1
Gi2_10846593_x2.....cgugggaaUacggggugccgaa..... 1
Gi3_28089426_x2.....ggagacgucgugggCacacg..... 1
Gi2_10890755_x2.....ucggagacgucgugggCacacgggggu..... 1
G1a_5966480_x2.....gucGgaacacggggugccgaacu..... 1
Gi2_10952575_x2.....ugggaacCcggggugccgaa..... 1
Gi2_10926381_x2.....ugggaacacggggugccgaaGu..... 1
Gi3_27998906_x2.....acgucgugAgaacacggggugccg..... 1
Gi3_28063360_x2.....ucgugggaacacggggGgccgaa..... 1
Gi3_28456851_x1.....uAggagacgucgugggaacacgggggu..... 1

Gi3_28301402_x1.....gagGcgucgugggaacacggggu..... 1
Gi3_28748198_x1.....cggagacgucgCgggaacacggg..... 1
Gi3_28766777_x1.....Cgagacgucgugggaaca..... 1
Gi2_11052448_x1.....cgucgugggaacacggggCgccgaa..... 1
Gi5_8964123_x1.....gggaacacggggugccgaaA..... 1
Gi3_28976737_x1.....gaucggagacgucgucgCggaacacgg..... 1
Gi1_4321434_x1.....ucggagacgucgugggCacacggggugcc..... 1
Gi1_4358604_x1.....cgGgggaacacggggugccgaa..... 1
Gi2_11233788_x1.....cggagacgucguggAaacacggggu..... 1
Gi1_4253439_x1.....gucgugggaacacgCggugccgaaacu..... 1
Gi1_4277685_x1.....agacgucgugggaacacggggugccgCac..... 1
Gi3_28455574_x1.....acguGuggggaacacggggugccgaaac..... 1
Gi2_11016535_x1.....gggaacacggggugcUga..... 1
G1a_6216976_x1.....aucggagacgucgGgggaacacggggu..... 1
Gi3_28669973_x1.....ucUugggaacacggggugccgaa..... 1
Gi3_28638991_x1.....cgucgugggaacGacggggugccgaa..... 1
Gi2_11036049_x1.....gaacacggggugcUgaac..... 1
Gi1_4244569_x1.....ucgugggaacacCgggugccgaaacu..... 1
Gi4_567410_x1.....ucgugggaAacggggugccgaaacu..... 1
Gi2_11149538_x1.....acgucgugggaacacggggugUcgaacu..... 1
Gi1_4162733_x1.....cggagacgucgugggaacacggCgugcc..... 1
G1a_6305847_x1.....Aacgucgugggaacacggg..... 1
Gi2_11051435_x1.....gauAggagacgucgugggaacacggg..... 1
Gi3_28969752_x1.....ggagacguNuggggaacacggggugccgaaac..... 1
Gi5_8847915_x1.....cggagacgucgugggaGcacg..... 1
Gi5_9004006_x1.....cgugggaacacggggugGcga..... 1
Gi1_4221552_x1.....gCagacgucgugggaacacggggu..... 1
Gi3_28761907_x1.....cgugggaacacggCgugccgaa..... 1
Gi2_11407413_x1.....aucggagacgucgucgAggaacacgggg..... 1
Gi1_4257816_x1.....gaucggCgacgucgugggaacac..... 1
Gi3_28846831_x1.....cggauacgucgugggaacacggggugc..... 1
Gi3_28442018_x1.....agacgucgugUgaacacggggugccgaaacu..... 1
G1a_6316795_x1.....aucggagacgucgugggC..... 1
G1a_6319343_x1.....gcgaAcggagacgucgug..... 1
Gi4_614278_x1.....ugggaGcacggggugccgaaacu..... 1
Gi2_11240731_x1.....aucggagUcgucgugggaac..... 1
Gi2_11397058_x1.....cgaucggagacgucgugAgaacacggggu..... 1
Gi1_4246421_x1.....agacgucgugggaGcacggggugccgaaac..... 1
Gi5_8883901_x1.....gucgugggaacacggggugccgCa..... 1
Gi5_8849730_x1.....agaNucgugggaacacggggugccgaaacu..... 1
Gi5_8946142_x1.....gucgugUgaacacggggugccgaaacu..... 1
Gi3_28984984_x1.....aucggagacgucgugggGacacggggugccgaa..... 1
Gi5_8921524_x1.....cggacacgucgugggaacacg..... 1
Gi3_28882310_x1.....gucgugggaacacggggugccAa..... 1
Gi3_28575449_x1.....cgaucggagacgucgugggGacacggggu..... 1
Gi3_28674117_x1.....gagacgCgugggaacacggggugccgaaac..... 1
Gi2_11383108_x1.....gacgAcgugggaacacggggugccgaaacu..... 1

Gi2_11134312_x1.....gucgugggaacacggggugccgG..... 1
Gi3_28402393_x1.....ggagacgCcgugggaacacggggugccg..... 1
Gi2_11194019_x1.....aucggagacgucguggAaacacggggugccg..... 1
Gi2_11262347_x1.....gaaGacggggugccgaacu..... 1
Gi3_28804014_x1.....gagacgucgugggaacacggggugccgGac..... 1
Gi1_4257776_x1.....ucggagacgucgugggaacacA..... 1
Gi1_4258938_x1.....ugggaacacUgggugccgaacu..... 1
Gi4_593420_x1.....cgucgugggaCcacggggugccgaacu..... 1
Gi3_28296976_x1.....cggagacgucgugggUacacg..... 1
Gi3_28917695_x1.....cggagacgucgugggaCcacggggugccgaac..... 1
Gi5_8838093_x1.....Cggaacacggggugccgaa..... 1
Gi3_28763748_x1.....ggagacgucgugggaacacggggCgccgaa..... 1
Gi2_11026490_x1.....cgaucggagacgucgugggaacaAggg..... 1
Gi1_4337151_x1.....ggaacacgNggugccgaacu..... 1
Gi2_11374805_x1.....Cucgugggaacacggggugc..... 1
Gi5_9065118_x1.....ggGgacgucgugggaacacggggugccgaacu..... 1
Gi2_11012139_x1.....acgucgugggGacacggg..... 1
Gi2_11323456_x1.....gagacgucgugggaacacgAggug..... 1
Gi1_4185292_x1.....gugggaUcacggggugcc..... 1
Gi2_11006268_x1.....gaacacggggugUcgaac..... 1
Gi3_28282558_x1.....ggagacgucgugggaaAacgg..... 1
Gi5_8883791_x1.....gucguggAaacacggggugccgaac..... 1
Gi1_4217854_x1.....gaucggGgacgucgugggaacacgggg..... 1
Gi1_4312147_x1.....gugggaGcacggggugccg..... 1
Gi1_4298753_x1.....gagGcgucgugggaacacggggugcc..... 1
Gi5_8940293_x1.....aucggagacgucgugggaacGcggggugcc..... 1
G1a_6083080_x1.....ucggGgacgucgugggaacacgg..... 1
Gi3_28313007_x1.....aucggagacgucgugggaacacggggugccgaacA..... 1
Gi3_28438461_x1.ugcUaucggagacgucguggga..... 1
Gi4_581858_x1.....ugggaacaUggggugccgaacu..... 1
Gi1_4218014_x1.....ugggaaGacggggugccgaacu..... 1
Gi1_4341334_x1.....ugggaacacggggugccAa..... 1
Gi1_4374079_x1.....agacgucgugggaacacggggugAcgaac..... 1
Gi1_4216317_x1.....gagacgucgugggaacacggggugccgGacu..... 1
Gi4_568513_x1.....cgugggaacacggggugcUgaacu..... 1
Gi2_11299570_x1.....ggUgacgucgugggaacac..... 1
Gi2_11019232_x1.....ggagacgucgugggaacacggggCgccgaac..... 1
Gi5_8918457_x1.....acgucgugggaacacAgggugcc..... 1
Gi1_4195716_x1.....agUcgucgugggaacacggggugccgaac..... 1
Gi3_28590680_x1.....cggagacgucgugggaacacAg..... 1
Gi3_28987416_x1.....aucggagacgucgugggCacacggggugc..... 1
Gi5_9115246_x1.....gugggaacacggUgugccga..... 1
Gi2_11092218_x1.....cCgagacgucgugggaacacg..... 1
Gi5_9106089_x1.....gagacgucgugggaGcacggggugccgaac..... 1
Gi3_28840946_x1.....cgUagacgucgugggaacacg..... 1
G1a_6055454_x1.....Aggagacgucgugggaacacgg..... 1
Gi1_4321046_x1.....ucguAggaacacggggugccga..... 1

Gi3_28760111_x1.....ucggagacgucguggAaacac..... 1
Gi1_4163111_x1.....gugggaacacggggugccc..... 1
Gi2_11028080_x1.....gugggCacacggggugcccga..... 1
Gi2_11246975_x1.....gaacacggggugcccUaac..... 1
Gi1_4263292_x1.....cggagacgucgugggaacacAgggugccc..... 1
Gi5_9058148_x1.....ggaacacggggguAccgaac..... 1
G1a_6337559_x1.....acgucgugggaacCcggggugcccgaacu..... 1
Gi2_11377701_x1.....Cagacgucgugggaacacggg..... 1
Gi1_4308706_x1.....gaacacggggugcUgaacuu..... 1
Gi3_28722129_x1.....cgucgugggaacaUggggugccc..... 1
Gi1_4172265_x1.....cgugggaacacggggugcccgaAuu..... 1
Gi2_11320052_x1.....ugggaUcacggggugcccga..... 1
Gi5_9036365_x1.....gucgugggaacacggggugA..... 1
Gi2_11366401_x1.....aucNgagacgucgugggaacacggg..... 1
Gi5_8838128_x1.....gagacgucgCgggaacacg..... 1
Gi2_11278877_x1.....aucggagacAucgugggaacacg..... 1
Gi2_11019129_x1.....cgauccgUgacgucguggga..... 1
Gi1_4193230_x1.....ucgugggaaAacggggugcccgaac..... 1
Gi5_8853628_x1.....gacgucgugggaacacgUggugccc..... 1
Gi2_11154462_x1.....gcgaucggagGcugcugggaacacggggugc..... 1
Gi2_11048027_x1.....ucgugUgaacacggggugcccgaac..... 1
G1a_6340966_x1.....aucggagacgucgugggaacacggggCgc..... 1
Gi3_28886264_x1.....Cgagacgucgugggaacacggggugcccga..... 1
Gi1_4248594_x1.....aucggagacgCgugggaacacggg..... 1
Gi3_28518183_x1.....gcgaucggagacgucgugggaacGcgggg..... 1
Gi5_9054541_x1.....aucggagacgucgCgggaacacggg..... 1
Gi3_28960542_x1.....ucggagacgucgugggaacGcgggg..... 1
Gi1_4253299_x1.....agacgucgugggaaAacggggugcccgaacu..... 1
Gi2_11404387_x1.....cguggAaacacggggugcccga..... 1
Gi5_8988568_x1.uCcgaucggagacgucgug..... 1
Gi1_4202929_x1.....ugggaGcacggggugcccga..... 1
Gi2_11228618_x1.....ucggagacgucguggAaacacgggg..... 1
Gi3_28519114_x1.....cgauccgagacgucAugggaacacggggugc..... 1
Gi5_9059131_x1.....guAggaacacggggugcccgaacuu..... 1
Gi1_4183186_x1.....cgugggaacacggggGgcccga..... 1
Gi2_11303879_x1.....ucggUgacgucgugggaacacggggugc..... 1
Gi1_4354566_x1.....gGucggagacgucgugggaacacgg..... 1
Gi3_28744307_x1.....cgucgugggaacacgggUugcccgaacu..... 1
Gi1_4228142_x1.....aucggagacgucguggAaacacggggugc..... 1
Gi5_8987132_x1.....cgUagacgucgugggaacacg..... 1
Gi1_4251505_x1.....gaacacggggugcGgaacuu..... 1
Gi3_28689043_x1.....gucgugggaacUcggggugcccgaac..... 1
G1a_6350034_x1.....ucggagacNucgugggaacacg..... 1
Gi3_28698580_x1.....ucNugggaacacggggugcccgaac..... 1
Gi1_4363573_x1.....ggaacacggggugcccgaC..... 1
Gi1_4210860_x1.....aucCgagacgucgugggaacacgggg..... 1
Gi3_28961845_x1.....ggagacgucgugggaacacggggguAccgaacu..... 1

Gi3_28265457_x1.....ggNgacgucgugggaacacggggugcc..... 1
Gi2_10993919_x1.....aucgAagacgucgugggaacacg..... 1
Gi3_28750431_x1.....cggGgacgucgugggaacacg..... 1
Gi2_11406260_x1.....aCcgagacgucgugggaac..... 1
Gi3_28763838_x1.....gacgucgGgggaacacggggugccgaac..... 1
Gi1_4365078_x1.....ucggGgacgucgugggaacac..... 1
Gi5_8886489_x1.....gaucggagacgAcgugggaacac..... 1
Gi3_28365029_x1.....gaucggagacgucgugAgaacacgggg..... 1
Gi3_28299078_x1.....gaucggagaUgucgugggaacacggggugcc..... 1
Gi5_9021777_x1.....acgucgugggaacacggggGgccg..... 1
Gi2_11178714_x1..gcgauccgagaUgucgugggaacac..... 1
Gi3_28398885_x1..cgauccgagacgucgugggaacCcggggu..... 1
Gi1_4349748_x1..ugcgauccgagacgucgugggGacacg..... 1
Gi5_9028627_x1.....gaCcgagacgucgugggaacac..... 1
Gi3_28450276_x1.....ggaacacUgggugccgaacu..... 1
Gi2_11228771_x1.....acgucgugggaacacggggugccCaacu..... 1
Gi5_9126299_x1.....uggaacaacggggugAcgaa..... 1
Gi2_11058282_x1.....cggagacgucgugggaacacggGc..... 1
Gi1_4284261_x1.....ucggagacgucgGgggaacacggggugcc..... 1
Gi5_8936831_x1.....Ccgugggaacacggggugccgaac..... 1
Gi3_28613802_x1.....gaucggagacgucgCgggaacac..... 1
Gi2_11226743_x1.....ucgugggaacacggggugccgaG..... 1
Gi3_28892382_x1.....gaucggagacguAguggg..... 1
Gi3_28841672_x1.....gacgucgugggaacacggggAgccg..... 1
Gi5_9021659_x1.....cgugggaacacAgggugc..... 1
Gi2_11230829_x1.....cgGucggagacgucgugggaacacggggug..... 1
Gi3_28755922_x1.....ggaacacggggugccgUa..... 1
Gi2_11030689_x1.....gucgugggaacacggggugccCaac..... 1
Gi3_28276896_x1.....gugggaacacggggUuccgaa..... 1
Gi5_8969411_x1.....gggaUcacggggugccgaacu..... 1
Gi3_28952971_x1.....gucgugggaacaGggggugc..... 1
Gi2_11407500_x1.....gaucggagacUucgugggaacacgggggu..... 1
Gi3_28444159_x1.....gaucggagacgucgugggCacacggggugcc..... 1
Gi3_28885176_x1.....cgauccgCgacgucgugggaacacgg..... 1
Gi2_11174989_x1.....cgucAugggaacacggggugccgaac..... 1
Gi2_11152910_x1.....Nugggaacacggggugccg..... 1
Gi3_28966068_x1.....cgauccgagacgucgugAgaacacggggugc..... 1
Gi2_11127173_x1.....cgugggaacaAggggugccg..... 1
Gi5_9128095_x1.....agacgucgugggaGacggggugccgaacu..... 1
Gi3_28359490_x1.....ggagacgucgugggaacacggA..... 1
G1a_6354956_x1.....cggagacgucgugggaacacggAgu..... 1
Gi1_4367021_x1.....aucggCgacgucgugggaacacgg..... 1
Gi1_4295959_x1.....ggagacgCcgugggaacacgggggu..... 1
Gi4_610214_x1.....ucgugggGacacggggugccgaacu..... 1
Gi2_11219064_x1.....gucguUggaacacggggugcc..... 1
Gi2_11239451_x1.....gucgugggaacacggggugccgaaU..... 1
Gi2_11036928_x1.....ucggagacgucgugggaacaUgggggu..... 1

Gi1_4175660_x1.....Gcgucgugggaacacggggugccga..... 1
G1a_6253053_x1.Ggcgaucggagacgucguggaa..... 1
Gi2_11042777_x1.....uggaacacgggUugccgaacuu..... 1
Gi2_11348646_x1.gcgaucaAgagacgucguggaaca..... 1
Gi3_28803717_x1.....ggagacgucguggaacaacggggCgccgaacu..... 1
Gi1_4228819_x1.....ggagacgucguggCacacggggu..... 1
Gi3_28609466_x1.....cgAcgugggaacacggggugccga..... 1
Gi2_11024026_x1.....cgugggaacacggggugccgaU..... 1
Gi5_9110612_x1.....ucggagUcgucguggaacaacg..... 1
Gi2_11373876_x1.....aucggagacgAcgugggaacacg..... 1
Gi2_11085832_x1.....ucguggaacaacggggCgc..... 1
Gi5_9021273_x1.....gugggaUcacggggugccgaac..... 1
Gi2_11353211_x1.....gauUggagacgucguggaacaac..... 1
Gi3_28939362_x1.....ucguggAaacacggggugc..... 1
Gi3_28352054_x1.....gaucggagacgucguggUacacgggg..... 1
Gi5_8929589_x1.....Uucggagacgucguggaacaacg..... 1
Gi3_28476339_x1.....gaucggagacgucguggaaAacggggugc..... 1
Gi1_4309682_x1.....Ugagacgucguggaacaacg..... 1
Gi2_11060547_x1.....cgucgugAgaacaacggggugccgaac..... 1
Gi1_4251046_x1.....cggagCcgucgugggaacaacggg..... 1
Gi3_28764513_x1.....cgugCgaacaacggggugcc..... 1
Gi2_11226407_x1.....guNggaacaacggggugccga..... 1
Gi3_28363717_x1.....gucgugAgaacaacggggugccga..... 1
Gi2_11263588_x1.....gucgugggaacaacggggugAcga..... 1
G1a_6338310_x1.....cCaucggagacgucgugg..... 1
Gi2_11072299_x1.....gaucggagacgucguggaacaUggggu..... 1
Gi4_614044_x1.....gugggaaAacggggugccga..... 1
Gi3_28376963_x1.....agacgucguggCacacggggugccgaac..... 1
G1a_6330169_x1.....gugggUacacggggugccga..... 1
Gi5_8898412_x1.....uNgugggaacaacggggugccgaacu..... 1
Gi5_8989562_x1.....gugggaacaacggAgugcc..... 1
Gi3_28398226_x1.....gacgucgAgggaacaacggggugccgaac..... 1
G1a_6147158_x1.....aucgUagacgucguggaacaacggggugccgaacu..... 1
Gi5_9035156_x1.....cacggggugccgaGcuuu..... 1
Gi2_11285368_x1.....gaCcgagacgucguggaacaacgggg..... 1
G1a_6008330_x1.....cgGgggaacaacggggugccg..... 1
Gi3_28809779_x1.....gucgugggaacaacggggugccUa..... 1
Gi3_28934296_x1.....agacgucguggCaacaacggggugcc..... 1
Gi5_8915895_x1.....cgugggaacaacggggAgccgaac..... 1
G1a_6261597_x1.....gaucggagacgucAugggaacaacgggggu..... 1
Gi2_11077758_x1.....acgucgugggaacaacgUggugccgaacu..... 1
Gi2_11089832_x1.....aucggagacgucAugggaacaacgggg..... 1
Gi2_11210530_x1.....gacgucGgggaacaacggggugccg..... 1
Gi3_28765612_x1.ugcgaucgNagacgucguggaacaacg..... 1
Gi2_11239154_x1.....cgucguCggaacaacggggugccgaac..... 1
Gi2_11109144_x1.....gaGcgagacgucguggga..... 1
Gi2_11261123_x1.....aucUgagacgucguggaacaacg..... 1

Gi2_11317150_x1.....cgucgugggaacacggUgucgccaacu.....	1
G1a_6321477_x1....aucggagacguUgugggaacacggg.....	1
Gi2_11114207_x1...gUucggagacgucgugggaacacggggugcc.....	1
G1a_6129081_x1....aucggagCcgucgugggaacacggggug.....	1
Gi3_28650155_x1.....gggNacacggggugccga.....	1
Gi3_28947489_x1.....ucggagacgucgugggGacacgg.....	1
Gi2_11152785_x1.....cgugggaacaUggggugcc.....	1
Gi3_28530137_x1.....guUggaacacggggugccgaacu.....	1
Gi1_4316092_x1.....gacgucgugggaacacAgggugccg.....	1
Gi1_4241130_x1.....gacgucgugggaacacggggugccgaaA.....	1
G1a_6103203_x1.....agacgucgugggaacacggggCgccgaac.....	1
Gi2_11109614_x1cugcgauccgagacgucgugggaacacggggug.....	0
Gi2_11318445_x1.....gCagacgucgugggaacacg.....	1
Gi5_8837433_x1....aucgAagacgucgugggaacacg.....	1
Gi1_4257003_x1.....Ugagacgucgugggaacacggggugccga.....	1
Gi3_28668853_x1..gcgauccgagacgCcgugggaacacggggug.....	1
Gi5_8964368_x1.....ugggaacacggggugccgGacuuu.....	1
Gi3_28762103_x1...gaucggagacgucgugggaacacgAggu.....	1
Gi2_11319496_x1.....aacacgggUgccaacu.....	1
Gi2_11261665_x1.....gacgucgugggaacacggggugcA.....	1
Gi3_28293718_x1.....cgNgggaacacggggugc.....	1
Gi2_11236329_x1.....gagacgucgugggaacacggggugA.....	1
Gi3_28798795_x1.....acgucguAggaacacggg.....	1
Gi3_28827987_x1...cgauccgagacgucgugggaacacgggAug.....	1
Gi2_11398198_x1....auAggagacgucgugggaacacgggg.....	1
Gi1_4177961_x1....gugggaaUacggggugccga.....	1
Gi3_28698046_x1..gcgauccggaUacgucgugggaacacggggugcc.....	1
Gi5_9073909_x1.....cguUggaacacggggugccgaac.....	1
Gi2_11126230_x1...gaucggagacgucgAgggaacacgg.....	1
Gi3_28918801_x1...cgauccgagacgucgugggaAacgggg.....	1
Gi3_28631322_x1...cgauccgagaUgucgugggaacacggggugc.....	1
Gi3_28710470_x1.....ggagacgucgugggaUacggggugccgaacu.....	1
Gi1_4277803_x1.....guUggaacacggggugccgaac.....	1
Gi2_11236211_x1.....Ccgugggaacacggggugccgaa.....	1
Gi1_4334723_x1.....Gggagacgucgugggaacacggggugccgaac.....	1
Gi2_11330853_x1.....ggagacgucgugggaacUc.....	1
Gi3_28893236_x1.....Ccgugggaacacggggug.....	1
Gi2_11209537_x1.....agaNucgugggaacacggggugccg.....	1
Gi5_9115802_x1.....gugggaacacggggugccgU.....	1
Gi2_11105072_x1.....ucgugggaNcacggggugc.....	1
Gi2_11344898_x1....aucggagacgucgugGcaacacggggugc.....	1
Gi5_9102765_x1.....acgucgugggaacCcgggugccgaacu.....	1
Gi1_4321912_x1.....ggagacgucgugggaCcacggggugccg.....	1
Gi2_11193491_x1.....gugggaacacggCgugccg.....	1
Gi2_11245553_x1.....gagacgucgugggGacacggggugccgaacu.....	1
Gi5_9105896_x1.....aacacggggUAccgaacu.....	1
G1a_6294058_x1....ucggagacgucgugggaacacgggUugc.....	1

Gi2_11291679_x1.....ggaacacggggugGcgaac..... 1
Gi5_9053840_x1.....guggUaacacggggugccgaa..... 1
Gi2_11368360_x1.....acgucgAgggaacacggggugccgaac..... 1
Gi5_9114621_x1.....gaacacggggugccAaac..... 1
Gi3_28690210_x1.....cgucgugggaacacgCggugccgaacu..... 1
Gi1_4305702_x1.ugcgauccgagacgucgCggga..... 1
Gi2_11349211_x1.....gucgugggaacacggggugcUgaac..... 1
Gi3_28335812_x1.....cguNgugggaacacggggugccga..... 1
Gi3_28301990_x1.....acguGgugggaacacggggugc..... 1
Gi1_4182240_x1.....cgugggaacacAgggugcc..... 1
Gi1_4176686_x1.....ucggagacgucguggGacacgggg..... 1
Gi1_4216602_x1.....ggaacacgggUugccgaacu..... 1
Gi1_4234656_x1.....gacgucgugggaGcacggggugcc..... 1
Gi2_11379850_x1.....gaaNacggggugccgaac..... 1
Gi5_9066133_x1.....acgucguggGacacggggugccg..... 1
Gi1_4210768_x1.....agacgucgugggaacacgAggugccgaacu..... 1
Gi2_11345249_x1.....gCagacgucgugggaacacgggg..... 1
Gi2_11017755_x1.....aucggagacgucgugggaAaac..... 1
Gi3_28928419_x1.....ggagacgucAugggaacacgggg..... 1
Gi5_8885190_x1.....ucgugggaacacggggugccgaaA..... 1
Gi3_28371009_x1.....ggagacgucgugggaacacggggugccgaGcu..... 1
Gi3_28674695_x1.....gaucggagacgucgugggaacCcgggugcc..... 1
Gi2_11009250_x1.....aGcggagacgucgugggaacacggggugccg..... 1
Gi2_11049112_x1.....gaucggagacgucgugggaacacggggugccA..... 1
Gi2_11391509_x1.....cgugggaacacggggAgc..... 1
Gi3_28844504_x1.....cggagacgucgugggaacacggggugcUga..... 1
Gi3_28959289_x1.....gacgucguNggaacacggggugccg..... 1
Gi4_573284_x1.....gugggaacacggggugccgCac..... 1
Gi1_4254808_x1.....ggGgacgucgugggaacacggggugc..... 1
Gl1_6186868_x1..gcgaucggagacgucgugggaacCggg..... 1
Gi2_11292824_x1.....cggagacgucguUggaaca..... 1
Gi2_11089248_x1.....uggUaacacggggugccgaac..... 1
Gi2_11190670_x1.....ucggagacUucgugggaacacggggugc..... 1
Gi2_11266207_x1.....cCugggaacacggggugccg..... 1
Gi3_28418242_x1.....ggagacgucguggaaAa..... 1
Gi2_11120911_x1.....aucggagacgucCgggaacacggggugccgaacu..... 1
Gi2_11165645_x1..cgauccgagaUgucgugggaacac..... 1
Gi3_28899904_x1..cgauccgagacGcgugggaacacggggugc..... 1
Gi5_8930734_x1.....ggaacacgggAugccgaac..... 1
Gi4_594370_x1.....gugggaacaUggggugccgaa..... 1
Gi5_9106071_x1.....ugggaacacggggGgccgaacu..... 1
Gi2_11303226_x1.....ugggaacacggggugccgCa..... 1
Gi3_28789674_x1.....gucgugggaGcacggggug..... 1
Gi3_28870649_x1.....gucGgggaacacgggg..... 1
Gi5_9042409_x1.....cgucgugggaacacggggGgccga..... 1
Gi1_4377175_x1.....ggagaUgucgugggaacacggggugcc..... 1
Gi3_28645519_x1.....acgucgugggaacacgCggugccgaacu..... 1

Gi5_9012986_x1.....aucggagGcgucgugggaacacg.....	1
Gi3_28690423_x1...gaucggagacgucguAggaaca.....	1
Gi3_28339036_x1.....gaacacggggugccCaac.....	1
Gi2_11299500_x1...gaucggagGcgucgugggaacacgggg.....	1
Gi1_4237513_x1.....gucgugUgaacacggggugccgaac.....	1
Gi1_4179185_x1.....cggagacgucguAggaacacgggg.....	1
Gi2_11158578_x1...gauNggagacgucguggga.....	1
Gi3_28381297_x1.....cgucgAgggaacacggggugcc.....	1
Gi2_11198754_x1.....gugggaacacgCggugccgaa.....	1
Gi1_4198504_x1...cgUucggagacgucgugggaacacgggggu.....	1
Gi1_4255536_x1...gaucggagNcgucgugggaacac.....	1
Gi1_4235669_x1.....cAgagacgucgugggaacacggggugc.....	1
Gi5_8988460_x1.....gggaacacggggugccga.....	0
Gi3_28742930_x1....aNcggagacgucgugggaacacg.....	1
G1a_5995102_x1.....gucguAggaacacggggugccgaacu.....	1
Gi5_9063717_x1.....ggAaacacggggugccgaa.....	1
Gi5_9047761_x1.....gacgucgugggaacacgAggugccgaacu.....	1
Gi2_11174564_x1.....cgugggCacacggggugccg.....	1
Gi2_11035292_x1...gaucggagacgucgugggaUca.....	1
Gi3_28457323_x1.....gucgugggaacacggggAgc.....	1
Gi4_591294_x1....aucggagacgucgugggaacacgggg.....	0
Gi3_28936340_x1.....ugggaacacggggugcGga.....	1
Gi2_11386545_x1..gUgaucggagacgucgugggaaca.....	1
Gi1_4249470_x1....aucggagaUgucgugggaacacggggugc.....	1
Gi3_28442290_x1.....gagacgucgugggaCcacgggggu.....	1
Gi1_4307621_x1.....aacacgggguCccgaacu.....	1
Gi1_4377921_x1....ucggagacgucgugggaacacgggguCcc.....	1
G1a_6228342_x1..gcgaGcggagacgucgug.....	1
Gi5_8997585_x1.....gagacgucgugggaacGcggggugcc.....	1
Gi2_11155321_x1.....cggagacgucguAggaacacgggg.....	1
Gi3_28953795_x1.....acgCcgugggaacacggggugc.....	1
Gi2_11399827_x1.....cgucguCggaacacggggugccgaacu.....	1
Gi3_28301455_x1.....ugggaacacCgggugccga.....	1
Gi2_11303807_x1.....cgucgugggaAacggggug.....	1
Gi3_28302717_x1.....cgugggUacacggggugccgaa.....	1
Gi3_28452897_x1.....cggagacgucguggAaacacggg.....	1
Gi1_4360945_x1.....gugggaacacggggAgcc.....	1
Gi3_28454039_x1..cgaucggagaGgucgugg.....	1
Gi4_606299_x1....gggaacGcggggugccgaacu.....	1
Gi3_28904865_x1.....aacacggggugUcgaacuu.....	1
Gi2_11342860_x1....aucggagaUgucgugggaacacg.....	1
Gi2_11119190_x1.....Ugucgugggaacacggggug.....	1
Gi2_11055218_x1.....cggagacgucgugggaacaAggggugcc.....	1
Gi3_28600104_x1...gaucggaAacgucgugggaacacggggugc.....	1
Gi3_28601525_x1.....ggagacgucgugggaacacgggCugcc.....	1
Gi3_28313448_x1.....acgucgugggaacacggggugUcga.....	1
Gi2_11335249_x1....Nucggagacgucgugggaacacggggugc.....	1

Gi2_10994511_x1.....uNgugggaacacggggugccgaacu.....	1
Gi3_28496944_x1.....ucgugggaacacgggguU.....	1
Gi4_593052_x1.....cgucgugggaacGcggggugccga.....	1
Gi5_9000862_x1.....cgugggaacacggggAgccga.....	1
Gi5_9075728_x1.....gagacgucgugggaacac.....	0
Gi4_613587_x1.....aucggagacgucgugggaacacg.....	0
Gi3_28446946_x1.....ucCgagacgucgugggaacacggggu.....	1
G1a_6280664_x1.....aucggagacgucgugggaacacgggAug.....	1
Gi1_4161799_x1.....gugAgaacacggggugcc.....	1
Gi3_28372282_x1.....gacgucgugggaacacggA.....	1
Gi3_28389100_x1.....gacgucguggCaacacggg.....	1
Gi5_9110337_x1.....ucgCgggaacacggggugcc.....	1
Gi2_11035066_x1.....ucggagacgucgCgggaacacggggugccga.....	1
Gi3_28899503_x1.....Cacgucgugggaacacggggugccgaa.....	1
Gi1_4243250_x1.....guggAaacacggggugcc.....	1
Gi5_8840468_x1.....gucgugggaacacUgggugccgaacu.....	1
Gi5_8954413_x1.....aAacgucgugggaacacggggugccgaacu.....	1
G1a_6214333_x1.....cgugggGaacacggggugccgaac.....	1
Gi2_11278921_x1.....gugggaacaAggggugccgaacuu.....	1
Gi3_28859908_x1.....ucggagacgucgugggaacacggggugUc.....	1
Gi3_28513312_x1.....acgucgugggaacacggggugGc.....	1
Gi5_8990613_x1.....aucggagacgucgugggaacaUggggugc.....	1
G1a_6113358_x1.....gaucggagacgucgugggaacCcg.....	1
Gi2_11298417_x1.....gaucggagUcugcugggaacacgggg.....	1
Gi5_8895035_x1.....ggaacacggCgugccgaacu.....	1
G1a_6178501_x1.....aucgCagacgucgugggaacacggg.....	1
Gi2_11056573_x1.....cgucguAggaacacggggug.....	1
Gi2_10994775_x1.....gUgacgucgugggaacacggg.....	1
Gi5_8974345_x1.....ucggagacgucgugggaacacggggCgc.....	1
Gi2_11373772_x1.....aucggagacgucguggUaacacggggugcc.....	1
Gi2_11175619_x1.....gagacguUgugggaacacggggugc.....	1
Gi4_606850_x1.....cgugggaacUcggggugccgaacu.....	1
Gi3_28558724_x1.....aucggagacgucgugggaacacggggugUcga.....	1
G1a_6280823_x1.....Nucggagacgucguggga.....	1
Gi5_8863159_x1.....agacguAgugggaacacggggugccgaac.....	1
G1a_6072823_x1.....gucgugggaacacggggUaccgaacu.....	1
Gi2_11167320_x1.....aucggagacgucgugggaacacgCg.....	1
Gi2_11270234_x1.....Cucggagacgucgugggaacacggggu.....	1
Gi5_8977847_x1.....aucggagacgucguggAaacacgggggu.....	1
Gi2_11253814_x1.....gNgggaacacggggugccgaacu.....	1
Gi5_9030484_x1.....acgucgugggaUcacggggugccgaacu.....	1
Gi2_11313016_x1.....ucggCgacgucgugggaacacg.....	1
Gi5_8844974_x1.....gugggaacaAggggugccgaa.....	1
Gi1_4312408_x1.....acgucgugggaacacggggUaccgaacu.....	1
Gi5_9100563_x1.....acgAcgugggaacacggggugccgaac.....	1
Gi2_10995459_x1.....ucggagacgucgugggGaacacgggg.....	1
Gi3_28436183_x1.....ucgugggaacacggggAgccga.....	1

Gi3_28701466_x1.....Uucggagacgucguggga.....	1
Gi5_9128118_x1.....guGgugggaacacggggugc.....	1
G1a_6037056_x1.ugcgaucggagacguUgug.....	1
Gi3_28854988_x1.....gucguAggaacacggggugccgaa.....	1
Gi2_11271014_x1.....gaCcgagacgucguggga.....	1
Gi3_28346618_x1.....aucggagacguAgugggaacacgg.....	1
Gi5_9112485_x1.....Cggaacacggggugccgaa.....	1
Gi3_28961014_x1.....ggagacgucgugggaacacggggUccgaacu.....	1
Gi1_4352531_x1.....aucggagacgCcgugggaacacggggugc.....	1
Gi2_11272892_x1.....gucguAggaacacgggggu.....	1
Gi5_8869645_x1.....agacguUgugggaacacggggugccgaa.....	1
Gi2_11051990_x1.....ucguCggaacacggggugccg.....	1
Gi3_28890027_x1.....ggagacgucguggCaacacggggugcc.....	1
Gi2_11160046_x1.....gaGcggagacgucgugggaac.....	1
Gi3_28465492_x1.ugUgaucggagacgucgugggaacacggggugcc.....	1
Gi5_9122159_x1.....acgucgugCgaacacggggugccg.....	1
G1a_6140283_x1.....gaacacggggugccgaGc.....	1
G1a_6305844_x1.....ggaacacggggugccgaUc.....	1
Gi2_11143217_x1.gcgauccgNgacgucguggga.....	1
Gi2_11251930_x1...cgauccggagacgucgugggaacacgg.....	0
Gi5_8939669_x1...Uaucggagacgucgugggaacacggggugc.....	1
Gi4_581493_x1.....aUgucgugggaacacggggugccgaacu.....	1
Gi1_4253826_x1.....acgucgugggaUacggggugccgaacu.....	1
Gi1_4298845_x1.....gaacacgggCugccgaacu.....	1
Gi5_9132631_x1.....cgucgugggaacacggggugccgaC.....	1
Gi3_28320894_x1.....cgucguggCaacacgggg.....	1
Gi3_28628842_x1.....aacacUgggugccgaacu.....	1
Gi5_9000891_x1.....acgucCugggaacacggggugccgaacu.....	1
Gi2_11025720_x1.....cgucgugggaacaGggggugccga.....	1
Gi2_11279612_x1...cgauccggagacAucgugg.....	1
Gi2_11120309_x1.....agacgucguAggaacacggggugccg.....	1
Gi3_28351726_x1...gauccggagCcgucgugggaaca.....	1
Gi2_11136483_x1.gcgauccggagacgCcgugggaaca.....	1
Gi2_11298832_x1.....aucggagacgucgugggaacacggggugccgGacu.....	1
Gi1_4176704_x1.....cgucgugggaacaUggggugccgaacu.....	1
Gi3_28984256_x1.gcgGucggagacgucguggga.....	1
Gi2_11039480_x1.gcgauccggagacgucguAggaaca.....	1
G1a_6261013_x1...aGcggagacgucgugggaacacgg.....	1
Gi3_28801094_x1.....ucggagacNucgugggaaca.....	1
G1a_6171207_x1.....Agagacgucgugggaacac.....	1
Gi2_11168655_x1.....gacgucgugggaacacggggUaccga.....	1
Gi2_11174346_x1...cgauccggagaUgucgugggaaca.....	1
Gi3_28736345_x1.....ggagacgucgCgggaacacggggugccg.....	1
Gi1_4158961_x1.....cgucgAgggaacacggggugccgaacu.....	1
Gi2_11370912_x1.....gCcgucgugggaacacggggugc.....	1
G1a_6307046_x1.....cgugggaacacgggAugcc.....	1
Gi3_28629260_x1...gauccggagacgCcgugggaacacggggugc.....	1

Gi1_4372300_x1.....ugggaUcacggggugccga..... 1
Gi3_28564823_x1...cUaucggagacgucgugggaaacacggggugccgaacu..... 1
Gi2_11041503_x1....aucggagacguGgugggaacacgggggu..... 1
Gi5_8919849_x1.....agacgucgugggaaacacggggugccgaaUu..... 1
Gi1_4347727_x1.....agacgucgugggaaacaAggggugcc..... 1
Gi5_8891410_x1.....acgucgugggGcacggggugccg..... 1
Gi2_11163189_x1.....ggagacgucAugggaacac..... 1
Gi3_28857296_x1....aucggagacgucgugggaaUacggggugc..... 1
Gi2_11305029_x1.....ucggagacgucgugggaaUcacgggggu..... 1
Gi1_4361548_x1.....gaacacggNgugccgaac..... 1
Gi2_11045058_x1....aucgCagacgucgugggaaacac..... 1
Gi2_11304191_x1.....cgucgugAgaacacggggugcc..... 1
G1a_6224006_x1.....gucgugggaaacacggggugccgaGcu..... 1
Gi3_28729254_x1...cgaucggagacgucgugggaaacCcgggg..... 1
Gi3_28873993_x1.....cgugggaaacacgCggugccgaa..... 1
Gi2_11407721_x1.....gacgucgugggaaacacggggCgccc..... 1
Gi3_28327131_x1.....gagacgucgugggUacacggggugccg..... 1
Gi2_11192409_x1...cgaucAgagacgucgugggaaacacgggggu..... 1
Gi5_9045058_x1....aucggagacgucgugggaaCca..... 1
Gi3_28902753_x1.....Agagacgucgugggaaacacggggugccgaacu..... 1
Gi2_11190268_x1.....cgugggaaacacgggAugccg..... 1
Gi3_28620541_x1...gauNggagacgucgugggaaacacgggggu..... 1
Gi2_11193779_x1.....gucgugggGacacggggugccga..... 1
Gi3_28400109_x1...gaucggagacgucgugggaaacacggA..... 1
Gi2_11154024_x1....aAcggagacgucgugggaa..... 1
Gi1_4169128_x1.....Gcucgugggaaacacggggugccgaa..... 1
G1a_6227759_x1...cgaucggagaGgucgugg..... 1
G1a_6286273_x1....auGggagacgucgugggaaacacgggggu..... 1
Gi3_28704965_x1.....acgNcgugggaaacacggggugccga..... 1
Gi1_4171303_x1.....gugggaaAacggggugccga..... 1
Gi1_4239688_x1....aucAgagacgucgugggaaacacggggugc..... 1
Gi3_28624244_x1....ucggagacgucgugggaaAacggg..... 1
Gi3_28770002_x1.....cggagacgucgugUgaacacggggugccga..... 1
Gi3_28869705_x1.....cggagacgucgugggUacacggggugccga..... 1
Gi4_595893_x1.....gAgggaacacggggugccgaacu..... 1
Gi1_4260727_x1.....acgucgugggaaacacggggugccA..... 1
G1a_6339461_x1...cgaucggaNacgucgugggaaacacg..... 1
Gi1_4387968_x1.....gagacgucGgggaacacacggggugccgaacu..... 1
Gi3_28642153_x1..gcgaucggagacgucgugggaaacG..... 1
G1a_5988080_x1....aucggagacgucguCggaacacggggug..... 1
Gi5_9099488_x1....aucggagacgucgCgggaacacggggugcc..... 1
Gi5_9126542_x1.....ugggaacacacggggugccgaaGu..... 1
Gi3_28537806_x1.....cggagacgucgugggaaGcac..... 1
Gi3_28624438_x1.....cguGgugggaaacacggggugccgaac..... 1
Gi1_4297950_x1.....ucgugggaaacCggggugccga..... 1
G1a_6188193_x1....auUggagacgucgugggaa..... 1
Gi3_28587914_x1.....ggGgacgucgugggaaacacggggugccg..... 1

Gi2_11022005_x1.....gucgCgggaacacggggugccg..... 1
 Gi1_4354567_x1.....gagacgucguggaacCggggugcc..... 1
 Gi2_10998158_x1.....ucguCggaacacggggugccgaac..... 1
 Gi2_11107572_x1...cgaucggagacgucguAg..... 1
 Gi3_28560837_x1.....acgucguggaacacggggugccAaac..... 1
 Gi5_8949968_x1.....guggaacacggggugccgaGcuu..... 1
 Gi3_28399185_x1.....ucCgagacgucguggaacacggggugcc..... 1
 Gi5_9063834_x1.....aucggagacgucUuggaacacgg..... 1
 G1a_6023786_x1.....cguggaacacgggCugcc..... 1
 Gi3_28613246_x1.....aucggagaGgucguggaac..... 1
 Gi1_4210379_x1.....gacgucguggaacUggggugccgaacu..... 1
 Gi5_9100188_x1.....cCuggaacacggggugc..... 1
 Gi3_28494275_x1.....gacgucguggCacacggggugcc..... 1
 Gi2_11359226_x1.....acgucguggaacacUgggugccgaacu..... 1
 Gi1_4324673_x1.....Cggaacacggggugccgaac..... 1
 Gi1_4178616_x1.....ggagacgucguggaacCggggg..... 1
 Gi3_28466926_x1.....gucguggaacacUggggugcc..... 1
 Gi3_28573965_x1.....guggaacacgggCugcc..... 1
 Gi1_4181193_x1.....guggUaacacggggugccgaac..... 1
 Gi4_603506_x1.....agacgucguggaacacggggGgcc..... 1
 Gi3_28372241_x1...cgaucggagacAucguggaacacg..... 1
 Gi2_11318160_x1.....gucguggUaacacggggugccga..... 1
 Gi2_11159305_x1.....ucggagacgucguggaacac..... 0
 Gi2_11316561_x1..gcgaucgCagacgucgugga..... 1
 Gi3_28953636_x1.....uggaacacggggugccgUa..... 1
 Gi3_28491215_x1...gaucggagacgucguggaacacAgggugcc..... 1
 Gi4_613556_x1.....guggaacacggggCgccgaacu..... 1
 Gi3_28430681_x1..ugcgaucggagacgCcguggaacacggg..... 1
 Gi3_28460633_x1.....cgucguggaacacggAgugccgaa..... 1
 Gi5_9026386_x1.....gacgucguggaacacggggugccgaaA..... 1
 Gi5_8993805_x1.....cAucguggaacacggggugccgaacu..... 1
 Gi2_11392069_x1.....gucguggaacacUggggugccg..... 1
 Gi1_4162081_x1.....ggNacacggggugccgaacu..... 1
 Gi3_28602142_x1.....cggagacgucguggaacacCgggu..... 1
 Gi3_28626393_x1.....ggagacgucguggaacacgggCu..... 1
 Gi5_9117675_x1.....Ugucguggaacacggggugccgaac..... 1
 Gi2_11372141_x1.....ucggagCcgucguggaaca..... 1
 G1a_6142400_x1.....gucguggaacCcgggugccgaacu..... 1
 Gi4_591374_x1.....gaacacggggugccgUacu..... 1
 Gi5_8923156_x1.....ggaacacggggugAcgaac..... 1
 Gi1_4347714_x1.....agacgucUuggaacacgggg..... 1
 Gi2_11272081_x1.....agacgucguggaacacgggg..... 0
 Gi2_11285791_x1.....ggGgacgucguggaacac..... 1
 Gi1_4284769_x1.....gagacgucguggaacacggggGgccgaacu..... 1
 Gi1_4235221_x1.....ggaacacggggugGcgaacu..... 1
 Gi2_11104214_x1.....gacgucguggaacCggggugccgaac..... 1
 Gi4_593319_x1.....uggaacacggggugccgaUcu..... 1

G1a_6086531_x1.....gaacacggggugAcgaacu..... 1
 G1a_6281835_x1....aucggagacgucgugCga..... 1
 Gi3_28503006_x1.....gagacgucguggUaacacggggugcc..... 1
 Gi3_28451417_x1.....cggagacgucgCgggaacacg..... 1
 Gi1_4284375_x1.....gagacgucguggaacaacggggCgcc..... 1
 Gi1_4377717_x1.....gaacacggggugccgCac..... 1
 Gi3_28987088_x1....aucggagaGgucgugggaacacggggg..... 1
 Gi2_11324113_x1.....gacgucguggUaacacggggugccgaacu..... 1
 Gi4_603979_x1.....ucAgagacgucguggaacaacggggugccg..... 1
 Gi5_9065787_x1.....guggaacaacggCgugccgaac..... 1
 Gi3_28851917_x1.....Aagacgucgugggaacac..... 1
 Gi5_9103817_x1.....gagacgucguCggaacacggggugccgaacu..... 1
 Gi1_4253521_x1.....guggaacaacAgggugccga..... 1
 Gi5_8972396_x1.....uggaacaacgggAugccgaacu..... 1
 Gi3_28326972_x1....ucggaAacgucguggaacaacggggugcc..... 1
 Gi1_4182911_x1.....uggaacaacCgggugccg..... 1
 Gi3_28685992_x1.....agacgucguggaacaAggggugcc..... 1
 Gi5_9119231_x1....aucggCgacgucguggaacaacggggg..... 1
 G1a_6054648_x1.....gaacacggggugUcgaacu..... 1
 Gi3_28422833_x1....cgauccgagacgucgugggaacacggA..... 1
 Gi5_9029594_x1.....cgucAugggaacaacggggugccga..... 1
 Gi2_11131470_x1....gUccgagacgucgugggaac..... 1
 Gi2_11262405_x1.....cgucgugggaacaUggggugccg..... 1
 Gi3_28314827_x1.....cgucgugggaacGcggggg..... 1
 G1a_6122554_x1....auNggagacgucguggga..... 1
 Gi2_11019642_x1.....uggaacaacggCgugccga..... 1
 Gi3_28974874_x1....auNggagacgucgugggaacacgggg..... 1
 Gi3_28861563_x1....aucggagacguAgugggaacacgggg..... 1
 Gi2_11183980_x1.....uggaacaacggggugccAaacuu..... 1
 Gi3_28612445_x1.....uNggacaacggggugccgaa..... 1
 G1a_6227138_x1.....ggaacaGggggugccgaacu..... 1
 Gi3_28369533_x1.....cgugggaUacggggugccgaa..... 1
 Gi3_28277327_x1.....ggagacgucgAgggaacacgggg..... 1
 Gi3_28948528_x1.....gucgugggCacacggggugc..... 1
 Gi2_11184580_x1....aucgCagacgucgugggaacacggggg..... 1
 Gi3_28284399_x1.....gucgugggaacacggggA..... 1
 Gi3_28460163_x1cugcgaucUgagacgucg..... 1
 Gi5_8844882_x1.....aGgucgugggaacaacggggugccga..... 1
 Gi2_11326686_x1.....gagacAucgugggaacaacggggugccgaac..... 1
 G1a_6120281_x1....ucggagacgucgAgggaacacgg..... 1
 Gi2_11017046_x1.....acgucgugggaacaacggggugccgG..... 1
 Gi1_4334945_x1.....cgucgugggaacaacggggugccgaacG..... 1
 G1a_6196312_x1....gaucggagacguAguggg..... 1
 Gi1_4379517_x1.....cgugggaacacgCggugccgaa..... 1
 Gi5_9004407_x1.....Nucgugggaacaacggggugccgaacu..... 1
 Gi2_11232290_x1.....guggaacaacgggCugccgaa..... 1
 Gi2_11235612_x1.....cgucgugggaacaacggggugcAgaac..... 1

Gi3_28555284_x1...gaucggagacgucgugggGacacggggugccg..... 1
 Gl1a_6013003_x1...gaucggagacgucgugggGacacgggggu..... 1
 Gl1a_6129432_x1.uUcggaucggagacgucgugggGacac..... 1
 Gi4_585450_x1.....gugggGacacggggugccCaa..... 1
 Gi3_28474406_x1.....ggagacgucgugggGacacgggAgugccGaa..... 1
 Gi2_11296848_x1.....ucggGgagacgucgugggGacacggggugccGaa..... 1
 Gi5_8970834_x1.....aucggagacgCcgugggGacacgggg..... 1
 Gi3_28282921_x1.....ggagacgucgCggGacacggggugccGaa..... 1
 Gl1a_6239939_x1.....ggagacgucgCggGacac..... 1
 Gl1a_6087919_x1.....ucUgagacgucgugggGacacgggg..... 1
 Gl1a_6249423_x1.....cgugggGacacggggGgcc..... 1
 Gi3_28452059_x1.....aucggagacgucgugggGacacgUgg..... 1
 Gi2_11048757_x1.....cAucgugggGacacggggugccGaa..... 1
 Gl1a_6063260_x1.....ugggGacacggggugccCaa..... 1
 Gi3_28850112_x1.....agacguUgugggGacacggggugcc..... 1
 Gi3_28878021_x1.....acgucgugggGacacggggCgcccGaa..... 1
 Gi3_28519045_x1.....gacgucgugggGacacggggugccAaac..... 1
 Gl1_4344238_x1.....gucgugggGacacggggugcc..... 1
 Gl1_4346547_x1.....aNcagggggugccGaa..... 1
 Gi2_10996622_x1.....acAucgugggGacacgggg..... 1
 Gi4_607109_x1.....aacacggggCgcccGaa..... 1
 Gi4_594598_x1.....cAucgugggGacacggggugccGaa..... 1
 Gi5_8947473_x1.....gugggGacacCggggugccGaa..... 1
 Gi3_28401243_x1.....ggUgagacgucgugggGacacggggugccGaa..... 1
 Gi3_28671047_x1.....cggaucggagacgucgCgg..... 1
 Gi2_11188468_x1.....Caucggagacgucguggg..... 1
 Gi2_11158027_x1.....NggaacacggggugccGaa..... 1
 Gi2_11296746_x1.....ggagacgucAugggGacacggggugccGaa..... 1
 Gi5_8851618_x1.ugcgauccggCgagcucguggg..... 1
 Gi3_28731951_x1.....cgugggGacacggggugcAg..... 1
 Gi3_28364915_x1.....ucggagUcgucgugggGacacg..... 1
 Gi2_11104901_x1.....ggGacacggggugccGUac..... 1
 Gi2_11051332_x1...gUcgagacgucgugggGacacggggug..... 1
 Gi5_8914105_x1...gaucggagacgucgugggGacacgggggu..... 1
 Gi2_11114585_x1.....cgucgugggGacacGcgggg..... 1
 Gi4_613763_x1.....cgagacgucgugggGacacgggggu..... 0
 Gi5_9012929_x1.....gacgGcgugggGacacggggugccGaa..... 1
 Gi3_28571767_x1.....gacgucgugggGacacggggugccA..... 1
 Gl1_4367622_x1.....ucgugggGacacggggAgcc..... 1
 Gi2_11028325_x1.....gacgucgugggGaaUacggggugccGaa..... 1
 Gi5_9031246_x1...gaucggagacgucgugggGaaAacgg..... 1
 Gi3_28426457_x1.....agUcgucgugggGacacgggg..... 1
 Gi3_28607986_x1.....ggGacacgggCugccGaa..... 1
 Gi5_8833249_x1.....agacgucgugggGacacggggugcAgaacu..... 1
 Gi2_11099548_x1.....ggGacacggggUccGaa..... 1
 Gi3_28507297_x1.....ggagacgucgugggGacacggggugcAg..... 1
 Gi5_8903733_x1.....ggGacacggggugGcGaa..... 1

Gi5_8965801_x1.....aucggagacgucgugAgaacacg.....	1
Gi4_597154_x1.....Nugggaacacggggugccgaacu.....	1
Gi1_4362612_x1.....ugggaacacggggugccgaC.....	1
Gi5_8992399_x1.....cggagacgucgAgggaacacggggugcc.....	1
Gi3_28599540_x1.....gaucggCgacgucguggggaacacggggugcc.....	1
Gi2_11360876_x1.....aucggagacgucguCggaacacgggggu.....	1
Gi1a_6111553_x1.....aucggagacgucgAgggaacac.....	1
Gi5_8835117_x1.....cgugggaacacggggugUcga.....	1
Gi2_11382090_x1.....ucguAggaacacggggugccgaa.....	1
Gi5_8941019_x1.....gagacAucgugggaacacggggugccgaacu.....	1
Gi1_4213114_x1.....aucggagacgucgugggGacacg.....	1
Gi3_28316678_x1.....aucggagacgucgugggaacaUgggg.....	1
Gi1_4276778_x1.....cgucgugggGacacggggugcc.....	1
Gi2_11339040_x1.....aucggagacgucgugggaacacggggguAccga.....	1
Gi2_11208892_x1.....gAcgugggaacacggggugccgaac.....	1
Gi5_9134122_x1.....gggaaAacggggugccgaac.....	1
Gi3_28541296_x1.....gucgugggaacacggggCugccgaac.....	1
Gi1a_6160371_x1.....cggagacgucgugggaacacggggGg.....	1
Gi3_28365802_x1.....cgNagacgucgugggaacacggg.....	1
Gi1_4243984_x1.....ucgugggaacacggCgugc.....	1
Gi5_8861773_x1.....cguAgugggaacacggggugc.....	1
Gi4_609071_x1.....gCgggaacacggggugccgaa.....	1
Gi1_4389983_x1.....uCggaacacggggugccgaac.....	1
Gi4_594957_x1.....ggUaacacggggugccgaacu.....	1
Gi1a_6188484_x1.....cgaucggGgacgucgugg.....	1
Gi1_4308042_x1.....gugggaUacggggugccgaacuu.....	1
Gi2_11063626_x1.....gagacgucgugggaacacggggugccgaacA.....	1
Gi2_11352400_x1.....ggagacgucgugggaacacgg.....	0
Gi3_28705546_x1.....gacgucgugggaacacAgggugccg.....	1
Gi2_11393531_x1.....agacgucgugggaacacggggguAccg.....	1
Gi3_28574005_x1..gGgaucggagacgucgugggaacacggggugcc.....	1
Gi2_11184009_x1.....agacgucgugggaacacggggugccA.....	1
Gi1_4306040_x1.....acgucgugggUacacggggugccg.....	1
Gi1_4277707_x1.....gacgucgugggaacacggggugccgaaGu.....	1
Gi1a_6353456_x1.....gagacgucgugggaacCgggggugccgaacu.....	1
Gi3_28497246_x1.....ucggagacgucgugggCacacggggugccgaacu.....	1
Gi2_11293822_x1.....aucggagUcugcugugggaacacggggugcc.....	1
Gi5_9009504_x1.....gugggaacacggggugccAaacuuu.....	1
Gi5_9119523_x1.....acgucgugggaacGcggggugccg.....	1
Gi1_4311416_x1.....Cggagacgucgugggaacacggggugc.....	1
Gi2_11263006_x1.....ucggagGcgucgugggaacacgggggu.....	1
Gi4_602801_x1.....gugggGacacggggugccgaa.....	1
Gi1_4283632_x1.....gugggUacacggggugccgaa.....	1
Gi3_28327253_x1..cgaucggagacgucgugggaacacggggGgc.....	1
Gi2_11108648_x1.....ugggaaAacggggugccg.....	1
Gi3_28677495_x1.....cgugggaacacgggUugccgaac.....	1
Gi3_28654984_x1.....Cagacgucgugggaacacggggugcc.....	1

Gi5_8861451_x1	.....gaucggagacgucgugggaac	0
Gi2_11093274_x1	.....gucgugggUacacggggugc	1
Gi2_11052770_x1	.....ggagacgucAugggaacacggggugc	1
Gi2_11332576_x1	.....cgugggaacacggggGgcc	1
Gi1_4190714_x1	.....aucggagacgucUugggaacacg	1
Gi1_4334606_x1	.....auUggagacgucgugggaacac	1
Gi3_28496450_x1	.....ucggagacgucguAggaacacg	1
Gi2_11266200_x1	.....cggagacgucgugggaacacggggAgc	1
Gi5_9016641_x1	.....gugggaacacgAggugccgaacu	1
Gi1_4166431_x1	.....acgucgugggaacacggggugccgaaA	1
Gi3_28457155_x1	.....agacgucgugggaacacggAgugccgaac	1
Gi2_11306787_x1	.....guNgugggaacacggggugccgaacu	1
Gi1_4209235_x1	.....gggaacacggggugccgaU	1
Gi3_28951107_x1	.....gaGcggagacgucgugggaacacg	1
Gi1_4250914_x1	.....gagacgucgugggaacacggggAgccgaacu	1
Gi3_28437187_x1	.....ggagGcgucgugggaacacggggugccg	1
Gi2_11086847_x1	.....cgucgugggaacacggggugcGgaac	1
Gi2_11322121_x1	.....gacgucgugggaacacggggugU	1
Gi3_28846454_x1	.....Uggagacgucgugggaacac	1
Gi2_11319461_x1	.....ucgugggaacacggggugGcgaac	1
Gi2_11362225_x1	.....gGgaucggagacgucgugggaaca	1
Gi5_9079270_x1	.....gcgccugcuAcccaccuucgccgaguucg	1
Gi1_4171750_x1	.....gaacacgggAugccgaacu	1
Gi2_11227396_x1	.....ugggaacacggggugccgaaAuu	1
Gi3_28800214_x1	.....ucggagacgucgugggaUcagc	1
Gi1_4188484_x1	.....ucgNgggaacacggggugccgaac	1
Gi2_11000973_x1	.....cgugggaacacggCgugccga	1
Gi5_8898557_x1	.....agacgucAugggaacacggggugccgaacu	1
Gi3_28535604_x1	.....gcgaucAgagacgucguggga	1
Gi1_4365450_x1	.....gCgaacacggggugccgaac	1
Gi1_4313346_x1	.....ugggaacacAgggugccgaa	1
Gi5_8903105_x1	.....agacgucgugggaacacggggugccgaCcu	1
Gi5_8896638_x1	.....cggagacgucgugggaacacAgggugccga	1
Gi3_28664626_x1	.....Ngugggaacacggggugcc	1
Gi3_28358830_x1	.....acgucgugggaacacggggugccCaac	1
Gi2_11257083_x1	.....ucggagacgucgugggaacCcgggg	1
Gi1_4159719_x1	.....Ccgugggaacacggggugccgaacu	1
Gi1_4176967_x1	.....cgugggaacaAgggugccgaacu	1
Gi5_8865464_x1	.....Ggucgugggaacacggggugccgaacu	1
Gi2_11022390_x1	.....cgucgugggaGcacgggg	1
Gi5_8961587_x1	.....gaucggagacgucgAgggaacacgg	1
Gi1_4262596_x1	.....gugggaacaUggggugccga	1
Gi4_592287_x1	.....ggUacacggggugccgaac	1
Gi2_11219382_x1	.....cgaucUgagacgucguggga	1
Gi5_9099013_x1	.....aacacggggCgccgaacu	1
Gi5_8925292_x1	.....agacgucGgggaacacggggugcc	1
Gi2_11207748_x1	.....acgucgugggaacacggggugccAaac	1

Gi3_28566894_x1.....guggaacacgggguUcc..... 1
Gi2_11211176_x1....aucggagacguAguggaac..... 1
Gi3_28288612_x1.....gucguggAaacacggggugcc..... 1
G1a_6192155_x1....aucggagacgucguAggaacacgg..... 1
Gi3_28650630_x1.....gucguggaacacggggugccgaaAuu..... 1
Gi5_8900987_x1.....Ugucguggaacacggggugc..... 1
G1l_4199651_x1.....ucguAggaacacggggugc..... 1
Gi2_11403068_x1.....cggagacAucguggaacacggggugc..... 1
Gi2_11171666_x1.....gucgugggNacacggggugc..... 1
Gi5_9127786_x1.....acgucguggaacacgggAugccgaaacu..... 1
Gi5_9054377_x1.....gacgucguAggaacacggggugccgaaacu..... 1
G1l_4294549_x1.....gAgggaacacggggugcc..... 1
G1l_4296635_x1.....ggagacgucgugggGacacggggugccgaaacu..... 1
Gi2_11287943_x1.....ucggagacgucguggaacGcg..... 1
Gi2_11290378_x1.....Ugucguggaacacggggugccgaa..... 1
G1l_4221530_x1.....cguggaacacggggugccgaUcuu..... 1
Gi2_11332785_x1.....ucggagacgucguggaacacgAggu..... 1
G1a_6262369_x1....aucggagacguAguggaacacg..... 1
Gi3_28511219_x1.....uggaacacggUgugccga..... 1
Gi2_11027353_x1.....uUguggaacacggggugccgaa..... 1
G1l_4267097_x1.....gacgucguNggaacacggggugccgaa..... 1
Gi5_9130544_x1.....acgucguggaacacggggugcAg..... 1
G1a_6079701_x1....ucggagacgucgugCgaacacgg..... 1
G1a_6303357_x1.....ggaacacggggugccgaaUu..... 1
Gi2_11225268_x1.....cggagacgucgCgggaacacggggugc..... 1
G1l_4259484_x1....Naucggagacgucgugg..... 1
Gi2_11302484_x1....aucggagacgucUuggaacacg..... 1
Gi5_8886784_x1....aucggagacgucguggaacacggggCgcc..... 1
Gi3_28505328_x1....cgaucggagacguUguggaacacg..... 1
Gi3_28710754_x1.....guCggaacacggggugcc..... 1
G1a_6105247_x1.ugcgaucggagUcgucgu..... 1
Gi2_11184770_x1.....cUgagacgucguggaacacggggugccgaaacu..... 1
Gi2_11160656_x1.....cCgagacgucguggaacacggggugcc..... 1
Gi3_28646314_x1....gaucggagacgucguCggaacacgggg..... 1
Gi4_608645_x1.....acgucguggaacacggggugcAgaacu..... 1
Gi2_11305820_x1.ugcgaucggagacgucAugggaacac..... 1
Gi5_9071436_x1....aucggGgacgucguggaacacgg..... 1
Gi5_9089283_x1.....cguggaacacggggugccgUacuu..... 1
Gi3_28547721_x1....gaucggagacgucguggaacUggggu..... 1
Gi3_28395349_x1....aucggagacgucguUggaacacggggugcc..... 1
G1l_4213625_x1....Uaucggagacgucguggaacacg..... 1
Gi2_11060232_x1.....cguggaacUcggggugccgaa..... 1
Gi3_28309083_x1....ucggagacgucguAggaacacggggugc..... 1
Gi2_11331791_x1..Acgaucggagacgucguggaac..... 1
Gi4_608543_x1.....cgugggGcaccggggugccgaaacu..... 1
Gi3_28488260_x1.....ucguggaacacggggugccgaG..... 1
Gi2_11006347_x1....cggagacgucguggaacacggggugccgaGc..... 1

Gi1_4330232_x1	uggNaacacggggugccga	1
G1a_6339257_x1	gaacacggAgugccgaac	1
Gi4_595022_x1	Uugggaacacggggugccg	1
Gi2_11164912_x1	cgucguggNaacacggggugccga	1
Gi3_28667676_x1	cgucgugggaacacggggugccgaG	1
Gi3_28481728_x1	gucgugggaaAacggggugccg	1
Gi2_11363373_x1	ugggaacacggggugccgaacuuu	0
Gi3_28940316_x1	gNaacacggggugccgaacu	1
Gi3_28529192_x1	acgucAugggaacacggggugc	1
Gi2_11099273_x1	gagUcgucgugggaacacggggugcc	1
Gi3_28819830_x1	ucggagacgucgugggGacac	1
Gi3_28373076_x1	agacgucguggCaacacggggugccgaacu	1
Gi3_28489445_x1	cgugCgaacacggggugccg	1
Gi3_28349692_x1	aucNgagacgucguggga	1
Gi2_11351213_x1	Gcggagacgucgugggaacacggggugccgaacu	1
Gi2_11332818_x1	gaucggagacgucgugggUacacg	1
Gi1_4344800_x1	gggaCcacggggugccgaacu	1
Gi2_11383505_x1	gGucggagacgucgugggaacacgg	1
Gi3_28539230_x1	cgucguggUaacacggggugcc	1
Gi3_28432417_x1	gucgugggaacacggggugccUaac	1
Gi3_28597425_x1	acgucgugggaacacggggugccgC	1
Gi2_10995722_x1	aucggagacgucgugggC	1
Gi2_11388664_x1	ugggaacacggggugccC	1
Gi5_9114184_x1	ucgugggaacacggggugccgaGu	1
Gi4_588879_x1	aucggagacgucgugggaacacgg	0
Gi1_4262054_x1	aucggagacgucgugggaacacggggugccg	0
Gi4_612920_x1	cgucgCgggaacacggggugccgaacu	1
Gi3_28326445_x1	gcgaucggagacgucgugggGac	1
Gi2_11104245_x1	ucggagacgucgugggaacacAgggg	1
G1a_6332582_x1	cggagacgNcgugggaacacgg	1
Gi1_4240760_x1	gCcggugggaacacggggugc	1
Gi3_28519736_x1	cgaAcggagacgucgugggaacacggggugcc	1
G1a_6174908_x1	gGcgcgucgugggaacacggggugccgaacu	1
Gi3_28636436_x1	gggaacUcggggugccgaa	1
Gi2_11315056_x1	aucggaAacgucgugggaacacgg	1
Gi5_8905663_x1	aucggagacgucgugggaacaUg	1
Gi3_28719816_x1	acgucgugggaacacggggugAcg	1
Gi2_11284172_x1	cgugggaacacgAggugccgaa	1
G1a_6123919_x1	ggagacgucAugggaacacggggugcc	1
Gi1_4243808_x1	gaucggCgacgucgugggaacacg	1
Gi1_4235862_x1	cgaucggagacgucgugAgaacacggggugc	1
Gi1_4377533_x1	Uucggagacgucgugggaacacggggugcc	1
Gi3_28279921_x1	gaacacCgggugccgaac	1
Gi2_11316579_x1	cguggUaacacggggugccgaa	1
G1a_6276652_x1	Cugggaacacggggugccga	1
Gi5_8934022_x1	cNucgugggaacacggggugccgaacu	1
Gi1_4186063_x1	agacgucgugggaacacgggUugccgaacu	1

Gi1a_6242302_x1	.....gaucggagacgucgugCgaacacggggu	.....	1
Gi1_4252213_x1	.....aucggagacgucguggaCcacggggu	.....	1
Gi3_28285986_x1	.....ucgugggGacacggggugccga	.....	1
Gi1_4313108_x1	.....ggagaUgucgugggaacacggggugccgaa	.....	1
Gi3_28721702_x1	.....Aaucggagacgucguggaacacggggugc	.....	1
Gi2_11315309_x1	.....cgucgugggaacacggggugGcgaacu	.....	1
Gi3_28748831_x1	.....gauNggagacgucguggaacacgg	.....	1
Gi1_4168137_x1	.....ucgugggaacacggggugccC	.....	1
Gi1_4236847_x1	..gcgaucggagacgucguggaacacgg	.....	0
Gi1_4173540_x1	.....acgucgCgggaacacgggg	.....	1
Gi5_8847081_x1	.....aucggagacgucguggaacacAgggugcc	.....	1
Gi2_11030075_x1	..cgauCAgagacgucguggaacacggggug	.....	1
Gi3_28563076_x1	.....gaucggagacgucguggUacacggggugc	.....	1
Gi1a_5993826_x1	.....Cucggagacgucgugga	.....	1
Gi2_11280481_x1	.....cggagacgucguggCacacggggugc	.....	1
Gi1a_6246463_x1	.....gaucggagacgucguggaacacAggg	.....	1
Gi3_28520225_x1	.....cggagacgucguggaacacgCg	.....	1
Gi2_11207526_x1	.....aacacggggUccgaacu	.....	1
Gi3_28638901_x1	.....cggagacgucguggaacCggggugccgaacu	.....	1
Gi3_28292654_x1	.....cgugggaacacggggugccgaU	.....	1
Gi2_11269507_x1	.....ucggagaUgucguggaacacggggugc	.....	1
Gi3_28611430_x1	..gcgaucggNgacgucguggaaca	.....	1
Gi5_8830864_x1	.....aucggUgacgucguggaacacgg	.....	1
Gi1a_6302010_x1	.....aucggagacgucguggUa	.....	1
Gi2_11135581_x1	.....gucguggaGcacggggugcc	.....	1
Gi2_11190543_x1	.....gaacacggggUccgaac	.....	1
Gi1_4217413_x1	.....uGggagacgucguggaacacg	.....	1
Gi3_28287834_x1	.....Ggacgucguggaacacggggugccga	.....	1
Gi3_28295471_x1	.....ucguggaacacggggugcGgaa	.....	1
Gi3_28443476_x1	.....ucguggCaacacggggugccgaac	.....	1
Gi2_11215260_x1	.....gaucggagacgAcguggaacac	.....	1
Gi2_11313238_x1	.....gacgucguggaacacggAgu	.....	1
Gi2_11021657_x1	.....ggagGcgucguggaacacggggugccgaacu	.....	1
Gi2_11400506_x1	.....aucggagacgucguggaacacggggCgccg	.....	1
Gi2_11131858_x1	.....guggaacacggggugccgaacuuu	.....	0
Gi2_11121382_x1	.....Nucggagacgucguggaacac	.....	1
Gi3_28486721_x1	.....gacgucguggaacacgAggu	.....	1
Gi2_11138332_x1	.....ucguggaUcacggggugccg	.....	1
Gi2_11361272_x1	.....gagacgucguggCaacacggggugccg	.....	1
Gi4_577034_x1	.....uCggaacacggggugccgaacu	.....	1
Gi3_28700959_x1	.....gucguggaCcacggggugcc	.....	1
Gi3_28768269_x1	..gcgaucggagCcgucguggaacacggg	.....	1
Gi5_8851294_x1	.....agacAucguggaacacggggugc	.....	1
Gi1a_6309359_x1	.....ggUgacgucguggaacacggggugc	.....	1
Gi3_28421987_x1	.....ggaacaUggggugccgaa	.....	1
Gi3_28520791_x1	.....gacgCcguggaacacgggg	.....	1
Gi3_28424450_x1	.....aucggagacgucguggaacac	.....	1

Gi5_9116610_x1.....gugggaacacgggCugccgaac..... 1
 Gi4_582188_x1.....cgucguggAaacacggggugccgaacu..... 1
 Gi3_28277829_x1.....ucggagCcgucgugggaacacgggggu..... 1
 Gi1_4302833_x1.....ggagacgucgugggaCcacggggugcc..... 1
 Gi2_11284162_x1.....aucggagacgucgugUgaacac..... 1
 Gi3_28291438_x1.....ucggagacgucgugggaaAacgggggu..... 1
 Gi1_4192915_x1.....acgucgugggaacacggggugccgaacAu..... 1
 Gi3_28554867_x1.....aucggagacgucgAgggaacacggggugc..... 1
 Gi3_28478293_x1.....acgucgAgggaacacggggugccgaac..... 1
 Gi5_8978110_x1.....Ccgagacgucgugggaacacggggugc..... 1
 Gi2_11252218_x1.....aucggagacgucgugggaacacgUggugc..... 1
 Gi5_9070564_x1.....cCugggaacacggggugcc..... 1
 Gi5_8877379_x1.....cgucgugAgaacacggggugccgaac..... 1
 Gi1_4363673_x1.....aucggagacgucgugggCacacg..... 1
 Gi1_4220646_x1.....cgucguUggaacacggggugccgaacu..... 1
 Gi2_11400935_x1.....gaucggagacgucgugggCacacggggugcc..... 1
 Gi5_8849632_x1.....agacgCcgugggaacacgggggu..... 1
 Gi1_4305764_x1.....Ggucgugggaacacggggugccg..... 1
 Gi2_11009426_x1.....uggNaacacggggugccga..... 1
 Gi3_28588148_x1.....gucgugggaacacggCgugccgaacu..... 1
 Gi2_11200928_x1.....aAacgucgugggaacacggggugccgaac..... 1
 Gi2_11073122_x1.....gacguUgugggaacacggggugccgaacu..... 1
 Gi3_28494686_x1.....acgucgugggaCcacggggugccga..... 1
 Gi2_11232949_x1.....agacgucgugggaacacggUgugcc..... 1
 Gi1_4357204_x1.....cgugggaUcacggggugccgaacu..... 1
 Gi3_28888607_x1.....aucggagacguUgugggaacacgggg..... 1
 Gi2_11077724_x1.....ugggaaUacggggugccg..... 1
 Gi2_11027849_x1.....gaucggagacgucguggUaacacggggug..... 1
 Gi2_11082683_x1.....cggagacgucgugggUaacacggggugcc..... 1
 Gi3_28454411_x1.....cgauUggagacgucgugg..... 1
 Gi3_28279255_x1..gcgaucggagacgucgugggaacacggggCg..... 1
 Gi3_28387432_x1.....Ngaacacggggugccgaa..... 1
 Gl1a_6141618_x1.....gugggaGcacggggugccg..... 1
 Gi5_9105805_x1..ugcgauccgagacgucgugg..... 0
 Gl1a_6241761_x1..ugcgauccgagGcgucgug..... 1
 Gi2_11374229_x1.....gauNggagacgucgugggaacacgggggu..... 1
 Gi3_28604531_x1.....agacgucguUggaacacggggugccgaa..... 1
 Gi2_11295142_x1.....gaucggagacgucgugggaacacggggugcU..... 1
 Gi5_8877721_x1.....gagacgucgugggaacacggggugUcgaacu..... 1
 Gi3_28873776_x1cugcgauccgagacgucgugggaacacggggugcc..... 0
 Gi2_11350851_x1.....cggagacgAcgugggaacacgggg..... 1
 Gi2_11299864_x1.....gacgucgugggaacacggAgugc..... 1
 Gi3_28699517_x1.....gggaacUcggggugccgaac..... 1
 Gi5_9027741_x1.....cgugggaacacgggAugcc..... 1
 Gi2_11022979_x1.....acgucgugggaacacggUgugccgaacu..... 1
 Gi2_11243474_x1.....agacgucgugggaacacggggguAcc..... 1
 Gi1_4193166_x1.....guUggaacacggggugccga..... 1

Gi3_28919192_x1.....acgucgugggaacacggggugccUaac..... 1
 Gi4_586926_x1.....gugggaCcacggggugccga..... 1
 Gi3_28569282_x1.....aacacggggugccgaaAuu..... 1
 Gi3_28632582_x1.....aGucgugggaacacggggugccg..... 1
 Gi5_9093292_x1.....gugggaacacggggugccUaa..... 1
 Gi3_28507296_x1.ugcgauccgagacgucgugggGacacg..... 1
 Gi3_28285221_x1.....aucggagacgucgugggaacacggggugcG..... 1
 Gi1_4239348_x1.....ugggaUcacggggugccg..... 1
 Gi3_28889951_x1.....guCggaacacggggugccga..... 1
 Gi3_28512206_x1.....ggagacgucgugggaGca..... 1
 Gl1a_6038099_x1.....gggaacacgUggugccgaacu..... 1
 Gi2_11273812_x1.....cgucgugggaacacgggA..... 1
 Gi1_4195548_x1.....cgggaCacgucgugggaacacggggugc..... 1
 Gi5_8956715_x1.....Nugggaacacggggugccgaac..... 1
 Gl1a_6325276_x1.ugcgauccgagCcgucgug..... 1
 Gi3_28394609_x1.....agacgucgugggaacacggUgugcc..... 1
 Gi1_4252520_x1.....gacgucgugggCacacggggugccgaacu..... 1
 Gi2_11038868_x1.....cgauccgagGcgucgugggaacacgggggu..... 1
 Gl1a_6159069_x1.....gugggaacacgggUugccgaacu..... 1
 Gi1_4372224_x1.....Ggacgucgugggaacacggggugccg..... 1
 Gi1_4280795_x1.....gucgugggaacacggggAgccgaacu..... 1
 Gi1_4357935_x1.....gGgacgucgugggaacacgggggu..... 1
 Gi2_11304930_x1.....ugggCacacggggugccga..... 1
 Gi3_28589088_x1.....ucgugggaacacggggugUcgaa..... 1
 Gi1_4187439_x1.....acgucgugggaacacggggugUcgaa..... 1
 Gl1a_6359687_x1.....ucggagacgCcgugggaacacggg..... 1
 Gi2_11102839_x1.gcgauccgagacgucgugggaacaAggggugc..... 1
 Gi2_11153955_x1.....gacgucgugggaacacggCgugccgaac..... 1
 Gi1_4166878_x1...gaucggagacgucgugggaCcaccg..... 1
 Gi4_568415_x1.....Uagacgucgugggaacacggggugccgaacu..... 1
 Gi3_28275871_x1.....cggNgacgucgugggaacacgggggu..... 1
 Gi2_11067626_x1.....gggaacacggggugccCaac..... 1
 Gi5_8917688_x1.....gugggaacacggggugcUgaacuu..... 1
 Gi3_28972920_x1.....acguAgugggaacacggggugcc..... 1
 Gi3_28956126_x1...gaucggaAacgucgugggaacacgggg..... 1
 Gi3_28470055_x1.....aucggagacguAgugggaacacggggugc..... 1
 Gi5_8900742_x1.....Ncgucgugggaacacggggugccgaacu..... 1
 Gi5_8994116_x1.....aucAgagacgucgugggaacacggggugc..... 1
 Gi5_9118913_x1.....cgucgugggaAacggggugcc..... 1
 Gl1a_6317876_x1.....ggagacguAgugggaacacg..... 1
 Gi3_28757660_x1.....cgugggaacacggggugcGga..... 1
 Gi3_28372447_x1...gaucUgagacgucguggga..... 1
 Gi5_9057226_x1.....acgucgugggaacaAgggggugccgaacu..... 1
 Gi5_8924870_x1.....gugggaacacgggCugccga..... 1
 Gi5_8975097_x1.....acgucguUggaacacggggugccgaacu..... 1
 Gi3_28695107_x1.ugcgauccgagacgucgugggCacacgggggu..... 1
 Gi5_8998906_x1.....gAcgugggaacacggggugccgaac..... 1

Gi1_4235064_x1.....gugggaacacggggugcUgaac..... 1
 Gi1_4188117_x1.....ucggagacguUgugggaacacggggugcc..... 1
 Gi2_11013683_x1...cgauccgagacgucguggggaacacggggAgc..... 1
 Gi5_9028438_x1.....cgugggaacacggggugccgCacuu..... 1
 Gi2_11102292_x1..gcgaucggagacgucguAggaacacgg..... 1
 Gi3_28327229_x1...gaucggagacgCcgugggaacacggggug..... 1
 Gi3_28871711_x1.....gagacgucguAggaacac..... 1
 Gi2_11340793_x1..ugcgauccgagUcgucgugggaacacg..... 1
 Gi2_11115008_x1.....gucgugggUacacggggugccga..... 1
 Gi5_9051358_x1.....gaacacggggGgccgaac..... 1
 Gi5_8915090_x1.....cgugggaUacacggggugccg..... 1
 Gi2_11072428_x1.....ugggaacaUggggugccg..... 1
 Gi2_11261753_x1....aucggagacgucguggUaacacg..... 1
 Gi3_28322465_x1....aucggaAacgucgugggaacacggggugc..... 1
 Gl1a_6337510_x1.....gggaacacAgggugccgaac..... 1
 Gl1a_6098345_x1....aucgAagacgucgugggaacacggggg..... 1
 Gi3_28933056_x1.....cgugggUacacggggugccg..... 1
 Gi3_28321809_x1..ugcgauccgagacgucgugggaacacgggA..... 1
 Gi2_11287247_x1..gcgaucggagacgucgugggaaUacggg..... 1
 Gi5_8862829_x1.....gugUgaacacggggugccgaac..... 1
 Gi2_11403106_x1...gaucggagacgucgugggaacUc..... 1
 Gi3_28436940_x1.....gacgucgugggaacCcgggugccg..... 1
 Gi2_11164118_x1....auGggagacgucgugggaa..... 1
 Gi4_575506_x1.....cgucgugggaacacggAgugccga..... 1
 Gi5_8963786_x1.....agacgucgugggaacGcggggugccga..... 1
 Gi5_8926046_x1.....gacgucgGgggaacacggggugccgaacu..... 1
 Gi3_28889438_x1....aucggagaUgucgugggaacacggggugcc..... 1
 Gi2_11096489_x1.....cggagacgucgugggaacacgggCugc..... 1
 Gi2_11151208_x1.....cggagacgNcgugggaacacg..... 1
 Gi5_9111872_x1.....gugggaacacggggugccAaa..... 1
 Gi2_11176115_x1.....ugggaacaAggggugccg..... 1
 Gi2_11197600_x1.....Nacacggggugccgaacu..... 1
 Gi3_28854697_x1.....gacgucguNgggaacacgg..... 1
 Gi2_11206647_x1.....gagacgucgugggaacGcggg..... 1
 Gi5_8861866_x1.....gucgugggaacacggggugccgaaA..... 1
 Gi1_4238347_x1.....agacgucgugggaCcacggggugccg..... 1
 Gi3_28408678_x1.....cgucgugggaacacgggCugcc..... 1
 Gi2_11142536_x1....ucggagacgucgugggaacaUggggugc..... 1
 Gi3_28550786_x1.....gacgGcgugggaacacggg..... 1
 Gi1_4347431_x1.....gugggaacacggggUaccgaacu..... 1
 Gi3_28943300_x1.....gacgucgugggaacacggggugUcgaac..... 1
 Gl1a_6124993_x1.....ggagacgucgugggaacacggggg..... 0
 Gi3_28853315_x1...gaucggagaUgucgugggaacacggg..... 1
 Gi3_28640612_x1.....cggagacgucgugggGacacgggg..... 1
 Gl1a_6291836_x1.....aCcacggggugccgaacu..... 1
 Gi2_11279997_x1..gcgaucggGgacgucguggga..... 1
 Gi5_9125680_x1.....gucgugggaCcacggggugccgaacu..... 1

Gi1_4200153_x1.....ucgugggaUcacggggugccgaac.....	1
Gi2_11068086_x1.....acgucgugggaacacgggCugccgaac.....	1
Gi1_4215512_x1.....agacgucgugggGacacggggug.....	1
G1a_6162733_x1.....Cggaacacggggugccgaac.....	1
Gi2_11050927_x1....gCucggagacgucguggga.....	1
Gi2_11392425_x1.....aucggagacgucgugggaacacU.....	1
G1a_5999763_x1.....cgugggaacacggggugAcgaacu.....	1
Gi2_10999484_x1....gaucggagacgucguUggaacacggggu.....	1
Gi1_4313177_x1.....gaacaGggggugccgaacu.....	1
Gi2_11113674_x1.....ucgNgggaacacggggugccgaac.....	1
Gi1_4325307_x1.....agacgucgugggaacacggggugccgaaA.....	1
G1a_6268366_x1.ugcgauUggagacgucgug.....	1
Gi2_11200595_x1.....Ncgucgugggaacacggggugccgaacu.....	1
Gi1_4245823_x1.....agacgucgugggaacacggggugccgaa.....	0
Gi2_11007236_x1.....gggaacacgggAugccgaac.....	1
Gi2_11178569_x1.....gGcgucgugggaacacggg.....	1
Gi3_28925187_x1.....gagacgucNugggaacacggggugccga.....	1
Gi5_8899164_x1....cgaucggagacgucgugggaGcacggg.....	1
Gi3_28900061_x1.gcgaucggagacgCcgug.....	1
Gi3_28508231_x1.gcgaucggagacgucgugggaacacggggG.....	1
Gi5_8861350_x1.....agacgucgugggaacacAgggugccgaac.....	1
Gi3_28867015_x1.....ucggagacgAcgugggaacacggg.....	1
Gi2_11179540_x1....Nucggagacgucgugggaacacggggug.....	1
Gi5_8947631_x1.....gucgugggaGacggggugccgaacu.....	1
Gi3_28814753_x1....aucggUgacgucgugggaacacggggugc.....	1
Gi2_11176806_x1.....ggCacacggggugccgaac.....	1
G1a_6108115_x1....aucggagacAucgugggaacacggggug.....	1
Gi3_28607222_x1....aucgAagacgucgugggaacac.....	1
Gi2_11042809_x1....gaucggagacgCcgugggaaca.....	1
Gi1_4288307_x1....cggagacgucgugggaacacggggGgcc.....	1
Gi2_11381741_x1.....gagacgucgugggaacacggggGgccgaac.....	1
Gi2_11007020_x1....cggagacgucgugggaacacggggugccgaUc.....	1
Gi3_28297220_x1.gcgaucggagacgucgugggaacacgAgggugccga.....	1
Gi3_28274293_x1.....ucgugggUacacggggugc.....	1
Gi2_11250589_x1....aucggagacgCcgugggaacacgg.....	1
Gi1_4173651_x1.....gaacacggggAgccgaacuu.....	1
Gi1_4291028_x1.....cguNgugggaacacggggugcc.....	1
Gi3_28701609_x1.....cgugggaacacggggguCc.....	1
Gi2_11062559_x1.gcgaucggagCcgucgugggaacacggg.....	1
Gi5_9083417_x1....gaucggagacgucgugggaGcacggg.....	1
Gi2_11232856_x1.gcgaucAgagacgucgugggaacacggggugc.....	1
Gi3_28837504_x1....acgucgugggaacacggggugccgaaU.....	1
Gi3_28696400_x1....ucggagacgucgugggCacacggg.....	1
G1a_6298679_x1.....Agugggaacacggggugccg.....	1
Gi2_11128417_x1....gaucggagacgucgugggaacaAgg.....	1
Gi2_11026220_x1.....gucgugAgaacacggggugccgaac.....	1
Gi5_8977006_x1.....gagGcgucgugggaacacg.....	1

Gi3_28769205_x1.ugcgauccgagacgucgugggaaacGcggg.....	1
Gi3_28921192_x1.....agacgucgugggaaacacggggugccAaac.....	1
Gi2_11309602_x1.....cguNggaacacggggugccga.....	1
Gi3_28935847_x1.....ggagacgucgugggaaacacggggugccgaa.....	1
Gi3_28960192_x1.Ggcgauccgagacgucgugggaaacacg.....	1
G1a_6180792_x1.....aucggagCcgucgugggaaacacg.....	1
Gi3_28571796_x1.....cggagacgucgugggaaacacggggugcG.....	1
G1a_6198196_x1.....gggaacacggggugcAgaac.....	1
Gi2_11038292_x1.....cgugggaaacacggggugccg.....	1
Gi5_9128761_x1...gaCcgagacgucgugggaaacacggg.....	1
G1a_6159318_x1...cCaucggagacgucgugggaa.....	1
Gi3_28822818_x1...cgauccgagacgucgugggaaacacggggugc.....	1
Gi1_4348980_x1...ucggagacgAcgugggaaacacg.....	1
Gi2_11267513_x1.....gucgugggaaacacggggGgccga.....	1
Gi1_4292905_x1...aucggagacgucguAggaacacggggugc.....	1
Gi2_11173199_x1.....cgNcgugggaaacacggggugccg.....	1
Gi5_8883571_x1.....cgNcgugggaaacacggggugccgaacu.....	1
Gi1_4287461_x1.....agacgucgugggaaacacggggugccgaaUu.....	1
Gi1_4202635_x1.....gggaacacUgggugccgaacu.....	1
Gi3_28610871_x1...cgauccgagacgGcguggg.....	1
Gi3_28262342_x1.....acgucgugggaaacacggUgugccgaac.....	1
G1a_5991861_x1.....gGcgugggaaacacggggugcc.....	1
Gi3_28939792_x1...gauccgagacgucgugggaaacacgggCu.....	1
Gi2_11381544_x1...gauccgagacgucgugggCacacgg.....	1
G1a_6068387_x1.....cggagacgucgugggaaacacgg.....	1
Gi2_11251484_x1...uUggagacgucgugggaaacacggggugc.....	1
Gi1_4277911_x1.....gacgucgugggaaacacggggugc.....	0
Gi2_11075590_x1...aucUgagacgucgugggaaaca.....	1
Gi2_11139117_x1...Acgugggaaacacggggugccg.....	1
Gi2_11013809_x1...gauccgagacgucgugggaaacacggCgugc.....	1
Gi2_11142574_x1.....ggaacacggggugccgaacuA.....	1
Gi2_10997053_x1.....uggaaacacggggUcCcg.....	1
Gi1_4182935_x1...gauccgagacgucgugggaaacCc.....	1
Gi3_28309053_x1...aucggagacgucgugggaaacacgggAugc.....	1
Gi2_11005273_x1.....UcgucgugggaaacacggggU.....	1
Gi5_9116677_x1...ggGgacgucgugggaaacacggggugccgaac.....	1
Gi5_9021477_x1.Ggcgauccgagacgucgugggaaacacg.....	1
Gi2_11352353_x1.....agacgucgugggaaacacggggUcc.....	1
Gi2_10995911_x1.....gggaacaGgggugccgaa.....	1
Gi2_11394419_x1.....gggCacacggggugccgaac.....	1
Gi5_8835778_x1...gagacgucguggUaacacggggugccgaacu.....	1
Gi1_4181743_x1.....gaacacAgggugccgaacuu.....	1
G1a_6086624_x1...cgauccgagacgucgugggaaacacg.....	1
Gi1_4346728_x1.ugcgauccggGgacgucgug.....	1
Gi4_610818_x1.....agacgucAuggaaacacggggugccgaacu.....	1
G1a_6031269_x1.....cgucgugggaaacCcgggugccgaacu.....	1
Gi1_4188349_x1.....gagacgucgugggaaacacAgggugcc.....	1

Gi2_11378385_x1.....ucgGgggaacacggggugcc..... 1
Gi2_11312041_x1....gaucggagacguGgugggaacacggggugc..... 1
Gi4_590231_x1.....gGcgugggaacacggggugccgaacu..... 1
Gi4_605228_x1.....gugggaacGcggggugccgaa..... 1
Gi2_11264992_x1.....aucGgagacgucgugggaaca..... 1
Gi5_9076818_x1.....ucggagacgucgugggaacaUggggugc..... 1
Gi3_28378470_x1.....Nggagacgucgugggaacacggg..... 1
Gi1_4261111_x1.....acgucgugggaGcacggggugccga..... 1
Gi5_8998997_x1....aucggagacgucgugggaacacAg..... 1
Gi5_9054952_x1.....cgGcgugggaacacggggugccga..... 1
Gi2_11089528_x1.....gggaacCcggggugccgaa..... 1
Gi3_28982243_x1.....cggGgacgucgugggaacacggggug..... 1
Gi2_11335833_x1....aucggagacgucgugggaacacggggguUccgaacu..... 1
Gi5_8944234_x1.....gagGcgucgugggaacacggggugccgaacu..... 1
Gi2_11161038_x1....aucggagacgucUugggaac..... 1
Gi3_28460484_x1.....cgugggaacUcggggugccgaa..... 1
Gi5_9094003_x1.....cggagacgucgugggaacCcggggugccga..... 1
Gi1_4252993_x1.....acgucgugggaacacggggugcAga..... 1
G1a_5990979_x1.....aacacAggggugccgaacu..... 1
Gi1_4378242_x1.....gugggaacacggAgugccg..... 1
Gi3_28839003_x1.....cggagacgucgGgggaacacg..... 1
Gi5_8992811_x1.....cgugggaacacggggugUcgaac..... 1
Gi3_28386931_x1.....gaNacgucgugggaacacggggugccgaacu..... 1
Gi3_28689443_x1.....ucguUggaacacggggugccga..... 1
Gi1_4211794_x1.....agaUgucgugggaacacggggugccga..... 1
Gi1_4376732_x1.....gggaacacggggugcAgaacuu..... 1
Gi2_11197036_x1....aucggagacguAgugggaacacgggggu..... 1
Gi3_28819728_x1.....gagacgucgugggaacGc..... 1
Gi1_4365164_x1....ucggagacgucgugggaacGacggg..... 1
Gi1_4181116_x1....gcgaucggGgacgucgugggaaca..... 1
Gi5_8875773_x1.....gugggaacCcggggugccg..... 1
Gi5_8967342_x1.....cgugggaacacggggugAcg..... 1
G1a_6071132_x1....Cucggagacgucgugggaacacgggggu..... 1
Gi2_11056555_x1.....cgugggaacacggggguCccgaac..... 1
Gi2_11336074_x1.....ggUgacgucgugggaacacggggugccgaac..... 1
Gi3_28410113_x1.....gugAgaacacggggugccgaacuuu..... 1
Gi3_28330403_x1....gaucggagacgucgugAgaacac..... 1
G1a_6059670_x1.....gugUgaacacggggugccgaacu..... 1
Gi1_4220597_x1.....gacgucgAgggaacacggggugc..... 1
Gi2_11260498_x1.....acAucgugggaacacggggugc..... 1
Gi2_11379003_x1.....ggagacgucgugggCacacggggugc..... 1
G1a_6121645_x1.....gGcgucgugggaacacgggggu..... 1
Gi3_28987557_x1.....gagacgucAugggaacacggggugccgaac..... 1
Gi2_11132058_x1.....gugggaacacggggguCcc..... 1
Gi5_9091390_x1.....acgucguggAaacacggggugccgaac..... 1
Gi3_28407636_x1....ucAgagacgucgugggaacacg..... 1
Gi3_28931522_x1.....ggagacgucgGgggaacacggggugcc..... 1

Gi3_28331782_x1.....cgagacgucgugggaacGcg.....	1
Gi2_11122132_x1.....ugggaacacUgggugccga.....	1
Gi1_4185255_x1.....Agugggaacacggggugccg.....	1
Gi2_11295679_x1.....Cacgucgugggaacacggg.....	1
Gi5_9061967_x1.....cgugggaacGcggggugccg.....	1
Gi5_9048542_x1....aucggagacgucguggCaacacggggugcc.....	1
Gi2_11217758_x1....gaucggagacgucgugggaacacgAggugcc.....	1
Gi3_28940733_x1....gaucAgagacgucgugggaacacgggg.....	1
Gi2_11117813_x1....gaucggagacgucgugggaacacggggguCcc.....	1
Gi3_28457283_x1.....gggNacacggggugccgaa.....	1
Gi1_4287996_x1.....gNgggaacacggggugccgaacu.....	1
Gi1_4228476_x1.....gucgugggaacacggggguA.....	1
G1a_6051036_x1.....gugggaacacggggugAcg.....	1
Gi3_28696960_x1.....ggaacCcggggugccgaa.....	1
Gi5_8943983_x1.....gggaUcacggggugccgaa.....	1
Gi3_28869089_x1.....guUggaacacggggugccgaacuuu.....	1
Gi1_4232884_x1.....gucguAggaacacggggugcc.....	1
Gi2_11001701_x1....aucggagacgucgugggaacGacggggugc.....	1
Gi4_583576_x1.....Gcgugggaacacggggugccgaac.....	1
Gi1_4351102_x1.....cggaUacgucgugggaacacggggugccgaac.....	1
Gi2_11237307_x1....gaucggagCcgucgugggaaca.....	1
Gi1_4196769_x1.....gggGacacggggugccgaacuu.....	1
Gi5_8882536_x1....aucggagaNgucgugggaaca.....	1
G1a_6304011_x1....aGcggagacgucgugggaacacggggugccga.....	1
Gi5_9118162_x1....gaucgAagacgucgugggaacacg.....	1
G1a_6146313_x1....cgaucgUagacgucgugg.....	1
Gi2_11001833_x1.....acgucgugggaacacggggugcG.....	1
G1a_6126336_x1.....gugggaacacggggguUccgaacu.....	1
Gi3_28895345_x1.....gagacgucgugggaacUcggggugcc.....	1
Gi3_28742442_x1....cgaucggagacgucgugA.....	1
Gi3_28265323_x1.....cgGcgugggaacacgggggu.....	1
Gi5_8900244_x1....aCcggagacgucgugggaacacgggggu.....	1
Gi5_8918103_x1.....cgucgugAgaacacggggugcc.....	1
Gi5_8961250_x1.....ugggaCcacggggugccgaa.....	1
Gi2_11375522_x1.....aGgucgugggaacacggggugccg.....	1
Gi2_11237102_x1.....gucgugggaacacggggugccCa.....	1
Gi1_4168152_x1.....gacgucgugggaacacgggggu.....	0
Gi3_28585302_x1....gcgaucggagacgucgugggGacacgggg.....	1
Gi2_11048233_x1.....gaAgucgugggaacacggggugccgaac.....	1
Gi5_9119474_x1.....gaacaAggggugccgaac.....	1
Gi3_28768448_x1.....agacgAcgugggaacacggggugccgaac.....	1
G1a_5987187_x1....aucggagacgucgugggaacacAgggug.....	1
Gi3_28669637_x1....cggagacgucgugggaacacggggGg.....	1
Gi3_28473154_x1....cgauAggagacgucgugggaacacgggggu.....	1
Gi1_4338118_x1.....agacgucgugggaacacggggugc.....	0
Gi1_4193349_x1.....ucgugggaacacggggguCccgaacu.....	1
Gi2_11110621_x1.....gacgucgugAgaacacggggugccga.....	1

Gl1a_6164039_x1.....ucggagacgucAugggaacacgg....._x1.....	1
Gl1a_6296990_x1.....cgugggGacacggggugc.....	1
Gi2_11396629_x1.....aucggCgacgucgugggaaac.....	1
Gl1a_6290246_x1..gcgaucggGgacgucgugggaaacacggg.....	1
Gi2_11242019_x1.....ggagacgucgCgggaacacggggugccgaac.....	1
Gi2_11056980_x1.....ucggagacgucgugggaaUacggggugcc.....	1
Gi2_11172414_x1.....gagacgucgugggaaacacggggugUc.....	1
Gi2_11382992_x1.....aucggagacguAgugggaacacggggug.....	1
Gi1_4222727_x1.....gagacgucgugggaaacaUggggugccgaacu.....	1
Gi2_11301538_x1.....ggaacacgggCugccgaa.....	1
Gi3_28481112_x1.....gaaAacggggugccgaac.....	1
Gl1a_6084434_x1.....uGggagacgucgugggaaacacggggugc.....	1
Gl1a_6264093_x1...gaucggagacgucgugggGacacg.....	1
Gi2_11133419_x1.....cgugggaacaUggggugccg.....	1
Gi3_28487504_x1.....gagGcgucgugggaaacacggggugccg.....	1
Gi3_28975229_x1.....acCucgugggaaacacggggugccgaac.....	1
Gi2_11095427_x1.....cggagacgucgugggaaacacggggGgccgaacu.....	1
Gl1a_6051906_x1.....aucggagacgucgugggaaCcacggggug.....	1
Gi3_28301576_x1.....gucgCgggaacacggggugcc.....	1
Gi2_11015461_x1.....cggagacguUgugggaaca.....	1
Gi5_9012895_x1.....cgAcgugggaaacacggggugccgaac.....	1
Gi3_28526175_x1.....gucgugggaaacacggAgugcc.....	1
Gi2_11129670_x1.....aucggagacgCcgugggaaacacggg.....	1
Gi1_4286711_x1.....gggaacacggggugccUaacu.....	1
Gi3_28334282_x1.....gacgucgugggaaacacAgggugc.....	1
Gi1_4217674_x1.....gagacgucgugggaaacacggggugcU.....	1
Gi5_8876109_x1..ugcgaucggGgacgucgug.....	1
Gi3_28850893_x1.....aucggagacgucCugggaacacgg.....	1
Gi2_11259521_x1.....Ugaacacggggugccgaacuu.....	1
Gi1_4326970_x1.....gagacgucgugggaaacacggggug.....	0
Gi2_11057831_x1.....ucggagacgucgugggaaacacgg.....	0
Gi1_4378019_x1.....gagacgucgugggaaacacgCggugccg.....	1
Gi3_28635145_x1.....gucgugggaaacacggggugccgUaacuu.....	1
Gi3_28865295_x1.....cgugggaacaGggggugc.....	1
Gi5_9025564_x1.....gggaacacggggCgccgaa.....	1
Gi1_4250548_x1.....gaacacggggugGcgaacuu.....	1
Gi5_9057325_x1.....acgucgugggaaacacUgggugccgaacu.....	1
Gi1_4304043_x1.....Cgaacacggggugccgaa.....	1
Gi1_4348859_x1.....gggaacCcgggugccgaac.....	1
Gi2_11185418_x1.....aucggagacgucUugggaacacggggug.....	1
Gi1_4226840_x1.....ggagGcgucgugggaaacacggggugccg.....	1
Gi1_4226235_x1.....uUggaacacggggugccgaa.....	1
Gl1a_6241347_x1.....guggAaacacggggugccg.....	1
Gi3_28457274_x1.....gaacacgAggugccgaacuu.....	1
Gi4_593541_x1.....cguggCaacacggggugccgaacu.....	1
Gi2_11020009_x1.....cggagacgCcgugggaaacac.....	1
Gi2_11065678_x1.....gugggaacacggggugcUgaacuu.....	1

Gi5_9069336_x1.....ucgugggGacacggggugcc..... 1
 Gi2_11033193_x1.....aucggagacgucCugggaacacggggugc..... 1
 Gi2_11294509_x1.....gucgugggaacacggggguAc..... 1
 Gi1_4238529_x1.....cgugggaacacggggugccgCacuu..... 1
 Gi2_11146999_x1.....gUucggagacgucgugggaacacgg..... 1
 Gi2_11373208_x1.....gacgucgugggaacacgC..... 1
 Gi2_11252952_x1.....gaucggagacAucgugggaac..... 1
 Gi5_8966854_x1.....aacNcggggugccgaacuuu..... 1
 G1a_6061372_x1.....ucggagacgucgugggaacacggggCgc..... 1
 Gi1_4286372_x1.....cgugggaGcacggggugccgaacuu..... 1
 G1a_6122067_x1.....cgucgugggaacacggggguAccgaacu..... 1
 Gi3_28849907_x1.....ucggagGcgucgugggaacacgg..... 1
 Gi2_11403852_x1.....gaucggagacgucgugggaUcacgggggu..... 1
 Gi3_28625773_x1.....cgugggaacacggggguCccgaac..... 1
 Gi1_4349828_x1.....cgucgugggaacGcggggugccgaac..... 1
 Gi5_8967059_x1.....cgucgugggaGcacggggugcc..... 1
 Gi5_8843316_x1.....acacAgggugccgaacuuu..... 1
 Gi2_11069416_x1.....gucgugggaacacggggugccgaUcu..... 1
 Gi3_28472869_x1.....ucggaAacgucgugggaaca..... 1
 G1a_6154179_x1.....gugggaacUcggggugccgaac..... 1
 Gi5_9041173_x1.....agacgucgugggaacacCggggugccgaacu..... 1
 G1a_6163377_x1.....gugggaaAacggggugccgaac..... 1
 G1a_6206525_x1.....ugggaacUcggggugccgaacu..... 1
 Gi1_4321838_x1.....cggagacgucguggAaacacggggugcc..... 1
 Gi5_9005713_x1.....gagacgucgugggaacacAgggugccgaacu..... 1
 Gi3_28470486_x1.....gaucggagacgucgugggaacacggUgugcc..... 1
 Gi3_28483657_x1.....agacgucgugggaacacUgggugccga..... 1
 Gi2_11027971_x1.....acuuuccagcgccugcugcccacc..... 0
 Gi1_4300241_x1.....acgucgugggaacacgggAugccgaa..... 1
 G1a_6008833_x1.....gucgGgggaacacggggugccga..... 1
 Gi3_28927071_x1.....Cacgucgugggaacacgg..... 1
 Gi2_11016155_x1.....ucggagacgucgugggaacCcg..... 1
 Gi3_28970905_x1.....cggagacgucgCgggaacacggggugccg..... 1
 Gi2_11319104_x1.....gugggaacacUgggugccga..... 1
 Gi3_28385669_x1.....ucggagacgucgugCgaacacgg..... 1
 Gi3_28902659_x1.....cgucguggCaacacggggugcc..... 1
 Gi2_11154056_x1.....gucgugggaUcacggggugccga..... 1
 Gi2_11125314_x1.....cgucgugggaacacggggugAcgaacu..... 1
 Gi1_4184081_x1.....ggagacgucgGgggaacacggggugcc..... 1
 Gi1_4348430_x1.....Ngugggaacacggggugccgaa..... 1
 Gi3_28748348_x1.....ggagacgucgugggaCcacg..... 1
 Gi1_4356747_x1.....Ccgauccgagacgucgugggaaca..... 1
 Gi1_4247466_x1.....ucggagacgucgugggaacaU..... 1
 Gi2_11250710_x1.....gaucggagacgCcgugggaaca..... 1
 Gi2_11188389_x1.....acgucgugggaacCcggggu..... 1
 Gi5_9070842_x1.....ugggaacacggAgugccgaacuuu..... 1
 Gi5_8873257_x1.....gUcugcugggaacacggggugccg..... 1

Gi1_4354671_x1.....agUcgcgucgugggaacacggg..... 1
Gi1_4304487_x1.....cggaAacgcucgugggaacacggggugccgaacu..... 1
Gi3_28380441_x1.....acacAgggugccgaacu..... 1
Gi3_28777758_x1.....ggagacAucgugggaacacg..... 1
Gi5_9131723_x1.....cguCggaacacggggugccgaacu..... 1
Gi2_11259100_x1.....aucggagacgucAugggaacacggggugc..... 1
Gi3_28650059_x1...cgaucggagacgucgugCg..... 1
G1a_6178871_x1.....gucgGgggaacacggggugcc..... 1
Gi2_11103436_x1.....ucggagacgCcgugggaacacggggugc..... 1
Gi3_28704902_x1.....agacgucgugggaacacggggugGc..... 1
Gi2_11251211_x1...cgaucggagacgucgugAgaacacggggugc..... 1
Gi2_11008785_x1....aucNgagacgucgugggaacac..... 1
Gi5_9092483_x1...gaucggagacgucgugggGacacgg..... 1
Gi3_28607416_x1....aucggagacgucgugggaacacgggCugcc..... 1
Gi1_4366079_x1.....Ugacgucgugggaacacggg..... 1
Gi2_11051097_x1...cgaucggagacgucgugggaacacggggGgc..... 1
Gi2_11248684_x1.....cgugggaacacgggCgugccgaac..... 1
Gi2_11144471_x1....gauGggagacgucgugggaaca..... 1
Gi1_4160998_x1.....cgugggaacacggCgugccgaacu..... 1
Gi3_28781955_x1.....cggagGcgcgugggaacacggggug..... 1
Gi3_28619928_x1....aucggagacgucgugggaacGcggggugccgaacu..... 1
Gi2_11234688_x1.....agacgucgugggaacacggggugAcgaacu..... 1
Gi1_4160358_x1.....ucgugggaacacggggugccCaacu..... 1
Gi5_8885329_x1....aucggagacgucgugggaacacCgg..... 1
Gi2_11034061_x1....aucggagacgucgugggaGacg..... 1
Gi2_11136317_x1.....gucgugggaacacggggugAcgaac..... 1
Gi1_4377845_x1.....ggaacCcggggugccgaac..... 1
Gi3_28922843_x1.....gGgacgucgugggaacacggggugccgaa..... 1
Gi2_11242858_x1cugcgaucggagacgucgug..... 0
Gi1_4264931_x1.....cgugggaacacggggugccgG..... 1
Gi2_11331983_x1.....Cucgugggaacacggggugccg..... 1
Gi3_28708777_x1.....gggaCcacggggugccgaacu..... 1
Gi3_28330596_x1.....gNgaacacggggugccgaacu..... 1
G1a_6266010_x1.....gacgucgugggaacGcggggg..... 1
Gi2_11374027_x1.....acgucgugggaacacggggugG..... 1
Gi3_28792042_x1.gcUaucggagacgucgug..... 1
Gi5_9021961_x1.....cgugggaacacgAggugccg..... 1
Gi2_11260415_x1.....gUcgcgucgugggaacacggggugccgaac..... 1
Gi2_11364691_x1.....ggGgacgucgugggaacacggggugccga..... 1
Gi2_11266953_x1.....cguNggaacacggggugcc..... 1
Gi3_28781421_x1.....gucguCggaacacggggugccgaac..... 1
Gi3_28712542_x1....Uggagacgucgugggaacacggggg..... 1
Gi3_28809612_x1.....ucgugggaNcacggggugcc..... 1
Gi3_28935123_x1....aucggagacgucguUggaacacgggg..... 1
Gi1_4367521_x1.....acgucgugggaacacggggugUc..... 1
Gi5_9094637_x1.....gucNugggaacacggggugccgaacu..... 1
Gi2_11330531_x1.....Ugugggaacacggggugccg..... 1

Gi4_584151_x1ucgugggaacacggggugcAgaacu..... 1
 Gi1_4387209_x1uggaacaacggggugUcgaa..... 1
 Gl1a_6065650_x1...gaucAgagacgucgugggaacacg..... 1
 Gi3_28421870_x1.ugcgaCcgagacgucgugggaacacggggu..... 1
 Gi1_4306980_x1.....gacgucguAggaacacggggugccgaacu..... 1
 Gi3_28985887_x1.....ggagacgucgugggaacacggUgugcc..... 1
 Gi2_11089069_x1.....cggagacgucgugggaacGcggggu..... 1
 Gl1a_6179055_x1.....ucgugggaacacggggugccAaac..... 1
 Gi3_28356747_x1.....gacgucgugggaacacgA..... 1
 Gi2_11093974_x1.....gCucggagacgucgugggaacacg..... 1
 Gi2_11103727_x1.....cggagacgucgugggaUacggggugc..... 1
 Gi5_9078797_x1...gaucggagacgucgAgggaacacggggugc..... 1
 Gi1_4236554_x1.....ggaacacggCgugccgaacu..... 1
 Gi2_11342256_x1....aucggagacgucUugggaacacggggug..... 1
 Gl1a_6033122_x1...gaucggGgacgucgugggaacacggg..... 1
 Gl1a_6127592_x1..Ccgaucggagacgucgug..... 1
 Gi3_28871743_x1.....ucgugggaacacggUgugccg..... 1
 Gi4_593204_x1.....acgucgugggaGacggggugccgaacu..... 1
 Gi1_4245237_x1.....gucgugggaacacgggAugccgaac..... 1
 Gl1a_6297151_x1.....cgucgugggaacacggggAgccgaacu..... 1
 Gi1_4298364_x1...cgauccggagacgucgugggaacacggg..... 0
 Gi5_9090674_x1.....cggagacgCcgugggaacacggggugcc..... 1
 Gi5_8911937_x1.....uggaacaacggggugcGgaa..... 1
 Gi5_9073721_x1....aucggagacgucgCgggaacacg..... 1
 Gi3_28485673_x1.....gagacgucgugggaacacAgggugccgaacu..... 1
 Gi5_9070689_x1...gaucggagacgucgugggGacac..... 1
 Gl1a_5983233_x1.....ucgugggaacacggggGgcccgaacu..... 1
 Gi5_8884907_x1.....cggGgacgucgugggaacacggggugccga..... 1
 Gi1_4175909_x1.....gugggUacacggggugccga..... 1
 Gi1_4315634_x1...cgauccggagacgucgugggaacacggggugcc..... 0
 Gi3_28795395_x1.....gucgugAgaacacggggugcc..... 1
 Gi5_9001165_x1.....gagNcgucgugggaacacg..... 1
 Gi4_580276_x1.....gugggaacaUggggugccgaacu..... 1
 Gi1_4220712_x1....aucggagacgucAugggaacacgg..... 1
 Gi2_11096538_x1.....cggagacgucgugggaacacggggugcG..... 1
 Gi1_4316594_x1.....cggagaAgucgugggaacacggggugcc..... 1
 Gi2_11020073_x1.....ggaAacgucgugggaacac..... 1
 Gi2_11310061_x1....aucggagacgucguCggaac..... 1
 Gl1a_6070775_x1.....gugggaacacggggGgccc..... 1
 Gi3_28531289_x1.....cggagacgucgugggaacacggggugUcgaaacu..... 1
 Gi2_11111732_x1....aucggagacgucguUggaacacggg..... 1
 Gi1_4351126_x1.....gggaacacggAgugccgaacuu..... 1
 Gi3_28608278_x1....uAggagacgucgugggaacacgggg..... 1
 Gi2_11285185_x1.....ucgugggaacacggUgugccgaac..... 1
 Gi5_8947597_x1.....gggaacacggggugAcgaacu..... 1
 Gi2_11196726_x1.....agacUucgugggaacacgggg..... 1
 Gi1_4229862_x1.....ggagacgucCugggaacacggggugccg..... 1

Gi2_11205810_x1.....gagacgucgugggaacaUggggug..... 1
Gi5_9046482_x1.....cgucCugggaacacggggugccgaacu..... 1
Gi1_4233669_x1.....Cggaacacggggugccg..... 1
Gi5_8979839_x1.....ggagGcgucgugggaacacggggugccgaac..... 1
Gi3_28268539_x1.....Acgugggaacacggggugccga..... 1
Gi5_9055764_x1.....ucgugggaacacgUggugccgaacu..... 1
G1a_6052384_x1.....cgugggaacacggggugUc..... 1
Gi3_28281579_x1.....ggagacgucguggCaaca..... 1
Gi3_28509712_x1.....cgugggaacacgCggugccga..... 1
Gi2_11096661_x1.....gugggaacacggggugccgaaG..... 1
Gi1_4203629_x1.....gaacacggggguAccgaacu..... 1
Gi2_11374152_x1.....ggagGcgucgugggaacacggggug..... 1
Gi2_11292121_x1.....agacgucgugggaacacggggguAccgaacu..... 1
Gi2_11177260_x1.....ucggagacgucgCgggaacacg..... 1
Gi2_11144232_x1.....gagacgucgCgggaacacggggugc..... 1
Gi3_28647994_x1.....agacgucgugggaCcacggggugccgaacu..... 1
Gi2_11202202_x1.....gggaacacggggugccgaaG..... 1
Gi2_11005262_x1.....ucgNagacgucgugggaacacggggugcc..... 1
G1a_6237595_x1....aucggagacgucgugggaacaG..... 1
Gi3_28390097_x1.....ucAugggaacacggggugccgaa..... 1
Gi5_9127092_x1....ucggagacgucguggGacacggggugc..... 1
Gi3_28923804_x1....ucggagacgucgugggaacacggggugccA..... 1
Gi2_11350222_x1.....gggaaAacggggugccgaa..... 1
Gi2_11181008_x1....gaucUgagacgucgugggaacacggg..... 1
Gi2_11345128_x1.....acgucgugggaCcacggggugcc..... 1
Gi2_11268528_x1.....gacgucgugggaacaGggggugccgaac..... 1
Gi3_28858236_x1.....agGcgucgugggaacacgggggu..... 1
Gi3_28823733_x1....cAgagacgucgugggaacacgg..... 1
Gi2_10998464_x1....ucggagacgucgugggaacacggggG..... 1
Gi5_8869238_x1.....cNugggaacacggggugccgaacu..... 1
Gi3_28824308_x1.....ggagacguNgugggaacacggggugccgaacu..... 1
Gi3_28797203_x1....cggagacgucguggCaacacggggugcc..... 1
Gi3_28273123_x1....gaucggagacgucgGgggaacacggggugcc..... 1
Gi2_11140793_x1.....guNggaacacggggugcc..... 1
Gi1_4277537_x1.....ugggaacacggggugcAga..... 1
Gi2_11337994_x1....gaucggagacgucgugggaAacg..... 1
G1a_6045301_x1....aucggagacgucgugggaacGcggggugcc..... 1
Gi2_11140736_x1....acgucgugggaacacggggugcAga..... 1
G1a_6075533_x1....gaucggagacgucgugAgaacacggg..... 1
Gi2_11106193_x1....aucggagaAgucgugggaacacggggugc..... 1
Gi2_11156692_x1....aucggagacgucgugggaacacgUgg..... 1
Gi2_11230623_x1....agacguGgugggaacacggggugccga..... 1
Gi5_8862570_x1.....cgucgugggaacacggUgugccgaa..... 1
Gi1_4258082_x1.....ucgugggaacacggggCgcccga..... 1
Gi5_8982868_x1.....Ngggaacacggggugccgaacu..... 1
Gi5_8880874_x1.....ugggaacacgggUugccgaa..... 1
Gi5_9006416_x1.....acgucgugggaacacgggAugccgaac..... 1

Gi1_4358394_x1.....ucgugggaacacgggAugccgaac..... 1
 Gi2_11024679_x1.....gCgggaacacggggugccgaacuu..... 1
 Gi3_28419095_x1.....ucgugAgaacacggggug..... 1
 Gi2_11089620_x1.....ugggaacacggggAccg..... 1
 Gi2_11172867_x1.....cgugggaacacgggAugccgaa..... 1
 Gi3_28787252_x1...cgauccgagacgucgugggaaUacggggg..... 1
 Gi3_28756906_x1.....ucggagacgucgugAgaacacggggugccg..... 1
 Gi1_4371409_x1.....ggaUcacggggugccgaa..... 1
 Gi1_4231240_x1.....gucgugggaacacgggAgcc..... 1
 Gl1_6050399_x1.Ggcgaucggagacgucgugggaaacac..... 1
 Gi5_9109727_x1.....cgugggaacCggggugcc..... 1
 Gl1_6182121_x1....Gucggagacgucgugggaaacacggggugcc..... 1
 Gi2_11299263_x1.....agaUgucgugggaacacggggugcc..... 1
 Gi1_4167450_x1.....acacggggugccgaacuG..... 1
 Gi2_11265792_x1.....gucgugggaacacggggugAcgaa..... 1
 Gi5_9136080_x1....aucggagacgucgugggaaacacAgg..... 1
 Gi2_11286877_x1...cgauccgagacgucgugggaaacacggA..... 1
 Gl1_6024170_x1....aucggagacgucguggAaacacggg..... 1
 Gl1_6288706_x1.....ggaGacggggugccgaac..... 1
 Gi3_28643150_x1...cgauGggagacgucgugg..... 1
 Gl1_6068262_x1.....ggaacacgggAgccgaacu..... 1
 Gi2_11067697_x1....Ugagacgucgugggaaacacggggugccgaac..... 1
 Gi3_28369839_x1...cgaAcggagacgucgugggaaacacggggg..... 1
 Gi4_598252_x1.....uUggaacacggggugccga..... 1
 Gi2_11251118_x1....auUggagacgucgugggaa..... 1
 Gi3_28465324_x1.....ucgugggaacacggggAccga..... 1
 Gi3_28333779_x1....ucggagacgCcgugggaacacgg..... 1
 Gi5_9039662_x1.....cgucgugggaacacggAgugc..... 1
 Gi1_4183810_x1.....cguUgugggaacacggggugcc..... 1
 Gi3_28660903_x1....ucggagacNucgugggaaacacggggugccg..... 1
 Gi3_28419972_x1....aucggagacguAguggga..... 1
 Gi1_4182887_x1.....Aucgugggaacacggggugccgaac..... 1
 Gi2_11078691_x1.....uNggaacacggggugccgaacu..... 1
 Gi3_28300774_x1....ucggagacgucgugggGacacg..... 1
 Gi2_11381419_x1.....gugggaacacgggCugcc..... 1
 Gi3_28715193_x1.ugcgauAggagacgucgugggaaca..... 1
 Gi5_9073425_x1.....ugggaacacggggugccgCacuu..... 1
 Gi5_9047038_x1.....ugggaacacggggGgccgaac..... 1
 Gi2_11338212_x1.....aacacggggugccCaacu..... 1
 Gi3_28846878_x1.....ggagacgucgugggaaacacgAggugcc..... 1
 Gi3_28782756_x1.....agacgucgugAaacacggggugcc..... 1
 Gi3_28834855_x1....Aaucggagacgucgugggaaacacggggug..... 1
 Gi1_4361914_x1.....Cgagacgucgugggaaacacggggugcc..... 1
 Gi1_4229365_x1.ugcgauccgagacgucgugggaacaU..... 1
 Gi3_28302621_x1....cggagacgucgugggCaacggggugcc..... 1
 Gi3_28477275_x1.....ggNaacacggggugccgaac..... 1
 Gi5_9126307_x1....aCcgagacgucgugggaaacac..... 1

Gi2_11328085_x1.....gugggaacacgUggugccgaa..... 1
 Gi2_11111328_x1...gaucgAagacgucgugggaacacggggugcc..... 1
 Gi2_11154261_x1.....gggaacacggggugccAaa..... 1
 Gi2_11319531_x1.....ucUggggaacacggggugcc..... 1
 G1a_6002342_x1....aucgAagacgucguggga..... 1
 Gi2_11341986_x1.....aGgucgugggaacacggggg..... 1
 Gi2_11282619_x1.....gacgucgugggaacacggCgugcc..... 1
 Gi1_4365103_x1.....Uggagacgucgugggaacacggggugcc..... 1
 Gi5_9069917_x1.....cgucgugggGacacggggugcc..... 1
 Gi3_28895158_x1....gaucggagacguGgugggaacac..... 1
 Gi3_28470745_x1....ucggagacgucgugggCacacggggugccgaac..... 1
 Gi1_4333800_x1.....ucgugggaNcacggggugccgaa..... 1
 Gi3_28913650_x1.....gucgugggaacacggggugcGgaac..... 1
 Gi5_9007944_x1....gaucggagacgucgCgggaacacggg..... 1
 Gi1_4377773_x1.....cggGgacgucgugggaacacggg..... 1
 Gi3_28371256_x1.ugcgauCagagacgucguggga..... 1
 Gi2_10995274_x1....aucCgagacgucgugggaacacggggg..... 1
 Gi3_28506213_x1....gaucggagacgucgugggaacacgUggu..... 1
 Gi2_11020399_x1....cgauCggUgacgucgugggaacac..... 1
 Gi2_11340229_x1....aucggagaAgucgugggaacac..... 1
 Gi3_28477027_x1....gaucggagacgucgugggUacacg..... 1
 Gi5_9132194_x1....cgucgugggaaAacggggugc..... 1
 Gi3_28850844_x1....aucggagCgucguggga..... 1
 Gi5_9015464_x1.....gggaacacggggugcAgaac..... 1
 Gi3_28930192_x1.....gagacgucgugggaacacAgggg..... 1
 G1a_5999316_x1.....ggagacgucgCgggaacacggggugcc..... 1
 Gi2_11261738_x1.....agacgucgugggaacacggggugccgCac..... 1
 Gi3_28278765_x1.....gagacguAgugggaacacggggugcc..... 1
 Gi1_4203920_x1.....cgucgugggaacacCgggugccgaacu..... 1
 Gi3_28667627_x1....aucggagacgucgugCgaacacg..... 1
 G1a_6131714_x1.....gGacacggggugccgaac..... 1
 Gi2_11370219_x1.....gaacacggCgugccgaacu..... 1
 Gi2_11304067_x1.....gucgugggaacUcggggugccgaacu..... 1
 Gi2_11205788_x1....gaucggagacgucgugggaCcacggggug..... 1
 Gi2_11091492_x1.....cggCgacgucgugggaacacggggugc..... 1
 Gi2_11066935_x1.....ugggaacacggggugGcgaac..... 1
 Gi2_11357669_x1.....cgucgugggaaGacggggugccgaacu..... 1
 Gi4_611240_x1.....cgucguggNaacacggggugccgaacu..... 1
 Gi3_28381401_x1.....gucgugggaacacggggugUcga..... 1
 Gi5_8949312_x1.....gacgucgugggaacacgggggUAccgaac..... 1
 Gi1_4207211_x1.....cguggCaacacggggugccgaac..... 1
 Gi3_28435301_x1....gcgaucggagacgucgCg..... 1
 Gi3_28308229_x1.....cgugggaacacgggCugc..... 1
 G1a_6045368_x1.....gucgugggaacacggggugccgCacu..... 1
 Gi3_28267789_x1....cgauUggagacgucguggg..... 1
 Gi3_28419657_x1.....gagacgucgCgggaacacggggugcc..... 1
 Gi3_28647744_x1....auNggagacgucgugggaacacggggugcc..... 1

Gl1_6308708_x1.....guggaacUcggggugccg.....	1
Gi3_28831095_x1.....cguggaacacggggugGc.....	1
Gi2_11069611_x1.....gucguggaacacggggguAccgaa.....	1
Gl1_6046062_x1.....cgugggGacacggggugccg.....	1
Gl1_6284882_x1.....aucggagacgucguggaaAacgg.....	1
Gi5_8866484_x1.....Nucggagacgucguggaaca.....	1
Gl1_6104700_x1.....gucguggaacCcggggugccgaac.....	1
Gi2_11067767_x1cugcgauccgagacgucguggaacacggggugc.....	0
Gi1_4273490_x1.....gucguggaacGcggggugcc.....	1
Gi3_28632471_x1.....ggaacUcggggugccgaa.....	1
Gi5_9031315_x1.....cggGgacgucguggaacacg.....	1
Gi1_4308191_x1.....cgucguggaacacggggGccc.....	1
Gi1_4367096_x1.....gagacgucguggaacacggggGgccc.....	1
Gi2_11153668_x1.....cgucguggaacCcggggug.....	1
Gl1_5984957_x1.....Gggagacgucguggaacacggg.....	1
Gi5_8897427_x1.....gggaacacggggugcGgaac.....	1
Gi2_11048847_x1.....gagGcugcuguggaacacggggugccg.....	1
Gi3_28552596_x1.....gaucggagacgucguggaacUcg.....	1
Gi2_11380980_x1.....ucggagacgucgugggGacacggggugc.....	1
Gi5_8942855_x1.....cgugggGacacggggugccg.....	1
Gi2_11319250_x1.....gaucggagacgucguCgga.....	1
Gi1_4169079_x1...Ugaucggagacgucguggaacacggggugc.....	1
Gi3_28693438_x1.....aucggagacgucguggaacaGggggg.....	1
Gi2_11033935_x1.....gacgucguggaacacgAggugccg.....	1
Gi3_28710539_x1.....cggagacgucAugggaacacgggg.....	1
Gi5_9111829_x1.....ggaacaUggggugccgaac.....	1
Gi1_4338546_x1.....cgucgugUgaacacggggugccgaacu.....	1
Gi3_28959176_x1...gaCcgagacgucguggaacacggggugc.....	1
Gi5_9104027_x1...aucAgagacgucguggaacacggggg.....	1
Gi3_28781346_x1.....cggagacgucgugUgaacacggg.....	1
Gi2_11191537_x1.....Agagacgucguggaacac.....	1
Gl1_6031185_x1...ucggGgacgucguggaacacggggugc.....	1
Gi4_596086_x1...Gucggagacgucguggaacacggg.....	1
Gi3_28295726_x1.....uggCaacacggggugccga.....	1
Gi5_8926016_x1...aucggagacgucguggCaacacgg.....	1
Gi3_28649852_x1.....gacgucguggaacacgggCugccgaac.....	1
Gi2_11266595_x1.....ugggaacUcggggugccgaa.....	1
Gi3_28911910_x1...ucggagacgucguggaacacgUggugcc.....	1
Gi2_11312944_x1.....Nggagacgucguggaacacggggugcc.....	1
Gi3_28717663_x1...ucggagacgucguggaacacggggugcA.....	1
Gl1_6274652_x1.....ggagacgucguggaUcag.....	1
Gl1_6194359_x1...cgucguggaacacggggCgcccgaac.....	1
Gi1_4383125_x1.....ggagacgucguAggaacacggggugccg.....	1
Gi2_11064369_x1...Ugaucggagacgucguggaacacggggugc.....	1
Gi2_11125258_x1.....ugggaacaUggggugccga.....	1
Gi2_11341262_x1...gaucggagacguGguggaacac.....	1
Gi5_9044316_x1.....acgucguggaGcacggggugccga.....	1

Gi5_8895725_x1.....gucgugggaacacgCggugccgaacu.....	1
Gi1_4361272_x1.....uggaacUcggggugccgaac.....	1
G1a_6309085_x1...gaucggagacgucgGgggaacacggg.....	1
Gi1_4168613_x1.....gacgucgugggaacGcggggugcc.....	1
Gi3_28539980_x1.....cggagacgucgugggaGcacgg.....	1
G1a_6292413_x1...cUaucggagacgucgugggaacacggg.....	1
G1a_6023428_x1.....ucggagacguAgugggaacacggg.....	1
Gi2_11234386_x1.....cgugggaCcacggggugccgaa.....	1
Gi1_4218245_x1.....gacgucgugggaacacggggU.....	1
Gi1_4208748_x1.....guggUaacacggggugccg.....	1
Gi1_4361219_x1.....ucgugggaacacggAgugc.....	1
Gi3_28535019_x1...gaucggagNcgucgugggaacacggggug.....	1
G1a_6041689_x1...cUgagacgucgugggaacacggggugcc.....	1
Gi3_28268982_x1...cUaucggagacgucgugggaacacggggug.....	1
G1a_6093579_x1...aucggGgacgucguggga.....	1
G1a_6207996_x1...cgaucggagGcgucgugg.....	1
Gi1_4374556_x1...ucggagGcgucgugggaacacggggU.....	1
Gi5_8959012_x1.....gucgugggaacacggggugAcgaac.....	1
Gi5_9050285_x1.....cgugggaGacggggugccgaac.....	1
Gi5_9062742_x1.....aGuuuccagcgccugcugcccacc.....	1
Gi3_28676313_x1...cgaucggagacgucgugggaacacgAg.....	1
Gi3_28611356_x1...ggagacgucgugAgaacacggg.....	1
Gi1_4301563_x1.....Ugugggaacacggggugccgaacu.....	1
Gi4_567819_x1.....aacacggggugcGgaacu.....	1
Gi1_4227037_x1.....gagacgucgugggaacacggggugc.....	0
Gi3_28820957_x1.....cggagaUgucgugggaacacggggug.....	1
Gi3_28614328_x1.....cggagacgucgugggaacaAggggu.....	1
Gi2_11131973_x1...gaucggagacgucgugggaUacggggugc.....	1
Gi3_28371204_x1.....agacgucgugAgaacacgggg.....	1
Gi3_28311423_x1.....Cagacgucgugggaacac.....	1
Gi3_28597321_x1.....Ugacgucgugggaacacggg.....	1
Gi3_28696072_x1.....cgucgugggaacaGggggugcc.....	1
Gi5_8908959_x1.....ggagacgucgugggaacacggggCgccgaacu.....	1
Gi5_9129379_x1.....agUcgucgugggaacacggggugc.....	1
Gi5_9038618_x1.ugcgaucggagacguGguggg.....	1
Gi2_11395502_x1...gaucgCagacgucgugggaacacggg.....	1
Gi5_9081657_x1...aucggagacgucgugggaacGcgg.....	1
Gi2_11101598_x1.....gucgugggNacacggggugccgaa.....	1
Gi2_11145603_x1.....acguGgugggaacacggggugccgaac.....	1
Gi3_28567164_x1.gGgaucggagacgucgugggaacacgg.....	1
Gi5_8849458_x1.....gugggaacacgggUugccgaac.....	1
G1a_5987536_x1.....gagacgucgugggCacacg.....	1
Gi2_11046128_x1.....ugggUaacacggggugccg.....	1
Gi1_4273645_x1...Gucggagacgucgugggaac.....	1
Gi1_4196233_x1.....cguAggaacacggggugccgaa.....	1
Gi3_28391848_x1.....cguNggaacacggggugccga.....	1
Gi2_11045764_x1.....acgucgugggaacacggggugccgaaU.....	1

Gi2_11184970_x1.....ggagacgucgugAgaacacggggugc..... 1
 Gi2_11337164_x1.....ucUgagacgucguggaac..... 1
 Gl1a_6180255_x1....aucggagacgucguggaacacggggCg..... 1
 Gi1_4165380_x1....gauUggagacgucguggaacac..... 1
 Gi2_11109190_x1.....gacgucAugggaacacggggugccg..... 1
 Gi2_11025666_x1.....gacgucGgggaacacggggugc..... 1
 Gi3_28920438_x1.....Ggucguggaacacggggug..... 1
 Gi2_11267514_x1.....gagacgucguggaacacggggGgcc..... 1
 Gi5_8845074_x1.....gaacacggggugcUgaac..... 1
 Gi3_28666005_x1....auNggagacgucguggaacac..... 1
 Gi1_4242742_x1.....ucgugUgaacacggggugccgaacu..... 1
 Gi1_4371076_x1....uUggagacgucguggaacacg..... 1
 Gi3_28461376_x1.....ggagacgucguggaaAacg..... 1
 Gi2_11298878_x1.....ucguggUaacacggggugccg..... 1
 Gl1a_6035525_x1.....gucgCgggaacacggggugccgaa..... 1
 Gi3_28396148_x1.....gacgucguAggaacacggggg..... 1
 Gi5_9138141_x1.....cgCcguggaacacggggugccgaa..... 1
 Gi2_11398153_x1....aucggagacCucguggaacacggggugcc..... 1
 Gi3_28545432_x1.....ggagacgucguggaacacUggggugcc..... 1
 Gl1a_6114215_x1....aucggagacguAguggaacacggggug..... 1
 Gi1_4360015_x1.....gucguggaacacggUgugccgaa..... 1
 Gi1_4363309_x1.....gaacacggggUccgaacu..... 1
 Gi3_28569304_x1.....gucguggaacacggggUc..... 1
 Gi3_28946301_x1.....gucguAggaacacggggugc..... 1
 Gi2_11059342_x1.....uggaacacggggAgccgaa..... 1
 Gi1_4191641_x1.....Aguggaacacggggugccgaa..... 1
 Gi2_11373598_x1....gaucggGgacgucguggaacac..... 1
 Gi1_4213608_x1.....cgugggaaUacggggugccgaacu..... 1
 Gi2_11145485_x1.....uggaacacggggugUcgaa..... 1
 Gi2_11139295_x1.....ggagUcgucguggaacacg..... 1
 Gi2_11366038_x1.....gacgucguggaacacAgggugccg..... 1
 Gi1_4213328_x1....ucggagacgucguggaacacg..... 1
 Gi5_9051637_x1.ugcgGucggagacgucgugga..... 1
 Gi3_28357202_x1.ugcgGucggagacgucguggaacacggggugc..... 1
 Gi4_586383_x1.....ucguggaNcacggggugccgaacu..... 1
 Gi2_11097283_x1.....gacgucguggaacacggggugccg..... 1
 Gi4_569966_x1.....agacgucguggaacacggggugccgaaAu..... 1
 Gl1a_6340869_x1....gaAcggagacgucguggaacacggggg..... 1
 Gi3_28854769_x1.....cggagacgucguggaacacUggggugccg..... 1
 Gi1_4191858_x1.....ucguggaacUcggggugccgaac..... 1
 Gi2_11368649_x1.ugcgaucggagacgucguggUaca..... 1
 Gi3_28413021_x1....gaucggagacgucguggaacC..... 1
 Gi1_4174452_x1.....Aguggaacacggggugccgaacu..... 1
 Gi3_28530083_x1..gcgaucggNgacgucguggaacacggggug..... 1
 Gi3_28586968_x1....gauUggagacgucguggaacacg..... 1
 Gi4_582315_x1.....cgugggCacacggggugccgaacu..... 1
 Gi2_11299569_x1.....ggagacgucguggaacacggggugc..... 1

Gi2_11209035_x1.....gugggaacacggggugccgaU.....	1
Gi3_28492013_x1....aucggagacgucgugggUacacggggugc.....	1
Gi1_4194709_x1....aucggagacgucUugggaacacggggugcc.....	1
Gi2_11136577_x1.....agacgucguUggaacacggggugc.....	1
Gi2_11049792_x1.....ggaUcacggggugccgaac.....	1
Gi1_4169405_x1..gcAaucggagacgucgugggaaca.....	1
Gi3_28879426_x1.....cgugggaacacggggugccCaac.....	1
Gi1_4272430_x1.....Ugacgucgugggaacacggggugccga.....	1
Gi1_4335724_x1.....gUcgucgugggaacacggggugccgaacu.....	1
G1a_6272810_x1.....gugAgaacacggggugcc.....	1
Gi1_4204908_x1.ugcgauccggagacgucgug.....	0
G1a_6023208_x1.....cgugggaacacggggugccgaaGu.....	1
Gi1_4308274_x1.....acgucguggUaacacggggugccgaacu.....	1
Gi4_610249_x1.....gugggaacacggggugccAaacu.....	1
Gi3_28885665_x1.....gacguUgugggaacacggggugccg.....	1
Gi2_11407747_x1.....ggaacacgUggugccgaa.....	1
Gi3_28978457_x1.....gacgucgugggaacGcggggu.....	1
Gi3_28863240_x1.....gacgucgugggaacacggggugcGgaac.....	1
Gi5_8874169_x1.....cggagacgucAugggaacacggggugccga.....	1
Gi1_4303677_x1....aucggagacgucgugggaacacgAggugcc.....	1
Gi2_11327313_x1....aucggagacgucguggUaacacggggugc.....	1
G1a_6104556_x1.....acgucAugggaacacgggggu.....	1
Gi5_9136662_x1.....gugggaacacggggugccCaac.....	1
Gi3_28984449_x1.....cgucguCggaacacggggugccgaacu.....	1
Gi2_11302551_x1...Ggaucggagacgucgugggaacacggggugcc.....	1
Gi2_11045193_x1.....acgucgugggaaUacggggugccgaacu.....	1
Gi3_28671249_x1...gaucggagacgucgugggaacacCgg.....	1
Gi1_4367451_x1....aucggagacgucgugggaacacggggA.....	1
Gi5_8858915_x1.....gggaacacggggugccgaacuu.....	0
Gi3_28264287_x1.....Cgagacgucgugggaacacggggugccg.....	1
Gi5_8947795_x1.....gaacacggggugccgaGc.....	1
Gi2_11156479_x1...gaucggagacgucgugggaGc.....	1
Gi2_11049593_x1...gaucggagacgucgugggaacUcgg.....	1
Gi2_11400175_x1....aucggagacguGgugggaaca.....	1
Gi3_28942214_x1.....ggaacacggggugAcgaa.....	1
Gi2_11051689_x1....aucggagacAucgugggaacacggg.....	1
Gi3_28979707_x1.....ggagUcgucgugggaacacggggugcc.....	1
Gi2_10998672_x1.....cgGcgugggaacacggggugccgaa.....	1
Gi1_4327231_x1....aucggagacguAgugggaacacg.....	1
Gi2_11195136_x1...gaucggagacgucgugggaacacUg.....	1
Gi2_11276055_x1.....cgucgugggaacaUggggugccgaa.....	1
Gi3_28825958_x1....ucggagacgucguggAaacacggggugcc.....	1
Gi2_11041587_x1....aucggagacgucgugUgaacacggggugc.....	1
Gi5_9013130_x1.....gaacCggggugccgaac.....	1
Gi2_11095334_x1.....Cgggaacacggggugccgaacuu.....	1
Gi3_28827864_x1.....gagacguUgugggaacacggggugccgaac.....	1
Gi2_11010522_x1.....ugggaacacggggCgccgaacuu.....	1

Gi3_28313565_x1...gaucgCagacgucgugggaaacacggg..... 1
Gi3_28417224_x1.....cgucgugggaaacacggggugGcgaacu..... 1
Gi3_28524184_x1.....uggaaacacggggugGcgaac..... 1
Gi3_28648200_x1...cgaucggagacgucgugggCacacg..... 1
Gi2_11244262_x1.....ggaaacacUgggugccgaac..... 1
Gi2_11316834_x1....aucggagacgCcgugggaaacacggggugcc..... 1
Gi2_11375174_x1.....ucguggCaacacggggugccg..... 1
G1a_6263988_x1.....Aguggaaacacggggugc..... 1
Gi3_28355036_x1....ucggagacgucgugggaaacacggUgugcc..... 1
Gi5_9025447_x1.....gCcgucgugggaaacacggggugccgaacu..... 1
Gi2_11024177_x1.....Ggacgucgugggaaacacggggugccga..... 1
Gi2_11192095_x1....ucggCgacgucgugggaaacacggggg..... 1
Gi2_11187456_x1.ugcgaucggagacgucguAggaacacg..... 1
Gi3_28378003_x1.....gagacgucgugggGcac..... 1
Gi5_8973741_x1....aucggagCcgucgugggaaacacggggugcc..... 1
Gi2_11280939_x1.....gacgCcgugggaaacacggggugcc..... 1
Gi3_28781570_x1.....gucgugggaaacaAggggug..... 1
Gi3_28726464_x1....aucggagacgucgugggGcacggggug..... 1
Gi4_593273_x1.....cgucgugggaaacacggggugccgaaGu..... 1
Gi3_28696161_x1.....ucgugggaaacacggggugGcgaac..... 1
Gi1_4374403_x1.....acgucgugggGacacggggugccgaac..... 1
Gi1_4351635_x1.....guUgugggaaacacggggugccgaac..... 1
Gi3_28800607_x1.....ggagacgucgugggaaacaAggg..... 1
Gi3_28369650_x1.....acgucgugGaaacacggggugccgaa..... 1
Gi3_28754020_x1....aucggagUcgucgugggaaacacgg..... 1
Gi2_11395305_x1.....gacgucgugggGcacgg..... 1
Gi1_4170939_x1.....ggagacgucgugggaaacaUggggugccg..... 1
Gi4_600413_x1.....acgucguAggaacacggggugccgaacu..... 1
Gi3_28860406_x1...gaucggagUcgucgugggaaacacg..... 1
Gi3_28597326_x1...cgaucggagacgucgugggaaUacg..... 1
Gi2_11135629_x1.....gacgucgugggaaacacggggUaccgaac..... 1
Gi5_9113732_x1....aucggagacgCcgugggaaacacggggugc..... 1
Gi1_4261278_x1....ucggagacgucgugggaaacacAgggugc..... 1
Gi3_28286814_x1.....cggagacgucgugggUacacggggg..... 1
Gi3_28422267_x1.....gacgucgugggaaacacggggugcAg..... 1
Gi1_4335346_x1....aucggagacgucgugggaaacaAg..... 1
Gi2_11067707_x1...gaucggagaUgucgugggaaac..... 1
Gi3_28735004_x1.....acgucguAggaacacggggugccga..... 1
Gi1_4365646_x1.....gaacacgUggugccgaacu..... 1
Gi2_11143290_x1...gaucggagUcgucgugggaaacacggg..... 1
Gi2_11150159_x1.....ucgugggaaacaUggggugccg..... 1
Gi5_8889628_x1.....gaacacggggugccgaaGu..... 1
Gi2_11407771_x1.....gucAugggaaacacggggugcc..... 1
Gi2_11031273_x1.....gugggaaGacggggugccg..... 1
Gi2_11049014_x1....acgCcgugggaaacacggggugccgaac..... 1
Gi1_4217110_x1.....guAggaacacggggugccg..... 1
Gi2_11219658_x1.....agacgucgugggaaacacAgggugccgaac..... 1

Gi3_28400757_x1.....ucgNgggaacacggggugccgaa..... 1
 Gi3_28919368_x1.....ggagacgucgugggGcacggggugccga..... 1
 Gi2_11371641_x1.....cgucgugggGacacggggugccgaa..... 1
 Gi2_11398396_x1.....cgucgugggaaacacgggAugccg..... 1
 Gi3_28437477_x1.....gaucggagacgucgugggaaacacgggAu..... 1
 Gl1_6284147_x1.....uGggagacgucgugggaaacacgg..... 1
 Gi3_28710095_x1.....cggagacgucgugggaaacaUg..... 1
 Gi2_11203917_x1.....ugggaacaAggggugccga..... 1
 Gi3_28779419_x1.....acgucgugggaaacacggggugGcgaacu..... 1
 Gi2_11350065_x1.....cgugggaaacacgggCugccgaac..... 1
 Gi3_28456118_x1.....aucAgagacgucgugggaaacacggggug..... 1
 Gi3_28955330_x1.....gacgucgugggCacacggggugccgaa..... 1
 Gi3_28940418_x1.....cggagacgucguAggaacac..... 1
 Gi3_28917417_x1.....gaucggagacgucgugggaaacaAggggugc..... 1
 Gi1_4275708_x1.....gugggaacaUggggugccgaac..... 1
 Gi3_28320169_x1.....auNggagacgucgugggaaacacggg..... 1
 Gi3_28678967_x1.....gucgugggaaacacggggugccA..... 1
 Gi5_9058748_x1.....cacggggCgccgaacuuu..... 1
 Gi1_4226635_x1.....gugggaacacggggGgccg..... 1
 Gi3_28790043_x1.....Cgagacgucgugggaaacacggggugcc..... 1
 Gi2_11041161_x1.....cgaucggagacgucgugA..... 1
 Gi2_11297207_x1.....gaucggagacgucguggAaacacggggug..... 1
 Gi5_9052346_x1.....aucggagacgucgugggaaacCcg..... 1
 Gi1_4319177_x1.....uGNgaacacggggugccgaacu..... 1
 Gi1_4318947_x1.....uGgugggaaacacggggugccgaacu..... 1
 Gi4_578222_x1.....aAacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28532576_x1.....cgucgugggaaGacggggugc..... 1
 Gi3_28585106_x1.....cgaucggagacgucgugggaa..... 0
 Gi3_28546928_x1.....uggNaacacggggugccg..... 1
 Gi3_28486565_x1.....ggUgacgucgugggaaacacggggugccgaa..... 1
 Gi5_8948673_x1.....cgugggUacacggggugccg..... 1
 Gi1_4324786_x1.....gugggaacacggUgugccg..... 1
 Gl1_6031834_x1.....cgugggaaacacggggUacc..... 1
 Gi5_9077813_x1.....gAgggaacacggggugcc..... 1
 Gi2_11172828_x1.....agacgucgugggGcacggggugccgaa..... 1
 Gi3_28670904_x1.....gagacgucgugggaaacacggAgu..... 1
 Gi3_28698688_x1.....uUgugggaaacacggggugccga..... 1
 Gi3_28531868_x1.....acgucgugGCaacacggggugcc..... 1
 Gi3_28683621_x1.....gaucggagUcgucgugggaaacac..... 1
 Gi5_8830153_x1.....gugggaacacgggAugccg..... 1
 Gi2_11168924_x1.....aucggagacgucgugUgaaca..... 1
 Gi2_11367779_x1.....aucggagacgucgugGCaacacg..... 1
 Gi3_28474207_x1.....Agagacgucgugggaaacacgg..... 1
 Gl1_6148186_x1.....cggagacgucgugggaaacacggggG..... 1
 Gl1_6000709_x1.....cgugggaaacacggggAgcc..... 1
 Gl1_6069674_x1.....aucggagacgucgugggaaacacAgg..... 1
 Gi4_611245_x1.....cgugggUacacggggugccgaacu..... 1

Gi3_28806818_x1.....gggaCcacggggugccga..... 1
 Gi2_11328269_x1...cgauccgagacgucgugggaacGcg..... 1
 Gi5_9047066_x1.....aacacgggNugccgaacuuu..... 1
 Gi2_11385480_x1....aucggUgacgucgugggaaca..... 1
 Gi2_11046344_x1.....gUcgucgugggaacacggggugc..... 1
 Gi3_28677341_x1.....ggagacgucgugggaacC..... 1
 Gi2_11159723_x1.....ggagacgucgugggGacacggggugc..... 1
 Gi2_11052441_x1.....acgucguggUaacacggggugc..... 1
 G1a_6148154_x1.....ggagacgucgugggaGcacggggugc..... 1
 Gi2_11192440_x1.....gacgAcgugggaacacggggugccgaac..... 1
 G1a_6351561_x1.....gacgucgugAgaacacgggggu..... 1
 Gi3_28365084_x1...gaucggagacgucgCggga..... 1
 Gi2_11007063_x1.....gugggaGcacggggugccgaacuu..... 1
 Gi4_590981_x1.....gugggaacacggggugccgaCcu..... 1
 Gi3_28310413_x1...gaucggagacgucgugggCacacggggug..... 1
 Gi2_11240605_x1.....ggagacgucgugggaGcac..... 1
 Gi3_28649533_x1....aucggagacgucgugggaGcacggggugc..... 1
 Gi5_9008524_x1.....acgucgugggGacacggggugccgaac..... 1
 Gi1_4322125_x1.....cggagacgucgugggCacacgggggu..... 1
 Gi5_9133410_x1.....cgucgCgggaacacggggugcc..... 1
 Gi3_28644883_x1.....agacgucgugggaacacggggGgccga..... 1
 Gi3_28567431_x1....aucggagacgucguggUaacacg..... 1
 Gi5_9060158_x1.....acgucUugggaacacggggugccgaacu..... 1
 Gi2_11329459_x1.....gucgugggaacaGggggugcc..... 1
 G1a_6125455_x1.....cgugggaacaUggggugcc..... 1
 Gi1_4371050_x1.....cggGgacgucgugggaacacgggg..... 1
 Gi5_9075249_x1...gaucggagacgucgugggaacacA..... 1
 Gi2_11091806_x1.....Cgagacgucgugggaacacggggugc..... 1
 Gi2_11175808_x1.....cgucgugggaacacggggugcU..... 1
 Gi2_10995180_x1....aucggagacgucgugggaacacgggCug..... 1
 Gi2_11086522_x1.....acgucgugggaacacgAgggugc..... 1
 Gi3_28598152_x1.....gucgugggaUcacggggugccgaac..... 1
 Gi2_11012936_x1....aucggagacgucgugCgaaca..... 1
 Gi2_11286042_x1.....gugggaacacCgggugccga..... 1
 Gi1_4380178_x1.....agGcgucgugggaacacgggg..... 1
 G1a_6301302_x1.ugcgauccgagacgCcgug..... 1
 Gi2_11198690_x1.....cgucUugggaacacggggugccgaacuu..... 1
 Gi3_28293751_x1.....gacgucgugggaAacgggggu..... 1
 Gi2_11212906_x1.....ucguggUaacacggggugccgaacu..... 1
 Gi2_11211815_x1.....gucgugggaacaAggggugccga..... 1
 Gi5_8975200_x1.....cgugggaacacggggugA..... 1
 Gi5_8944145_x1....cggagacgucgugggaacacggggCgcc..... 1
 Gi1_4383926_x1.....gAgaacacggggugccgaac..... 1
 Gi3_28534354_x1.....ggagacgucgugggGacacggggugcc..... 1
 Gi2_11039844_x1.....Ggucgugggaacacggggug..... 1
 Gi1_4199154_x1.....acgucgugggaacacggggAgccg..... 1
 Gi2_11150113_x1.....acgucgugNgaacacggg..... 1

Gi2_11167562_x1.....gggaacacggggugAcga..... 1
 Gi1_4303371_x1.....guggaacaacggCgugccgaac..... 1
 Gi3_28418484_x1.....agacguUgugggaacacggggugccgaa..... 1
 Gi4_595780_x1.....guggaacaNcggggugccgaa..... 1
 Gi2_11215633_x1.....agacgucgugggaacacggggugA..... 1
 Gi2_11020948_x1.....cgucgAgggaacacggggugcc..... 1
 Gi1_4389435_x1.....gucgugggaacaAggggug..... 1
 Gi5_9130670_x1.....cgucguAggaacacggggugc..... 1
 Gi2_11071703_x1.....agacgAcgugggaacacggggugccgaacu..... 1
 Gi1_4254025_x1.....aucggagacgucgugggaaAa..... 1
 Gi2_11173721_x1.....cgaucggagacgucgugggaacacggAgugc..... 1
 Gi1_5989035_x1.....cgaucggagacgucgugggaacGcg..... 1
 Gi2_11146168_x1.....agacguUgugggaacacggggugc..... 1
 Gi1_4387618_x1.....aucggagacgucgugAgaacacggggugcc..... 1
 Gi3_28500268_x1.....cgugggaacacgAggugccgaa..... 1
 Gi2_11120793_x1.....gacgucguggAaacacggggugccgaacu..... 1
 Gi5_9089708_x1.....gaucggagGcgucgugggaacacgg..... 1
 Gi5_9092885_x1.....Nugggaacacggggugcc..... 1
 Gi1_4264808_x1.....aucggCgacgucgugggaacacggg..... 1
 Gi5_8884408_x1.....gggaacacgggUugccgaacu..... 1
 Gi2_11079536_x1.....aucggagacgucguAggaac..... 1
 Gi5_8936835_x1.....ggGacacggggugccgaa..... 1
 Gi1_4187734_x1.....ucggagacgucguggGacacggg..... 1
 Gi1_4215914_x1.....gAaacacggggugccgaac..... 1
 Gi1_4274394_x1.....aucggagaAgucgugggaacac..... 1
 Gi3_28803049_x1.....gggaacacgUggugccgaa..... 1
 Gi1_4191461_x1.....cgugggaacacggggCgccgaa..... 1
 Gi2_11321855_x1.....acgCcgugggaacacgggg..... 1
 Gi1_4228255_x1.....agacgucgugggaacacggggCg..... 1
 Gi3_28556832_x1.....agacgucgugggaacacggggugccCa..... 1
 Gi3_28932399_x1.....gaucgAagacgucgugggaacacgg..... 1
 Gi5_9126757_x1.....agacUucgugggaacacggggugccgaac..... 1
 Gi3_28709745_x1.....ggagacgucguggAaacacg..... 1
 Gi2_11092400_x1.....aucggagacgucguggCaacacggggugcc..... 1
 Gi3_28585683_x1.....ucgugCgaacacggggugccgaac..... 1
 Gi2_11059341_x1.....gacgucguAggaacacgggg..... 1
 Gi2_11360641_x1.....gugggaacacgAggugccga..... 1
 Gi1_4216983_x1.....cgugggaacacggggugccAaac..... 1
 Gi2_11203270_x1.....ggagacgucgugggaacacgUggugcc..... 1
 Gi5_8914320_x1.ugcgaucggagacgucgCg..... 1
 Gi3_28488184_x1.....gucgugggaacacgggAugc..... 1
 Gi2_11212702_x1.....cggagacgucgugggaacacggAgugcc..... 1
 Gi1_4272641_x1.....cgugggaaNacggggugc..... 1
 Gi1_4186113_x1.....agacgucguggGacacggg..... 1
 Gi4_581452_x1.....cgAcgugggaacacggggugccgaacu..... 1
 Gi3_28830978_x1.....cggagaUgucgugggaacacggg..... 1
 Gi2_11279987_x1.....agGcgucgugggaacacggggugccgaa..... 1

Gi5_8919052_x1	ucgugggaacacggggugUcgaac	1
G1a_6171226_x1	gUacacggggugccgaacu	1
Gi5_8920619_x1	gagacgucgugggaacacggggugccgUacu	1
Gi2_11000198_x1	gagacgucgugggaacacggggugccgCac	1
Gi2_11326759_x1	acgucgugggaacGcggggugccga	1
Gi5_9061142_x1	cgugggaacacggggugccgaacuC	1
Gi2_11109531_x1	ggGgacgucgugggaacacggggugccgaa	1
Gi2_11197139_x1	aucggagacgucgugggaacUcggggugc	1
Gi2_11302166_x1	agacgucgugggaacacggggguC	1
Gi2_11170853_x1	acgucgugggaacCcggggugccg	1
G1a_6235373_x1	aucggagacgucgugggaacacgAggugcc	1
G1a_6268154_x1	Nugggaacacggggugccgaac	1
Gi2_11383967_x1	gggaacUcggggugccgaac	1
Gi5_8895196_x1	acgucguUggaacacggggugccga	1
Gi1_4320291_x1	acgucgAgggaacacggggugccg	1
Gi1_4210662_x1	gacgucgugggaacacggggugUc	1
Gi3_28580305_x1	gNacacggggugccgaacu	1
Gi3_28887630_x1	cgUagacgucgugggaacacggg	1
G1a_6067513_x1	cgucgugggaacacggggugcc	0
Gi3_28711466_x1	ucgugggaacacgAggugccgaa	1
Gi2_11369247_x1	gaacaGggggugccgaacu	1
Gi3_28305872_x1	aucggaAacgucguggga	1
Gi3_28446645_x1	cgucgugCgaacacggggugcc	1
Gi3_28845923_x1	ucgugggaacGcggggugccgaa	1
Gi3_28758458_x1	gaacacggggugccAaacuu	1
Gi5_8885573_x1	agacgucgugggaacacggggugccgaUcu	1
Gi5_8870040_x1	ucgugggaacacggggguUccgaacu	1
Gi2_11050307_x1	cgAagacgucgugggaacacg	1
Gi2_11248778_x1	cgucgugggaacacggggugccgGa	1
Gi2_11344725_x1	cgucgugCgaacacggggugccg	1
Gi2_11283553_x1	ggagacgucAugggaacacgggggu	1
Gi5_8901598_x1	gagacgucgugggaacacAgggugcc	1
Gi1_4289869_x1	cgugggaacacggggugccAa	1
Gi3_28270302_x1	cgugggaacacggggugcGg	1
Gi1_4257841_x1	ucgugAgaacacggggugccgaac	1
G1a_6352813_x1	cgucgugggaacacggUgugccgaacu	1
Gi1_4167894_x1	cgugggaacacCgggugccgaacuu	1
Gi1_4253804_x1	gaacacggggugccgaGc	1
Gi4_579113_x1	cAucgugggaacacggggugcc	1
Gi3_28544314_x1	gagacgucgugggaacaUggggugc	1
Gi5_8966364_x1	ucgugggaacUcggggugccgaacu	1
G1a_6220338_x1	cggGgacgucgugggaacacggggug	1
Gi4_596344_x1	cgaucggagacgucgugggaacacggg	0
Gi3_28970846_x1	gugggaacacggggugccgaCcuuu	1
Gi2_11285815_x1	gagacgucgugggaacacggggCgcc	1
Gi5_9108995_x1	gugAgaacacggggugccgaa	1
Gi3_28332733_x1	cgagacgucgugggaacGcggggugccgaac	1

Gi2_11323507_x1.....agacAucgugggaacacggggug..... 1
 Gi5_8871754_x1.....gucgugggaacacggggugGcgaacu..... 1
 Gi1_4389094_x1.....gaUcacggggugccgaac..... 1
 Gi2_11230980_x1.....gucgugggaacaAggggugc..... 1
 Gi1_4237793_x1.....ugggaacaAggggugccgaac..... 1
 Gi3_28344063_x1.....cggagacgCcgugggaacacggggugccgaacu..... 1
 Gi2_11183516_x1.....aucggagacgucgugggaacUcgg..... 1
 G1a_6255725_x1.....gaucggagacgucgCgggaa..... 1
 Gi2_11318283_x1.....cAgagacgucgugggaaca..... 1
 Gi2_10995451_x1.....cggagacgucgugggaUac..... 1
 Gi5_9072563_x1.....gagacgucAugggaacacggggugccgaac..... 1
 Gi3_28484062_x1.....ucggagacgucgugggaacacAgggugcc..... 1
 Gi1_4373741_x1.....ucggagGcgucgugggaacacggggugcc..... 1
 Gi5_8949251_x1.....gacgAcgugggaacacggggugccg..... 1
 Gi3_28876506_x1.....gCcgugggaacacggggg..... 1
 Gi3_28525340_x1.....ggagGcgucgugggaacacgg..... 1
 Gi5_9094334_x1.....gaucggagacgucgugggaUacggggg..... 1
 Gi2_11238775_x1.....cgUucggagacgucgugggaacacggggg..... 1
 Gi1_4317479_x1.....cgugggaCcacggggugccga..... 1
 Gi2_11294547_x1.....aucggagacCucgugggaacacggggugc..... 1
 Gi2_11304713_x1.....aucggagacgucgugggaGc..... 1
 Gi5_9012387_x1.....uggUaacacggggugccgaac..... 1
 Gi2_11115858_x1.....gucgugggaacacgggAugcc..... 1
 Gi3_28834695_x1.....guUgugggaacacggggugccgaacuu..... 1
 Gi3_28505872_x1.....acgucgugggaaAacggg..... 1
 G1a_6332446_x1.....gggaacacggAgugccgaac..... 1
 Gi3_28812085_x1.....agacguAgugggaacacggggugccgaac..... 1
 G1a_6314570_x1.....cgugggaacacggggugccUaacu..... 1
 Gi3_28913409_x1.....agacgucgNgggaacacggggugccgaa..... 1
 Gi1_4288263_x1.....gaacacggggugcGgaacu..... 1
 Gi1_4344071_x1.....aGcggagacgucgugggaacacgggg..... 1
 Gi3_28283734_x1.....ggagacgucgugUgaacacggggg..... 1
 Gi1_4283490_x1.....gagacgucgugggGacacggggugccgaac..... 1
 Gi2_11050522_x1.....gCcgugggaacacggggugccga..... 1
 Gi2_11251688_x1.....cgaucAgagacgucgugg..... 1
 Gi2_11194247_x1.....auNggagacgucgugggaacacggggugcc..... 1
 Gi5_8914936_x1.ugcgaucggagacgCcguggg..... 1
 Gi3_28979578_x1.....gacgucgugggaacGcgg..... 1
 Gi5_8855934_x1.....ucguggUaacacggggugccgaacu..... 1
 Gi5_8850452_x1.....acgucguAggaacacggggugccg..... 1
 Gi2_11094707_x1.....gucguggUaacacggggugccgaacu..... 1
 Gi2_11346009_x1.....aucggagacgucgugggaacGcggggugccg..... 1
 Gi3_28586507_x1.....ucggagacgucguAggaacac..... 1
 Gi1_4225270_x1.....cgugggaacacggAgugccga..... 1
 Gi3_28757017_x1.....ucguAggaacacggggugc..... 1
 Gi2_11253260_x1.....ucCugggaacacggggugccgaacu..... 1
 Gi2_11351434_x1.....Nugggaacacggggugcc..... 1

G1a_6297103_x1.....gaacacggggugccgUacu..... 1
 Gi2_11115538_x1.....aucggUgacgucgugggaaacacggggugcc..... 1
 Gi5_8907719_x1.....aNcacggggugccgaacu..... 1
 G1a_6346181_x1.....aucggagUcugcuggggaacacggg..... 1
 Gi1_4347899_x1.....ggaacacggggugccgaacG..... 1
 G1a_6174635_x1.....ucgugggaaacacggggGgccgaacu..... 1
 Gi3_28650794_x1.....gggaaGacggggugccgaac..... 1
 Gi1_4169860_x1.....ggagacgucgugggaaacacggggGgccg..... 1
 G1a_6140352_x1.....gggaacacggggugAcgaacu..... 1
 G1a_6260743_x1.....cgugggCacacggggugccgaacu..... 1
 Gi2_11309510_x1.....aucggagacgucgGggga..... 1
 G1a_6107658_x1.....cggagacgucgugggaaUcacggg..... 1
 Gi5_8989152_x1.....cggagacgucgugggaaacGcggggugccga..... 1
 G1a_6186308_x1.....Ugugggaaacacggggugccgaac..... 1
 Gi5_9002952_x1.....Cagacgucgugggaaacacg..... 1
 Gi1_4170861_x1.....ggagacgucgugggaaacacggggugcc..... 1
 Gi3_28406392_x1.....ggagacgucgugggaaacaUg..... 1
 Gi2_11045643_x1.....gacAucgugggaaacacggggugccgaacu..... 1
 Gi2_11282392_x1.....Cacgucgugggaaacacggggugccg..... 1
 Gi1_4176724_x1.....gaucggagacgucgGgggaacacggggg..... 1
 Gi2_11407091_x1.ugcgauccggagacgucgAgggaaca..... 1
 G1a_6029292_x1.....aCggagacgucgugggaaacacggggugc..... 1
 Gi2_11208194_x1.....gggaacacggggugAcgaac..... 1
 Gi5_9124812_x1.....aucggagaNucgugggaaacacggggugccgaacu..... 1
 Gi2_11212649_x1.....gaucggagacgucgugggaaA..... 1
 Gi3_28545275_x1.....acgucgugggaaacacggggugcGg..... 1
 Gi1_4191460_x1.....ggagacgucgugggaaGcacggggug..... 1
 Gi5_8872390_x1.....cgucgugggaaacacgCggugccgaacu..... 1
 Gi3_28406709_x1.....ucgugggaaNcacggggugccga..... 1
 Gi2_11153262_x1.....cgucgugggaaGcacggggugccgaac..... 1
 G1a_5981512_x1.....acgucgugggCacacggggugccgaacu..... 1
 Gi2_11283667_x1.....acguGgugggaaacacggggugc..... 1
 Gi1_4377172_x1.....ggagacgucgugggaaacacgAggugcc..... 1
 Gi2_11329852_x1.....acgucgugggaaacacggggCgccg..... 1
 Gi2_11342639_x1..gcaucggagacgucgAgggaacac..... 1
 Gi2_11365374_x1.....agacguAgugggaaacacggggugcc..... 1
 Gi5_8882425_x1.....gacAucgugggaaacacggggugccgaacu..... 1
 G1a_6267152_x1.....acgucgugggaaacacggggC..... 1
 Gi5_8990070_x1.....agacgCcgugggaaacacggggugccga..... 1
 Gi2_11141227_x1.....ugggaaacacCggugccgaac..... 1
 Gi3_28299218_x1.....gagacgucgugggaaacGcggggugccg..... 1
 Gi5_9129798_x1.....gugggaaacacggggugGcgaac..... 1
 G1a_6236719_x1.ugcgauccggagacgucgugggaaacaA..... 1
 G1a_6278792_x1...gaucggagacgCcgugggaa..... 1
 Gi3_28717228_x1.....ucggGgacgucgugggaaacacggg..... 1
 Gi3_28728847_x1.Ccgauccggagacgucgugggaaaca..... 1
 Gi5_8830122_x1.....cgugggaaacacggggugccgaacuucU..... 1

Gl1a_6021731_x1.....aucggagacgucgugAga..... 1
Gi2_11142003_x1.....ggagacgucgugggaGcacggggug..... 1
Gi5_8831947_x1.....aucggagacgucgugggaacacgC..... 1
Gi3_28798346_x1.....ggagacgucgugggaacGcggggugccg..... 1
Gi3_28298559_x1.....gggaaAacggggugccga..... 1
Gi2_11003932_x1.....cgugggaacaGggggugccgaac..... 1
Gi3_28898506_x1.....gaucggagacgCcgugggaaca..... 1
Gi2_11033793_x1.....ucggagaUgucgugggaacacggggugccga..... 1
Gi1_4271972_x1.....gaacacggggCgcccgaacuu..... 1
Gi3_28335092_x1.....gaacacggggugccgaag..... 1
Gi2_11405881_x1.....cAaucggagacgucgugggaaca..... 1
Gi1_4203667_x1.....aucggagacgucgugggaGcacgggg..... 1
Gi2_11209429_x1.....gucgugggaacacUgggugccgaac..... 1
Gi2_11143052_x1.....gacgucgugggaacaUggggg..... 1
Gi3_28348224_x1.....gucgNgggaacacggggugccgaacu..... 1
Gi1_4260934_x1.....gaacacggggugcUgaac..... 1
Gl1a_6118693_x1.....ggaacGcggggugccgaac..... 1
Gi3_28912825_x1.....cgucgugggaacacggggugccCaacu..... 1
Gi2_11025453_x1.....ugggaacacggggugccgaG..... 1
Gi3_28835771_x1.....gucguAggaacacggggugccga..... 1
Gi1_4289254_x1.....Cagacgucgugggaacacggggugcc..... 1
Gl1a_6274699_x1.....cgugggaacacggggAgccgaacu..... 1
Gi4_574424_x1.....cgAgggaacacggggugccgaac..... 1
Gi3_28440927_x1.....gaucggagacgucgugggaacacgggU..... 1
Gi3_28285457_x1.....gaucggagacgucgugggaacacgAgggugcc..... 1
Gi3_28752703_x1.....guNgggaacacggggugccg..... 1
Gi1_4294247_x1.....gugggaacacggggugccgG..... 1
Gi2_11241448_x1.....gagacgucNugggaacacggggugcc..... 1
Gi3_28311670_x1.....gggaacacggggugcAga..... 1
Gi2_11119935_x1.....ucggagaUgucgugggaacacggggugccgaac..... 1
Gi3_28376956_x1.....ggagacgAacgugggaacacggggg..... 1
Gi2_11270187_x1.....aucggagCcgucgugggaacacggggug..... 1
Gi1_4273006_x1.....ggaacacggggugccAaa..... 1
Gi1_4159604_x1.....ugggaacaNggggugccgaacuu..... 1
Gi2_11232537_x1.....Ggaucggagacgucgugggaacacggg..... 1
Gi1_4262907_x1.ugcgauccgUgacgucguggga..... 1
Gi3_28408942_x1.....cggagacgucgugggaacacggggGgc..... 1
Gi3_28301295_x1.....acgucCugggaacacggggugccgaacu..... 1
Gi3_28488476_x1.....gggaacacUgggugccga..... 1
Gi2_11402514_x1.....gacgucgugggaGcacggg..... 1
Gi3_28469600_x1.....Ccacggggugccgaacuu..... 1
Gi2_11006413_x1.....gaucggCgacgucgugggaacacgggggug..... 1
Gi1_4242639_x1.....agacgCcgugggaacacggggugccgaacu..... 1
Gi3_28776448_x1.....gugggaacacggggugccgGacuu..... 1
Gi5_9128444_x1.....aucUgagacgucgugggaacacggggugc..... 1
Gl1a_6205048_x1.....ggAaacacggggugccgaacu..... 1
Gl1a_6021679_x1.....gucgCgggaacacggggugcc..... 1

Gi1_4274004_x1.....cgugggGacacggggugccg..... 1
Gi2_11000037_x1....aucgCagacgucgugggaacacggg..... 1
Gi3_28345845_x1....gaucggagacgucgugggaacacgAg..... 1
Gi3_28696299_x1.....cAucgugggaacacgggg..... 1
Gi3_28343116_x1....gaucggagacgucgugggaacUcggg..... 1
Gi1_4167554_x1.....ggagCcgucgugggaacacggggugcc..... 1
Gi3_28325696_x1.....Agagacgucgugggaacacggg..... 1
Gi5_9126357_x1.....gagacgucgugggaacacggggugccgCacu..... 1
Gi3_28788656_x1....gaucggagacgucAugggaacacgggg..... 1
Gi1_4291219_x1.....acgucgugggaacacggggCgccga..... 1
Gi1_4226016_x1.....ucgugggaacUcggggugccgaacu..... 1
Gi3_28866976_x1..gcgaucggagacgucgugggaaA..... 1
Gi2_11399448_x1....cggagaGgucgugggaacacggggugc..... 1
Gi3_28403958_x1.....ggagacgucgugggGaca..... 1
Gi2_11316558_x1..cgauccgagaAgucgugggaacacggggg..... 1
Gi2_11384316_x1.....cgucgugggaacacggggugAcgaac..... 1
Gi2_11066318_x1....auNggagacgucgugggaac..... 1
Gi1a_6338424_x1..gcgaucggagacgucgugggGacacggg..... 1
Gi3_28645013_x1.....gaUcacggggugccgaacuu..... 1
Gi1_4264564_x1.....gucgugggaacCggggugccgaac..... 1
Gi1a_6104088_x1....aucggaAacgucgugggaacacggggugcc..... 1
Gi5_9042045_x1....aucggagacgucgugggaacaAggggu..... 1
Gi2_11162462_x1..ugcgaucggagacgucgugAgaaca..... 1
Gi5_8843946_x1....aucggagacgucgCgggaaca..... 1
Gi4_572863_x1.....gGgggaacacggggugcc..... 1
Gi5_9002342_x1.....gggaacacggggugccUaa..... 1
Gi3_28608585_x1.....cgucgugggaacacggggugccgaaA..... 1
Gi1_4349705_x1....cUgagacgucgugggaacacggggugccga..... 1
Gi3_28777639_x1cuUcgauccgagacgucg..... 1
Gi2_11226058_x1.....aAacgucgugggaacacggggugc..... 1
Gi5_9048108_x1.....cgAcgugggaacacggggugc..... 1
Gi3_28385243_x1....aucggagacgAcguggga..... 1
Gi2_11245932_x1.....gagacgucgCgggaacacggg..... 1
Gi3_28383401_x1.....cgugggaacacgAggugccg..... 1
Gi3_28968995_x1....Gucggagacgucgugggaacacggggug..... 1
Gi2_11175233_x1.....gucgugggaacacggggugccUa..... 1
Gi4_600211_x1.....ucgugggaacacggggugccgGacu..... 1
Gi5_8880969_x1....gaucggagacgucgugggaaAacgggu..... 1
Gi1_4225664_x1..gcgaucggNgacgucgugggaaca..... 1
Gi2_11089030_x1.....gucgugggGacacggggg..... 1
Gi3_28358968_x1.....cgucguggUaacacggggugccgaacu..... 1
Gi3_28593955_x1....gaucggagacgucgugggG..... 1
Gi3_28271374_x1....auGggagacgucgugggaacac..... 1
Gi3_28595566_x1....cCgagacgucgugggaacacggggugc..... 1
Gi2_11123841_x1..Acgaucggagacgucgugggaacacgg..... 1
Gi1_4186002_x1.....cggagacgucgugggaacacggggAgcc..... 1
Gi3_28698219_x1.....ucggagacgucgCgggaacacg..... 1

Gi5_8842613_x1	.....aucggagaNgucgugggaacacggggugcc	1
Gi5_8928931_x1	.....aucggagacCucgugggaacac	1
G1a_6264754_x1	.....gaacacggAgugccgaacu	1
Gi3_28582264_x1	.....ggagacgucgugggGacacggggugccgaacu	1
Gi2_11359988_x1	.....aucggagacgucguggCaacacggggug	1
Gi2_11098890_x1	.....gaucggagacgucguggCa	1
G1a_6194097_x1	.....aacacgAggugccgaacu	1
Gi2_11134096_x1	.....cgucgugggaacacggggugccgaaA	1
Gi2_11122216_x1	.....ucgugggaacacgggUugccgaacu	1
Gi5_9031850_x1	.....gucgugggaacCggggugc	1
Gi2_11186675_x1	.....guAgugggaacacggggugc	1
Gi1_4202225_x1	.....ggagacgucgugggaacacggggA	1
Gi2_11192913_x1	.....gaucggagacgucguggCacacgggg	1
Gi2_11326366_x1	.....uCggaacacggggugccgaacuu	1
Gi5_9127997_x1	.....agacgucgugggaacacgAggugccgaacu	1
Gi5_8958855_x1	.....Gcgucgugggaacacggggugccgaacuuu	1
G1a_6102441_x1	.....gucgGgggaacacggggugccgaacu	1
Gi1_4224402_x1	.....gcgaCcgagacgucgugggaacacggggugcc	1
Gi2_11316565_x1	.....gagacgucNugggaacacggggugccg	1
G1a_6061559_x1	.....gugggaaUacggggugcc	1
Gi2_11066590_x1	.....acgucgugggaCcacggggugccgaa	1
Gi2_11177349_x1	.....gaucggagacguUgugggaacacg	1
Gi1_4315132_x1	.....aUacgucgugggaacacggggug	1
Gi3_28920180_x1	.....aucggagacgucgugggaacaAgg	1
Gi5_8920118_x1	.....ugcgauccgagacAucgug	1
Gi5_8986576_x1	.....agacgucgugggGacacgggg	1
Gi3_28613139_x1	.....aucggagacgucgGgggaacacgg	1
Gi2_11002789_x1	.....acUucgugggaacacggggugcc	1
Gi3_28882733_x1	.....gacgucgugggaacacgAggugccgaac	1
Gi2_11258111_x1	.....gaucggCgacgucgugggaaca	1
Gi3_28431727_x1	.....Uagacgucgugggaacacggggugc	1
Gi3_28709324_x1	.....ucggagacgucguAggaacacggggugccga	1
Gi3_28831454_x1	.....gucgugggaacacggUuguccgaac	1
Gi3_28674912_x1	.....cgGcgugggaacacggggug	1
Gi3_28341371_x1	.....ucggUgacgucgugggaacacg	1
Gi3_28685726_x1	.....ggagacgucgugggaacCgggg	1
Gi3_28685508_x1	.....gugggaUcacggggugccg	1
Gi5_8892493_x1	.....cgucgugggaacaUggggugc	1
Gi1_4160997_x1	.....ggagacgucgugggaacacggggugcU	1
Gi2_11227566_x1	.....cgucgugggaacCggggugccgaac	1
Gi3_28708404_x1	.....cgucgugggaacacgggA	1
Gi1_4243622_x1	.....ucgAagacgucgugggaacacggg	1
Gi5_8916538_x1	.....ggagacgucgugggaGca	1
G1a_5985725_x1	.....aCcgagacgucgugggaacacg	1
G1a_6167777_x1	.....ggaacacggggugccgaa	0
Gi2_11377828_x1	.....uUggagacgucgugggaacacgggg	1
Gi3_28913129_x1	.....gugggaUcacggggugccgaa	1

Gi2_11162846_x1.....cggagacgucgugggaacaUggggg.....	1
Gi3_28776890_x1.....cggagacgucgGgggaacacggggugc.....	1
Gi5_8919435_x1.....ucggagacgucgGgggaacacg.....	1
Gi5_8901062_x1.....gugggaacacggggugccgaGcuuu.....	1
Gi3_28450023_x1.....ucgugggaUcacggggugccgaac.....	1
Gi2_11093380_x1.....ugggaacUcggggugccg.....	1
Gi1_4182043_x1.....gacguUgugggaacacggggugccgaacu.....	1
Gi3_28684587_x1.....ucguCggaacacggggugccgaa.....	1
Gi2_11154505_x1.....ucggagacgucgugggaacacggggGgc.....	1
Gi5_8898858_x1.....cggagacgucgCgggaacacgg.....	1
Gi3_28721043_x1.....ucggagacgucgugggCacacgg.....	1
Gi5_9022941_x1.....cgCgggaacacggggugccg.....	1
Gi1_4180935_x1.....agacgucgugggaacacAgg.....	1
Gi2_11376716_x1.....cgucguAggaacacggggugccgaac.....	1
Gi3_28550286_x1.....ugggaaAacggggugccg.....	1
Gi2_11117672_x1..gcgaucggagacgucgugggaacGc.....	1
G1a_6228389_x1....aucggagacgucgugggUcacggggug.....	1
G1a_5996251_x1.....aUcacggggugccgaacu.....	1
Gi5_8951174_x1....aucggagacgucgugggCacacggggg.....	1
Gi1_4200769_x1.....ggaacacgCggugccgaacu.....	1
Gi3_28283830_x1.....ucguAggaacacggggugcc.....	1
G1a_6267144_x1.....gggCacacggggugccgaa.....	1
Gi5_9080605_x1.....ggaacacgggCugccgaac.....	1
Gi1_4230356_x1.....ugggaacacggggugccgaCcuu.....	1
G1a_6293632_x1....aucggagacgCcgugggaacacggggg.....	1
Gi1_4353970_x1.....ggaacacgggAugccgaa.....	1
Gi1_4265337_x1.....cgucgugggaacacggggugcA.....	1
Gi3_28863567_x1....gaucCgagacgucgugggaacacggg.....	1
Gi5_9136098_x1.....gucgugggaacacggggCgccgaac.....	1
Gi5_9122136_x1.....ggagacgucgugggUcacggggugccgaac.....	1
Gi3_28944585_x1.....gagacgucgugggaacacggggugccgCac.....	1
Gi1_4370999_x1.....ugggGacacggggugccgaacu.....	1
Gi3_28984405_x1.....gggaacacCgggugccga.....	1
Gi3_28529042_x1.....cggagacgucgugggaacacggggugGc.....	1
Gi1_4267719_x1.....acgucgugggaacacggggugccgG.....	1
Gi2_11293961_x1..gcgaucggagacgucCuggga.....	1
G1a_6310935_x1.....acgucgugNgaacacggggugccgaacu.....	1
Gi4_581821_x1...cgauccggagacgucgugggaacacg.....	0
Gi3_28366023_x1....aucggagaNgucgugggaacacggggugccgaac.....	1
Gi3_28371975_x1.....cggauacgucgugggaacacggg.....	1
Gi3_28732886_x1....gaucggagacgucgugggGacacgg.....	1
Gi5_9065802_x1.....ugggaacacggggCgccgaacu.....	1
G1a_6154411_x1....ucggagacgucgugggCacacggggg.....	1
Gi3_28310555_x1..cgUucggagacgucgugggaacacggggugcc.....	1
Gi2_11149992_x1.....cgucgugggaacCggggugccgaa.....	1
Gi5_8848723_x1.....gugggaacacggggugAcgaacu.....	1
Gi2_11379577_x1....gaucggagacgucgugggaacacggAg.....	1

Gi1_4185100_x1	.....gacgGcgugggaacacggggugccgaacu	1
Gi1_4321439_x1	.....Cgagacgucgugggaacacggggugccg	1
Gi2_11085992_x1	.....uggaacacggggugccgaacuA	1
Gi3_28926728_x1	.....agacgucgugggGacacggggg	1
G1a_6104325_x1	.....Gggagacgucgugggaacacggggug	1
Gi5_9028734_x1	.....agacgucgugggaacacggggC	1
Gi5_9042728_x1	.....Ugugggaacacggggugccg	1
Gi2_11288922_x1	.....aucggagacguUgugggaacacggg	1
Gi3_28701033_x1	.....ucgugggaacacgggggAcc	1
Gi1_4353662_x1	.....ucgugggaNcacggggugccga	1
Gi5_9026751_x1	.....cggagacgNcgugggaacacg	1
Gi1_4377469_x1	.....aucggagacgucgugggaGcacggggugc	1
Gi5_8978347_x1	.....gugNgaacacggggugccgaac	1
Gi2_11101820_x1	.....gagacUucgugggaacacggggugccgaac	1
Gi4_581968_x1	.....ugggUacacggggugccgaacu	1
Gi3_28296902_x1	.....ggaacacgggAugccgaa	1
Gi1_4201007_x1	.....gugggaacaAggggugccgaacu	1
Gi4_579560_x1	.....gAcgugggaacacggggugccgaacu	1
Gi5_9118463_x1	.....gugggaacacggggugccgaacuucU	1
Gi2_11010536_x1	.....cgauccgagacgucgugAgaacacggg	1
Gi5_8921649_x1	.....cgucgugggaacacggggugccgC	1
Gi3_28395315_x1	.....gucgugggaacacgggCugccga	1
Gi2_11343422_x1	.....gagacgucgugggaacacggggugccU	1
G1a_6228580_x1	.....gugggaacacggggAgccga	1
Gi1_4212425_x1	.....ugggaacacggCgugccgaac	1
Gi5_8993553_x1	.....acgucgugggaacacgAggugccga	1
Gi1_4199754_x1	.....cggagacgucgugggaGca	1
G1a_6004252_x1	uCcgaucggagacgucguggga	1
Gi5_8901159_x1	.....gucgugggaacacggggugccgCac	1
Gi3_28387725_x1	.....Ggacgucgugggaacacggggugccgaa	1
Gi2_10995035_x1	.....acacggggugccgaacu	0
Gi5_9085140_x1	.....gaNcgagacgucgugggaacacggggugc	1
Gi2_11049929_x1	.....ucgugggaacacggCgugccgaac	1
Gi5_9013684_x1	.....ggagacguNgugggaaca	1
Gi1_4389112_x1	.....gacgucgugggCacacggggugccgaac	1
Gi3_28419620_x1	.....agacgucgugggUacacggggugccgaacu	1
Gi1_4212620_x1	.....acgucgugggaacacggggugccAaacuu	1
Gi2_11395899_x1	.....ucggagacgucgugggGacacggggg	1
Gi1_4357332_x1	.....ucggagGcgucgugggaacacggg	1
G1a_6010336_x1	.....Cugggaacacggggugccgaa	1
Gi3_28962588_x1	.....gUacacggggugccgaacu	1
Gi2_11149660_x1	.....cgucgugggaUcacggggugccgaacu	1
Gi1_4296549_x1	.....ugggaacacggggugccgG	1
Gi3_28390360_x1	.....gacNucgugggaacacggggugccgaac	1
Gi5_9120656_x1	.....gaCcacggggugccgaac	1
Gi2_11396301_x1	.....aUacgucgugggaacacggggugccgaa	1
Gi5_9001834_x1	.....acgucgugggaGcacggggugcc	1

Gi5_9133202_x1.....aucggagaAgucgugggaacacg..... 1
 Gi1_4352745_x1.....agacgucgugggCacacggg..... 1
 Gi1_4388622_x1.....cgugggaacacAgggugccgaa..... 1
 Gi2_11037769_x1.....gagacgucgugggaacacggggugcAgaacu..... 1
 Gi3_28519658_x1.....cggagacgucgugggaacacggggugccgaCcu..... 1
 Gi2_11067835_x1.....gucgugggUacacggggugcc..... 1
 Gi3_28536161_x1.....aucggagacgucgugCgaacacggggugcc..... 1
 Gi2_11150795_x1.....ggagacgucgugggaacacggggugccgaacA..... 1
 Gi3_28272552_x1.....gacgucgugggaacacggggugccgaaAu..... 1
 Gi3_28914168_x1.....gagacgucNugggaacacggggugccgaac..... 1
 Gi3_28615852_x1.....cggagacgucgugggaacacggCgugcc..... 1
 Gl1a_6267886_x1.....aucAgagacgucgugggaacacgggg..... 1
 Gl1a_6225477_x1...Agaucggagacgucguggga..... 1
 Gi1_4278275_x1.....agacgucgCgggaacacggggugcc..... 1
 Gi1_4359484_x1.....Agucgugggaacacggggugcc..... 1
 Gi2_11016549_x1.....acgucgugggaacacggAgugc..... 1
 Gi4_576311_x1.....aucggagacgucgugggaGcacggggu..... 1
 Gi3_28461471_x1.....aCacgucgugggaacacggggu..... 1
 Gi2_11271456_x1.....agacgucgugggaacCggggugccgaacu..... 1
 Gi1_4210007_x1.....gacgucgugggaacacgCggugccgaacu..... 1
 Gl1a_6022297_x1.....aucggagacgucgugggaacacgUggg..... 1
 Gi5_9065795_x1.ugcgauccgagacCucgug..... 1
 Gi3_28645186_x1.....cgucgugggaacacgUggugccgaa..... 1
 Gi2_11111970_x1.....gagacgucgGgggaacacggggugcc..... 1
 Gi3_28946482_x1.....acgucgGgggaacacggggugccga..... 1
 Gi2_11305659_x1.....aucggagacgucgugggaacacgCgugc..... 1
 Gi3_28278938_x1.....aucggagacgucgugggaacacggggGg..... 1
 Gi5_9009949_x1.....gugggaacacggggugccgaCcuuu..... 1
 Gi2_11046776_x1.....ggagacgucgugggaacacgggggUA..... 1
 Gi3_28367784_x1.....gucgugggNacacggggugccg..... 1
 Gi5_8912591_x1.....gCagacgucgugggaacacggggugccgaacu..... 1
 Gi1_4287872_x1.....Ccgagacgucgugggaacacggggugcc..... 1
 Gi2_11049427_x1.....cgucgugggaacacggggugccAaac..... 1
 Gi3_28277162_x1.....gaNcacggggugccgaac..... 1
 Gi5_8950790_x1.....acgucgugggaacacggggugccgaUc..... 1
 Gi3_28370863_x1...cgauccAgagacgucgugggaacacgg..... 1
 Gi3_28636792_x1.ugcgauccNagacgucgugggaacacggg..... 1
 Gi3_28737263_x1.....aUgucgugggaacacggggugccga..... 1
 Gi2_11117814_x1.....agacgucgugggaacacggggGgc..... 1
 Gi2_11336807_x1.....cgNcgugggaacacggggugccga..... 1
 Gi1_4351741_x1.....ggagacgucgugggaacacAgggugccg..... 1
 Gi3_28910115_x1...gaucAgagacgucgugggaac..... 1
 Gi3_28609319_x1.....gucgugggaacacgUggugcc..... 1
 Gi1_4324705_x1.....Cugggaacacggggugccga..... 1
 Gi5_8840126_x1.ugcgauccgagacgucgCggga..... 1
 Gi2_11396992_x1.....Uagacgucgugggaacacg..... 1
 Gi1_4251096_x1.....ugggaacacggggugccgaCc..... 1

Gi2_11051109_x1.....acgucgugggaacacAgggugccgaac..... 1
Gi3_28544087_x1...gaucggagacgucguAggaacacggggu..... 1
Gi5_9093918_x1.....acgucgugggaacacggCgugccgaacu..... 1
G1a_6048821_x1...gaucggagacguGgugggaacacggg..... 1
Gi3_28329246_x1.....gagacgucguggUacacg..... 1
Gi3_28305390_x1...gaucUgagacgucgugggaacacggg..... 1
Gi1_4255511_x1.....gugggCacacggggugccgaacu..... 1
Gi5_9002749_x1.....agacgCcgugggaacacggggugcc..... 1
Gi1_4387461_x1.....ucgugggaacacggggugcU..... 1
Gi3_28352131_x1...aucgAagacgucgugggaacacggggugcc..... 1
Gi2_11279985_x1.ugcgauccgagCcgucguggga..... 1
Gi4_573194_x1.....gggaacacggggGgccgaac..... 1
G1a_6096799_x1...aucggGgacgucgugggaacacggggug..... 1
Gi5_9117987_x1...cggagacgucguggAaacacggggugcc..... 1
G1a_6256606_x1...gaucggagaUgucgugggaacacggg..... 1
Gi2_11140796_x1...Caucggagacgucgugggaac..... 1
Gi5_8864756_x1.....cgugggaacacggggugccgaacuuu..... 0
Gi5_8852407_x1.....guggAaacacggggugccg..... 1
Gi2_11050836_x1.....cgucgugggaacacggggguAcc..... 1
Gi2_11383022_x1.....ggagacgucguggGacacggggugccga..... 1
G1a_6240322_x1...gaAacggagacgucgugggaacacggggug..... 1
Gi5_9109384_x1...aucggagacgucgugggaacGcggggugc..... 1
Gi2_11141086_x1.....gCagacgucgugggaacacggggugc..... 1
G1a_5990736_x1...Uaucggagacgucgugggaacacggg..... 1
Gi2_11181534_x1.....ggCaacacggggugccgaac..... 1
Gi2_11327067_x1.....acgucgugggaacacggggUc..... 1
Gi3_28951396_x1...gaucggagacgucguggGacacggggug..... 1
Gi1_4328034_x1.....gagGcucgugggaacacggggugccgaacu..... 1
Gi3_28317941_x1.....agacgucgugggaGcacgggg..... 1
Gi3_28591313_x1.....gucguggGacacggggugccg..... 1
Gi1_4325097_x1.....acgucgugNgaacacggggugccg..... 1
Gi2_11340820_x1.....CgagacgucgugggaacacggggU..... 1
Gi1_4294699_x1.....gugggaacacggggugAcg..... 1
Gi2_11283134_x1.....cguGgugggaacacggggugccgaacu..... 1
Gi2_11337680_x1...cgaCcgagacgucgugggaaca..... 1
Gi2_11196410_x1.....Aacgucgugggaacacggggugccgaac..... 1
Gi3_28688954_x1...aucggagacgucgugggaacUcg..... 1
Gi1_4358823_x1.ugcgauccgagacgucguggG..... 1
Gi1_4236708_x1.....cgucgugggaacacAgggugc..... 1
Gi2_11081759_x1.....ucguggAaacacggggugcc..... 1
Gi3_28802363_x1.....Acgugggaacacggggugccgaa..... 1
Gi3_28773605_x1.....ucgugggaacacggggAgccgaa..... 1
Gi5_8834795_x1.....caUggggugccgaacuuu..... 1
Gi3_28640773_x1.gcgauccgCgacgucgugggaac..... 1
Gi5_8982859_x1...aAcggagacgucgugggaacacg..... 1
Gi3_28451035_x1...aucggagaGgucgugggaacacgggg..... 1
Gi5_8868039_x1.....acgucGgggaacacggggugccg..... 1

Gi3_28496355_x1.....cgucgugAgaacacgggg..... 1
 Gi3_28421892_x1.....cgugggaacacgggguUcc..... 1
 Gi1_4353009_x1.....ggaacacggggugccAaacuu..... 1
 Gl1a_6309915_x1.....gAagacgucgugggaacac..... 1
 Gi1_4204723_x1.....ggaacacgggAugccgaac..... 1
 Gi5_8938603_x1.....acgucgCgggaacacggggugccga..... 1
 Gi3_28323001_x1.....ucgugggaacacggggCg..... 1
 Gi2_11313935_x1.....guCggaacacggggugccga..... 1
 Gi3_28266750_x1.....cgaucggagacgucgugggaCcacggggugc..... 1
 Gi2_11244373_x1.....cgugggaacacgggCugc..... 1
 Gl1a_6113405_x1.....aucggagUcugcugugga..... 1
 Gi2_11043145_x1.....gugggaCcacggggugccg..... 1
 Gi3_28808487_x1.....gaucgAagacgucgugggaacacggggugcc..... 1
 Gi2_11182627_x1.....cgugggUacacggggugcc..... 1
 Gi3_28855034_x1.....gaCcgagacgucgugggaacacgggg..... 1
 Gi3_28693973_x1.....agacgucgugggaacacgggAugcc..... 1
 Gl1a_6178726_x1.....Caucggagacgucgugggaacacggg..... 1
 Gi1_4214702_x1.....ggaacacggggugccgCacuu..... 1
 Gi2_11205191_x1cugcgauCNagacgucgugggaacac..... 1
 Gi1_4272561_x1.ugcgaCcgagacgucguggga..... 1
 Gi2_10992763_x1.....cgaucggaAacgucguggga..... 1
 Gi3_28966487_x1.....aucggagacgucgugggC..... 1
 Gi3_28423613_x1.....gCcgugggaacacggggugccgaa..... 1
 Gl1a_6017874_x1.....gugggaacacgggAugccgaac..... 1
 Gi3_28639240_x1.....aCcgagacgucguggga..... 1
 Gi3_28626442_x1.....gucgugggaacacgggguUccgaacu..... 1
 Gi3_28358481_x1.....cgucgugUgaacacggggugccgaac..... 1
 Gl1a_6105516_x1.....ugggaacacggUgugccgaacu..... 1
 Gi2_11392362_x1.....cgucgugggaacacCgggugcc..... 1
 Gi5_8859094_x1.....aAcggagacgucgugggaacacgggggu..... 1
 Gi3_28383594_x1.....gucUugggaacacggggugccgaacu..... 1
 Gi2_11075460_x1.....cgugggUacacggggugccga..... 1
 Gi3_28470174_x1.....acgucgugggaacacgggCugccgaacu..... 1
 Gi3_28723983_x1.....acgCcgugggaacacggggugccga..... 1
 Gi1_4233384_x1.....cguUggaacacggggugccgaac..... 1
 Gi2_11337136_x1.....gaucggagacgucgugggUacacggg..... 1
 Gl1a_6286137_x1.....Agagacgucgugggaacacgggggu..... 1
 Gi3_28376670_x1.....gucgugggaacacggggugcUga..... 1
 Gi3_28439009_x1.....auAggagacgucgugggaac..... 1
 Gi2_11334057_x1.....acgucgugggaacacggggUac..... 1
 Gi2_11101105_x1.....cggagacgucgugggaacUc..... 1
 Gi2_11066836_x1.....ucCugggaacacggggugccgaac..... 1
 Gi1_4374172_x1.....Ugugggaacacggggugccgaa..... 1
 Gi1_4357092_x1.....cgucgugggaacacggggugcGgaacu..... 1
 Gl1a_6050312_x1.....gggaacacggggGgccgaac..... 1
 Gi3_28316642_x1.....gauGggagacgucgugggaacacgggggu..... 1
 Gi1_4319560_x1.ugcgaucggagacguAguggga..... 1

Gi1_4220550_x1.....uCggaacacggggugccg..... 1
 Gi3_28641239_x1...gaucgAagacgucgugggaacacg..... 1
 Gi3_28749840_x1.....agGcgucgugggaacacgggg..... 1
 Gi5_8942100_x1....aucggagaUgucgugggaacacggggugc..... 1
 Gi1_4286095_x1.....ggagacgucgugggaUcacggggugcc..... 1
 Gi1_4301727_x1.....gGgggaacacggggugccgaa..... 1
 Gi3_28412574_x1...cgaucggagacguAguggg..... 1
 Gi1_4195261_x1.....ggaNcacggggugccgaacu..... 1
 Gi3_28643295_x1.....ucgugggaacacggggguCccgaac..... 1
 Gi5_9132143_x1.....gugggaacacggggugUcg..... 1
 Gi1_4386832_x1.....cgugggaacacggUgugccgaacu..... 1
 Gi5_9137869_x1.....cgucgCgggaacacggggugccga..... 1
 Gi5_9061018_x1.....gagacgucgugggaUacggggugcc..... 1
 Gi1_4189844_x1.....ucgugggUacacggggugccgaac..... 1
 Gi3_28682920_x1.....cgucgugggaacacggggugccUaac..... 1
 Gl1a_6239717_x1.....ggagacgucgugggaacacggggGgcc..... 1
 Gi3_28508747_x1.....gaUacgucgugggaacacggggugcc..... 1
 Gi5_8846803_x1.....agUcgucgugggaacacggggugccga..... 1
 Gi3_28727375_x1...gUucggagacgucgugggaacacgg..... 1
 Gi5_9085734_x1.ugcgaucggGgacgucguggg..... 1
 Gi5_8838329_x1.....ucgugggaacacUggggugccgaac..... 1
 Gi2_11047973_x1.....cacggggugccgaacuuu..... 0
 Gi2_11371211_x1....aucggagacguUgugggaaca..... 1
 Gi3_28678342_x1...gaucggagacgCcgugggaac..... 1
 Gi2_11114016_x1....aucggagacgucguUggaacacggggg..... 1
 Gi4_580071_x1....agacgucgugggaGcacggggugcc..... 1
 Gl1a_6032606_x1.....gugggaacacggAgugcc..... 1
 Gi5_9002070_x1.....gacgucgugggaacacggggugccgaaGu..... 1
 Gi5_8884807_x1.....cgGcgugggaacacggggugcc..... 1
 Gl1a_6133257_x1.....gugggaacCcgggugccga..... 1
 Gi2_11216679_x1.....ggagacgucgugggaacacggggugGc..... 1
 Gi3_28905800_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
 Gl1a_6080479_x1....aucggagacgCcgugggaacacggg..... 1
 Gi2_11096584_x1.....agacgucgugggaacacggCgugccgaacu..... 1
 Gi1_4171532_x1.....cgugggaaNacggggugccgaa..... 1
 Gi3_28884445_x1...gaucgAagacgucguggga..... 1
 Gi2_11274013_x1.....gagGcgucgugggaacacggggugcc..... 1
 Gl1a_6277796_x1.....gacAucgugggaacacggggugccgaacu..... 1
 Gi2_11026953_x1.....Ugucgugggaacacggggugc..... 1
 Gl1a_6319371_x1...gaucggagNcgucgugggaacacgg..... 1
 Gl1a_6354557_x1....aucggagacgucgugggUacacggggugcc..... 1
 Gl1a_6296126_x1....Gucggagacgucgugggaacacggggug..... 1
 Gi3_28562618_x1.....cggagacgucgugggaacacggggugccU..... 1
 Gi2_11396022_x1.....agacgucguggAaacacggggugccgaacu..... 1
 Gi3_28665898_x1....aucggagacgucguggCaacac..... 1
 Gi2_11304503_x1...gaucggagacgucgugggaacacgggCu..... 1
 Gi1_4309413_x1.....ucgugggaacacggAgugcc..... 1

Gi2_11049566_x1.....ggagGcgucgugggaacacggggugccga..... 1
Gi3_28983947_x1.....cgNgggaacacggggugccg..... 1
Gi5_9075514_x1.....cgucgugggaacacggggCgcc..... 1
Gi1_4296039_x1.....ucggagCcgucgugggaacacg..... 1
Gi3_28753298_x1.....Cagacgucgugggaacacggggugccga..... 1
Gi3_28817096_x1.....gNucggagacgucgugggaacacggggg..... 1
Gi5_9052335_x1.....aucggagacgucgugggaacGcggggg..... 1
G1a_5994533_x1.....cgugggaaUacggggugcc..... 1
Gi2_11220667_x1.....ucgugggaacCcggggugcc..... 1
Gi2_11221812_x1.....cgugggaacacggggugccCa..... 1
Gi5_8942592_x1.....gagacgCcgugggaacacggggugccgaacu..... 1
Gi2_11243256_x1.....cgugggaacacggggugGcg..... 1
Gi3_28611007_x1.....ucgugggaacaUggggugccgaa..... 1
Gi1_4229685_x1.....gaucggagacgAcguggga..... 1
Gi5_8989656_x1.....cggagacgNcgugggaacacggg..... 1
Gi1_4198265_x1.....ggaacacggggugUcgaac..... 1
Gi5_8918902_x1.....Gucggagacgucgugggaacacggggugc..... 1
Gi2_11227110_x1.....gaucggagGcgucgugggaaca..... 1
Gi3_28545922_x1.....cgaucggagacgucguggA..... 1
Gi3_28734763_x1.....aucggagacgucguCggaacacggggugcc..... 1
Gi3_28764172_x1.....acacggggugcAgaacuu..... 1
G1a_6065618_x1.....gggaacacggggugccgCac..... 1
G1a_6219202_x1.....ggaacacgUggugccgaacu..... 1
Gi2_11184356_x1.....Naucggagacgucgugggaacacgggg..... 1
Gi3_28621897_x1.....cgugggaacacggggugGcga..... 1
Gi4_598628_x1.....ucgugggaacacggggugccgaaAu..... 1
Gi1_4310333_x1.....ucggagacgucgugggaacacggggugccgaCcu..... 1
Gi2_11363769_x1.....ggagacgucgugggaacacggg..... 0
Gi3_28362740_x1.....gacgucgugggaaGacggggugcc..... 1
Gi3_28484871_x1.....gGcgucgugggaacacggggugc..... 1
Gi5_9002715_x1.....acgucAugggaacacggggugccgaac..... 1
Gi3_28261837_x1.....aucggaAacgucgugggaacac..... 1
Gi5_8830987_x1.....cgucgugggaacCcggggugccgaa..... 1
Gi3_28884493_x1.....gagacgucgugggaCcacggggugccgaa..... 1
Gi2_11377300_x1.....guggCaacacggggugccgaa..... 1
Gi2_11266148_x1.....cgaucggagacgucgugggaUacggggug..... 1
Gi3_28469301_x1.....gaucggagacgucgugggaUacggggug..... 1
G1a_6354139_x1.....gaucggagacgucgCgggaacacg..... 1
Gi3_28942390_x1.....guUgugggaacacggggugccg..... 1
Gi3_28657938_x1.....agacgucgugggaacaAggggugccgaa..... 1
G1a_6023048_x1.....aucggagacgucgugggaGacgg..... 1
Gi3_28923617_x1.....ggaacacgCgggugccgaa..... 1
Gi2_11178993_x1.....ucggagacguUgugggaacacgggg..... 1
Gi5_9094470_x1.....gauUggagacgucgugggaacacgg..... 1
Gi3_28386764_x1.....gCucggagacgucgugggaacacgggg..... 1
Gi3_28282448_x1.....cggagacgucgGgggaacacggggugccga..... 1
G1a_6066440_x1.....gaucggagacAucgugggaacacggggg..... 1

Gi2_11377321_x1.....gucgugAgaacacggggugcc..... 1
 Gi3_28915272_x1.....gucgugggaacaccgAgugccgaa..... 1
 Gi1_4194444_x1.....gaUacgucgugggaacacggggugccgaac..... 1
 Gi1_4218111_x1.....uggaacGcggggugccgaacu..... 1
 Gi3_28282999_x1.....cgucguggCaacacggggugccgaa..... 1
 Gi5_9057956_x1.....Ucgucgugggaacacggggugcc..... 1
 Gi2_11081520_x1.....cgugggaacacUggggugccga..... 1
 Gi2_11098686_x1.....acgCcgugggaacacggggugc..... 1
 Gi1a_6273551_x1...gaucggagacgucgugggaacacAgg..... 1
 Gi1_4385542_x1.....ugggaacacggggugGcgaacu..... 1
 Gi2_11052966_x1.....cgugggaacUcggggugc..... 1
 Gi5_9052491_x1.....gggaacacgggAugccgaa..... 1
 Gi5_9063163_x1.....gagacgucgugggaacacggggugccga..... 0
 Gi2_11080532_x1.....gucNugggaacacggggugcc..... 1
 Gi5_9071272_x1.....Gggagacgucgugggaacacggggugcc..... 1
 Gi2_11359900_x1.....cggagacgucgugggaGcacggggug..... 1
 Gi5_8953989_x1.....cggagacgucgugggaacCcggg..... 1
 Gi5_9110503_x1.....gacguUgugggaacacggggugccgaacu..... 1
 Gi5_9119067_x1...gaucggagacgucgugggCacacgggggu..... 1
 Gi3_28844831_x1.....ucgugggCacacggggugccg..... 1
 Gi5_9090061_x1.....gugggaacacggggugcU..... 1
 Gi5_9107454_x1...aucggagacgucguCggaaca..... 1
 Gi1_4262353_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
 Gi3_28284230_x1.....agacgucgugggaacacggggugAcgaac..... 1
 Gi1_4278034_x1...aucggagacguUgugggaacacgggggu..... 1
 Gi1_4282937_x1.....gaacacggggugccgaGcu..... 1
 Gi3_28272360_x1.....ucggagacgucgugggaCcacggggugcc..... 1
 Gi2_11246362_x1.....gucguggAaacacggggugc..... 1
 Gi1a_6039493_x1.....gugAgaacacggggugccga..... 1
 Gi1a_6311154_x1...Gucggagacgucgugggaacacggggugc..... 1
 Gi1a_6207866_x1...aucggagacgucgugggaacacggggugcc..... 1
 Gi2_11339566_x1...cgaucggCgacgucgug..... 1
 Gi3_28505302_x1...cgaucggagacgucgugggaGcacg..... 1
 Gi3_28930894_x1.....gacgucgugggaacaAggggugccgaacu..... 1
 Gi2_11029496_x1.....cguNgugggaacacggggugccga..... 1
 Gi3_28592873_x1.....ucguUggaacacggggugccgaa..... 1
 Gi3_28685837_x1.....ugggaacacggggugccgaC..... 1
 Gi2_11262885_x1.....acguUgugggaacacggg..... 1
 Gi3_28898609_x1.....acgucgugggaUacggggugc..... 1
 Gi2_11286771_x1...gaucggagacgucguggUaacac..... 1
 Gi3_28472402_x1.....acgucGgggaacacggg..... 1
 Gi3_28555076_x1.....cggagacgucguggGacacggggugccgaa..... 1
 Gi3_28790512_x1...aucggagacgCcgugggaacacg..... 1
 Gi3_28388768_x1...gaucggagacgucgugggCac..... 1
 Gi1a_6262195_x1.....ggaacacggggugccgCac..... 1
 Gi2_11369715_x1...aucggagacgucgugCga..... 1
 Gi3_28654801_x1.....ggagacgucgugggaacacgg..... 1

Gi2_11269530_x1.....gacgucgugggUacacggggugccg..... 1
 Gi4_577620_x1....aucggagacgucgCgggaacacgggg..... 1
 Gi1_4290876_x1.....aacacggggugccgaaGu..... 1
 Gi5_8865706_x1.....ugggaacacgggAugccgaa..... 1
 Gi2_11268480_x1.....ggCgacgucgugggaaacacggggugccg..... 1
 Gl1a_6287046_x1....aucggagaUgucgugggaaacacgg..... 1
 Gi2_11169569_x1.....Agugggaacacggggugccgaa..... 1
 Gi1_4274446_x1.....ugggCacacggggugccgaaacu..... 1
 Gi3_28628344_x1....aucggagUcgucgugggaaacacgggg..... 1
 Gi2_11094568_x1.....ggGacacggggugccgaa..... 1
 Gi3_28306897_x1...gaucggagGcgucgugggaaac..... 1
 Gi3_28747708_x1.....gucgugggaaacaAggggugcc..... 1
 Gi5_9079325_x1.....cgucgugggaaacGcggggugcc..... 1
 Gl1a_6219313_x1...gaucggagacgCcguggg..... 1
 Gi5_8840899_x1.....ggagacgucgugAgaacacggggugccgaaacu..... 1
 Gi1_4350968_x1.....cgucgugggaaacacggggugccgCac..... 1
 Gi1_4344880_x1.....acgucgugggaaAacggggugcc..... 1
 Gi3_28366884_x1.....gucgugggaaacaAggggu..... 1
 Gi1_4318897_x1.....gaacacUgggugccgaaacu..... 1
 Gi1_4363032_x1.....gaacacggggGgccgaaacu..... 1
 Gi1_4376885_x1.....gagacgucgugggaaacacggggCgccgaaacu..... 1
 Gi2_11152408_x1.....ggagacgucgugggaaacacggggA..... 1
 Gi2_11355053_x1....aucggagacgucUugggaacacggg..... 1
 Gi5_9110036_x1.....aAgucgugggaaacacggggugccgaaac..... 1
 Gi3_28880029_x1.....cgucUugggaacacgggg..... 1
 Gi2_11150213_x1.....cgucgugggaaacaAggggugccga..... 1
 Gl1a_6311891_x1.....gugggaacacggggugccgaG..... 1
 Gi1_4281922_x1.....gugggaacacggggGgccga..... 1
 Gi2_11245380_x1.....gugggaacacggggGgccgaaacu..... 1
 Gi3_28564493_x1....aucggagacgucgGgggaacacggggugcc..... 1
 Gi1_4333061_x1.....aacacgggUugccgaaacu..... 1
 Gi3_28665445_x1.....gucgugggaaacacCgggugccgaaac..... 1
 Gi3_28380579_x1.....cgucgugggaaacacCgggugccgaaac..... 1
 Gi2_11227067_x1....ucggagacgucgCgggaac..... 1
 Gi5_8859712_x1.....ggaacacggggugcGgaac..... 1
 Gi1_4316718_x1...gaucggGgacgucgugggaa..... 1
 Gi2_11145386_x1.....agacgucgugggaaacaAggggugccgaaac..... 1
 Gl1a_6112209_x1...gcaucggNgacgucgug..... 1
 Gl1a_6224222_x1.....gugggaacacggUgugcc..... 1
 Gl1a_6286601_x1.....aacaGggggugccgaaacu..... 1
 Gi2_11368314_x1.....gagacgucgugAaacacggggugcc..... 1
 Gi5_9073329_x1....aucggCgacgucgugggaaacacgg..... 1
 Gi5_8970245_x1.....ugggaacacUgggugccgaaac..... 1
 Gl1a_6074248_x1...gUucggagacgucgugggaa..... 1
 Gi3_28376061_x1.....gNgggaacacggggugccg..... 1
 Gi2_11020348_x1.....agacgucgCgggaacacggggugcc..... 1
 Gi1_4261436_x1.....gacguUgugggaaacacggggugcc..... 1

Gi2_11018557_x1.....ggagacguUgugggaacacggggugccg..... 1
Gi2_11049179_x1.....ggaacacggggugcUgaa..... 1
Gi2_11092766_x1.....cgucCugggaaacacggggugcc..... 1
Gi3_28274840_x1.....ucgugggaaAacggggugc..... 1
Gi2_11403194_x1.....gggaacacggggugccgU..... 1
Gi2_11257228_x1.....aucggagacgucguUggaacac..... 1
Gi3_28444518_x1.....ggagacgucgugggaaacacggggugccgaaGu..... 1
Gi5_9111071_x1.....gaUacgucgugggaaacacggggugccgaacu..... 1
Gi2_11036243_x1.....ggagacgucgugggaaacacggAgugcc..... 1
Gi3_28306602_x1.....cgucgugUgaaacacggggugcc..... 1
Gi3_28846082_x1.....cggagacCucgugggaaacacgggggu..... 1
Gi2_11047456_x1.....aucggCgacgucgugggaaaca..... 1
Gi3_28438187_x1.....cgucguAggaacacgggg..... 1
Gi5_8838964_x1.....aucggagacAucgugggaaacacggg..... 1
G1a_6043931_x1.....aucggagacgucCugggaaacacggg..... 1
Gi2_11049787_x1.....gagacgucgugggGacacggggugccgaac..... 1
G1l_4163057_x1.....aucggagacgucgugggaaacGcgg..... 1
G1a_6273897_x1.....cguAggaacacggggugc..... 1
Gi5_9016213_x1.ugcgauccggagacgCcgug..... 1
Gi3_28575895_x1.....gaucggagacUucgugggaaac..... 1
Gi3_28681754_x1.....gucgugggaaGacggggugccgaac..... 1
G1a_6250241_x1.....ggNacacggggugccgaacu..... 1
Gi3_28701913_x1.....aucgCagacgucgugggaaacacgggggu..... 1
Gi2_11265305_x1.....gucgugggaaacacUggggugc..... 1
Gi5_8838874_x1.....cgugggaaacacgggUugccga..... 1
Gi5_9057239_x1.....gucgugAgaacacggggugccgaa..... 1
G1a_6092977_x1.....gucgugggaaAacggggugccgaacu..... 1
Gi2_11111627_x1.....gucguggAaacacggggugccga..... 1
Gi2_11136356_x1.....acgucgugggaaacacggggugccAa..... 1
Gi2_11097759_x1.....cgGucggagacgucgugggaaacacg..... 1
Gi2_11399145_x1.....Cgggaacacggggugccgaa..... 1
Gi2_11344286_x1.....cgucgugggaaacacgUggugc..... 1
Gi5_9112394_x1.....gaucggagacgucgugggGacacgg..... 1
Gi2_11013046_x1.....ggagaGgucgugggaaacacggggugc..... 1
Gi2_11185723_x1.....cggagacgucgGggaaacacggggugccgaac..... 1
G1a_6085353_x1.....aucggagacgucAugggaaacacgggggu..... 1
G1l_4225351_x1.....Aaacacggggugccgaacu..... 1
Gi5_8926581_x1.ugcgUucggagacgucgug..... 1
Gi3_28277164_x1.....gauUggagacgucgugggaaacacggggug..... 1
Gi2_11052282_x1.....aucggagacgucgugCgaacacggg..... 1
G1a_6223544_x1.....cgugAgaacacggggugccg..... 1
Gi2_11244921_x1.....cggagacgucgugggaaacacggggAg..... 1
G1l_4334886_x1.....acacggggugccgGacuu..... 1
Gi3_28275135_x1.....gaucggaCacgucgugggaaacacggg..... 1
Gi3_28864370_x1.....Agagacgucgugggaaacacggggugccga..... 1
Gi3_28389538_x1.....gucgugggaaacacgCggugccgaacu..... 1
Gi2_11065201_x1.....cggagacgucgugggCacac..... 1

Gi5_8892423_x1.....gugggaacaAggggugccg..... 1
 Gl1a_6095384_x1....gaucggagaGucguggggaacacggg..... 1
 Gi1_4292600_x1.....ucgugggaGcacggggugccg..... 1
 Gi2_11249860_x1.....Cagacgucguggggaacacggggugcc..... 1
 Gi3_28969334_x1....gaucggagacguUgugggaacac..... 1
 Gi5_8989045_x1.....gaacacggggugccgUac..... 1
 Gi2_11121042_x1.....acgucgugggaaCcggg..... 1
 Gi5_8991968_x1.ugcgUucggagacgucguggga..... 1
 Gi3_28388970_x1.....cgucgugggaaGacggggugccga..... 1
 Gi3_28666495_x1.....cgucgugggaaacacgCggugcc..... 1
 Gi5_9012931_x1.....cacggggugccgaCcuuu..... 1
 Gi5_8960443_x1.....aAgucgugggaaacacggggugccgaacu..... 1
 Gi2_11098429_x1.....cggagacgucguggggaacaGggggu..... 1
 Gi5_8893036_x1.....Agugggaacacggggugccga..... 1
 Gi1_4349693_x1.....uUggagacgucguggggaacacggggu..... 1
 Gi3_28742554_x1.....agacgucgugggaaAacggggugccgaacu..... 1
 Gi5_9091988_x1....aucggagacgucguggggaUcacggg..... 1
 Gi1_4196822_x1.....cggGgacgucguggggaacacggggugccgaacu..... 1
 Gi1_4308148_x1.....Aagacgucguggggaacacggggugcc..... 1
 Gi3_28898451_x1.....cggagacgucguggggaacacggCgu..... 1
 Gi2_11051578_x1....aucggagacgucgAgggaacacggggu..... 1
 Gi3_28757754_x1.....agacgucguggggaacacggA..... 1
 Gi2_10995824_x1.....gagacgucguggggaacacggggugccgaGcu..... 1
 Gi1_4377348_x1.....acgucgugggaaCcggggugccg..... 1
 Gi1_4328951_x1.....acgucgugggaaacacgAggugcc..... 1
 Gl1a_6359702_x1.....cgugggaacacgAggugcc..... 1
 Gi3_28691979_x1.....gagGcgucguggggaacacggggugccga..... 1
 Gi3_28834777_x1.....gacgucguggggaacacggAgu..... 1
 Gi1_4226117_x1.....gacgucguggggaacacggggugcA..... 1
 Gi3_28314915_x1.....ucgugggCacacggggugc..... 1
 Gi1_4170323_x1.....gugggaaUacggggugccgaacu..... 1
 Gl1a_6198867_x1.ugcgauccgagaGucguggggaacac..... 1
 Gi5_8930543_x1....ucggagacgucAugggaacacg..... 1
 Gi2_11380780_x1.....gucguggggaacacggggAgcc..... 1
 Gi3_28323104_x1.....cgucgugggGacacggggu..... 1
 Gi2_11269920_x1....ucggagacgucguggggaacacUgggugc..... 1
 Gi1_4233892_x1.....gCcgugggaacacggggugccgaac..... 1
 Gi5_8830799_x1.....aaUacggggugccgaacu..... 1
 Gi5_8922883_x1.....agacgucguggggaacacggggCgcc..... 1
 Gi2_11345048_x1.....cgucgugCgaacacggggug..... 1
 Gi5_8940460_x1....aucggagacgucguggggaGca..... 1
 Gi3_28312571_x1.....ggagacgucguggggaacacggC..... 1
 Gl1a_6269880_x1.ugcgauccgagacgucguggggaacacggggG..... 1
 Gi5_9002969_x1.....gucguggggaGcacggggugccgaac..... 1
 Gi4_568442_x1.....cgugggaacacggggugccgCac..... 1
 Gi5_9126180_x1.....gugggaacacggggugGcgaacu..... 1
 Gi2_11116877_x1.....cgucguCggaacacggggugc..... 1

Gi1a_6162315_x1.....ucgugggaNcacggggugccgaacu..... 1
Gi5_9062151_x1.....uggaacacggggugccgUacuu..... 1
Gi5_8956334_x1.....cgucguggNaacacggggugccgaacuu..... 1
Gi1_4235681_x1.....gagacgucgugggGacacggggugccg..... 1
Gi3_28310791_x1.....Uggagacgucgugggaacacggggugccgaa..... 1
Gi5_8885207_x1.....acuuuccagcgccugcugcAcacc..... 1
Gi3_28291481_x1.ugcgauccgagGcgucgugggaaaca..... 1
Gi1_4220624_x1.....ucgugggaacacggggUccgaacu..... 1
Gi2_11168202_x1.....gugNgaacacggggugccgaa..... 1
Gi3_28368727_x1.....gagacguUgugggaacacggggugcc..... 1
Gi2_11377774_x1.....aucggaCacgucgugggaacacggggug..... 1
Gi3_28441725_x1.gcgGucggagacgucgug..... 1
Gi2_11355927_x1.....cggagGcgucgugggaacacg..... 1
Gi1_4173509_x1.....cgucgugggaacacggggugcAgaacu..... 1
Gi3_28406659_x1.....gacgucgugggaacCgggggu..... 1
Gi2_11089647_x1.....aucCgagacgucgugggaacacggggugcc..... 1
Gi1_4245204_x1.....Ugucgugggaacacggggugccgaac..... 1
Gi1_4263470_x1.....gggaGcacggggugccgaacuu..... 1
Gi2_11095363_x1.....cggagacguGgugggaacacggggugc..... 1
Gi1_4356119_x1.....ucggagacgucgugggGcacggggugc..... 1
Gi2_11365008_x1.....cgucgugUgaacacggggugccg..... 1
Gi3_28761425_x1.....cgaucggagaAgucgugggaacacgg..... 1
Gi1_4353308_x1.....aucggGgacgucgugggaa..... 1
Gi1_4296669_x1.....cgugggaacacggggUccgaacu..... 1
Gi3_28710505_x1.....uGggagacgucgugggaacacgg..... 1
Gi1a_6005315_x1.....gugggaacacgggAugccga..... 1
Gi5_8899412_x1.....agacgucgugggaacacgUggugccgaac..... 1
Gi1_4214120_x1.....acgucAugggaacacggggugcc..... 1
Gi5_9102220_x1.ugcgauccgCagacgucgug..... 1
Gi2_11137979_x1.....aucggagacgucAgggaacacg..... 1
Gi3_28421415_x1.....agacgucAugggaacacggggugccgaacu..... 1
Gi1a_6177688_x1.....Cgagacgucgugggaacacggggugcc..... 1
Gi2_11165110_x1.....cgugggaacacggggugcA..... 1
Gi1a_6119043_x1.....Cucgugggaacacggggugccgaacu..... 1
Gi2_11158862_x1.....Ccgugggaacacggggugc..... 1
Gi3_28791687_x1..cgGucggagacgucgugggaacacggggug..... 1
Gi5_8982994_x1.....cgucgugggaacCggggugccga..... 1
Gi3_28924654_x1.....ggGgacgucgugggaacacggggugccgaac..... 1
Gi1_4268351_x1.....cggagacgucgugggGcacggg..... 1
Gi2_11219679_x1.....uGggagacgucgugggaac..... 1
Gi5_8912030_x1.....acgucgugggaaAacggggugccgaac..... 1
Gi2_11209155_x1.....Nugggaacacggggugccgaa..... 1
Gi2_11161359_x1.....cggacacgucgugggaacacggggugcc..... 1
Gi2_11378714_x1.....aNacgucgugggaacacggggugccgaacu..... 1
Gi3_28666499_x1.....ggagacgucgugggaacacggggugccgaGc..... 1
Gi1a_6127069_x1.....cggagacgucgugggaacCggg..... 1
Gi5_9082286_x1.....cggGgacgucgugggaacacggggugccgaac..... 1

Gi3_28726619_x1.....gagacgucgugggaacGcggggu..... 1
Gi2_11080560_x1.....ugggaacacgUggugccgaac..... 1
Gi3_28806121_x1.ugUgaucggagacgucguggga..... 1
Gi1_4247169_x1.ugcgauccgagacgucgugggC..... 1
Gi2_11168236_x1.....aucggagacguUgugggaacacgg..... 1
Gi2_11294737_x1.....aucggagacgucgugggaacacggAgug..... 1
Gi5_9084613_x1.....cgugggaacacCgggugc..... 1
Gi3_28551677_x1..gcgauccgagacgucAugggaacacggg..... 1
Gi1_4270557_x1...gaucAgagacgucgugggaacac..... 1
Gi2_11146186_x1.....Cagacgucgugggaacacggggug..... 1
Gi2_11312390_x1.....ugggaacacggggugcUgaacuu..... 1
Gi2_11115769_x1.....gAgaacacggggugccga..... 1
Gi2_11213851_x1.ugcgauccgagGcugcugggaacacg..... 1
Gi2_11122784_x1...Caucggagacgucgugggaacacgggg..... 1
Gi2_11354351_x1..cgauccgagacgucgugggG..... 1
Gi1_4377672_x1.....ucggagacgucGgggaacacg..... 1
Gi1_4371963_x1.....ggaacacggggugccAaac..... 1
Gi2_11056128_x1.ugcgauccgagGcugcugggaaca..... 1
Gi1_4270663_x1.....cgugggaacacggggugccUaacu..... 1
Gi2_11311439_x1.....aucggCgacgucgugggaacacg..... 1
G1a_5989269_x1.....ucgugggaacCcggggugccgaacu..... 1
Gi1_4248102_x1.....acgCcgugggaacacggggugccg..... 1
Gi5_8945337_x1...gaucggagacgCcgugggaacacgg..... 1
Gi2_11298835_x1.....aucggagaAgucgugggaacacggggugcc..... 1
Gi3_28895903_x1.....ggagacgucguggAaacacggggugccgaacu..... 1
Gi3_28820152_x1.....gucgugggaacacCgggugc..... 1
Gi3_28609191_x1..cgauccgagacgucgugggGacacggggug..... 1
Gi5_8987183_x1.....acuuuccagcgccugcugccacU..... 1
Gi3_28530822_x1.....aucggagacgucgugggaacacgCggu..... 1
Gi3_28732712_x1.....agacgucgugggaacacggggugccA..... 1
Gi2_11228211_x1.....cggagacgAcgugggaacacggggugcc..... 1
Gi1_4210203_x1.....cgugggaacacggggugcU..... 1
Gi3_28528891_x1...Nucggagacgucgugggaacacg..... 1
Gi2_11302310_x1.....cggagacguGgugggaacacggggugcc..... 1
G1a_6024874_x1.....cgugggaCcacgggugcc..... 1
Gi2_11157262_x1.....agacgAcgugggaacacggggugccga..... 1
Gi3_28739695_x1.....gggaacacgggUugccgaac..... 1
Gi3_288780562_x1.....acgucgugggaacacCgggugccgaacu..... 1
Gi1_4332098_x1...aGcggagacgucgugggaacac..... 1
Gi5_8969834_x1...ucggagacgucgugggaacacggggugccgaCc..... 1
Gi1_4304902_x1...aucggagacgucgUggaacacgg..... 1
Gi5_8945266_x1.....cgugggaAacggggugccgaac..... 1
Gi2_11273180_x1.....ucggagacgCcgugggaacacggggugcc..... 1
Gi5_9111722_x1.....acuuuccagcgccugcugccAacc..... 1
Gi2_11342311_x1.....gucgugggaUcacggggugc..... 1
Gi1_4201699_x1...ucggagacgucgugAgaacacggggugc..... 1
Gi2_11302322_x1...gaucggCgacgucgugggaacacg..... 1

Gi2_11393676_x1.....ggagacgucGgggaacacggggu..... 1
Gi2_11075217_x1.....cgucguggCaacacggggugccgaac..... 1
Gi3_28524268_x1.....ggagacgucgugggaacacggggugcUg..... 1
Gi3_28519238_x1.....aCggagacgucgugggaacacggggugccgaacu..... 1
Gi2_11136319_x1.....cgaucggagacgucgugggCacacggggu..... 1
Gi3_28460458_x1.....Uggagacgucgugggaacacggggugcc..... 1
Gi3_28806670_x1..gcaucggagacgucgugggaGcacgg..... 1
Gi2_11341473_x1.....ucgGgggaacacggggugc..... 1
Gi1_4301087_x1.....agacgucGgggaacacggggugccgaacu..... 1
G1a_6226892_x1.....aucggGgacgucgugggaacacgggg..... 1
Gi2_11390185_x1.....ggagacgucgugggaacacgAggu..... 1
Gi2_11148471_x1.....cggagGcgucgugggaacacggggugccga..... 1
G1a_6042069_x1...gaucggagacgucgugggaacacggCgu..... 1
Gi2_11015326_x1.....gggaacacggggugNcgaacu..... 1
Gi5_8912141_x1...aucAgagacgucgugggaacacggg..... 1
Gi1_4359343_x1.....cggagacgucgugggaacacgggguU..... 1
G1a_6046166_x1...cgaucggagacguUgugg..... 1
Gi3_28421556_x1.....ucggagacguUgugggaacacggg..... 1
Gi3_28328078_x1.....acacggggugccgaacuA..... 1
Gi5_9007074_x1.....gugggaacacggggugccgaacuA..... 1
Gi5_8842873_x1...uGggagacgucgugggaacacggggugc..... 1
G1a_6135016_x1.....gacgucgugggaacacggggG..... 1
Gi2_11363988_x1.....gucgugggaacacggAgugccga..... 1
Gi2_11050627_x1.....gagacAucgugggaacacggg..... 1
Gi2_11219971_x1...Cucggagacgucgugggaacacg..... 1
Gi1_4210946_x1.....ugggaaAacggggugccgaac..... 1
Gi2_11099348_x1...gaucggagacgucgugggaacacgUggu..... 1
Gi2_11112296_x1.....cgugggaacaAggggugc..... 1
Gi3_28360407_x1.....cgugCgaacacggggugc..... 1
Gi2_11404960_x1...gaucAgagacgucgugggaacacgggg..... 1
Gi2_11201916_x1.....gacgucgugggaacacggUgugccgaacu..... 1
Gi5_9078119_x1.....uggaacaGggggugccgaacu..... 1
Gi1_4365898_x1.....ucgugggaacacgggguAcc..... 1
G1a_6184934_x1...gaucggagacgucgugggCacacggggu..... 1
Gi3_28796761_x1.....aucggagacgucgugggaGc..... 1
Gi2_11011329_x1.....cggagacgucGgggaacacggggugcc..... 1
Gi3_28801430_x1.....gucguggAaacacggggugccgaacuu..... 1
Gi3_28282508_x1...cgaucggagacgucGgggaacacggggugc..... 1
Gi3_28423845_x1.....gAcgugggaacacggggugccg..... 1
Gi3_28649462_x1.....cgugCgaacacggggugccgaa..... 1
Gi3_28859105_x1.....gagacgucgugggaGcacggggugccgaac..... 1
Gi1_4223059_x1...cgaucggagacgucgugggaacacggggC..... 1
Gi5_9049121_x1...gaGcggagacgucgugggaacac..... 1
Gi5_8891910_x1.....acgucgugggaacacggggguAccgaac..... 1
Gi3_28714802_x1.....ucgugUgaacacggggugc..... 1
Gi2_11055295_x1.....agacgucguggAaacacggggugccgaac..... 1
Gi1_4335477_x1...aucggaAacgucgugggaacacggggu..... 1

Gi1a_6216183_x1.....gugggaacacggggugccA..... 1
 Gi3_28547828_x1.....cgucgugggaacacggggC..... 1
 Gi2_10993107_x1....gaucggagacgucguAggaacacg..... 1
 Gi3_28424303_x1.....cggagacgucgugggaacacggggCccgaacu..... 1
 Gi1_4316056_x1.....acgucgugggaacacggggCgcccga..... 1
 Gi5_9009872_x1.....gugggaacacggUgugccgaa..... 1
 Gi3_28547849_x1.....acgAcgugggaacacggggugcc..... 1
 Gi2_11111345_x1.....ugggaacacggggugccU..... 1
 Gi2_11287167_x1.....gacgGcgugggaacacggggugccg..... 1
 Gi5_9108470_x1.....ugggaacacggggugccgaCc..... 1
 Gi3_28624533_x1.....cggagacgucgCgggaacacggggugc..... 1
 Gi1a_6326137_x1....gaucggagacgucgugggGacacggg..... 1
 Gi2_11221653_x1....aucggagacguAgugggaacacggggugcc..... 1
 Gi3_28967156_x1.....ugggaacacggggUccg..... 1
 Gi2_11173560_x1.....ggNacacggggugccgaa..... 1
 Gi3_28961737_x1.....cgucgugggaCcacggggugccga..... 1
 Gi3_28903472_x1.....cggagacgucguAggaacacg..... 1
 Gi3_28748776_x1.....gucgugggaAacggggugcc..... 1
 Gi1a_6338016_x1.....ggaacacggggugccgaGc..... 1
 Gi1_4165828_x1.....gacgucgugCgaacacggggugccgaacu..... 1
 Gi2_11027356_x1.....agacgucguggAaacacggggugcc..... 1
 Gi1a_6230459_x1....ucgAagacgucgugggaacacggggugc..... 1
 Gi1_4176367_x1.....ucgugggaacacgAggugcc..... 1
 Gi5_8913835_x1.....agacgucgugggaacaUggggugccgaac..... 1
 Gi3_28418216_x1.....cggagacgucgugggaacCggggugccg..... 1
 Gi3_28409995_x1.....cguUgugggaacacggggugccgaa..... 1
 Gi3_28913769_x1.....ggGgacgucgugggaacacggggugccgaa..... 1
 Gi5_9131724_x1.....cgucgugUgaacacggggugccgaacu..... 1
 Gi2_11088272_x1.....guAgugggaacacggggugccgaacu..... 1
 Gi1_4255711_x1.....gucgugggaacacgUggugccgaacu..... 1
 Gi4_576295_x1.....cgucgugCgaacacggggugccga..... 1
 Gi3_28282095_x1....cgaucAgagacgucgugg..... 1
 Gi1a_5991808_x1.....acgucgugggaGcacgggg..... 1
 Gi1_4297033_x1.....ugAgaacacggggugccgaac..... 1
 Gi1_4300663_x1.....ggagacgucgugggaacacggggugAc..... 1
 Gi1a_6100032_x1....aucggagacgucgugggaGcacgg..... 1
 Gi3_28601072_x1.....cgucgugggaCcacggg..... 1
 Gi5_9056333_x1.....cgucgugggaacacggggugccgaGc..... 1
 Gi5_8994048_x1.....acgucgugggaacacggggugGcgaacu..... 1
 Gi3_28659872_x1.....cggagacgucgugggaacGcggg..... 1
 Gi2_11150570_x1....cgaucggagacgucgugCgaacacggg..... 1
 Gi5_8831284_x1....aucggUgacgucgugggaacacg..... 1
 Gi3_28360987_x1.....gaacacggggugccgaGcuu..... 1
 Gi5_8878051_x1.....cgugggaacaAggggugcc..... 1
 Gi1_4251418_x1.....ugggaacacggggCgcccga..... 1
 Gi1_4315077_x1.....agacgucgugggaCcacggg..... 1
 Gi2_11139442_x1.....cgugggaacacggggugGcga..... 1

Gi2_11051408_x1.....aucggagacgucCugggaacacggg..... 1
Gi2_11277633_x1.....gacgGcgugggaacacggggugc..... 1
G1a_6343640_x1.....gacgucgugggaacacgAggugccgaacu..... 1
G1a_6350341_x1.....ggUacacggggugccgaac..... 1
Gi5_9121618_x1.....acgucgugggaacacgUggugccgaacu..... 1
Gi3_28271475_x1.....cAaucggagacgucgugggaacacggg..... 1
Gi1_4329871_x1.....ggagacgucgugggaacac..... 0
Gi5_8912359_x1.....gagacgucgugggUacacg..... 1
Gi1_4217692_x1...cgaucggagacgucgugggaacacg..... 0
Gi3_28698943_x1.....ugggaacacggggugcGg..... 1
G1a_6013865_x1.....ggagacgucgugggaacGcggggugcc..... 1
Gi2_11318735_x1...gaucggagacAucgugggaacacgggg..... 1
Gi2_11317960_x1...aucggagacguAgugggaacacggg..... 1
Gi2_11133825_x1.....cguggCaacacggggugccgaac..... 1
Gi5_9052480_x1.....gucguggUaacacggggugccgaacu..... 1
Gi1_4382999_x1.....cggagacgucgugggaacacgggUugcc..... 1
Gi2_11254872_x1.....gucgugggaaAacggggugccga..... 1
Gi3_28575365_x1.....cgucgAgggaacacggggugccg..... 1
Gi2_11198485_x1...aucggagGcgucguggga..... 1
Gi2_11091014_x1.....gacgucgugggaacGcggggugcc..... 1
Gi3_28911306_x1.....ucguAggaacacggggugccga..... 1
Gi1_4381741_x1.....ugggaacacggggAgccgaac..... 1
G1a_6081477_x1...Uucggagacgucgugggaacacgg..... 1
Gi3_28437607_x1.....ggagGcgucgugggaacacgggg..... 1
G1a_6226971_x1...aucggagacAucgugggaacacg..... 1
Gi2_11346812_x1.....acgucgCgggaacacggggu..... 1
Gi2_11065301_x1.....gggaacaUggggugccgaa..... 1
Gi2_11022717_x1.....acgucgugCgaacacggggugcc..... 1
Gi5_9137800_x1.....acgCcgugggaacacggggugcc..... 1
Gi3_28926760_x1...aucggagGcgucgugggaacacggggugccg..... 1
Gi5_9071434_x1.....Uggaacacggggugccgaacu..... 1
Gi3_28981012_x1.....cgucgugggaacacgCggugccga..... 1
Gi3_28407508_x1.....gucgugggaacCcgggugccgaa..... 1
Gi1_4373856_x1.....ggaacacUgggugccgaac..... 1
Gi5_9078889_x1.....acuuucccNgcgcgccugcuccacc..... 1
Gi2_11181002_x1...gaucggaAacgucgugggaacacggggu..... 1
Gi1_4237187_x1.....ucgugggaacaUggggugccgaac..... 1
Gi2_11230717_x1.....uggCaacacggggugccga..... 1
Gi3_28898760_x1...gaucggagCcgucgugggaac..... 1
Gi1_4229726_x1.....cgugggaaUacggggugccgaac..... 1
G1a_6088418_x1...aucggCgacgucguggga..... 1
Gi2_11282359_x1...gaucggagacgucgugggaacacgAg..... 1
Gi2_11268499_x1.....cggGgacgucgugggaacacg..... 1
Gi5_9022172_x1.....cgugggaacacgggCugccgaac..... 1
G1a_5998609_x1...aucggagacgucgugggCacacggggugc..... 1
Gi5_8910228_x1.ugcgaucggagacgAcguggg..... 1
Gi3_28472735_x1.....gagacgucguggAaacacggggu..... 1

Gi4_598044_x1	.....acgucgugggGacacggggugccgaacu.....	1
Gi1_4308091_x1	.ugcgaucggagacgucAugggaacacg.....	1
Gi1_4303385_x1	.....cggagacguUgugggaacacggggugc.....	1
Gi3_28584806_x1	.gcgaucggagacgucgugggCaca.....	1
Gi1a_6184830_x1	.....cgUagacgucgugggaacacggggugcc.....	1
Gi5_9078714_x1	.....cCucgugggaacacggggugccgaac.....	1
Gi1_4182306_x1	.....Aaucggagacgucgugggaacac.....	1
Gi1_4214499_x1	.....ucgugggCacacggggugccg.....	1
Gi1a_6179147_x1	.....cgugggaacacggggugccgaGc.....	1
Gi2_11277824_x1	.....aucggUgacgucgugggaacacgg.....	1
Gi1_4173293_x1	.....ucgugggaacacAgggugccg.....	1
Gi3_28852602_x1	.....ucgCgggaacacggggugccga.....	1
Gi3_28755674_x1	.....gacgucgugggaacacgAggugccg.....	1
Gi5_8902340_x1	.....cUgagacgucgugggaacacggggugccgaacu.....	1
Gi3_28603341_x1	.....agGcgucgugggaacacggg.....	1
Gi5_8846252_x1	.....gucgugggaacaUggggugccgaac.....	1
Gi5_9085377_x1	.....cgucAugggaacacggggugcc.....	1
Gi2_11161862_x1	.....agacgucgugggaGcacggggugccg.....	1
Gi2_11074514_x1	.....gacgucguAggaacacggggugcc.....	1
Gi3_28408067_x1	.....Nggaacacggggugccgaa.....	1
Gi4_590441_x1	.....ucggagacNucgugggaacacggggugccg.....	1
Gi1_4273573_x1	.....ggagacgucgugggaacacgggU.....	1
Gi5_9136691_x1	.....gggaacacggggugcAga.....	1
Gi4_584307_x1	.....cgucgugggaacaAggggugccgaacu.....	1
Gi2_11186647_x1	.....agacgucgugggaacacggggugUc.....	1
Gi2_11394312_x1	.....CucgugggaacacgggU.....	1
Gi2_11286884_x1	.....ucggagacgucgugggaacacgggUc.....	1
Gi2_11032415_x1	.....gaucggagacgucCgggaaca.....	1
Gi2_11295727_x1	.....acgucgugggaacacggggugccgUa.....	1
Gi4_607299_x1	.....gugggaacacggggugUcgaacu.....	1
Gi3_28818848_x1	.....Aacgucgugggaacacgg.....	1
Gi2_11352255_x1	.....cNugggaacacggggugccgaacu.....	1
Gi2_11374281_x1	.....auUggagacgucguggga.....	1
Gi3_28947509_x1	.....aNcggagacgucgugggaacacggggugcc.....	1
Gi1_4269008_x1	.....aacacggggugccgaacAu.....	1
Gi3_28781011_x1	.....cggagacgNcgugggaacacgg.....	1
Gi2_11376987_x1	.....gugCgaacacggggugccg.....	1
Gi1_4357434_x1	.....cgucgugggaUcacggggugccgaacu.....	1
Gi2_11388080_x1	.....gaUgucgugggaacacggg.....	1
Gi1_4261592_x1	.....gagacgucgugggaacacgggUugccgaacu.....	1
Gi3_28854929_x1	.ugcgaucggagacgucgu.....	0
Gi3_28817667_x1	.....ucggagacgucgugggaacacgggUc.....	1
Gi1_4223681_x1	.....gaacacggggAgccgaac.....	1
Gi2_11226778_x1	.....ucggagacNucgugggaacacggggugccgaacu.....	1
Gi2_11142159_x1	.....ucggagacgucgugggaacUcg.....	1
Gi3_28937594_x1	.ugcgaucggagacgucAuggga.....	1
Gi2_11002326_x1	.....aucggagacgucgugggaacacA.....	1

Gi3_28524549_x1.....gugggaacacCggggugccg.....	1
Gi2_11085128_x1.....gagacAucgugggaacacggggugcc.....	1
Gi2_11375706_x1.....gUgacgucgugggaacacggggugccgaa.....	1
Gi3_28834232_x1...cgaucggagacgucAugggaacacg.....	1
Gi3_28977484_x1...cgUucggagacgucgugggaacacggg.....	1
G1a_6022813_x1.....cgCcgugggaacacggggugccgaaacu.....	1
G1a_6041051_x1.....ggagGcgucgugggaacacggggugcc.....	1
Gi3_28899099_x1.....agacguAgugggaacacggggugcc.....	1
Gi2_11357594_x1.....aucggagacgucUugggaacacggggugcc.....	1
Gi2_11005962_x1...cgaucggaNacgucgugggaaca.....	1
Gi3_28832779_x1.....cggagaUgucgugggaacac.....	1
Gi1_4332788_x1.....gacgucgugggaacacUgggugccgaaacu.....	1
Gi4_603790_x1.....ucgugggaCcacggggugccgaaacu.....	1
Gi2_11209536_x1.....uGgugggaacacggggugccgaa.....	1
G1a_6148333_x1...gaucggagacgucgugggaG.....	1
Gi2_11045692_x1.....cggagacgucguAggaacacggggug.....	1
Gi3_28582111_x1...gaucggagacguUgugggaacacggggug.....	1
Gi5_8935405_x1.....gugggaacacggggguAccgaaacu.....	1
Gi3_28784955_x1.....ucggagacgucgugggaacGcggg.....	1
Gi1_4219345_x1.....ggUgacgucgugggaacacggggugccgaaacu.....	1
Gi2_11042862_x1.....gagaGgucgugggaacacggggugcc.....	1
Gi4_594338_x1.....gugggaacacggggAgccgaa.....	1
Gi2_11112883_x1.....ugggaacacgAggugccgaa.....	1
Gi5_9092231_x1.....cgucgugggaacacggAgugccgaaac.....	1
Gi5_9119219_x1.....agacgCcgugggaacacggggugc.....	1
Gi5_8866969_x1.....gagacgucgGgggaacacggggugccgaaacu.....	1
Gi2_11247658_x1...cgaucggGgacgucgugggaacacggggug.....	1
Gi3_28513195_x1.....cggagacgucgugggaGcacg.....	1
Gi3_28285505_x1.ugcgauUggagacgucgugggaacacg.....	1
Gi2_11208750_x1.....gggaacacggggugccCaa.....	1
Gi3_28374121_x1...gaucggagacgucgugggUacacgg.....	1
Gi3_28829698_x1.....gagacgucgCgggaacac.....	1
Gi3_28474740_x1.....acgucgugggaaUacggggugc.....	1
Gi2_11324468_x1...gaucggagacgucgAgggaacacggg.....	1
Gi3_28904514_x1.....ggagacgucguAggaacacg.....	1
Gi3_28417452_x1.....ucgugggaacaUggggugcc.....	1
Gi2_11248222_x1.....gucgugggaCcacggggugccgaaac.....	1
Gi2_11277907_x1...ucggagacgucgugggGac.....	1
Gi3_28440090_x1...aucggagacgucguUggaacacggggg.....	1
Gi3_28786713_x1.....ggagacgucgugggaacacggggugGcg.....	1
Gi1_4267626_x1.....gaacaNggggugccgaaacu.....	1
Gi2_11336103_x1.....cguCggaacacggggugc.....	1
Gi3_28284361_x1.....cggagacgucgugggaacacgggC.....	1
Gi5_9031043_x1.....agacgucgugggCacacggggugccgaaacu.....	1
Gi1_4248030_x1.....Cugggaacacggggugccgaaac.....	1
Gi2_11036010_x1...aucggagacgucguggUaaca.....	1
Gi1_4310620_x1.....gacgucgugggaacacgg.....	0

Gi2_11215995_x1.....gugggaacacggggugccCaac..... 1
Gi1_4247374_x1.....gagacgucgugggaacacggggugccgUacu..... 1
Gi2_11380236_x1.....ucAugggaacacggggugccg..... 1
Gi1_4279659_x1.....ucggGgacgucgugggaacacggggug..... 1
G1a_6167409_x1.....cgucgugggaacacggggugccgaaA..... 1
Gi3_28451964_x1.....Ucgucgugggaacacggggugccgaac..... 1
G1a_6157299_x1.....gugggaacCcggggugccg..... 1
Gi2_11274199_x1...Ugaucggagacgucgugggaacacggg..... 1
Gi1_4199774_x1.....Ugacgucgugggaacacgggg..... 1
Gi2_11258921_x1.....ucgugggaacacgggAgugccg..... 1
G1a_6282482_x1.....gucgugggaacacgggAugccgaacu..... 1
Gi5_9022783_x1...Nucggagacgucgugggaacacggg..... 1
Gi1_4181614_x1...gaGcggagacgucgugggaacacggggugc..... 1
Gi5_9042450_x1...agacgAcgugggaacacggggugccgaacu..... 1
Gi2_11159141_x1.....gucgugggaacacggggugccUaacu..... 1
Gi3_28840116_x1...gaucggagacgucguggAaacacggggug..... 1
G1a_6283284_x1...cgGucggagacgucgugggaacacggg..... 1
Gi3_28308295_x1...cgaucggagacgucgugggaAacg..... 1
Gi2_11137711_x1...aucggagacgucgugggaGac..... 1
Gi3_28639192_x1...gaucggagacgucgugggaacacgAgg..... 1
Gi2_11035696_x1...aucggagacguUgugggaacacgggg..... 1
Gi2_11360713_x1...cgaucggagacgucgugggaacacggggugG..... 1
Gi2_11015884_x1...gaucggagacgucgCgggaacacgggg..... 1
Gi5_9116942_x1.....gaGcacggggugccgaac..... 1
Gi3_28619017_x1.....agacgucgugggGacacggggugccgaac..... 1
Gi2_11302414_x1.....gggaacacgggAugccga..... 1
Gi2_11194918_x1.....ggNaacacggggugccgaacu..... 1
Gi3_28793840_x1...cgaucggaAacgucgugggaacacgg..... 1
Gi3_28648741_x1.....ucgugggaacacgUggugccgaacu..... 1
Gi1_4336176_x1.....ucgugggaNcacggggugccg..... 1
Gi3_28651294_x1.....gaacacggggugccgaacuC..... 1
Gi3_28547856_x1...aucggagacgucgugggaacUcggggugcc..... 1
Gi5_8978021_x1.....agacgucgugggaacacggggGgcc..... 1
Gi3_28937614_x1.....Uggagacgucgugggaacacggg..... 1
Gi3_28414968_x1.....acgucgugggCacacggg..... 1
Gi3_28834636_x1.....gUgacgucgugggaacacggggugc..... 1
Gi1_4235410_x1.....Aacgucgugggaacacggggugcc..... 1
Gi2_11025496_x1.....ggagacgucUugggaacacggggugcc..... 1
G1a_6118794_x1...Ggaucggagacgucguggga..... 1
Gi3_28265443_x1...ucggagacgucAugggaaca..... 1
Gi3_28863564_x1...Ugaucggagacgucgugg..... 1
Gi5_8915373_x1.....acguUgugggaacacggggugccga..... 1
Gi1_4368519_x1...gaucUgagacgucgugggaacacgg..... 1
Gi5_8837866_x1.....ugggaacacggggugccgaCcuuu..... 1
Gi3_28889505_x1...aucggagacgucgugggaacacgggCgugc..... 1
Gi1_4311153_x1.....aGgucgugggaacacggggugccga..... 1
Gi2_11085866_x1.....gacgucgugggaGcacggggugccgaac..... 1

Gi3_28689086_x1.....cgucgugggCacacggggugccgaac..... 1
 Gi2_11329447_x1.....ggaAacgucgugggaacacggggugcc..... 1
 Gi3_28708663_x1cugcgauccgagacgucgA..... 1
 Gi2_11337516_x1...cgauccgagacgucgCgggaacacggg..... 1
 Gi5_8980379_x1.....gggaUcacggggugccgaac..... 1
 Gi5_8871380_x1.....Ggugggaacacggggugccgaacu..... 1
 Gi1_4210269_x1.....cgugggaacacggggugccgaacG..... 1
 Gi3_28540816_x1..gcgaucAgagacgucgug..... 1
 Gi5_9071660_x1.....cCucgugggaacacggggugcc..... 1
 Gi2_11239641_x1.....ucgugggaacacgCggugccgaac..... 1
 Gi1_4222455_x1....ucAgagacgucgugggaacacg..... 1
 Gi3_28421519_x1.....ugggaaGacggggugccga..... 1
 Gi2_11313192_x1.ugcAaucggagacgucgugggaaca..... 1
 Gi2_11216467_x1.....cguggAaacacggggugccg..... 1
 Gi1_4234315_x1....auAggagacgucgugggaacacggggugcc..... 1
 Gi2_11275693_x1.....gugggaacaAgggggugccg..... 1
 Gi2_11298892_x1.....Aucgugggaacacggggg..... 1
 Gi2_11149812_x1...cgauAggagacgucguggga..... 1
 Gi5_8902953_x1.....gugggaaGacggggugccgaac..... 1
 Gi1_4194308_x1.....acguGgugggaacacggggugcc..... 1
 Gi3_28605923_x1.....agacgucgugggaUcacggggugccgaacu..... 1
 Gi2_11182255_x1..gcgaucggagacgucgugggaacacgA..... 1
 Gi5_9126426_x1....ucAgagacgucgugggaacacggggugccg..... 1
 Gl1_6248365_x1....auUggagacgucgugggaacacgggg..... 1
 Gi2_11383190_x1.....agacgucgugggaacacgAggugccgaacu..... 1
 Gi2_11323986_x1.....ggaCacgucgugggaacacggggugc..... 1
 Gi1_4213091_x1.....gUagacgucgugggaacacggggug..... 1
 Gi5_8906366_x1.....gacgucgugggaacacggggCgccgaac..... 1
 Gi5_8880801_x1.....guAgugggaacacggggugccgaa..... 1
 Gi3_28597761_x1...gaucggGgacgucgugggaacacggggugccgaacu..... 1
 Gi2_11382800_x1.....ggagacgucgugAgaacacggggug..... 1
 Gi3_28950647_x1.....gacgucgCgggaacacggggugccg..... 1
 Gi3_28670153_x1.....ggagacgAcgugggaacacggggugccgaacu..... 1
 Gi3_28570008_x1...gaucggagacgucCugggaacac..... 1
 Gi5_9003467_x1...gaucggagacgucgugggUacacg..... 1
 Gl1_6105180_x1....aucggagGcugcuggggaacacgg..... 1
 Gi2_11363200_x1.....gucgCgggaacacggggugccga..... 1
 Gi1_4257859_x1.....gaUacgucgugggaacacggggugccg..... 1
 Gl1_6315853_x1....aucggagacgucgugAgaacacgg..... 1
 Gl1_6221211_x1....ucggagacgucgugggGacacgg..... 1
 Gi3_28499134_x1.....ugggaacacggggUuccgaac..... 1
 Gi3_28850568_x1...cgaucggagacgucgugggaacacggggugccgaacu..... 0
 Gi2_11340687_x1cugcgauccgagacgucgugggaacacggggugcc..... 0
 Gi2_10996223_x1....aucggagacgucgugggaacacggggguc..... 1
 Gi3_28800576_x1.....ugggaacacggCgugccg..... 1
 Gi1_4371425_x1.....agacgucgNgggaacacggggugccga..... 1
 Gi1_4175306_x1.....gaacacggggCgccgaac..... 1

Gi5_8971729_x1.....gNaacacgggugccgaacu..... 1
Gi2_11266754_x1.....ggagacgucgugggGaca..... 1
Gi2_11182697_x1.....uAgugggaacacggggugccgaa..... 1
Gi5_8932681_x1.....cgGgggaacacggggugc..... 1
Gi2_11195983_x1.....ucgugggaacacgggAugccgaa..... 1
Gi2_11303052_x1.....cgaucggagacgucgugggGaca..... 1
Gi1_4168268_x1.....cgGgggaacacggggugccgaacu..... 1
Gi1_4270238_x1.....cgugggaacacggggAgccga..... 1
Gi3_28752628_x1.....ucgugggaacacggggugUcg..... 1
G1a_6278743_x1.....gaucggagacgucguggggaacacggggG..... 1
Gi2_11220327_x1.....aucggagacgucguggggaacacgggAugcc..... 1
Gi5_9006177_x1.....gucgugggaacacgggAugccgaa..... 1
Gi1_4201065_x1.....ucgugggaacaUggggugccg..... 1
Gi2_11068476_x1.....auGggagacgucguggggaaca..... 1
Gi3_28719942_x1.....gucgugggNacacggggugccgaa..... 1
Gi1_4159483_x1.....Ngaacacggggugccgaacu..... 1
Gi2_11024932_x1.....ugggaacacUgggugccgaa..... 1
Gi3_28859388_x1.....ggaacacggggugccgaaG..... 1
Gi1_4250180_x1.....cgCgggaacacggggugccg..... 1
Gi3_28440561_x1.....guUgugggaacacggggug..... 1
G1a_6156067_x1.....aucggagacgucguggggaacacgCggu..... 1
Gi1_4172357_x1.....agUcgucguggggaacacgggg..... 1
Gi1_4316066_x1.....gaucggagGcgucguggggaacacggg..... 1
Gi5_9002786_x1.....Aagacgucguggggaacacggggugcc..... 1
Gi1_4223275_x1.....gacgucAugggaacacggggugccgaacu..... 1
Gi3_28726336_x1.....Gcggagacgucguggggaacacggggugccgaacu..... 1
Gi3_28868339_x1.....cgucguggggaacacgAggugccgaa..... 1
Gi5_9080062_x1.....cgAgggaacacggggugccg..... 1
Gi2_11233367_x1.....cggagacgucgugggaaAacggggugcc..... 1
Gi2_11376915_x1.....ugggaacacggggugAcga..... 1
Gi2_11401936_x1.....cgaucggagacgGcguggggaacacgggg..... 1
Gi1_4248276_x1.....ugggaacacggggugAcga..... 1
Gi3_28548211_x1.....ugggaacaGggggugccgaa..... 1
Gi3_28964234_x1.....gucgAgggaacacggggugccga..... 1
Gi3_28700986_x1.....gaucggagacgucgugggUcacggggu..... 1
Gi5_9050829_x1.....guAgggaacacggggugcc..... 1
Gi1_4319371_x1.....aucggagacgucguggggaacacggggugccgaac..... 0
Gi5_8886182_x1.....cgucgugggaCcacggggugc..... 1
Gi1_4338964_x1.....ucggagacNucguggggaacacggg..... 1
Gi4_596748_x1.....cgugggGacacggggugcc..... 1
Gi3_28440211_x1.....cgucguggggaacGcggggug..... 1
Gi5_8899975_x1.....gaucggUgacgucguggggaacacg..... 1
Gi2_11403646_x1.....gugCgaacacggggugccga..... 1
Gi2_11309524_x1.....agacgucgugGCaacacggggugccg..... 1
Gi5_9011612_x1.....cgucgugggUacacggggugcc..... 1
Gi2_11141800_x1.ugcgaucggGgacgucguggggaacac..... 1
Gi2_11320009_x1.....gaCcgagacgucguggggaacacgg..... 1

Gi1_4314917_x1	.....gucguUggaacacggggugccgaacu	1
Gi5_9136005_x1	.....cgucguggAaacacggggugccga	1
Gi5_8911070_x1	...Aaucggagacgucguggaaacacgggggu	1
Gi1_4342969_x1	.....ucgugggaacCcggggugc	1
Gi3_28412732_x1	.....gacgucguggaaacacggggGgcc	1
Gi2_11169527_x1	...gaucggagaAgucguggga	1
Gi3_28915901_x1	.....ugggaacacgggAugccg	1
Gi2_11245133_x1	.....uAggaacacggggugccgaacuu	1
Gi2_11030349_x1	.....ucgugggaUcacggggugccgaac	1
Gi3_28275142_x1	...cgaucggaAacgucguggg	1
Gi2_11354722_x1	.....gNgaacacggggugccgaacu	1
Gi3_28349413_x1	...cgagacgCcgugggaacacg	1
Gi1a_5998643_x1	.....cgugggaacacggggAgc	1
Gi2_11305005_x1	...gaucggagacguAgugggaacacg	1
Gi1_4260662_x1	.....gucgugggaacacggggCgcc	1
Gi3_28669747_x1	.....gagacgucgugggCacac	1
Gi5_8989660_x1	...gagacgAcgugggaacacggggugccgaacu	1
Gi2_11015120_x1	.....gggaacacgCggugccga	1
Gi5_9048533_x1	.....cgugggaacacggggugcG	1
Gi2_11142050_x1	.....gugggaacacggggugcGga	1
Gi2_11178717_x1	.....gucgugggaacCcggggugccga	1
Gi3_28506660_x1	...aucggagaGgucgugggaacac	1
Gi1_4314101_x1	.....cgucgugggaacacggggugccCaac	1
Gi4_572858_x1	.....gggaacacggggCgccgaac	1
Gi1_4370639_x1	.....ggaacacggggugccgaUc	1
Gi1_4202041_x1	.....cgugggCacacggggugccgaac	1
Gi3_28324786_x1	.....acgucgugggaacacggggugcAga	1
Gi2_11240191_x1	...aucggagacgucguCggaacacggggugc	1
Gi3_28943635_x1	...gaucggagacgucguggUaacac	1
Gi3_28530103_x1	.....ugggaacacgCggugccgaac	1
Gi5_9073317_x1	.....ucgugggaacaGggggugccgaacu	1
Gi1_4325387_x1	.....ucgAgggaacacggggugccgaac	1
Gi3_28424949_x1	.....acgucgugggaacaUggggugccgaa	1
Gi3_28526121_x1	.....gucgugggUacacggggugc	1
Gi3_28805356_x1	...gagacgucgugggaacacggggugcUg	1
Gi1_4239272_x1	.....Uggaacacggggugccga	1
Gi2_11399793_x1	...gaucggagacgucgugggUaca	1
Gi3_28752216_x1	...gaucggagacgucgugggaacacgggAugc	1
Gi1_4200379_x1	...aucggagacgucgugAgaacacg	1
Gi4_611330_x1	.....gucgugggaacacggggugccgaa	0
Gi5_9062086_x1	...ggagacgCcgugggaacacggggugccgaacu	1
Gi5_9113568_x1	.....cgugggaacacgggAugccga	1
Gi1_4180163_x1	.....ggUaacacggggugccgaa	1
Gi1_4342532_x1	.....gucgugggaGcacggggugccgaacu	1
Gi1a_6124519_x1	...gaGcggagacgucgugggaacacggg	1
Gi3_28944921_x1	...cgucgugggaacCcggggugccgaa	1
Gi2_11278650_x1	.....cgucgugggaacacggggugccUa	1

Gl1a_6147163_x1.....gucgugggaacaAggggugccgaacu.....	1
Gi5_8841939_x1.....cggagacgucguUggaacacgg.....	1
Gi1_4291944_x1.....aucggagacgucgugggaaGacgggg.....	1
Gi1_4161904_x1.....cgugggaacacggggugAcgaaacu.....	1
Gi3_28826872_x1.....cggagacgucguggAaacacgggggu.....	1
Gl1a_6071780_x1.....gugggaacUcggggugcc.....	1
Gi2_11406968_x1.....gaucggagacgucgugggGacacggggug.....	1
Gl1a_6000882_x1.....gaacacggNgugccgaac.....	1
Gi2_11172251_x1.....gaucCgagacgucgugggaacacgggggu.....	1
Gi2_11223470_x1.....agacgucguggggaacacgUggugcc.....	1
Gi1_4338332_x1.....gucgugggaaAacggggug.....	1
Gi3_28281181_x1.....gagacgucguggggaacacgAgggugccga.....	1
Gi2_10993495_x1.....cgugggaacacggggugG.....	1
Gi2_11308969_x1.....gaucggagacgucAugggaacacg.....	1
Gi1_4326793_x1.....gaNgucgugggaacacggggugccgaacu.....	1
Gi2_11117463_x1.....cguUgugggaacacggggugc.....	1
Gi3_28865742_x1.....gacAucgugggaacacgg.....	1
Gi2_11186005_x1.....gagacgucguggggaacCcggggugccgaac.....	1
Gi3_28808414_x1.....gagacgucguggggaacGcggggugcc.....	1
Gi5_9013356_x1.....gugggaacacggggugcUgaa.....	1
Gi2_11351281_x1.....ggaacacggggugUcgaa.....	1
Gi3_28808093_x1.....cggagacgCcguggggaacacgggg.....	1
Gi1_4182374_x1.....Ugugggaacacggggugcc.....	1
Gi3_28880478_x1.....gaucggagacguAguggggaacacg.....	1
Gi2_11170283_x1.....aucggagaUgucgugggaacacgggg.....	1
Gl1a_6048808_x1.....ggaacacggggugccgaaU.....	1
Gi3_28635184_x1.....gugggaacacggggugcUgaacu.....	1
Gl1a_6254318_x1.....gugggaacacggggugUcgaac.....	1
Gi3_28341929_x1.....gacguGgugggaacacggggugccg.....	1
Gi5_9017364_x1.....gucgugggaacacggggugccAaa.....	1
Gi5_9124912_x1.....cacggggugccgGacuuu.....	1
Gi5_8879695_x1.....aAcggagacgucgugggaacacggggugc.....	1
Gi2_11228325_x1.....gacgucguggggaacacggggugccC.....	1
Gi1_4245029_x1.....ucguUggaacacggggugccga.....	1
Gi3_28608554_x1.....cgauccgagacgucAugggaacacgggggu.....	1
Gi4_584424_x1.....cUucgugggaacacggggugc.....	1
Gi2_11161697_x1.....ugggaacacggggugccgaGcuu.....	1
Gi1_4198510_x1.....aucggagacgucgGgggaacacg.....	1
Gi3_28821798_x1.....ggagacgucgugggaaUacggggugcc.....	1
Gi1_4375876_x1.....Cucggagacgucgugggaacacg.....	1
Gi3_28633542_x1.....gaucggagaUgucguggga.....	1
Gi5_8954635_x1.....ucggUgacgucgugggaacacg.....	1
Gi1_4198358_x1.....agacgucguggAaacacggggugccg.....	1
Gi2_11213159_x1.....acgucgAgggaacacggggugcc.....	1
Gi2_11094170_x1.....aucggagacgucguggggaacacgAgg.....	1
Gi5_8957623_x1.....gacgucgugggaacacgggAugccgaacu.....	1
Gi5_9103489_x1.....gugggaacacgUggugccgaacu.....	1

Gi5_9123820_x1.....cggCgacgucgugggaaacacg..... 1
Gi1_4360806_x1.....uggaacacggggugccgaUcu..... 1
Gi1_4254092_x1.....cguAggaacacggggugccgaac..... 1
Gi2_11324045_x1.ugcgauccggaAacgucgugggga..... 1
Gi2_11104714_x1.....cgucgugggaaUacggggugcc..... 1
Gi2_11059151_x1.....cguUggaacacggggugccgaac..... 1
Gi3_28266684_x1.....gacgucguggAaacacggggugccgaacu..... 1
G1a_6108943_x1.....cggagacUucgugggaaacacgg..... 1
Gi1_4183875_x1.....guggaacacggggugccgUac..... 1
Gi4_591999_x1.....acgucgugggaaacacggggugccgGacu..... 1
Gi1_4173542_x1.....ggaacacggggugccgaCc..... 1
Gi2_11383068_x1.....cggagacgucgugggaaacacggggGcggcaacu..... 1
Gi5_8919882_x1.....cgucgugGNaacacggggugccgaa..... 1
Gi5_8836340_x1.....acuuucccGgcgcgccugcugcccacc..... 1
Gi3_28570625_x1.....cgugggaaacacggggugcAga..... 1
Gi3_28447814_x1.....aucggagacgucgugUgaacacgg..... 1
Gi1_4260454_x1.....Ugucgugggaaacacggggugccg..... 1
Gi3_28763278_x1.....ggagacgucgugggaaacacggggGgcccga..... 1
Gi5_9026259_x1...gaucggagacgucgugAgaacacggg..... 1
Gi1_4242350_x1.....agacUucgugggaaacacggggugccg..... 1
Gi5_9100429_x1.....gugggCacacggggugccgaa..... 1
Gi2_11043744_x1....aNcggagacgucgugggaaacacggggugc..... 1
Gi3_28758590_x1....aucggagacgucgugggCacacggggug..... 1
G1a_6220950_x1.ugcgauccAagacgucgu..... 1
Gi2_11079285_x1.....cggagacgucgugggaaacacggAgug..... 1
Gi1_4196304_x1.....aacacggggugccgaGcuu..... 1
Gi3_28790007_x1.....ucgugggaaacacgggCugccgaac..... 1
Gi4_597262_x1.....ugUgaacacggggugccgaacu..... 1
Gi3_28836463_x1.....Agagacgucgugggaaacacggggugccgaac..... 1
Gi5_9014548_x1....aucggagacgucgugggaaUacggggugc..... 1
Gi5_9126363_x1.....guggUaacacggggugccg..... 1
G1a_6262157_x1....aGcggagacgucgugggaa..... 1
Gi1_4246711_x1.....gacgucgugggaaacacggggugcUgaacu..... 1
G1a_6001175_x1....aucggagacgucgCgggaacacgg..... 1
Gi2_11006403_x1.....cgugggaaUacggggugccg..... 1
Gi2_11259929_x1...cgaCcgagacgucgugggga..... 1
Gi5_9067242_x1.....gggaaGacggggugccgaacu..... 1
Gi1_4196698_x1....aucggagacgucgugggaaacGcggggu..... 1
Gi2_11261287_x1..gcgauccgagacgucguggggaGcac..... 1
Gi1_4292568_x1....ucggagacgucgugggaaacGcggggugc..... 1
G1a_6087841_x1.....guUggaacacggggugccga..... 1
Gi2_11388558_x1.....agacgucgugggaaUacggggugcc..... 1
Gi3_28788106_x1....ucggagacgucgugggGacacggggugccga..... 1
Gi2_11353305_x1....ucggagacgucgugggaaacacggAgugc..... 1
G1a_6223974_x1.....gUagacgucgugggaaacacggggugccgaacu..... 1
Gi3_28261718_x1.....gucgugggaaacacggggugccAaa..... 1
Gi3_28904424_x1.....gaAacgucgugggaaacacggggugccgaac..... 1

G1a_6329013_x1.....gacgucgCggaacacggggu..... 1
 Gi4_610217_x1.....cUgggaacacgggugccgaac..... 1
 Gi5_9083321_x1.....ggaacacgggguCccgaacu..... 1
 Gi2_11148400_x1...cgaucggagacgucgugggUaca..... 1
 Gi4_580002_x1.....ggaacacgggugccAaacu..... 1
 Gi2_11054077_x1.....aCacgucgugggaacacgggugccgaac..... 1
 Gi5_9123941_x1.....gagacgucgugggaacacgggugccGacu..... 1
 Gi4_595456_x1.....gggaacacgggugccGacu..... 1
 Gi4_572315_x1.....gggaacacgggugccAaacu..... 1
 G1a_6049012_x1.....ggaacCcggggugccgaac..... 1
 Gi5_9014635_x1.....cgucgugggaCcacgggugcc..... 1
 Gi2_11141422_x1...cgaucggagacgGcgugg..... 1
 Gi3_28599689_x1.....cNgagacgucgugggaacacggggu..... 1
 Gi1_4361988_x1....aucggagacgucgugggGacacgggugc..... 1
 Gi4_584966_x1.....gugggaacacgggugccgaGc..... 1
 Gi2_11312521_x1...cgaucggCgacgucgugggaacacg..... 1
 Gi3_28949827_x1.....agacgucCugggaacacgggugcc..... 1
 Gi3_28671797_x1.....gacgucgugggaacacggAgugccgaa..... 1
 Gi2_11316296_x1.gcgaucggagacgucAuggga..... 1
 Gi5_9028194_x1.....acGcggggugccgaacuuu..... 1
 Gi3_28555824_x1.....ucggagacgucgugggaUcac..... 1
 Gi3_28276170_x1.gcgaGcggagacgucgugggaacacggggu..... 1
 Gi5_8978993_x1.....agacgucgugggaacacgggugcAgaac..... 1
 Gi1_4273633_x1.....cggagacgucgugggaacacgggugUc..... 1
 Gi3_28982565_x1cugNgaucggagacgucg..... 1
 Gi3_28265582_x1.....cggagacgucgugggaCcacggg..... 1
 Gi1_4209292_x1.....acguAgugggaacacgggugccgaacu..... 1
 Gi5_8866100_x1.....cgucgugggaUcacgggugccgaacu..... 1
 Gi2_11057141_x1...gaucggagacgucgugggaacacgAggug..... 1
 Gi2_11220507_x1....uUggagacgucgugggaacacgggugccgaacu..... 1
 Gi5_8898971_x1.....ucgugggaGacgggugccgaacu..... 1
 Gi2_11029106_x1.....gagacgucguggUaacacgggugccgaacu..... 1
 Gi1_4179569_x1.....cgucguggNaacacgggugccgaa..... 1
 Gi2_11359732_x1...gaucggagacgucgugggaacacgggugU..... 1
 G1a_6051418_x1...gauUggagacgucgugggaacacggggu..... 1
 Gi2_11268285_x1.....cguggUaacacgggugccgaac..... 1
 Gi1_4226949_x1.....agacgucgugggaacacgggugccAa..... 1
 Gi3_28651206_x1...cgauUggagacgucgugggaacacgggugcc..... 1
 Gi4_613890_x1.....gugggaacacgggugccgaaUu..... 1
 Gi5_8992761_x1.....cgucgugggaacacgggugcGgaacu..... 1
 Gi2_11043685_x1.....cgugggaacacggAgugc..... 1
 Gi5_9097358_x1.....ugggUaacacgggugccgaac..... 1
 Gi3_28765382_x1....aucggagacgucgugggaacacgAggugccg..... 1
 Gi3_28501179_x1.....cgucgugggaacacgggugGc..... 1
 Gi2_11169419_x1...cCaucggagacgucguggga..... 1
 Gi3_28649692_x1.....gucgCgggaacacgggug..... 1
 Gi2_11144443_x1.....cgugggaacacgggAgccga..... 1

Gi3_28294068_x1.....Cacgucgugggaacacggggugccg.....	1
Gi1_4198491_x1.....ugggGacacggggugccgaa.....	1
Gi2_11187240_x1.....ggagacgucguAggaacacgggggu.....	1
Gi3_28524640_x1.ugcgauccggGgacgucgugggaacacgggggu.....	1
Gi3_28899074_x1.....gagacgucgugggaacacggggugcAgaacu.....	1
Gi2_11103474_x1.....agacgucgugCgaacacggggugccgaa.....	1
Gi3_28461412_x1.....ggagacgucgugggaacacggAg.....	1
Gi5_8977242_x1.....aucggagaNgucgugggaacac.....	1
Gi2_11390616_x1.....aucggagacgucgugggaGcacgggg.....	1
Gi3_28822262_x1.....acgucgugggaaAacggggugcc.....	1
Gi1_4245667_x1.....ggagacgucgugggaacacg.....	0
Gi5_8934222_x1.....guUggaacacggggugccg.....	1
Gi3_28562907_x1.....Ucgucgugggaacacggggugccg.....	1
Gi3_28580297_x1.....ucggagacgucgugggaacaUgggggu.....	1
Gi3_28374729_x1...cgaNcggagacgucgugggaacacg.....	1
Gi3_28274578_x1...gaucggagacCucgugggaacacgggggu.....	1
Gi5_8935414_x1...aucggagacgucgugggaacacU.....	1
Gi1_4310762_x1...aucggGgacgucguggga.....	1
Gi2_11359708_x1...aucggagacgucgugAgaaca.....	1
Gi2_11049741_x1...aucggagacguAgugggaaca.....	1
Gi3_28348113_x1...ucggagacgCcgugggaacacggggugc.....	1
Gi2_11257254_x1...agacgucgugggaacacggAgugcc.....	1
Gi5_8968304_x1...gugUgaacacggggugccgaacuuu.....	1
Gi5_9028812_x1...agacgucgugggaacacggggugccgaa.....	0
Gi2_11113412_x1...cgucgugggaacacggggAgccgaa.....	1
G1a_6185367_x1...aucggagacgucgugggaacacU.....	1
Gi3_28364572_x1...gagacgucgugggaacacggggugccgaaU.....	1
G1a_6167373_x1...Aaucggagacgucgugggaacacg.....	1
Gi1_4245540_x1...cgucgugggaacacggggugccgaaAu.....	1
Gi5_8983057_x1...cgucgugggaacacggggAgccga.....	1
Gi2_10995106_x1...aucggagacgucgugggaacacggC.....	1
Gi3_28698841_x1...gaucggagacgucgugUaacacgggggu.....	1
Gi2_11183648_x1...gugggaacacggggugGcga.....	1
Gi1_4213635_x1...guAggaacacggggugccgaa.....	1
Gi1_4208002_x1...ucggagacgucgugggaacaAggggugccgaa.....	1
Gi3_28335936_x1...cgucgAgggaacacggggugccgaa.....	1
G1a_6301518_x1...aucggagacgucgugggGacacgg.....	1
Gi2_11207418_x1...gacUucgugggaacacggggugccgaa.....	1
G1a_6287478_x1...acgucgugggaacacggggugccgaaA.....	1
G1a_6269382_x1...gacgucgugggaacacggggGgcccgaacu.....	1
G1a_6066103_x1...gucgugggaaAacggggugcc.....	1
Gi3_28562281_x1...cgauccgagacgucgGgggaacacg.....	1
Gi1_4378067_x1...gucgugggaacacggggUcccgaacu.....	1
Gi1_4259762_x1...cguUgugggaacacggggugccgaa.....	1
Gi2_11217981_x1...cgucgugggaacacAgggug.....	1
Gi1_4240272_x1...cgucgugggaacacggggUgcccgaacu.....	1
Gi3_28721942_x1...cgucUgggaacacggggugc.....	1

Gi3_28320715_x1...cgGucggagacgucgugggaacacgg.....	1
Gi1_4165978_x1.....cgugggaacacgUggugccgaacu.....	1
Gi5_8999733_x1.....cgugggaacacgggguAccga.....	1
Gi5_9018678_x1....aucggCgacgucgugggaacacg.....	1
Gi1_4278910_x1....aucggagacguUgugggaacacggg.....	1
Gi2_11239406_x1.....uGggagacgucgugggaacacg.....	1
Gi2_11406577_x1.....cgucguAggaacacggggugccgaa.....	1
Gi3_28908826_x1.uUcgauccgagacgucgugggaacacggg.....	1
Gi3_28522506_x1.....cgucgugggaacacggggugG.....	1
Gi1_4363205_x1.....gaacacCgggugccgaacu.....	1
Gi5_9136118_x1.....Cagacgucgugggaacacggggugccgaac.....	1
Gi2_11084563_x1...cgauccAgagacgucgugggaacacggggugcc.....	1
Gi3_28274763_x1.....Nggaacacggggugccgaacu.....	1
Gi5_8965818_x1.....agacgucgugggaacacggggugUcgaaacu.....	1
Gi2_11389766_x1...cgauccgagGcgucgugggaacacggg.....	1
Gi3_28331419_x1.....ugNgaacacggggugccgaa.....	1
Gi3_28806727_x1...gaucggUgacgucguggga.....	1
Gi3_28853400_x1...gaucggagaAgucguggga.....	1
Gi3_28581080_x1.....gacgucgCgggaacacggg.....	1
Gi2_11065411_x1.....agaUgucgugggaacacggggugccgaacu.....	1
Gi1a_6138011_x1.....acgucgugggaacacAgggg.....	1
Gi2_11296973_x1.....cgucguggAaacacggggugccg.....	1
Gi2_11029800_x1.....cgucgugggaacacggggugcGgaacu.....	1
Gi2_11023884_x1.....ggagacgucgugggaacacgggUugcc.....	1
Gi1_4346989_x1...gaucggaAacgucguggg.....	1
Gi1a_6322999_x1.....aucgUagacgucgugggaacacggg.....	1
Gi3_28794766_x1.....gugggaacacgCggugccgaa.....	1
Gi3_28413707_x1.....gacguUgugggaacacgggg.....	1
Gi2_11313391_x1.....agacgucgugggaacacggggugccgaUcu.....	1
Gi5_8839575_x1.....agacgucgugggaacacggggugccgUacu.....	1
Gi3_28612825_x1...gauAggagacgucgugggaacacggg.....	1
Gi2_11184741_x1.....gucgugggaacacggggugccgC.....	1
Gi2_11315886_x1.....cgugggaacacggggugGc.....	1
Gi1_4341789_x1.....ggGgacgucgugggaacacggggug.....	1
Gi3_28497722_x1...gaucggagacgucgugggaacUcggggugc.....	1
Gi1a_6147459_x1....aucggagGcgucguggga.....	1
Gi1_4253092_x1....aucggagaNgucgugggaacacggg.....	1
Gi5_8933110_x1.....cCugggaacacggggugccgaacu.....	1
Gi2_11142379_x1....ucggaUacgucgugggaac.....	1
Gi3_28454117_x1.....gacgucgugggaacNcggggugccgaacu.....	1
Gi2_11375270_x1.....acgucgugggaacacCggggugccgaa.....	1
Gi5_9050914_x1.....gugggaacacAgggugccg.....	1
Gi1_4302488_x1...gcgaucggagacgucgugggaacacggggugccga.....	0
Gi2_11397859_x1.....cgucguggGacacggggugccgaac.....	1
Gi2_11381558_x1.....ggagacgucgugggaCcac.....	1
Gi3_28446593_x1.....ucgugggaacacggggugUc.....	1
Gi3_28453491_x1.....ggagacgucgugggaacacgggggUcc.....	1

Gi1_4185341_x1.....ucggagacgucgugggaaacacggggAgc..... 1
Gi5_9121769_x1.....gugggaacacggggugcAga..... 1
Gi5_8915265_x1.....cgugggaUcacggggugccga..... 1
Gi5_9132000_x1.....ucgugggaacaGggggugccgaac..... 1
Gi1_4356185_x1.....gggaacacggggugccgaaA..... 1
Gi1_4262225_x1.....gugCgaacacggggugccg..... 1
G1a_6188052_x1.....ucggagaUgucgugggaaacacggg..... 1
Gi2_11013576_x1.....Aggagacgucgugggaaacacggggugccgaacu..... 1
Gi3_28793472_x1.....ggagacgucgugUgaacacg..... 1
Gi2_11207060_x1.....aucggagacAucguggga..... 1
Gi5_9072141_x1.....guggAaacacggggugccgaa..... 1
Gi3_28539792_x1.....ucggagCcgucgugggaaacacggg..... 1
Gi5_8881043_x1.....cgucgugggaaacacggggAgccgaa..... 1
Gi2_11170750_x1.....gacgucgugggaaacaGggggugccgaacu..... 1
G1a_6359722_x1.....ucggagacgucgugggCacacggggugcc..... 1
Gi2_11219368_x1.....aucggagacgucgugggaaacacggggugG..... 1
Gi2_11177364_x1.....aucggagacgucgugggaaacacggggugcA..... 1
Gi2_11127496_x1cugcgauccggagacgucgugggaaacaA..... 1
Gi2_11173634_x1.....cgucgugggaaacaAgggggugccgaac..... 1
Gi2_11193429_x1.....ugggaacacggggugccgGa..... 1
Gi5_8854846_x1.....guUggaacacggggugccgaacuu..... 1
Gi5_8939837_x1.....cggagacgucgugggaaUacggggugccga..... 1
G1a_6337277_x1.....Gcggagacgucgugggaaacacggggugc..... 1
Gi2_11373037_x1.....cguggAaacacggggugccga..... 1
Gi3_28422835_x1.....aucggagacgucgugggaaacacggggCgccg..... 1
Gi3_28587462_x1.....gacgucgugggaaCcacggggugccg..... 1
Gi1_4368496_x1.....cgugggCacacggggugcc..... 1
Gi3_28580687_x1.....cguggAaacacggggugc..... 1
Gi1_4381532_x1.....Acggagacgucgugggaaacacggg..... 1
Gi5_8903263_x1.....agaUgucgugggaaacacggggugc..... 1
Gi3_28788866_x1.....cgucgugggaaacacUgggu..... 1
G1a_6137112_x1.ugcgauccgNagacgucgug..... 1
Gi2_11161982_x1.....aucggagacgucgCgggaacacgg..... 1
Gi2_11115456_x1.....gacgucgugggGacacggggugccgaac..... 1
Gi2_11322340_x1.....gacAucgugggaaacacggggugc..... 1
G1a_6102016_x1.....gggaacacUgggugccgaacu..... 1
Gi5_9087430_x1.....agacAucgugggaaacacggggugccgaac..... 1
Gi2_11197035_x1.....gagacgucgCgggaacacggggug..... 1
Gi3_28412396_x1.....ggagacgucgugUgaaca..... 1
Gi2_11105025_x1.....cguNggaacacggggugccgaac..... 1
Gi4_599000_x1.....gAgggaacacggggugccga..... 1
Gi3_28820825_x1.....cggagacgucgugggaaGcacggggug..... 1
Gi2_11299687_x1.....cgauccggagacgucgugggaaGcacggggug..... 1
Gi2_11007882_x1.....cgucgGgggaacacggggugc..... 1
Gi3_28976063_x1.....aCacgucgugggaaacacgggg..... 1
Gi2_11331752_x1.....gacgucgugggaaacacggggugAcgaac..... 1
Gi2_11158685_x1.....ggagUcucgugggaaacacgggggu..... 1

Gi2_11166368_x1..gcgaucggaAacgucgugggaacacggg.....	1
Gi3_28761144_x1.....ucggGgacgucgugggaacacggggugccgaac.....	1
Gi5_8949160_x1.....gucgCggaacacggggugc.....	1
Gi3_28515481_x1.....gagacgucgugggaacCcgggugccgaac.....	1
Gi3_28867521_x1.....gaucggagacgucgugggaacaG.....	1
Gi4_601083_x1.....gacgucgugggaacacggggugccgaacA.....	1
Gi1_4199416_x1.....gaucggagGcgucguggga.....	1
Gi1a_6353752_x1.....gaucggagacgucgugggaacaUg.....	1
Gi3_28284157_x1.....gacgucgugggaacacAgg.....	1
Gi3_28886431_x1.....agacgucgugggaacacggggugccAa.....	1
Gi2_11347618_x1.....cgucgugggaacacCggggug.....	1
Gi2_11236290_x1.....gaacacgUggugccgaacu.....	1
Gi1a_6286487_x1.....aucggGgacgucgugggaacacgg.....	1
Gi2_11161770_x1.....aucggagacgucgugggaacacgggUugcc.....	1
Gi5_9060248_x1.....aucggagacgucguggga.....	0
Gi3_28349541_x1.....gugggaacacUgggugccg.....	1
Gi5_8977585_x1.....aucggagacgucgugggaacCc.....	1
Gi2_11012093_x1.....aGgucgugggaacacggggugccga.....	1
Gi2_11096801_x1.....aucggagUcgucgugggaacacggggug.....	1
Gi3_28811831_x1.....acgGcgugggaacacggggugccgaa.....	1
Gi4_586201_x1.....ggaacacgNggugccgaacu.....	1
Gi2_11009185_x1.....gucgGgggaacacggggugccga.....	1
Gi1_4319731_x1.....Uucgugggaacacggggugccga.....	1
Gi2_11361321_x1.....ugggaacacggggugAcgaa.....	1
Gi5_8930083_x1.....acgucgugggaacacggggAgcc.....	1
Gi1_4324654_x1.....gucgugCgaacacggggugccgaac.....	1
Gi5_9081824_x1.....ggaacacggggugcUgaac.....	1
Gi5_8905360_x1..ugcgaucggagacgucguAgga.....	1
Gi5_9056872_x1.....cgGgggaacacggggugccg.....	1
Gi5_9017737_x1.....cAucgugggaacacggggugc.....	1
Gi3_28757196_x1.....gggaacacggggAgccga.....	1
Gi3_28656152_x1.....gaacacggggGgccgaacu.....	1
Gi5_9117015_x1.....gugggaacacggggugccgUacuu.....	1
Gi1_4283749_x1.....agacguUgugggaacacggggugccgaacu.....	1
Gi2_11023222_x1.....ucggCgacgucgugggaaca.....	1
Gi1a_6330985_x1.....gucgugggaacacggggugccgaCcu.....	1
Gi3_28376664_x1.....ggagacgucgugggaacacAgggugccga.....	1
Gi1_4373095_x1.....ugUgaacacggggugccga.....	1
Gi5_8835995_x1..ugcgaucggCgacgucgugg.....	1
Gi3_28340748_x1.....aucggagacgucgugggaacacggggugA.....	1
Gi2_11378683_x1.....ucgugggaacacggggugAcgaa.....	1
Gi5_8841682_x1.....ggCacacggggugccgaacu.....	1
Gi2_11123213_x1.....gacgucgugggaacaGggggu.....	1
Gi5_9120124_x1.....cgucgugggaacacggggAgcc.....	1
Gi3_28424052_x1.....cgucgugggaacaUgggg.....	1
Gi3_28806899_x1.....cgaucggagacgCcgugg.....	1
Gi3_28949602_x1.....ucggagacgucgugggaacacgggAugcc.....	1

Gi1_4345552_x1.....gacgucguggAaacacggggugccgaacu.....	1
Gi2_11145614_x1....aucNgagacgucgugggaacacggggu.....	1
Gi5_9000953_x1.....gugggaacacggggCgccga.....	1
Gi3_28628883_x1.ugcgaucggagacgucgugggaGcacg.....	1
Gi3_28519424_x1.....gacgucgugggGacacggggu.....	1
Gi2_11377878_x1.....ugggaacacgggAugccg.....	1
Gi3_28599860_x1.....gagacguUgugggaacacg.....	1
G1a_6232509_x1...cgaucggCgacgucgugggaa.....	1
G1a_6094550_x1.....ggagacgucgugggaGcacg.....	1
Gi5_8975565_x1....aucggagCcgucgugggaacacg.....	1
Gi2_11095498_x1.....cggagacgucgugggaacacggUgug.....	1
Gi2_11159848_x1....aucggagacgucAugggaacacg.....	1
Gi2_11167446_x1....gaucggagacgucgugggaGcacggggugc.....	1
Gi1_4383907_x1.Gcggaucggagacgucgugggaacacg.....	1
Gi2_11017653_x1.....cggagacgucgugggaacGcg.....	1
Gi2_11164527_x1...cgaucggagacgucGcg.....	1
Gi3_28371378_x1.....gucguAggaacacggggug.....	1
Gi2_11064052_x1.....gacgucgugggaacGcgg.....	1
Gi1_4305731_x1.....ucNugggaacacggggugccgaacu.....	1
Gi2_11179885_x1.....gucgugggaacacggggugcU.....	1
Gi3_28293053_x1.....gucgugggaacacggggugGcgaacuu.....	1
Gi1_4223234_x1.....cgucUugggaacacggggugcc.....	1
Gi4_572678_x1....aucggagacgucgugggaa.....	0
Gi1_4168633_x1.....cgugggaacacggggugcUgaac.....	1
Gi2_11092207_x1.....cgucgugAgaacacggggug.....	1
Gi2_11126750_x1..gcgaucggGgacgucgugggaacac.....	1
Gi3_28954476_x1.....ucggagaUgucgugggaacacg.....	1
Gi3_28334452_x1.....agacgucCugggaacacggggugccgaac.....	1
Gi5_8879035_x1.....ucgugggaUcacggggugccgaacu.....	1
Gi2_11174552_x1.....ucgugggaacacggggugGcgaacu.....	1
Gi3_28326963_x1...gaCgggagacgucgugggaac.....	1
Gi3_28663692_x1..gcgaucggCgacgucgugggaaca.....	1
Gi4_612266_x1....cgucgugggaacacggggugUcga.....	1
Gi3_28623698_x1..gcgauUggagacgucguggga.....	1
Gi2_11071412_x1...gaucggagacgucguCggaacac.....	1
Gi1_4248484_x1.....ucgugggaacacggggugccgaaGu.....	1
Gi1_4224752_x1.....acgucgugAgaacacggggugccgaacu.....	1
Gi3_28755289_x1.....gacgucgugggaacacggggugccUaacu.....	1
Gi5_9077807_x1....aAcggagacgucgugggaaca.....	1
Gi5_8896171_x1....aucggagacguUgugggaacacg.....	1
Gi5_9023895_x1.....ggagacgucgugggaacacggggA.....	1
Gi2_11106786_x1.ugcgaucggagacgucgugggaaAac.....	1
Gi3_28478675_x1.....gugggaacacggAgugccgaacuu.....	1
Gi3_28351204_x1.ugcgaucggagacgucgugggaac.....	0
Gi3_28511785_x1.....gucgugggaacacUgggugccgaac.....	1
Gi3_28571428_x1.....cggagacgCcgugggaacacggggug.....	1
G1a_6170019_x1....Uucggagacgucgugggaa.....	1

Gi3_28943214_x1.....ggagacgucgugggaacacggggugccgaUc..... 1
Gi2_11368706_x1...cgaucggagacgucgugggaacacggggugcG..... 1
Gi3_28982958_x1.....ggagacgucgGgggaacacggggugccg..... 1
Gi5_8905130_x1.ugcgauCGNagacgucguggga..... 1
Gi3_28329679_x1..gcgGucggagacgucgugggaaca..... 1
Gi1_4199689_x1.....acgucgugAgaacacggggugccgaac..... 1
G1a_6168312_x1....aucggUgacgucgugggaacacggg..... 1
Gi3_28641250_x1.....cNucgugggaacacggggugccgaacu..... 1
Gi5_8923396_x1.....ucgugggaacacgggAugccgaac..... 1
G1a_6251954_x1.ugcgauCGgagaGgucgug..... 1
G1a_6123715_x1....aucggagaAgucgugggaacacggg..... 1
Gi3_28841029_x1...gaucggGgacgucgugggaacacgggg..... 1
Gi4_582119_x1.....cgucgugggaacacggggugccgC..... 1
Gi3_28454112_x1.....cggagGcucgugggaacacgg..... 1
Gi3_28715171_x1.ugcgauCGgagGcucguggga..... 1
Gi3_28361834_x1....aucggagacgucguCggaacac..... 1
Gi5_8903780_x1.....cgucgugGNaacacggggugcc..... 1
Gi2_11404089_x1.....gucgugggaacacggggugcAgaac..... 1
Gi3_28514084_x1.....cggagacgucgugggaacacggAg..... 1
Gi2_11298505_x1.....gacAucgugggaacacggggugccg..... 1
Gi1_4173581_x1....aucggagacgucgugAgaacacgggg..... 1
G1a_6278417_x1.....Cgagacgucgugggaacacg..... 1
Gi3_28823849_x1.....gCcgucgugggaacacggggugccgaacu..... 1
Gi1_4347839_x1....aucggagacgucgugggaacaUgggg..... 1
Gi2_11399549_x1.....gagacgucgugggaGcacggggugccgaacu..... 1
Gi1_4287470_x1....gaucggagacgucgugggaGacgg..... 1
G1a_6245419_x1.....Agagacgucgugggaacacggggugcc..... 1
Gi1_4286657_x1....aucggagacgucgugggaacacggggGgc..... 1
Gi2_11063874_x1....aucggaAacgucgugggaacacggggugcc..... 1
Gi3_28919389_x1....aucggagaAgucgugggaacacg..... 1
Gi5_9048218_x1.....Ngaacacggggugccgaacu..... 1
Gi3_28525366_x1....ucggagacgucgugggaacacU..... 1
Gi3_28505910_x1....aucggagacgucgugggUacac..... 1
Gi3_28673157_x1.....ggagacgucgugggaacacggggugUcgaacu..... 1
G1a_6195201_x1.....gugggaacacgggAugccgaa..... 1
Gi2_11264232_x1....aucggagacgucCugggaacac..... 1
Gi5_8912821_x1.....gacgucgugggaacacggggugccgaCcu..... 1
Gi2_11111480_x1.....gagacgucgugggaacacggggugcAgaac..... 1
Gi3_28841641_x1.....ucguCggaacacggggugccg..... 1
Gi2_11027609_x1....aucggagacgucgugggaacacgUg..... 1
Gi3_28278407_x1.....cgucgugggaacacAgggugc..... 1
Gi3_28420941_x1.....acgucguCggaacacggggugccgaac..... 1
Gi3_28658001_x1....ucggagacgucgugggaAacgg..... 1
Gi3_28719019_x1..gcgaCcgagacgucgugggaacacgg..... 1
Gi5_8895509_x1....Ccgagacgucgugggaacacggggugccgaacu..... 1
Gi2_11384165_x1.....Uggagacgucgugggaacacggggugccga..... 1
Gi3_28343123_x1.....ggagacgucguAggaacacggggugccg..... 1

Gi1_4293761_x1....aucggagacgucgugggaacacggggC..... 1
Gi1_4181962_x1....aucggagacgucgugggaacacgAggu..... 1
Gi2_11316137_x1...cCaucggagacgucgugggaacacggggugc..... 1
Gi2_11237568_x1.....ggagacgucgugggaacacggggugccU..... 1
Gi2_11037228_x1.....agacgucgAgggaacacggggugccgaacu..... 1
Gi5_8900393_x1.....aacacggggugccgaacuC..... 1
Gi1_4303606_x1....ucggagUcguccgugggaacacg..... 1
Gi2_11296757_x1.....ggagacguAgugggaacacg..... 1
Gi1_4357205_x1.....agacUucgugggaacacggggugccgaac..... 1
Gi3_28697728_x1.....cgucCugggaacacggggugccgaac..... 1
Gi1_4304041_x1.....gugggaacacggggugccgaCcuu..... 1
Gi1_4218954_x1.....cgCgggaacacggggugccgaacu..... 1
Gi1_4297365_x1....aucggagacgucguggga..... 0
Gi1_4351838_x1.....gUgacgucgugggaacacggggugccgaacu..... 1
G1a_6319072_x1...gaucggagacgucgugggGa..... 1
Gi3_28976007_x1.....gacgucgugggaacacggggugccgaCc..... 1
Gi3_28789552_x1.....ggagacgucgugggaGcacggggugcc..... 1
Gi3_28307855_x1....ucggagacgucgugggaCcacgggg..... 1
Gi3_28654476_x1....aucggagacgucgugggaacacggggugccgCacu..... 1
Gi3_28667785_x1...gaucggagacgucguggAaacacgggg..... 1
Gi5_9075650_x1...gaucggagNcgucgugggaaca..... 1
Gi2_11107628_x1.....gagacgucgugggGcacggg..... 1
Gi3_28971096_x1...gaucggaAacgucgugggaacacggg..... 1
Gi2_11317950_x1.....gacgucgugggUaacacgggg..... 1
Gi3_28538990_x1....aucggagacgucgugUgaacac..... 1
Gi1_4375399_x1...cgaucggagacgucgugggaacacgAggu..... 1
Gi2_11407229_x1...cgaucggagaUgucgugggaacacggggug..... 1
Gi1_4261223_x1.....ugggaacacggCgugccgaacu..... 1
Gi2_11290011_x1.....ggagacguGgugggaacacggggugcc..... 1
Gi3_28519686_x1.....acgucgugggaacacggggAgccga..... 1
Gi1_4203296_x1.....ugggaacacggggugccCaacu..... 1
Gi2_11144616_x1.....acgucgugggaCcacggg..... 1
Gi2_11126056_x1.....ggUgacgucgugggaacacggggugccg..... 1
Gi2_11317084_x1.....ucgugggaacacggCgugccg..... 1
Gi2_11083932_x1.....cggagacgucgugggaacGcgggg..... 1
Gi3_28447587_x1.....cggagCcgucgugggaacacggggugccga..... 1
Gi3_28753461_x1.....gucgugggaUacggggugc..... 1
Gi2_11356550_x1.....acgucgugggGcacggggugccg..... 1
Gi2_11313963_x1.....gacgucgugggaacacgggAugccg..... 1
G1a_6149434_x1...Uaucggagacgucgugggaacacggggugcc..... 1
Gi3_28667201_x1.....aCacgucgugggaacacggggugccgaac..... 1
Gi3_28934792_x1.....uUggagacgucgugggaacac..... 1
G1a_6339229_x1.....gugggaacacgUggugccgaac..... 1
Gi5_8981909_x1.....gagacgucgugggaGcacggggugccgaacu..... 1
Gi2_11141248_x1...gaucggagacgucgugggaacCcg..... 1
Gi2_11316054_x1....ucggagacgucgugggaacacgCggugc..... 1
Gi2_11197183_x1.....gagaAgucgugggaacacggggug..... 1

Gi3_28688249_x1.....agacgucgugggGacacggggugcc..... 1
Gi3_28575009_x1.....aucggagacgucguggCaacacgg..... 1
Gi1_4237917_x1.....ugggaacacgggAugccgaacu..... 1
Gi2_10993964_x1.....cggagacgucgugggaaacG..... 1
Gi3_28375273_x1.....cggagacgucgugggaaacaUggggugccgaacu..... 1
G1a_6102128_x1.....gaucggagacgucguggAaacacg..... 1
Gi3_28838756_x1.....ucggagacgucgugggaaacaAgg..... 1
Gi3_28851059_x1.....ggagacgucgugggaaacacgAggugccgaacu..... 1
G1a_6068185_x1.....cggagacgucgugggAaacacggggg..... 1
Gi4_582014_x1.....aGucgugggaaacacggggugccgaacu..... 1
Gi2_11363186_x1.....agacgucgugggaaacaAggggugcc..... 1
Gi1_4343959_x1.....gugggaacacggAgugccgaacu..... 1
G1a_6113765_x1.....gugggaaUacggggugccgaac..... 1
Gi5_8893596_x1.....gugggaaUacggggugccga..... 1
Gi2_11094266_x1.....cgNagacgucgugggaaacacggggugcc..... 1
Gi3_28676665_x1.....cggagacgucguUggaacacgg..... 1
Gi5_9137471_x1.....Aggagacgucgugggaaacacgg..... 1
Gi3_28840271_x1.....acacggggugccgaGcuu..... 1
Gi1_4164323_x1.....gAcgugggaaacacggggugcc..... 1
Gi2_11187451_x1.....gacgucgugggaaacacggAgugccgaacu..... 1
Gi3_28512612_x1.....gaAcggagacgucgugggaaacac..... 1
Gi5_9133249_x1.uUcgauccgagacgucgugggaaacacggg..... 1
Gi3_28377266_x1.....acgucgugggaaacaUggggugccg..... 1
Gi4_609266_x1.....ugggaacacggggUaccgaacu..... 1
Gi1_4290890_x1.....acgucgGgggaacacggggugccgaacu..... 1
G1a_6242117_x1.....gugggaacacggggugccgGa..... 1
Gi2_11071903_x1.....gaucggagacgucguUgga..... 1
Gi3_28632611_x1.....cgauUggagacgucgugggaaacacg..... 1
Gi3_28479734_x1.....gagacgucgugggaaUcacgggg..... 1
Gi5_8993333_x1.ugcgGucggagacgucgug..... 1
Gi5_8911239_x1.....Agagacgucgugggaaacacggggugccgaacu..... 1
Gi2_11258788_x1.....cgucgugggaaacUcggggugccgaacu..... 1
Gi5_9024730_x1.....gaucggagacguUgugggaaacac..... 1
Gi5_8916653_x1.....aucggagacAucgugggaaacacgggg..... 1
Gi2_11370550_x1.....ugggaacaGggggugccga..... 1
Gi4_604087_x1.....gugggaCcacggggugccgaacu..... 1
Gi3_28321553_x1.....cggagacgucgugggaaacacggggugAc..... 1
Gi3_28557209_x1.....aucggagacgucgugggaaacacggUgu..... 1
Gi3_28490721_x1.....gagacgucgGgggaacacggggugccg..... 1
Gi1_4239204_x1.....gaUgucgugggaaacacggggugccgaac..... 1
Gi1_4168117_x1.....gagacgucgugggaaacaU..... 1
Gi3_28404112_x1.....gaucggagacgucguggAaacacg..... 1
Gi1_4306784_x1.....Ugagacgucgugggaaacacggggugccgaac..... 1
Gi2_11170763_x1.....ucggagacgGcgugggaaac..... 1
Gi5_8964649_x1.....cgugggAaacacggggugccg..... 1
G1a_6228161_x1.....ucgugggaaacaUggggugccgaacu..... 1
Gi1_4169383_x1.....ggagacgucgugggaaacacggggUacc..... 1

Gi5_9025924_x1.....gagacgucgugggaaUacggggugccgaacu..... 1
 Gi3_28835988_x1.....gugggaacacCgggugcc..... 1
 Gi1_4261397_x1.ugcgauccgagacgucguAggaaca..... 1
 Gl1a_6051007_x1.....gaacacggggugccgaacG..... 1
 Gi1_4216619_x1....aucggaAacgucgugggaaacacg..... 1
 Gi1_4266851_x1...cgUucggagacgucgugg..... 1
 Gi5_8852939_x1.....gacgucgugggaaacacgggAugccgaac..... 1
 Gi4_594707_x1.....gucgugggaaacacggggugccgaCcu..... 1
 Gi5_8994390_x1.....ugggaacacggggugAcgaac..... 1
 Gi2_11243662_x1.....gugggaacacggggGgccgaacu..... 1
 Gi2_11108475_x1....aucUgagacgucgugggaaacacggggugcc..... 1
 Gi2_11017544_x1.....agacgucgNgggaacacggggugccgaac..... 1
 Gi3_28408443_x1....aucggaCacgucgugggaaacacg..... 1
 Gi1_4304967_x1.....acgucgugggaaacacgggggu..... 0
 Gi3_28865662_x1...cgauccgagacgucgugggUacacg..... 1
 Gi3_28649176_x1.....cgugggaaacacggggugccCa..... 1
 Gi2_11365939_x1....aucggagacgucgugggGcacggg..... 1
 Gi2_11034665_x1....Naucggagacgucgugggaaacacg..... 1
 Gi2_11330644_x1....aucggagaGgucgugggaaac..... 1
 Gi2_11003597_x1....aucggagacgucgGgggaaca..... 1
 Gi3_28403531_x1.....Ngugggaacacggggugc..... 1
 Gi2_11380370_x1....aucggUgacgucgugggga..... 1
 Gl1a_6198109_x1....aucCgagacgucgugggaaacacggg..... 1
 Gi1_4321844_x1.....gacgucgAgggaacacggggugccgaacu..... 1
 Gi3_28498459_x1.ugcgauccgagacgucgugggGcacggg..... 1
 Gl1a_6025662_x1....gaCcgagacgucgugggga..... 1
 Gi4_596900_x1....Uaucggagacgucgugggaaacacggg..... 1
 Gi5_9131054_x1.....agacgucgNgggaacacggggugc..... 1
 Gi1_4333661_x1.....ggagacgucgugggaaacacAgggugccgaac..... 1
 Gi2_11344245_x1.Ccgauccgagacgucgugggga..... 1
 Gl1a_6255644_x1....Cucggagacgucgugggaaacacggggugcc..... 1
 Gi3_28782433_x1....gaucggagacgucgugggaaUacggg..... 1
 Gi1_4385562_x1.....gaacGcggggugccgaacuu..... 1
 Gi1_4225968_x1....gucAugggaacacggggug..... 1
 Gi3_28626190_x1.....gugggaaGacggggugccg..... 1
 Gi1_4275317_x1.....Ggacgucgugggaaacacgggggu..... 1
 Gi2_11180874_x1.....gCagacgucgugggaaacac..... 1
 Gi3_28894718_x1....agUcgucgugggaaacacgggggu..... 1
 Gi1_4286345_x1.....gucgugggaaacacgggAugccgaacu..... 1
 Gi5_8942499_x1....cggagacgucguAggaacacggggugcc..... 1
 Gi3_28463846_x1.....cgugggaaGacggggugcc..... 1
 Gi2_11203537_x1....aucggagacgucgugggaaGacggg..... 1
 Gi3_28686881_x1.....acgucgugggaaacacgggUugccgaacu..... 1
 Gi2_11083917_x1...cgaCcgagacgucgugg..... 1
 Gi5_8974721_x1.ugcgauccgUagacgucgugggga..... 1
 Gi3_28667129_x1....gauNggagacgucgugggaaacacggg..... 1
 Gi3_28539664_x1cugcgauccgagacAucg..... 1

Gi4_574762_x1ucUugggaacacggggugccgaacu..... 1
 Gi5_9013992_x1acgNcgugggaacacggggugccgaac..... 1
 Gi2_11102776_x1...cCaucggagacgucgugggaacacggg..... 1
 Gl1a_6102388_x1.....gugggUacacggggugccg..... 1
 Gi2_11283954_x1.....Ugagacgucgugggaaca..... 1
 Gi5_9042661_x1.....ggaacacggggugcAgaac..... 1
 Gi3_28382763_x1.....gucgugggaacacggggUcccga..... 1
 Gi1_4274982_x1.....gugggGacacggggugccgaacu..... 1
 Gi3_28860731_x1.....ucggagacgCcgugggaacac..... 1
 Gl1a_6148788_x1.....cgugAgaacacggggugc..... 1
 Gi5_8904191_x1.....ugggaacGcggggugccgaacu..... 1
 Gi1_4216898_x1.....ucgugggaacacggggugAc..... 1
 Gi3_28746040_x1.....acuuuccagcgcgccugcuccacc..... 0
 Gi1_4264811_x1.....aacacggggugccCaacu..... 1
 Gi1_4386051_x1....aucggagacAucgugggaacacgg..... 1
 Gi5_9072787_x1.....Ncgugggaacacggggugccgaacu..... 1
 Gi3_28909974_x1.....ggaacacggggugccUaa..... 1
 Gi3_28976878_x1.....cgugggaaAacggggugccga..... 1
 Gi3_28880296_x1.....ucggagacgucgugggGaca..... 1
 Gi3_28488947_x1.....acAucgugggaacacggggugccga..... 1
 Gi3_28685119_x1.....ucggagacgucguAggaacacggg..... 1
 Gi2_11299674_x1.....acgucguAggaacacggggugccga..... 1
 Gi2_11142490_x1.....cgugggaacCggggugccga..... 1
 Gi3_28321552_x1.....gagacgucgCgggaacacggggugccg..... 1
 Gi5_9007837_x1.....gucgugggaacacggggugccga..... 0
 Gi3_28443477_x1....gaucggagNcgucguggga..... 1
 Gi1_4227219_x1.....gucgugggaacacggggugccU..... 1
 Gi3_28385282_x1...gcgGucggagacgucgugggaac..... 1
 Gi3_28519564_x1....Aaucggagacgucguggga..... 1
 Gi2_11153738_x1.....gagacgucgugggUacacggggugcc..... 1
 Gl1a_6196858_x1....aucggagacgucUugggaacacgggggu..... 1
 Gi5_9054026_x1....ucggagacgucgugggaacaUg..... 1
 Gl1a_6203553_x1....aucggagacgucgCgggaacacggggug..... 1
 Gi2_11153641_x1.....acgucgugggGacacggggugccga..... 1
 Gi2_11161779_x1.....gaAacgucgugggaacacggggug..... 1
 Gi2_11301867_x1....aucUgagacgucgugggaacacgggggu..... 1
 Gi3_28623253_x1.....gaUgucgugggaacacggggugc..... 1
 Gi5_8956895_x1.....gacgucgugggaacacggggugccgaaUu..... 1
 Gi2_11340629_x1.....cgucguggCaacacggggugccg..... 1
 Gi3_28662811_x1.....cgugggaacacggggUuccgaac..... 1
 Gi1_4309018_x1....cggagacgucgugggGacacggg..... 1
 Gi3_28565920_x1.....ggagacgucgugggaacacggcG..... 1
 Gi2_11267517_x1.....agacUucgugggaacacggggug..... 1
 Gi2_11040538_x1.....cgucgugggUacacggggugccg..... 1
 Gi2_11069401_x1.Ggcgaucggagacgucgug..... 1
 Gi2_11047237_x1...cgaucggagacgucgugggaacUcggg..... 1
 Gi3_28831303_x1.....cgugggaacacggggAgccgaa..... 1

Gi3_28658975_x1..gUgaucggagacgucguggga..... 1
Gi5_8959579_x1.....gacgucgugggUaacacggggugccgaacu..... 1
Gi2_11139457_x1.....cggagacgucgugggaacaUggggugc..... 1
Gi1_4256876_x1..ugcgauccggagacgucgugggaacCcg..... 1
Gi1_4281669_x1...gaucggagacgucguggga..... 0
Gi2_11120544_x1....Uucggagacgucgugggaacacggggugccg..... 1
Gi1_4287372_x1.....gucgCgggaacacggggugcc..... 1
Gi5_9055896_x1.....cggagacgucguggAaacacg..... 1
Gi3_28963555_x1.....agacgucgugggaCcacggg..... 1
Gi3_28641579_x1.....cgucgugggaacacgUggugcc..... 1
Gi5_8950464_x1.....cguggAaacacggggugcc..... 1
Gi1_4211525_x1.....gugggaacUcggggugccga..... 1
Gi3_28442213_x1.....ucggagacgucgugggaacacggggugccgaacA..... 1
Gi3_28642937_x1.....ggUgacgucgugggaacacggg..... 1
Gi2_11340626_x1.....acgucgugggUaacggggugccgaacu..... 1
Gi2_11102523_x1.....ugggaGacggggugccgaac..... 1
G1a_6142777_x1...aucggagacgucgugggaacacggA..... 1
Gi5_8957692_x1.....acgucgugggaacacggggCgccgaacuuu..... 1
Gi3_28728732_x1...aucggagacgucAugggaacac..... 1
Gi1_4269182_x1.....aUacggggugccgaacuu..... 1
Gi3_28908845_x1.....cguAgugggaacacggggugccgaac..... 1
Gi1_4364444_x1.....ugggaacacgUggugccgaacu..... 1
Gi1_4366032_x1.....gugggaacacggggugccgaC..... 1
Gi1_4366622_x1.....acgucgugggaacacggggugccgGac..... 1
Gi5_8890091_x1.....Cagacgucgugggaacacggggugccgaacu..... 1
Gi2_11222580_x1.....cgucgugggaacaUggggugccga..... 1
Gi3_28626639_x1.....acgucgugggaacacggggugccgUac..... 1
G1a_6089406_x1.....acgucgugggCacacgggggu..... 1
Gi2_11152317_x1...auNggagacgucguggga..... 1
Gi3_28600190_x1...cgaucggagGcgucgugggaacacggggug..... 1
G1a_6142119_x1.....Agugggaacacggggugcc..... 1
Gi3_28436907_x1.....cggagacgucguggUaacacggggugcc..... 1
Gi1_4372978_x1.....ugggaacacCgggugccgaacu..... 1
Gi1_4280455_x1.....gucgugggaacacggggugccgU..... 1
Gi3_28821829_x1.....cggagacgucgugggaacCcggggugccgaac..... 1
Gi1_4296109_x1.....ggagacgucgCgggaacacggggugccg..... 1
Gi2_11059337_x1..ugcgauccggCgacgucgugggaacacg..... 1
Gi1_4382701_x1.....gacgucgugggaGcacggggugccg..... 1
Gi2_11079842_x1...aucgUagacgucgugggaac..... 1
Gi3_28548587_x1.....cgugggaacacggggugccgUa..... 1
Gi5_9067359_x1.....ugUgaacacggggugccgaacuu..... 1
Gi1_4201126_x1.....acgucgugggaacacggAgugccga..... 1
Gi2_11389614_x1.....cgugggaCcacggggugccg..... 1
Gi2_11279657_x1.....agacgucgugggaCcacggggug..... 1
Gi2_10994799_x1...ucggagacNucgugggaacacggggugccg..... 1
G1a_6131388_x1.....cgugggaacacggggugcU..... 1
Gi3_28635814_x1.....ggagacgucgugggaacCcg..... 1

Gi5_9057409_x1.....cgucgugggaacacggggCgccgaa..... 1
Gi5_9052130_x1....gaucggagCcgucgugggaacacggg..... 1
Gi1_4280715_x1.....cgucgugggaacacggAgugcc..... 1
Gi2_11335073_x1.....ugggaacaAggggugccgaac..... 1
Gi5_8979669_x1.....cAugggaacacggggugcc..... 1
Gi2_11068934_x1..Ucgauccgagacgucgugggaacacggggug..... 1
Gi3_28659649_x1.....gugggaacacggggugccgaacuG..... 1
Gi2_11165847_x1....gaucggagacgucguAggaacacggggugc..... 1
Gi1_4184149_x1.....ggagacgCcgugggaacacggggug..... 1
Gi1_4200199_x1.....cgucgugggaacaUggggugcc..... 1
Gi1_4192652_x1.....ugggaacacggggugccgUac..... 1
Gi2_11390123_x1.....gucgugggaacacAgggugccgaac..... 1
Gi3_28459303_x1....gaucggagacUucgugggaacacgggggu..... 1
Gi2_11189789_x1....ucggagacgucgugggaacacggggCgcc..... 1
G1a_6298166_x1.....gggaacacggggugccgaUcu..... 1
G1a_6137885_x1..ugUgaucggagacgucgugggaacac..... 1
Gi2_11403042_x1.....ucgugggaacacggggugcGgaac..... 1
Gi2_11310100_x1.....cggagacgucgugggaacacCgggugcc..... 1
G1a_6084169_x1.....cggagacgucgugggGacacgg..... 1
Gi5_9004274_x1....gaucggCgacgucgugggaacacg..... 1
Gi1_4380325_x1.....acgucgugggaaUacggggugcc..... 1
Gi5_9082662_x1.....gacgCcgugggaacacggggugccgaacu..... 1
Gi2_11334202_x1.....gggaacaGggggugccgaacu..... 1
G1a_6027256_x1.....ugggaacacggggugcGgaacu..... 1
Gi2_11002249_x1.....gacgucguNggaacacggggugccgaac..... 1
Gi2_11346639_x1.....cgNagacgucgugggaacacggggug..... 1
Gi5_8992273_x1....gaCggagacgucgugggaacacgggggu..... 1
Gi3_28754684_x1....ucggagacgucgugggCacacggggugcc..... 1
Gi1_4373495_x1.....gaNcacggggugccgaacu..... 1
Gi1_4367652_x1.....acgucgugggaacacggggguAccg..... 1
Gi3_28365965_x1.....acgucgAgggaacacggggugccgaa..... 1
Gi1_4203916_x1.....cCgagacgucgugggaacacgggg..... 1
Gi3_28469430_x1....gaucggagacgucgugggaacacCggggugc..... 1
G1a_6118201_x1....gaucggagacgucgugggCacacg..... 1
Gi2_11092768_x1....cCaucggagacgucgugggaacacgggg..... 1
Gi3_28859736_x1.....gggaacacUgggugccgaa..... 1
G1a_6332167_x1.....gugggCacacggggugccgaac..... 1
G1a_6040532_x1.....gacguAgugggaacacggggugccgaac..... 1
Gi2_11055016_x1.....agacgucgugggCacacggggugcc..... 1
Gi5_9039556_x1.....gAagacgucgugggaaca..... 1
Gi3_28928490_x1.....ucCugggaacacggggugcc..... 1
G1a_6177240_x1.....gugggaacacggUgucccgaac..... 1
Gi3_28974497_x1.....gacgucgugggaacacggAgugccgaac..... 1
Gi2_11359199_x1....cgaucCgagacgucgugggaaca..... 1
Gi3_28406877_x1.....gucgugggaacCgggggu..... 1
G1a_6203043_x1.....cggagacgucgugggaAacggg..... 1
Gi5_8927479_x1.....gucguAggaacacggggugc..... 1

Gi4_590728_x1uAgugggaacacggggugccgaacu..... 1
 Gi2_11132193_x1.....ggagacgucgugggaacacgggAugc..... 1
 Gi1_4376020_x1.....cgugggaacacggggugccgaG..... 1
 Gi3_28357916_x1...gaucggagacgucgAgggaacacgggg..... 1
 Gi3_28444400_x1...gaucggagacgucgugggaaUacggg..... 1
 Gi5_9110107_x1....aucggagacgCcgugggaacacgg..... 1
 Gi5_8877830_x1.Cgcgaucggagacgucgugg..... 1
 Gi2_11334019_x1.....acgucgugggaacaAggggugccgaac..... 1
 Gi3_28493002_x1.....uggUaacacggggugccg..... 1
 Gi3_28479783_x1.....gagacgucgugggaacacggggGgccgaa..... 1
 Gi3_28822714_x1.....acacggggugcUgaacuu..... 1
 Gi3_28867739_x1.gcgauccgagacgCcgugggaacacggggugcc..... 1
 Gi2_11236958_x1....aucggagacgucgugggaacaA..... 1
 Gi1_4342565_x1.....gucguAggaacacggggugc..... 1
 Gi2_11133397_x1.....gAagacgucgugggaacacgggg..... 1
 Gi3_28322993_x1...cgauccgagacgucgugggaacacAg..... 1
 Gi5_8961626_x1.....cgucgugggaacacggggCgc..... 1
 Gi2_10992737_x1...cAaucggagacgucgugg..... 1
 Gi2_11177082_x1.....cggagacgucgugggaaGacggggugcc..... 1
 Gi3_28405978_x1.Gcgauccgagacgucgugggaacacgggg..... 1
 Gi2_11243697_x1.....gacAucgugggaacacgggg..... 1
 Gi2_11314741_x1....ucggagacgucgugggaacacggggugcU..... 1
 Gi2_11370141_x1....aucggagacgCcgugggaacac..... 1
 Gi5_9079600_x1.....acgucguggCaacacggggugccgaacu..... 1
 Gi3_28592886_x1.....gacgucguAggaacacggggugccgaac..... 1
 Gi2_11239555_x1.....gaacacggggugAcgaacu..... 1
 Gi1_4356730_x1.....ucgugggaacacggggugccgGac..... 1
 Gi3_28741759_x1.gcgauccgagacgucguggAa..... 1
 Gi3_28728799_x1.....cggagacgucguggAaacacggggug..... 1
 Gi2_11069415_x1.....ugggaacacggggAgccgaacuu..... 1
 Gi2_11071325_x1.....gagacgucgugggaCcacggg..... 1
 Gi3_28853130_x1.....gucgGgggaacacggggugccgaa..... 1
 Gi5_9135157_x1.....cggagacgucgugggaacacggggugAc..... 1
 Gi2_11178041_x1.....agacgucgugggaacacgggAugc..... 1
 Gi1_4375631_x1.....ggaacacggggugccgaUcu..... 1
 Gi3_28765925_x1....aucggagacgucgugggaacacggggugAc..... 1
 Gi3_28519874_x1.....Aagacgucgugggaacacggggugccgaac..... 1
 Gi2_10996528_x1....aucggagacgucguggAaacacg..... 1
 Gl1a_6182882_x1.....gggaGcacggggugccgaa..... 1
 Gi2_11062238_x1.....cggagacgucgugggaacCcg..... 1
 Gi2_11271881_x1.....ggaaAacggggugccgaa..... 1
 Gl1a_6128625_x1.Cgcgaucggagacgucgug..... 1
 Gi4_590178_x1acgucgugggaGcacggggugccgaacu..... 1
 Gi1_4182277_x1.....Nggaacacggggugccgaacu..... 1
 Gl1a_6058159_x1.....gugNgaacacggggugcc..... 1
 Gi3_28392768_x1....aucggaUacgucgugggaacacgggg..... 1
 Gi2_11232959_x1.gcgauccgagacgucguggCaca..... 1

Gi1a_6147677_x1.....gggaacacggggugccgaaUu..... 1
 Gi5_8908267_x1.....cguggAaacacggggugccga..... 1
 Gi3_28629045_x1.....ucgugggUacacggggugccg..... 1
 Gi3_28638349_x1.....gaUgucgugggaacacgg..... 1
 Gi2_11386734_x1.....gagaUgucgugggaacacggggugcc..... 1
 Gi2_11069631_x1.....agacgucguggCaacacggggugccgaacu..... 1
 Gi3_28816403_x1.....acgucAugggaacacggggugccga..... 1
 Gi5_8888997_x1.....aacacAgggugccgaacuuu..... 1
 Gi3_28676887_x1.....aAgucgugggaacacggg..... 1
 Gi5_9111783_x1.....gucgugggaacacgUggugccgaacu..... 1
 Gi2_11229693_x1.....ggagacgucgugggaacacggggugAcg..... 1
 Gi5_8851453_x1.....cgucgugggaacacgAggugcc..... 1
 Gi3_28929746_x1.....gggaGcacggggugccgaacuu..... 1
 Gi1a_6225375_x1.....aacacggggugccgaacA..... 1
 Gi3_28952967_x1.....agacguAgugggaacacggg..... 1
 Gi1a_6231581_x1.....gaucggagacgCcgugggaacacgg..... 1
 Gi1a_6103334_x1.....gaucggagacgucguAgg..... 1
 Gi2_11354453_x1.....gacgucgugggaacacggggAgccgaac..... 1
 Gi4_614186_x1.....aUacgucgugggaacacgggggu..... 1
 Gi1_4364732_x1.....aucggagacgucgugggGacacggg..... 1
 Gi2_11372242_x1.....gacgCcgugggaacacgg..... 1
 Gi5_8931795_x1.....gagacgucgugggaacaUggggugccgaac..... 1
 Gi3_28961305_x1.....acgucgugggaacacggggugUcgaa..... 1
 Gi3_28604795_x1.....gcgaucggagacgucgugggaacacggggC..... 1
 Gi1_4238778_x1.....aucggagacgucgAgggaacacgggg..... 1
 Gi2_11068531_x1.....gaucggagacgucgugggaacaU..... 1
 Gi2_11040731_x1.....gaucggagacAucgugggaacacggggugc..... 1
 Gi3_28742213_x1.....gggaacacggUgugccga..... 1
 Gi2_11139885_x1.....aacacgggNugccgaacuuu..... 1
 Gi1a_6122923_x1.....cgucgugggaacacAgggugccgaacu..... 1
 Gi1a_6041067_x1.....aCcgagacgucgugggaa..... 1
 Gi2_11280509_x1.....agacgucguAgggaacacggggugc..... 1
 Gi5_8920954_x1.....ugcgauCagagacgucguggg..... 1
 Gi5_9001631_x1.....Aagacgucgugggaacacggggugccgaac..... 1
 Gi3_28820838_x1.....agacgucgugggaacacggggugcG..... 1
 Gi3_28318459_x1.....gaucggagacgucgugggUacac..... 1
 Gi1_4336910_x1.....gagacgucgugggaacacggggugccgaCcu..... 1
 Gi3_28384936_x1.....cggagacgucgugggaGcacggggugccga..... 1
 Gi1a_6006199_x1.....Uaucggagacgucgugggaacacggggugc..... 1
 Gi2_11024395_x1.....Acgaucggagacgucgugggaacac..... 1
 Gi3_28327555_x1.....cggagacgucgugggaacacgggAug..... 1
 Gi2_11049208_x1.....ucggagacgucgugggaacacggcG..... 1
 Gi5_9128489_x1.....ugggaacUcggggugccgaa..... 1
 Gi1a_6025976_x1.....aucggagacgucgugggGacac..... 1
 Gi2_11333168_x1.....ucggagacgucgugggaaAacggggugccgaac..... 1
 Gi1a_6134212_x1.....gaucgAagacgucguggga..... 1
 Gi3_28537142_x1.....ucggagCcgucgugggaaca..... 1

Gi2_11017983_x1.....ucggagacgucguAggaacacggggu..... 1
Gi2_11296607_x1.....aucggagacgGcgugggaacacggggu..... 1
Gi5_9083808_x1.....agacgucAugggaacacggggugccgaac..... 1
Gi2_11139144_x1.....gaUacgucgugggaacacggggugcc..... 1
Gi1_4163744_x1.....cCugggaacacggggugccga..... 1
Gi5_9008876_x1.....gggaacacggggugccgaacuucU..... 1
Gi2_11242637_x1.....cgucgugggaacacggggAgccgaac..... 1
Gi1_4264787_x1.....uggCaacacggggugccgaacu..... 1
Gi2_11284298_x1.....ucggagacgucgugggUacacggg..... 1
Gi2_11263757_x1.....acgucgugggCacacggggugccg..... 1
Gi1_4276179_x1.....acgucguAggaacacggggugccga..... 1
Gi5_8845597_x1.....cgGcgugggaacacggggugccgaa..... 1
G1a_6231576_x1....aucggagaNgucgugggaacacggggug..... 1
Gi1_4236751_x1.....gugggaacaGggggugccgaacu..... 1
Gi3_28898992_x1.....gacgucgugggUacacgg..... 1
Gi2_11268857_x1.....cgucUugggaacacggggug..... 1
Gi1_4227243_x1.....gugggaacaGggggugccgaacu..... 1
Gi3_28529002_x1.....cgucgugggaCcacggggugccgaa..... 1
Gi5_9001287_x1.....acgucgugggCacacggggugccgaac..... 1
Gi1_4268619_x1.....ucgugggaacacggCgugccgaac..... 1
Gi1_4226444_x1.....gugNgaacacggggugccgaacu..... 1
Gi1_4306361_x1.....gucgugggaacacCgggugccgaac..... 1
Gi4_592146_x1....gUucggagacgucgugggaacacggg..... 1
Gi2_11270146_x1....aucggagacgucguCggaacacg..... 1
Gi4_580942_x1....gugggaacacggggugccgCa..... 1
Gi5_9045048_x1....aucggagacguAgugggaacacg..... 1
Gi5_9008784_x1.ugcgauccgagGcgucguggga..... 1
Gi3_28383689_x1.....cgucgGgggaacacggggugc..... 1
Gi5_9135289_x1....auUggagacgucgugggaacac..... 1
Gi3_28271891_x1....aucggagacgucgugggaacacgggguCc..... 1
Gi5_8844848_x1.....ugggaacacggggAgccgaa..... 1
Gi3_28549792_x1.....acgucgugggaacCcgggugccg..... 1
Gi3_28338406_x1.....gucAugggaacacggggugccga..... 1
Gi5_9073143_x1....gaucggagacgucgugggaCcacgg..... 1
Gi3_28877464_x1.....cggagacgucgugggaacacgggguAcc..... 1
Gi1_4184200_x1.....cgucgugggUacacggggugccgaac..... 1
Gi1_4389092_x1.Cgcgauccgagacgucguggga..... 1
G1a_6198331_x1.....cgugggaaNacggggugccg..... 1
Gi5_9075230_x1.....gugggaacacggggGgccg..... 1
G1a_6047126_x1.....gCcgugggaacacggggugccgaacu..... 1
Gi2_11060477_x1.....acgucguggAaacacggggugccgaacu..... 1
Gi2_11152599_x1.....acgucgugggaacacggggguAccg..... 1
Gi2_11137708_x1.....gagacgucgugggUacacggg..... 1
Gi2_11368735_x1....gaucggagacgucgugggaacacgAgg..... 1
Gi4_606336_x1.....Uugggaacacggggugcc..... 1
Gi1_4215504_x1....cgNagacgucgugggaacacggg..... 1
Gi2_11121342_x1....gaucggagacgucgAgggaacacg..... 1

Gi4_597808_x1	....gaucggagacgucgugggaaacacggggugcc	0
Gi3_28909690_x1	.....ggagacgucgugggaaacacggggugUcg	1
Gi5_9047299_x1	.....cgGgggaacacggggugccgaacu	1
Gi3_28376014_x1	.....cgugggaaacacUggggugccga	1
Gi5_9019521_x1	.....ugggaacacggggugcUgaa	1
Gl1a_6313976_x1	....aucggagacgucgugggaaacacggggugccga	0
Gi3_28900221_x1	.....cggagacgucgugggaaGacgg	1
Gi1_4367624_x1	.....cgucgugggaaacacggUgugcc	1
Gi3_28553181_x1	.....cgucguUggaacacggggugcc	1
Gi2_11395772_x1	.....ugggaacacggggugccAaa	1
Gi2_11205226_x1	....aucggaAacgucgugggaaac	1
Gi2_11070916_x1	....gaucggagaGgucgugggaaacacggg	1
Gi1_4389916_x1	.....gugggaCcacggggugccgaa	1
Gi3_28453639_x1	....aucggagacgucgugggaaacUc	1
Gi2_11192099_x1	....gaucggagaAgucgugggaaacac	1
Gi2_11166385_x1	Ucgauccgagacgucgug	1
Gi2_11119576_x1	.....ucgugggaaAacggggugccg	1
Gl1a_6144736_x1	.....cgugggaaAacggggugccgaacu	1
Gi4_599228_x1	.....ugggaacacggggugccgaCcu	1
Gi5_8932462_x1	.....cgugggGacacggggugcc	1
Gi3_28714803_x1	.....ugggaUcacggggugccga	1
Gi1_4378636_x1	....aucggGgacgucgugggaaacacg	1
Gi3_28423166_x1	.....agacAucgugggaaacacggggugccgaac	1
Gi3_28666864_x1	.....gaNacgucgugggaaacacggggg	1
Gi2_11293279_x1	.....ugggaaAacggggugccga	1
Gi2_11227458_x1	.....gggaacacgggggUaccgaa	1
Gi5_9113849_x1	.....agacgucgugggaaacacgggAugccgaacu	1
Gi2_11159466_x1	....ucggagacgucgugggCacacggggugc	1
Gi3_28754206_x1	....cggagacgNcgugggaaacacggggugccgaac	1
Gi3_28341461_x1	....cggagacgucgugggaaUacg	1
Gi2_11076721_x1	.....gacgucAugggaaacacggggugcc	1
Gi5_8973610_x1	.....ucAugggaaacacggggugcc	1
Gi1_4347481_x1	....agacgucgugggGacacggggugccg	1
Gi3_28953307_x1	.....cgucgugggaaacacgAggugc	1
Gi2_11310635_x1	.....gacgucgugggGacacggggugccga	1
Gl1a_6318592_x1	.....gugggaacacggggugcAg	1
Gi3_28273799_x1	.....gagacgucgugggaaacacggggG	1
Gi5_9041783_x1	.....cgucgugggGacacggggugccga	1
Gi3_28967852_x1	.....acgucgugggaaacacgUggugccgaac	1
Gi3_28767341_x1	....ucggagacgucgugAgaacac	1
Gi3_28869066_x1	....cgUccgagacgucgugggaaacacgg	1
Gi3_28347941_x1	.....ggaacacgggggUcccga	1
Gi3_28565825_x1	.....gacNucgugggaaacacggggg	1
Gi1_4186351_x1	....aucggGgacgucgugggaaacacgggg	1
Gi3_28388021_x1	.....agacgucgugggaaacacggggGgccgaac	1
Gi3_28706022_x1	....aucggagacgucgugggaaacaGgg	1
Gi2_11011475_x1	....aucggagacgAcgugggaaacacggg	1

Gi5_8942401_x1.....gUcguCgugggaacacggggugccgaac..... 1
Gi2_11366538_x1.....ugggaacacAgggugccgaacuu..... 1
G1a_6295101_x1....aucggagacguAgugggga..... 1
Gi1_4176189_x1.....gagaUgucgugggaacacggggugccga..... 1
Gi1_4164095_x1.....gagacAucgugggaacacggggugcc..... 1
Gi3_28324735_x1.....gucguggUaacacggggugccgaac..... 1
Gi3_28641246_x1.....gugggaacaUggggugccgaacuu..... 1
Gi5_8882956_x1.....cgugggCacacggggugc..... 1
Gi5_9119926_x1.....acUucgugggaacacggggugcc..... 1
Gi1_4260111_x1....aucggaUacgucgugggaacacgg..... 1
Gi2_11345659_x1.....gucgGgggaacacggggugc..... 1
Gi3_28924662_x1....ucggagacgucgugggaacacggA..... 1
Gi2_11269828_x1.....cgucgugggUacacggggugccga..... 1
Gi3_28382718_x1...cgauCcgagaAgucgugggaacacggg..... 1
Gi3_28510280_x1....aucgUagacgucgugggaacacggggugccg..... 1
Gi1_4387212_x1...gCGAUggagacgucgugggaacacggggugcc..... 1
Gi2_11296947_x1.....gagacgucgugggaacacggggugccAa..... 1
Gi3_28601753_x1.....gugggaacacgUggugccg..... 1
Gi3_28950467_x1.....Ggucgugggaacacggggg..... 1
Gi5_9019742_x1.....ggaacacggggugccgaU..... 1
Gi3_28820847_x1....cggagacgucgugggaacacggUgugcc..... 1
Gi3_28635531_x1....cgucgugggaacacggggugccgGa..... 1
G1a_6210977_x1....aucggCgacgucgugggaa..... 1
Gi2_11262688_x1.....cgugggaacacggUgugccgaac..... 1
Gi5_8869600_x1....cggagacgucgugggaacCcg..... 1
Gi3_28672611_x1.....Aaacacggggugccgaacuu..... 1
Gi2_11101942_x1.....ggaAacgucgugggaacacggggg..... 1
Gi4_575798_x1....Uaucggagacgucguggg..... 1
Gi5_9056628_x1....ucgAagacgucgugggaacacggggugccg..... 1
Gi2_11138736_x1.....ggagacguNgugggaacacggggg..... 1
Gi3_28863548_x1.....ggagaAgucgugggaacacggggugcc..... 1
Gi3_28269689_x1.....ggagacgucgugggaacacggggCgccgaac..... 1
Gi4_608163_x1.....gugggaacacggggGgccgaac..... 1
Gi2_11044939_x1.....cgucgugggCacacggggugccg..... 1
Gi1_4222764_x1.....agacgucgugggaacacggggCgccg..... 1
Gi3_28601959_x1...cgauCggagacgucgugggaGcacgggg..... 1
Gi3_28654086_x1.....cgCcgugggaacacggggg..... 1
Gi1_4327579_x1.....cgugggaacGcggggugccgaacuu..... 1
Gi1_4262809_x1.....ggagacguNgugggaacacggggg..... 1
Gi3_28756893_x1.....agacgucgugggaacacggggugccgaCc..... 1
G1a_6092695_x1...gaucggagCcgucguggga..... 1
Gi1_4173612_x1....aucggagacgucgugggaGcacgg..... 1
Gi5_9062031_x1.....gacgucgugggaacacggggugUcgaac..... 1
Gi3_28428655_x1.....gacgucgugCgaacacggggg..... 1
Gi5_8908615_x1.....gggaacacggggugccgUa..... 1
Gi2_11322706_x1.....cgucgugggaacaUgggg..... 1
Gi3_28511794_x1...gaucgCagacgucguggg..... 1

Gi3_28265456_x1.....aucggagaNgucgugggaacacggggug..... 1
 Gi2_11354638_x1...cgauccgagGcgucgugggaacacgggg..... 1
 Gi5_9010226_x1.....cAucgugggaacacggggugccgaac..... 1
 Gi3_28511947_x1.....acgucgugggaaAacggggugccgaac..... 1
 Gi2_10996380_x1.....cgucgGgggaacacggggugccga..... 1
 Gi1_4227620_x1.....ucguUggaacacggggugc..... 1
 Gi2_11019653_x1.....Cagacgucgugggaacacggggugccgaacu..... 1
 Gi3_28620771_x1.....auNggagacgucgugggaacacg..... 1
 Gi1_4238386_x1.....ucgugggaacacggggugccgaCc..... 1
 Gi4_583246_x1.....uGggagacgucgugggaacacggggugccg..... 1
 Gi5_9079097_x1.....cgGcgugggaacacggggugccgaac..... 1
 Gl1a_6137449_x1.....agaGgucgugggaacacggggugccgaac..... 1
 Gi4_578090_x1.....ucgugggaacacggggugccgCacu..... 1
 Gi1_4287734_x1.....aacacggggGgccaacu..... 1
 Gi3_28542314_x1...gaucggagacgucgugggaacaUg..... 1
 Gi2_11382773_x1.....ucggagacgucgugggaacacggggugccgC..... 1
 Gi3_28901822_x1.....agacgucgugggaacacggggugcUgaacu..... 1
 Gi2_11389470_x1.....cggaAacgucgugggaacacggggugc..... 1
 Gi5_9027922_x1.....gacgucgugAgaacacggggugccgaac..... 1
 Gi2_11282918_x1.....ucggagacgucgugggaCcacggggugcc..... 1
 Gi3_28693857_x1...gaucggagacgucgugggaAac..... 1
 Gi1_4314359_x1.....cAucgugggaacacggggugccg..... 1
 Gi2_11152456_x1.....cggUacgucgugggaacacggggug..... 1
 Gi1_4290912_x1.....aucggagacgucgugUgaacacggg..... 1
 Gl1a_6300835_x1...aucggagacgucgGggga..... 1
 Gi1_4245622_x1.....gUgaacacggggugccga..... 1
 Gi5_9088964_x1...Gcggagacgucgugggaacacggggugccg..... 1
 Gi3_28773855_x1.....gucgugggCcacggggugccgaacu..... 1
 Gi1_4273302_x1...cgauccgagacgucguggga..... 0
 Gl1a_6080951_x1.....acgucgCgggaacacggggugccgaacu..... 1
 Gi1_4382265_x1.....gucgugggaacacggggGgccgaac..... 1
 Gi1_4276589_x1.....gggaacacggggugccga..... 0
 Gi1_4259982_x1.....agacgucgugggUacacggggugccga..... 1
 Gi3_28938919_x1.....aucggagacgGcgugggaacacggg..... 1
 Gi2_11234005_x1.....aucggagacgucgugAga..... 1
 Gi4_612220_x1.....gucgugggaacacggggugcc..... 0
 Gi5_9072733_x1.....ugAgaacacggggugccgaa..... 1
 Gi3_28299403_x1.....gacgucguggAaacacggggugccgaac..... 1
 Gi4_607288_x1.....gacgucgugggaacacggggugccgaac..... 0
 Gi3_28846990_x1.....gacgucgugUgaacacggggugccgaacu..... 1
 Gi1_4165796_x1...aucggagacgucgugggaacacggAgugcc..... 1
 Gi3_28949719_x1.....ucgugggaacacgggCugc..... 1
 Gi3_28620283_x1...uGggagacgucgugggaacacggggugccgaacu..... 1
 Gi1_4268677_x1.....cggagacgucgugAgaacacggggugcc..... 1
 Gl1a_6130414_x1.....gugggaacacggggugccgaC..... 1
 Gi1_4390107_x1.....gugggaacacggggugccgCacu..... 1
 Gi3_28466394_x1.....aucggagacgucgugggaacaGggggugcc..... 1

Gi1_4350702_x1.....Caacacggggugccgaac..... 1
 Gi3_28738886_x1...gaAcggagacgucguggg..... 1
 Gi5_9095296_x1.....gugggaacacggggugAcg..... 1
 Gi5_8834137_x1...gaucggagacgucguAggaacacggg..... 1
 Gi5_9008576_x1.....Nacacggggugccgaacu..... 1
 Gi3_28294053_x1.....cguggUaacacggggugcc..... 1
 Gi1_4384993_x1.....cggagacgucgugggaacacggggugcUgaacu..... 1
 Gi3_28870413_x1.....cggagacgucgugggaacacggggugccG..... 1
 Gi2_11016746_x1...Caucggagacgucgugggaacacggggugc..... 1
 Gi5_8845673_x1...ucggagacgucgugggaacacggggg..... 0
 Gl1a_6240287_x1...Cucggagacgucgugggaacacg..... 1
 Gi5_8864114_x1.ugcgauccgagaUgucgug..... 1
 Gi5_9133208_x1.....ugggaacGcggggugccgaacuuu..... 1
 Gi5_8935202_x1.....ugggaacacgUggugccgaacu..... 1
 Gi2_11177803_x1.....agacgucgugggaacacggggugccAaac..... 1
 Gi1_4369423_x1...aucggagacgucgugggCacacggggugc..... 1
 Gi1_4206682_x1.....gacgucgugggaacacgggU..... 1
 Gl1a_6080009_x1...gacgucguNggaacacggggg..... 1
 Gi3_28855456_x1...cgauccgagGcugcugugggaacacggg..... 1
 Gi3_28368346_x1...cgauccgagaAgucguggg..... 1
 Gi3_28580025_x1.....gggaacacggggugccAa..... 1
 Gi3_28648270_x1.....gggaacacgCggugccgaacu..... 1
 Gi5_8935193_x1...ucgugggaacacgAggugccgaac..... 1
 Gi2_11069640_x1...cgAagacgucgugggaacacggggg..... 1
 Gi1_4287044_x1...cgAcgugggaacacggggugccg..... 1
 Gi5_9080998_x1...acgucgugggaacacggggGgccga..... 1
 Gi2_11119321_x1...aucggagacgucgugggaacaGggggg..... 1
 Gi2_11157416_x1...gagacgucguggUaacacggggugccg..... 1
 Gl1a_6289547_x1...aucggagaUgucgugggaacacggggg..... 1
 Gi2_11334589_x1...Gcggagacgucgugggaacacggggugccgaac..... 1
 Gi5_8866143_x1...gugggaacUcggggugcc..... 1
 Gi5_8913350_x1...aucggagacgucgugggaCcacggggugc..... 1
 Gi2_11163239_x1...ucgugggaacaGggggugccgaac..... 1
 Gl1a_6238480_x1...ggagacgucgugggaacGcggggugccgaacu..... 1
 Gi3_28589281_x1...cgCagacgucgugggaacacgg..... 1
 Gi3_28357068_x1...ucgugggaacacggggAgccg..... 1
 Gi1_4293370_x1...aucggagacgucgugggaaUac..... 1
 Gi3_28721805_x1...gagacgucgugggaacacggggGgccgaacu..... 1
 Gi5_9130251_x1...gGcuggggaacacggggugc..... 1
 Gi1_4339908_x1...ugggaacacggggugccgaaUuu..... 1
 Gi5_8929604_x1...aCcgagacgucgugggaacacggggugc..... 1
 Gi5_8992121_x1...aacacggggugUcgaacuuu..... 1
 Gi5_9024949_x1...cgauccgCgacgucgugggaacacggg..... 1
 Gi3_28306597_x1...gugggaacacgCggugcc..... 1
 Gi3_28446081_x1...cgucgugggUaacacggggugccg..... 1
 Gi3_28810669_x1...Cgagacgucgugggaacacggggugccgaacu..... 1
 Gi5_9039648_x1...agacgucgNggaacacggggugcc..... 1

Gi2_11085652_x1.....cggagCcgucgugggaacacg..... 1
 Gi5_9015251_x1...cgaucggagacgucgugggaacGcggg..... 1
 Gi3_28954349_x1.....ggagacgucgCgggaacacggggugccga..... 1
 Gl1a_6040503_x1...gaucggagacgucgugggaacGcggg..... 1
 Gl1a_6090800_x1...aucggCgacgucgugggaacacggggugcc..... 1
 Gi3_28784030_x1..gcgaucggGgacgucgugggaacacggg..... 1
 Gi1_4262360_x1.....gugggaacacggggugccgC..... 1
 Gi3_28642411_x1...cgaucggagacgucgugggaacGcggggg..... 1
 Gi5_9093981_x1.....cgugggaCcacggggugcc..... 1
 Gi5_9050265_x1..ugcgauccgagacgucgugggaacaUggg..... 1
 Gi1_4231459_x1.....gacgucgugggaacacggggugccgaacAu..... 1
 Gi4_613221_x1.....gggaacacggggugccgaUc..... 1
 Gi5_8891951_x1.....ggagacgucgugggaGcacggggugcc..... 1
 Gi4_602639_x1.....Uugggaacacggggugccga..... 1
 Gi3_28742055_x1.....gagacgucgugggGacac..... 1
 Gi5_8984390_x1.....acacggggugccAaacuuu..... 1
 Gl1a_6324161_x1...aucggagacgucguAggaacacg..... 1
 Gi2_11251319_x1...gaucggagacgucgugggaacacgAggu..... 1
 Gi5_9090409_x1.....gagacgucgugggaacacggggugccgaUu..... 1
 Gi2_11305613_x1.....ggagacgucguAggaacacg..... 1
 Gl1a_6013126_x1...gaAacggagacgucgugggaacacggg..... 1
 Gi3_28919112_x1.....acguGuggggaacacggg..... 1
 Gl1a_6232655_x1...aucggagacgucgugggaacacAgggugcc..... 1
 Gi5_9005172_x1.....gugggaacacggggugccCaa..... 1
 Gi2_11095887_x1...gaucggagacAucgugggaacacg..... 1
 Gl1a_5984762_x1.....gugggaacacggggugccgaU..... 1
 Gi2_11121948_x1.....acgucguCggaacacggggugcc..... 1
 Gi2_11360102_x1...aucggagacgucgAgggaacac..... 1
 Gi3_28719656_x1.....ucgugAgaacacggggugccg..... 1
 Gi2_11030583_x1...gaucggagacgucgugggaacaUggggugc..... 1
 Gl1a_6050329_x1.....gugggaacacAgggugccg..... 1
 Gi3_28391161_x1...gaucggagacgucgugggaacacgAggugc..... 1
 Gi2_11351886_x1.....gacgucgugggaacacggggugccgaUcu..... 1
 Gi2_11183169_x1.....guAgugggaacacggggugccgaac..... 1
 Gl1a_6349815_x1.....gucgugggaGcacggggugccga..... 1
 Gl1a_6238393_x1...cgaucggagacgucgCgg..... 1
 Gi2_11220000_x1...Uucggagacgucgugggaac..... 1
 Gi3_28333502_x1...Aaucggagacgucguggg..... 1
 Gi3_28785958_x1.....ucggagacgucgugggaacacA..... 1
 Gi3_28505990_x1.....cgucgugggaacacgggAugccg..... 1
 Gi1_4366140_x1.....cggagacgucguAggaacacggggugc..... 1
 Gi2_11209591_x1.....ugggaacacggggUccgaac..... 1
 Gi3_28735066_x1..gUgaucggagacgucgugggaacacggg..... 1
 Gi4_576649_x1.....gggaacacggggugUccgaacu..... 1
 Gi1_4329851_x1cugcgauccgagacgucg..... 0
 Gi2_11063790_x1...gaucggagacgucgugggaGcacggggug..... 1
 Gi1_4249935_x1.....gacgucgugggaacaUggggugcc..... 1

Gi1_4301057_x1.....gAcgugggaacacggggugccgaacu..... 1
 Gi2_11389529_x1.....gGgacgucgugggaacacggg..... 1
 Gi3_28416704_x1.....ucgugggaacacggggugccgaaA..... 1
 Gi2_11056571_x1.....Cucggagacgucgugggaacac..... 1
 Gl1a_6104492_x1.....cgugggaGcacggggugc..... 1
 Gi5_9114579_x1.....cgugggCacacggggugcc..... 1
 Gi3_28341206_x1.....cgaucggagacgucguAg..... 1
 Gi1_4356036_x1.....cggGgacgucgugggaaca..... 1
 Gi2_11215171_x1.....auGggagacgucgugggaacacggggugcc..... 1
 Gi3_28922491_x1.....gaucggagacgAcgugggaacacggg..... 1
 Gi1_4359000_x1.....aucggagUcgucgugggaacacggggg..... 1
 Gi5_8854180_x1.....aucggagacgucgugggaacacggggA..... 1
 Gi1_4209898_x1.....cgugggaacacAgggugccgaac..... 1
 Gi1_4368574_x1.....gagacgucgugggaaAacggggugcc..... 1
 Gi1_4268525_x1.....gcgaucggagGcgucgugggaaca..... 1
 Gi5_9058085_x1.....aGgucgugggaacacggggugcc..... 1
 Gi2_11227608_x1.....gagacgucgugggaacacCgggugccg..... 1
 Gi2_11165318_x1.....cguggCaacacggggugc..... 1
 Gi3_28477941_x1.....gucguggCaacacggggugccgaac..... 1
 Gi1_4343836_x1.....cgugggaacacggggugccgaGcuu..... 1
 Gi3_28401241_x1.....cgucgugggaacacAgggug..... 1
 Gi3_28564195_x1.....gacgucgugggCacacggggugccgaacu..... 1
 Gi3_28976836_x1.....gugggaacacggggugccgaGcuu..... 1
 Gi5_9125070_x1.....aucggagacgucgugggCacacggggugc..... 1
 Gi1_4236731_x1.....ugggaacacgggggAccga..... 1
 Gi5_8974473_x1.....ugggaacacggggugccg..... 0
 Gi2_11192697_x1.....cgaucggagacgucgugggaGcacggggugc..... 1
 Gi3_28297429_x1.....aucggagacAucgugggaacacggggugc..... 1
 Gi2_11106863_x1.....cgaucggGgacgucgugg..... 1
 Gi4_598230_x1.....gugggaacacAgggugccgaacu..... 1
 Gi2_11388356_x1.....aucggagaGgucgugggaacac..... 1
 Gi2_11170729_x1.....ucggagacgucAugggaacacg..... 1
 Gi1_4255677_x1.....gGcgugggaacacggggugccga..... 1
 Gi2_11110685_x1.....gaucggagacgucguggAaac..... 1
 Gi1_4352285_x1.....ggaacacggggAgccgaa..... 1
 Gi5_8951220_x1.....guggUaacacggggugccgaacuu..... 1
 Gi5_9063292_x1cugcgaucggagacgucgG..... 1
 Gi5_8939637_x1.ugcgaucggagacguUgug..... 1
 Gi1_4287197_x1.....Uggagacgucgugggaacacggg..... 1
 Gl1a_6260717_x1.....cgugggaaAacggggugcc..... 1
 Gl1a_6334573_x1.....gugggaacacggggugccgaacN..... 1
 Gi4_608104_x1.....Uacacggggugccgaacu..... 1
 Gi3_28762275_x1.ugUgaucggagacgucgugggaacacggggg..... 1
 Gi3_28307368_x1.....agacAucgugggaacacggggugccga..... 1
 Gi5_9095659_x1.....gagacgucAugggaacacg..... 1
 Gi2_11075933_x1.....gaucggCgacgucgugggaacac..... 1
 Gl1a_6272183_x1.ugcgaucgNagacgucgu..... 1

Gi5_8851026_x1.....aAcggagacgucgugggaacac.....	1
Gi3_28546490_x1.....gGcgucgugggaacacgggg.....	1
Gi1_4329337_x1.....acgucgugggaacacgAggugccgaa.....	1
Gi2_11324218_x1.....cgucgGgggaacacggggugccgaacu.....	1
Gi4_5811165_x1.....aacacggggugccGacu.....	1
Gi1_4163567_x1.....cguAgugggaacacggggugcc.....	1
Gi2_11052586_x1.....gaucggagNcgucgugggaac.....	1
Gi1_4177938_x1.....acguAgugggaacacggggugcc.....	1
Gi2_11106027_x1.....agacgucgugggaacacg.....	0
Gi3_28424149_x1.....gucgugggaAacggggugccgaa.....	1
Gi2_11069077_x1.....ugggaacacgAggugccgaacuu.....	1
G1a_6157895_x1.....Uucggagacgucgugggaacacggg.....	1
Gi2_11228099_x1.....cgNgggaacacggggugc.....	1
G1a_5985157_x1.....Naucggagacgucgugggaacacggg.....	1
Gi1_4218446_x1.....ucgugggaacacggCgugcc.....	1
Gi3_28971847_x1.....cAgagacgucgugggaacacgggg.....	1
Gi5_8883554_x1.....gugUgaacacggggugccga.....	1
Gi3_28971499_x1.....gAcgugggaacacggggugccgaa.....	1
Gi3_28695813_x1.....gaucggagNcgucgugggaacacggggugccgaacu.....	1
Gi3_28498611_x1.....gcgaucggNgacgucgugggaacacggg.....	1
Gi3_28983999_x1.....ggNgacgucgugggaacacggggugccgaac.....	1
Gi2_11017793_x1.....ggagacgucgugggaAacggggug.....	1
Gi5_8841476_x1.....ugggaGacggggugccgaacu.....	1
Gi3_28768348_x1.....aucggCgacgucguggga.....	1
Gi3_28920158_x1.....aAacgucgugggaacacggggugcc.....	1
Gi5_9033191_x1.....ucggagacgucgugggaacacggggugccga.....	0
Gi1_4304126_x1.....aucggagGcgucgugggaacacggggugcc.....	1
Gi1_4371872_x1.....aucggagacgucguAggaacacgggg.....	1
Gi2_11355642_x1cugcgauccgagacgucAugggaacac.....	1
Gi3_28799488_x1.....aacacAgggugccgaacuu.....	1
Gi3_28752444_x1.....ucggagacAucgugggaacacg.....	1
Gi3_28678842_x1.....gucgugggaacacggggguAc.....	1
Gi5_9037461_x1.....cggagacgNcgugggaacacggggugcc.....	1
G1a_6044177_x1.....aucggagacgucguAgga.....	1
Gi1_4331717_x1.....gggaacacAgggugccgaacuu.....	1
Gi2_11004909_x1.....cggagacgucgugggaacacggCgugcc.....	1
Gi3_28538581_x1.....gaucggagacgucgAgggaacacggg.....	1
Gi3_28303382_x1.....cggagacgucgugggaCcac.....	1
Gi2_11015945_x1.ugcgauccgagacgucgugggaGcac.....	1
Gi1_4250194_x1.....aucggGgacgucgugggaacacgg.....	1
Gi3_28766818_x1.....aucggagacgucgugggU.....	1
Gi1_4328121_x1.....ucgugggaacacgAggugc.....	1
Gi2_11306475_x1.....ucggagacAucgugggaacacg.....	1
Gi2_11249705_x1.....gagGcgucgugggaacacggggug.....	1
Gi5_8876238_x1.....aucggagacgucgugggaacaUgg.....	1
Gi2_11273479_x1.....Uucggagacgucguggga.....	1
Gi2_11301282_x1.....agacgucgugggaacacggUgugccg.....	1

Gi1_4279410_x1.....ggaUcacggggugccgaac..... 1
 Gi1_4283802_x1.....Cgacgucguggaacaacggggugccgaacu..... 1
 Gi3_28933719_x1.....cggaUacgucguggaacaacacgg..... 1
 Gi1_4163381_x1.....auUggagacgucguggaacaacggggg..... 1
 Gi3_28893300_x1.....ucguggaacaacCggggugccgaac..... 1
 Gi2_11363026_x1.ugcgGucggagacgucguggaacaacg..... 1
 Gi3_28706225_x1.gcgauccggagacgucgAgggaacaacggggug..... 1
 Gi1_4328206_x1.....acgAcgugggaacaacggggugcc..... 1
 Gi4_578893_x1.....ucguggaacaacgggAugccgaacu..... 1
 Gi4_584811_x1.....acgucguggaacaacggggugccAaacu..... 1
 Gi3_28855707_x1...gaGcggagacgucguggaacaacgggg..... 1
 Gi3_28881309_x1.....agacguUguggaacaacggggugccgaac..... 1
 Gi3_28973030_x1.....auGggagacgucguggaacaacggggugcc..... 1
 Gl1_6256012_x1...cgauccggagacgucguggaacaacCcg..... 1
 Gi3_28729773_x1.....cggagacgucAugggaacaac..... 1
 Gi2_11295099_x1...cgauccggagGcgucgugg..... 1
 Gi2_11225464_x1...gauUggagacgucguggaacaacggggug..... 1
 Gi1_4266687_x1.....cgucgugUgaacaacggggugcc..... 1
 Gi3_28867548_x1.....gggGacacggggugccgaacuu..... 1
 Gi3_28870232_x1.....gucgugUgaacaacggggugcc..... 1
 Gi2_11354918_x1.....gucUuggaacaacggggugc..... 1
 Gi2_11398834_x1.....gacgAcguggaacaacggggugcc..... 1
 Gi3_28633418_x1.....aucggagacgucguggaacaacggggC..... 1
 Gi3_28278091_x1.....ggagacgucguggaGcacggggugccgaacu..... 1
 Gl1_6086071_x1.....ggUgacgucguggaacaac..... 1
 Gi5_8976376_x1.....cguggaacaacggggugccgaGcuu..... 1
 Gi1_4216940_x1.....ucguAggaacaacggggugccgaac..... 1
 Gi1_4239538_x1.....gggaacaacggggugccCaacu..... 1
 Gi5_9075403_x1.....gagacgucguggaacaacggAgugcc..... 1
 Gi1_4369014_x1.....gUagacgucguggaacaacggggugccgaac..... 1
 Gi4_567386_x1.....gucguggaacaacggggugccgaac..... 0
 Gi3_28913816_x1...gaucggagacgucguggaacaacCggggugccg..... 1
 Gi3_28830852_x1.....agacgucguggAaacaacggggugccgaacu..... 1
 Gi2_11203993_x1...cgauccggagacgucgugggGacacgggg..... 1
 Gi3_28873125_x1.....uggaacaacggggugcGgaa..... 1
 Gi2_11037527_x1...gaAcggagacgucguggaacaac..... 1
 Gi3_28339001_x1...gaucggagacgGcguggaacaac..... 1
 Gi5_9062997_x1...cggagacgucguggaGcacggggugccga..... 1
 Gi1_4239662_x1.....acgucguggaacaacggggugccgUacu..... 1
 Gl1_6195750_x1.....gucguggaacaUggggugccgaacu..... 1
 Gi5_8885446_x1...aucggagacgucgUgAgaacaacgg..... 1
 Gl1_6042831_x1...cgGucggagacgucgugg..... 1
 Gi1_4248599_x1.....cAugggaacaacggggugccg..... 1
 Gi3_28286901_x1.....gggaacaacggggugcGgaa..... 1
 Gi1_4295637_x1...aucggagacgucgugggCacacggg..... 1
 Gi2_11221858_x1.....Gggagacgucguggaacaacggggugccgaac..... 1
 Gi2_10995213_x1...aucggUgacgucguggaacaacggg..... 1

Gi3_28592323_x1..gcgaucggagacgucGgggaac..... 1
 Gi4_580719_x1.....gugAgaacacggggugccgaa..... 1
 Gi1_4336150_x1.....gugggaacaUggggugccgaa..... 1
 Gi2_11020513_x1...gaucggagacgucguggggaacCcggggugcc..... 1
 Gi5_9100702_x1.....ugggaacacggggguCccgaac..... 1
 Gi2_11112113_x1..gcgaucggagacgucguggggaGcacggg..... 1
 Gi2_11269222_x1.....gggaacacCggggugccgaa..... 1
 G1a_6281801_x1.....gaUgucguggggaacacgggggu..... 1
 Gi2_11033926_x1.....cggagGcgucgugggaaacac..... 1
 Gi1_4358053_x1.....Aggaacacggggugccgaaacu..... 1
 Gi3_28308046_x1.....cggagacgucguAggaacacggg..... 1
 Gi5_8935989_x1.....ucggagGcgucgugggaaacacg..... 1
 Gi3_28638523_x1.....acgucguggggaacGcggggugccgaa..... 1
 Gi5_8942016_x1.....agaAguccguggggaacacggggugccgaaacu..... 1
 Gi3_28355585_x1.....cgugggaaacacgggUugccga..... 1
 G1a_6044964_x1.....Uacacggggugccgaaacu..... 1
 Gi3_28768028_x1.....gagacgucguUggaacacggggugccgaaacu..... 1
 Gi1_4318304_x1....aucAgagacgucgugggaaacacggg..... 1
 Gi2_11057906_x1.....ucgugggaaacacgUggugccgaa..... 1
 Gi3_28607782_x1...gaucggagacgucgAgggaacacggggugcc..... 1
 Gi5_8978876_x1..uCcgauccggagacgucguggg..... 1
 G1a_6090110_x1.....gugggaacaUggggugcc..... 1
 Gi5_8987804_x1....ucggagacgCcgugggaaacacggggugccg..... 1
 Gi2_11047544_x1.....gucguAggaacacggggugccga..... 1
 Gi1_4238517_x1.....ggagacgucgugggaaacacAgggugcc..... 1
 Gi5_9033726_x1.....agacgucgugggaaacacggAgugccgaaacu..... 1
 Gi2_11256879_x1.....gugCgaacacggggugccgaa..... 1
 Gi5_8891709_x1..ugcgaucggagaGgucgug..... 1
 Gi3_28517196_x1....aucNgagacgucgugggaaacacgg..... 1
 Gi3_28979102_x1.....agacgucgugggCacacggggugccgaaacu..... 1
 Gi2_11260703_x1.....gacgucgugggaaacGcgggggu..... 1
 Gi2_11071134_x1....ucggagacgucgugggaaacaAggggu..... 1
 Gi3_28818665_x1...gaucggUgacgucgugggaaacacg..... 1
 Gi3_28830573_x1...gaucggaAacgucgugggaaacacgg..... 1
 Gi5_8927889_x1.....gggaacacggggugccgaaGu..... 1
 Gi3_28284084_x1.....gUcgucgugggaaacacgggg..... 1
 G1a_6302445_x1.....ggagacgucgugggaaacacggggAgc..... 1
 Gi3_28604440_x1.....gucgugggaaUacggggug..... 1
 Gi2_11321644_x1.....cgucgugggaaacUcggggugccga..... 1
 Gi2_11313891_x1.....ggNacacggggugccgaa..... 1
 G1a_6295918_x1....uAggagacgucgugggaaacacggg..... 1
 Gi5_8884275_x1.....gaacacgUggugccgaa..... 1
 G1a_6317778_x1.....Aagacgucgugggaaacacggggugcc..... 1
 Gi3_28492605_x1.....ggagacgucgugggaaacacAgggugcc..... 1
 Gi2_11352659_x1.....agacgucgugUgaacacggggugcc..... 1
 Gi2_11168234_x1.....Aucgugggaaacacggggugccga..... 1
 Gi2_11272031_x1...gaucggagacgucgCgggaacacggggugcc..... 1

Gi2_11132054_x1...cgaucggagaUgucgugg..... 1
 Gi3_28439760_x1.....gUcgucgugggaacacggggg..... 1
 Gi3_28439722_x1...gaucggagacguUgugggaacacggggugcc..... 1
 Gi2_11127342_x1.....cguAggaacacggggugccg..... 1
 Gi3_28637153_x1...gaucggaAacgucgugggaaca..... 1
 Gi3_28477132_x1...gaucggagacgucgugggaacacgggguAc..... 1
 Gi3_28638042_x1.....gucgugggaacacAgggg..... 1
 Gi3_28847302_x1.....cggagacgucgugggaacacAgggugccga..... 1
 Gi2_11018488_x1.....cgucguggAaacacggggugcc..... 1
 Gi3_28686319_x1.....cggagUcgucgugggaacacggggg..... 1
 Gi3_28971012_x1.....gaacacgggggUcccgaac..... 1
 Gl1_6125545_x1...gauNggagacgucgugggaacacggg..... 1
 Gi5_9057716_x1...ucggagacgucGgggaacacggggugccg..... 1
 Gi1_4361278_x1.....ucgugggaacCggggugccgaac..... 1
 Gi2_11019730_x1...aucggUgacgucgugggaac..... 1
 Gi1_4185083_x1.....cgugggaacacCgggugccgaacu..... 1
 Gi3_28940806_x1cAgcgaucggagacguc..... 1
 Gi2_11183463_x1.....cgucgugggaAaacggggugc..... 1
 Gi2_11331618_x1.....ucgugggaacacggggGgc..... 1
 Gi2_11375397_x1.....Aagacgucgugggaacacggggugc..... 1
 Gi2_11253690_x1.....gaUgucgugggaacacggggugccg..... 1
 Gi1_4262660_x1.....agacgucgugggaacacggggCgccgaac..... 1
 Gi5_9081526_x1...aucNgagacgucgugggaacacg..... 1
 Gi3_28623340_x1...gaucggGgacgucgugggaacacggggugc..... 1
 Gi3_28813027_x1.....ucgugggaacacgggCugccgaacu..... 1
 Gi3_28837199_x1.....cCucgugggaacacggggugccg..... 1
 Gi2_11362446_x1...cgaucggagacgucUugggaacacggggg..... 1
 Gi5_9089859_x1...cggGgacgucgugggaacacgg..... 1
 Gi2_11406627_x1.....acgucgugggaacacgAgggugccgaac..... 1
 Gl1_6249945_x1.....Cacgucgugggaacacggggg..... 1
 Gi3_28377940_x1.....ggagacgucguggUaacacggggugcc..... 1
 Gi3_28389722_x1...cgaucggagacgAcgugggaacacggggg..... 1
 Gi2_11195074_x1.....ggagacgucgugCgaacacggggugcc..... 1
 Gi3_28822896_x1...gaucggagacgucAgggaacacg..... 1
 Gi2_11008922_x1.....acgucgugggaacacggggugccgaacuuu..... 0
 Gl1_5985588_x1...cgaucggagacgucgugggaacaAg..... 1
 Gi2_11222651_x1.....cgugggaUcacggggugccgaa..... 1
 Gi2_11103829_x1...cggagacgucguUggaacacggggg..... 1
 Gi5_8942983_x1.....acuuCcccagcgcgccucgucgccacc..... 1
 Gi2_11130711_x1.....gUagacgucgugggaacacggggugccgaac..... 1
 Gi1_4380575_x1.....cgucgugggaacacggggugccgaUc..... 1
 Gi3_28747323_x1.....gggUaacggggugccga..... 1
 Gi3_28938654_x1.....gacAucgugggaacacggg..... 1
 Gi2_11107992_x1...gaucggagacgucguggGacacggggugcc..... 1
 Gi5_9111466_x1.....ucgugggaGcacggggugccgaac..... 1
 Gi4_598451_x1...ucggGgacgucgugggaacacggggugccg..... 1
 Gi2_11250067_x1.....cgugggaUcacggggugccgaac..... 1

Gi3_28390595_x1.....ucgugggUacacggggugcc..... 1
 Gi2_11097887_x1.....agacUucgugggaacacggggugc..... 1
 Gi3_28742563_x1...cgauccgagacgCcgugggaacacg..... 1
 Gi3_28755102_x1.....aUgucgugggaacacggg..... 1
 Gi1_4179541_x1.....gaacCcggggugccgaacuu..... 1
 Gi2_11311964_x1.....cggagacgucgugggaacacgggAugc..... 1
 Gi2_11254875_x1..gcaucggagGcgucgugggaacacggg..... 1
 Gi3_28311376_x1.....ggagacgucgugggaacacggggugUc..... 1
 Gi3_28784516_x1...cgauccgagacguUgugggaacacgg..... 1
 Gi2_11042107_x1...gaucggagacAucgugggaaca..... 1
 Gi3_28641249_x1...aucggagacgucgugggaacacU..... 1
 Gi5_8961656_x1.....cgAcgugggaacacggggugccgaacuu..... 1
 Gi2_11185136_x1.....gggaacGcggggugccgaa..... 1
 Gl1_6073333_x1...cgauccgagacgucgAgg..... 1
 Gi5_8973750_x1.....agacgucgNgggaacacggggugccga..... 1
 Gi2_11068560_x1...cgauccgagacgucgugggaacacggggugccgaac..... 0
 Gi3_28929111_x1.....agacgucgugAgaacacggg..... 1
 Gi3_28985797_x1.....agacgucgugggaCcacggg..... 1
 Gi2_11079729_x1...aucggagCcgucguggga..... 1
 Gi1_4320265_x1.....agacgucgugggaacUcggg..... 1
 Gi3_28425386_x1...cgauccgagacgucgugggaacac..... 0
 Gi2_11388318_x1...ucggagacgucgugggaCcacgggg..... 1
 Gi3_28957394_x1.....cguNgugggaacacggggugccgaa..... 1
 Gi1_4175926_x1.....gggaacacggggugccgaCc..... 1
 Gi2_11107354_x1.....cgugggaacacCgggugccgaac..... 1
 Gi3_28868573_x1.....agacgucgugggGacacggg..... 1
 Gi1_4338853_x1.....gggaacacNgggugccgaac..... 1
 Gi3_28961268_x1...Caucggagacgucgugggaac..... 1
 Gi3_28292153_x1.....agacgucgugggaacacgUg..... 1
 Gi3_28884649_x1.....aacacggggAgccgaacuu..... 1
 Gi2_11131652_x1...ucggagacgucgugggGacacggggugccga..... 1
 Gi3_28358715_x1...aucggagacgucgugCgaacac..... 1
 Gi5_9076853_x1.....gacgucgugggaacacggggAgccgaac..... 1
 Gi2_11086703_x1.....cgucgugggaacNcggggugccgaacu..... 1
 Gi3_28282324_x1.....agacgucgugggaacacggggAgccgaac..... 1
 Gi1_4168889_x1..ugcgaucggagCcgucgugggaacacg..... 1
 Gi2_11279849_x1...cgauccgagacgucgugggCacacggg..... 1
 Gl1_6131506_x1.....cgugggaacacggggugccgaUc..... 1
 Gi2_11052501_x1.....ggagacgucgugggaacacggggugU..... 1
 Gi3_28270108_x1.....ggaacacggggugcGgaa..... 1
 Gi2_11187043_x1.....agacgucgugggaacacggggGgccgaacu..... 1
 Gi2_11245625_x1.....Uggaacacggggugccgaacuu..... 1
 Gi3_28550463_x1...aucggagacgucgCgggaac..... 1
 Gi3_28770430_x1.....gugggaaUacggggugccgaacuu..... 1
 Gl1_6277618_x1...aucggagGcgucguggga..... 1
 Gl1_6205724_x1...gauAggagacgucguggg..... 1
 Gi2_11119640_x1...gaucggagaAgucgugggaacacggggugc..... 1

Gi3_28578975_x1.....acgucgugggaUcacggggugccgaacu..... 1
 Gi3_28481793_x1.....ucguggAaacacggggugcc..... 1
 Gi2_11246696_x1.....gacgucgugggaacacggggG..... 1
 Gi2_11216035_x1.....cgGgggaacacggggugccgaacu..... 1
 Gi1_4370945_x1...gaucggagacgucgugggaacaAgg..... 1
 Gi3_28442769_x1.....cggagacgucgugggaacacgA..... 1
 Gi3_28531302_x1....aucggaCacgucgugggaacac..... 1
 G1a_6110499_x1.....ggagacguUgugggaacacg..... 1
 Gi5_8908821_x1.....gucgugggaacacggggAgccgaa..... 1
 Gi3_28431241_x1.....cggagacgucguUggaacacggggugc..... 1
 Gi2_11062368_x1.....gagacgucgugggaacacgAggugccg..... 1
 Gi3_28475000_x1.....cguggAaacacggggugccgaa..... 1
 Gi3_28724562_x1...gauAggagacgucgugggaacacgggg..... 1
 Gi5_9032307_x1.....gugggaacacggAgugccgaa..... 1
 Gi1_4357153_x1.....acgucguggAaacacggggugccgaac..... 1
 G1a_6269004_x1.....gaacGcggggugccgaacu..... 1
 Gi5_9012677_x1.....agacUucgugggaacacggggugccga..... 1
 G1a_6168374_x1....aucggagacgucgCgggaacacg..... 1
 Gi3_28557955_x1.Ggcgaucggagacgucgugggaacacggg..... 1
 Gi3_28305892_x1.....gucgugggaacacggggugccgaacAu..... 1
 Gi1_4313231_x1.ugcgauCagagacgucguggga..... 1
 Gi1_4308898_x1.....ggagacgucAugggaacacggggugcc..... 1
 G1a_5983383_x1....ucggagacNucgugggaacacgg..... 1
 Gi3_28827535_x1.....gucgugggaacacgggAugccgaa..... 1
 Gi2_11258456_x1..gGgaucggagacgucgugggaacacggggug..... 1
 G1a_5990889_x1.....aucAgagacgucgugggaacacggggugcc..... 1
 G1a_6203520_x1.....guUgugggaacacggggugccgaacu..... 1
 Gi3_28630256_x1.....ugggaacacggggugccgaU..... 1
 G1a_6157154_x1.....gggaacacNgggugccgaa..... 1
 Gi5_8989723_x1...gaucggagacgucgCgggaacacg..... 1
 Gi2_11165304_x1.....gugggaaUacggggugccgaacu..... 1
 Gi2_11326731_x1....aucggagacAucgugggaac..... 1
 Gi1_4164855_x1.....ggaacacggggguCccgaacu..... 1
 Gi3_28657123_x1....aucggagaAgucgugggaacac..... 1
 Gi3_28649949_x1.....cgucgugggaUacggggugccga..... 1
 Gi2_11023500_x1.....ggagacgucgAgggaacacggggug..... 1
 Gi1_4222540_x1.....cgugggaCcacggggugccgaa..... 1
 Gi2_11377914_x1.....ugggaacacgCggugccgaacu..... 1
 Gi2_11365463_x1....ucggagacgucgugggaacacggggA..... 1
 Gi3_28326706_x1.....gaAacgucgugggaacacggggugcc..... 1
 Gi2_11286382_x1....ucggagacgucgugggaacacggggAcc..... 1
 Gi3_28704568_x1.....gugggaacacgCggugccg..... 1
 G1a_6301986_x1.....gggaacaGggggugccgaacu..... 1
 Gi1_4159800_x1....aucggGgacgucgugggaacacggggugccga..... 1
 Gi3_28803938_x1.uAcgaucggagacgucguggga..... 1
 Gi3_28443156_x1...gaucggagacgAcgugggaacacgggg..... 1
 Gi1_4368174_x1.....agacgucgugggaacacggggugccgaacu..... 0

Gi3_28651090_x1.....agacgucguggAaacacggg..... 1
Gi2_11045861_x1.....gagacgucgugggaacacgAggugc..... 1
Gi2_11267058_x1.....aucgCagacgucgugggaac..... 1
Gi2_11233125_x1.....guUgugggaacacggggugccga..... 1
Gi1_4247871_x1.....aucgAagacgucgugggaacacg..... 1
Gi1_4358353_x1.....agacgucgugggaacacggggCgccga..... 1
Gi2_11218353_x1.....gggaacacgUggugccgaac..... 1
G1a_6043620_x1...gaCcgagacgucgugggaacacggggug..... 1
G1a_6003496_x1...gaucggagacgucguggAa..... 1
G1a_6251801_x1.....cgugggaacacggggguAc..... 1
Gi4_581586_x1.....ugggaacacgggCugccgaacu..... 1
Gi2_11067447_x1.....Ucgucgugggaacacggggugccgaac..... 1
Gi1_4202512_x1.....Ggacgucgugggaacacggggugccgaac..... 1
Gi2_11049473_x1.ugcgauGggagacgucgugggaacacgggggu..... 1
Gi3_28475834_x1.....agacgucgugggCacacgggg..... 1
Gi1_4370461_x1.....gugggaacacggggCgccga..... 1
Gi2_11149852_x1...cgaucggagGcgucgugggaaca..... 1
G1a_6333416_x1...gaucggagGcgucgugggaacacggggugc..... 1
Gi2_11366947_x1.....ugggaacacggggugccUaa..... 1
Gi3_28974230_x1.....cggagacgucAugggaacacgggggu..... 1
G1a_6161651_x1.uCcgaucggagacgucgug..... 1
G1a_6120753_x1...gaucggagUcgucgugggaa..... 1
Gi2_11025637_x1.....cgucgugggaacacCgggugc..... 1
Gi2_11209156_x1.....ucggagacgucguCggaacacggggugcc..... 1
Gi3_28544475_x1...gaucggagacgucgugggaacacAgggug..... 1
Gi2_11047951_x1...gaucggagCcgucgugggaacacgg..... 1
Gi2_11244211_x1.Ggcgaucggagacgucguggga..... 1
Gi1_4219266_x1.....guUgugggaacacggggug..... 1
G1a_6359019_x1.....aacacggggugcUgaacu..... 1
Gi5_8935464_x1.....gagacgucgAgggaacacg..... 1
G1a_6200068_x1...gaucggagacguUguggg..... 1
Gi3_28693880_x1.ugcgaucgNagacgucguggga..... 1
Gi1_4253692_x1.....Agagacgucgugggaacacggggugccg..... 1
Gi2_11355746_x1.....cCucgugggaacacggggugc..... 1
Gi3_28913448_x1.....cgucgugggaacacgCggugccgaac..... 1
Gi2_11284205_x1.....aucggagacgucguCggaacacggg..... 1
Gi3_28603933_x1..gcgaucggagacgucgugggaaAa..... 1
Gi3_28270362_x1.....Ngggaacacggggugccga..... 1
Gi2_11044452_x1.....cgCagacgucgugggaacacggggugcc..... 1
Gi2_11049209_x1.....ucggagacgucgugggaGca..... 1
Gi5_8951561_x1.....ucgUagacgucgugggaacacg..... 1
Gi5_9137664_x1.....acguUgugggaacacggggugccg..... 1
G1a_6266661_x1...gaucggGgacgucgugggaacac..... 1
Gi2_10997572_x1.....gacguAgugggaacacggggugccgaacu..... 1
Gi2_11343879_x1.....cgucgugggaacacggggGgccgaa..... 1
Gi1_4259251_x1.....gagacgucguggCaacacggggugccgaacu..... 1
Gi5_8959416_x1.....cgugggaacacggggCgcc..... 1

Gi3_28352860_x1..gcgaucggagacgucgCgggaacacggggug..... 1
 Gl1a_6315379_x1.....Aucgugggaacacggggugccgaa..... 1
 Gi3_28582409_x1..gcgaGcggagacgucgugggaaca..... 1
 Gi5_9137612_x1.....gggaacacAgggugccgaa..... 1
 Gi4_579186_x1.....gggaacacggggugccgaaGu..... 1
 Gi3_28490816_x1.....ucgugggaacacggggugccgaU..... 1
 Gi2_11024670_x1.....cgucgugggaacacggggugccgaGc..... 1
 Gi1_4246617_x1.....cgugggaacacggggugAcga..... 1
 Gi5_8970883_x1.....gugggaacaGggggugccga..... 1
 Gi3_28510906_x1..gcgaCcgagacgucgugggaacacggggugcc..... 1
 Gi5_8925555_x1....aucggagacgucgugggaacGc..... 1
 Gi3_28944682_x1.....gucgugggaacacggggAgccga..... 1
 Gi1_4300858_x1.....gugggGacacggggugccgaac..... 1
 Gi2_11101813_x1.....cggagacgucgugggaacCcgggug..... 1
 Gi3_28301838_x1.....cggagacgucguAggaacacgg..... 1
 Gi2_11371713_x1.....agacgucgugggaacacggg..... 0
 Gi5_8842241_x1.....gugggaacaUggggugccgaacu..... 1
 Gl1a_6031618_x1.....ggaacacggggugUcgaacu..... 1
 Gi4_574356_x1.....acgucgGgggaacacggggugccgaacu..... 1
 Gi2_11272933_x1.....ucgugggaacacggUgugccgaa..... 1
 Gi2_11366313_x1.....acgucgugggaacacggggUccgaacu..... 1
 Gi2_11182787_x1....cgaucAgagacgucgugggaacacggggugc..... 1
 Gi2_11310409_x1....gaucggagacgucgugggaaUacgggg..... 1
 Gi3_28647270_x1.....cgucgugAgaacacggggugccga..... 1
 Gi2_11350871_x1.....agacgucguggAaacacggggugc..... 1
 Gi2_11252934_x1.....ucgugggaacacggggCgcc..... 1
 Gi3_28302920_x1.....Ngucgugggaacacggggugccgaacu..... 1
 Gi2_11224039_x1....aucggagacgucgugggaacacggggugUcg..... 1
 Gi3_28950247_x1.....cgugggaacacggggGgccg..... 1
 Gi2_11307867_x1....aucggagacgucgugggCacacggg..... 1
 Gi2_11346551_x1.....gacgucgugggCacacggg..... 1
 Gi2_11344786_x1..ugcgaucggagacgucgugggaacacggggugccg..... 0
 Gi3_28959083_x1....cgaucggagacgucgugAgaacacgggg..... 1
 Gi2_11222914_x1.....ucgugggaUcacggggugcc..... 1
 Gi1_4334866_x1.....gugggaacGcggggugccg..... 1
 Gi3_28450240_x1.....uUgugggaacacggggug..... 1
 Gi1_4210373_x1.....gaaAacggggugccgaacu..... 1
 Gi2_11280847_x1....uNggagacgucgugggaacacg..... 1
 Gi5_9017207_x1.....ucgugggaacacggggugcAgaac..... 1
 Gi3_28577626_x1....cggagacgucgugggaacacggAgugccga..... 1
 Gi2_11094654_x1....aucggagacgucguggAaacacgg..... 1
 Gi4_583534_x1.....gugggaacacggggugcUgaa..... 1
 Gi3_28438928_x1.....cgucgugggaCcacgggg..... 1
 Gi2_11379353_x1.....Ugucgugggaacacggggugccgaac..... 1
 Gi2_11170793_x1.....Agucgugggaacacggggugccga..... 1
 Gi1_4254413_x1.....ugggaacacgCggugccgaacu..... 1
 Gi2_11280712_x1..gcgaucggNgacgucgugggaacacggg..... 1

Gi5_8930557_x1.....Ugacgucgugggaacacggggugccga.....	1
Gi2_11031614_x1...gaucggagacgCcgugggaac.....	1
Gi3_28389049_x1.....Ccgucgugggaacacggggugccgaa.....	1
Gi3_28985650_x1.....agacgucgNgggaacacggggu.....	1
Gl1a_6047474_x1.....gucgAgggaacacggggugccgaacu.....	1
Gi3_28913063_x1.....gugggaacacggggugccNaac.....	1
Gi5_9001498_x1.....ugggaaUacggggugccgaacuuu.....	1
Gi2_11353046_x1.....cgugggaacaAggggugccga.....	1
Gi3_28623172_x1.....cggagacgucgugggaacacggggugcUg.....	1
Gi2_11118558_x1.....agacgucgNgggaacacggggugccgaa.....	1
Gi2_11191714_x1.....gagacgucgugggaacacgggCug.....	1
Gi3_28679122_x1.....gucgugggaacacggggugcAga.....	1
Gi1_4381477_x1.....cgucguggUaacacggggugccgaacu.....	1
Gi3_28512226_x1.....cgUagacgucgugggaacac.....	1
Gi3_28309262_x1.....gaacacggNgugccgaacuu.....	1
Gi3_28963821_x1.....gCcgugggaacacggggugccga.....	1
Gi5_9092751_x1.....cgucguAggaacacggggugccgaac.....	1
Gi2_11248460_x1.....gagacgucgugggaacacggggugccgCacu.....	1
Gi5_9107007_x1.....ucguUggaacacggggugccgaac.....	1
Gi2_11242936_x1.....cgucgugggaacacAgggugccgaa.....	1
Gl1a_6147578_x1...Aaucggagacgucguggga.....	1
Gi3_28688492_x1.....agacgCcgugggaacacggg.....	1
Gi1_4319439_x1.....gaUgucgugggaacacggggugccg.....	1
Gi1_4354864_x1.....ucAugggaacacggggugccg.....	1
Gi3_28609589_x1.....cggagacgucgugggaacacggggugcU.....	1
Gi5_8834860_x1.ugcgaucgNagacgucguggg.....	1
Gi3_28574391_x1.....gggaacUcggggugccga.....	1
Gi1_4258367_x1...gaucggagacgucguggAaacac.....	1
Gi1_4370350_x1.....cggagacgucgugggaacacg.....	0
Gi5_8930869_x1.....aucggaUacgucgugggaacac.....	1
Gi2_11168519_x1...gaucggagacgucgGgggaacacggggu.....	1
Gi4_585580_x1.....Ucgucgugggaacacggggugccgaacu.....	1
Gi3_28401813_x1...aucggagacgucguggCaacacggggu.....	1
Gl1a_6315566_x1...aucggagacgucgugggaacaUggggu.....	1
Gi1_4380659_x1.ugUgaucggagacgucgugggaaca.....	1
Gi3_28978603_x1.....ucggagacgucgugggaacacggggugccgG.....	1
Gi2_11225544_x1...gaucggagacgucguUggaacac.....	1
Gi2_11210708_x1.....cggaUacgucgugggaacacggggugccga.....	1
Gi2_11285018_x1.....cggagacgucgugggaacacUgggugcc.....	1
Gi2_11217651_x1.....cggagacgucgugggaAacggggu.....	1
Gi3_28342185_x1...cgaucggagacgucgugUg.....	1
Gi1_4258260_x1.....agacgucguggAaacacgggg.....	1
Gi3_28712193_x1...gaucggagacgucgugUgaacacggggu.....	1
Gi2_11053412_x1.....gucgugggaacacggggug.....	0
Gl1a_6151794_x1.....gCgaacacggggugccgaa.....	1
Gi3_28890054_x1.ugcgaucggagacgucgC.....	1
Gi3_28304405_x1.....cgugggaacacgggCugcc.....	1

Gi3_28690215_x1.....gacgucgugggaacaUggg..... 1
G1a_6316284_x1.....ggagacgucguggAaacac..... 1
Gi2_11142885_x1.ugcgaucgNagacgucgugggaacacg..... 1
Gi1_4237373_x1.....ucgugggaacaAggggugccgaacu..... 1
Gi2_11118874_x1.....cgucgugCgaacacggggugccgaacu..... 1
Gi3_28773657_x1.....gugggaacacggggugccCaa..... 1
Gi2_11390093_x1...cgaucggGgacgucgugggaacac..... 1
G1a_6330344_x1...aucggagacgucgugAgaacacggggg..... 1
Gi2_11147578_x1..gcgNucggagacgucgugggaacacggg..... 1
G1a_6103669_x1.....gggaacacggggugcAgaacu..... 1
G1a_6302716_x1.....ugggaacacggCgugccgaacu..... 1
Gi5_9053409_x1...gaucggagacgucgugAgaacacgg..... 1
Gi2_11254428_x1.....gucgugggaacGcggggugccg..... 1
Gi2_11303929_x1.....cggaUacgucgugggaacacg..... 1
Gi2_10994167_x1.....agacgucgugggaacGcggggugccgaac..... 1
Gi3_28638353_x1.....agacgucgugAgaacacggggugcc..... 1
Gi5_8888406_x1.....Ucugcuggggaacacggggugccgaacuuu..... 1
Gi1_4269759_x1.....cgAgggaacacggggugccga..... 1
Gi2_11139991_x1.....acgucgugggaacacgAggugccgaacu..... 1
Gi5_9105812_x1.....acgucgugggaacGcggggugccgaac..... 1
Gi1_4193415_x1.....cggagacgucgugggaacacAggggugc..... 1
Gi5_8987905_x1.....aucgUagacgucgugggaacac..... 1
Gi3_28409597_x1.....cggagacgucgugggaacacggggugccAa..... 1
Gi1_4264513_x1.....gagacgucguggUaacacggggugccgaacu..... 1
Gi5_8936980_x1.....agacgucguggAaacacggggugccgaacu..... 1
Gi2_11031034_x1.....ucgugggaacacggggugUcgaa..... 1
G1a_6342655_x1.....acguUgugggaacacggggg..... 1
Gi4_576864_x1.....gucgugggaacCggggugccga..... 1
Gi1_4327534_x1...cgaucggagacgucgugU..... 1
Gi3_28689546_x1.....gucgugggaacacgggAugcc..... 1
Gi5_8876791_x1.....ucgugggaacGcggggugccgaac..... 1
Gi2_11048682_x1.....cgugggaacacggggugcAga..... 1
Gi3_28366014_x1.....agacgucgugggaacacUgggugccgaa..... 1
Gi2_11333671_x1...gaucggagacgucgugggaUacggggugcc..... 1
Gi3_28645682_x1.....cCgagacgucgugggaacac..... 1
Gi1_4241795_x1.....cgugUgaacacggggugccgaacuu..... 1
Gi3_28684411_x1.....agacgucgugggaaUacggggugccga..... 1
Gi2_11059688_x1.....Ngugggaacacggggugccgaac..... 1
Gi5_9015342_x1.....gugggUacacggggugccga..... 1
Gi3_28328867_x1.....ugggaacaAggggugccg..... 1
Gi5_9073395_x1...gaucggagGcgucgugggaacac..... 1
Gi1_4298681_x1...aucggagGcgucgugggaacacgggg..... 1
Gi1_4327042_x1.....acgucgugggaacCggggugccg..... 1
Gi2_11345505_x1.....aacCggggugccgaacu..... 1
Gi2_11359568_x1...Aaucggagacgucgugggaacacggggug..... 1
Gi4_603920_x1.....gugAgaacacggggugccgaacu..... 1
Gi1_4325068_x1.....gaacacggggugccgCacuu..... 1

Gi2_11184932_x1.....cgucgugggaacacggggugcA.....	1
Gi2_11120754_x1.....gagacgucgugggaacacggAgugc.....	1
Gi3_28910134_x1.....gggaacacggggugccAaacuu.....	1
Gi2_11071102_x1.....ggagacgucgugggaacacggggugccgaaU.....	1
Gi3_28928823_x1.....aacacggggugccgaCcuu.....	1
Gi3_28985380_x1.....Aagacgucgugggaacacggggugccgaacu.....	1
Gi2_11167559_x1.....cgucgugggaacacgAggugcc.....	1
Gi3_28675818_x1.....agacgucgugggaacacggggugccgG.....	1
Gi1_4237817_x1.....ucgugggaacacggggugccUaac.....	1
Gi2_11298091_x1.....gacgucguUggaacacggggugccga.....	1
Gi3_28491527_x1.....aacacggggugccgNacu.....	1
G1a_6211101_x1.....cguAggaacacggggugcc.....	1
Gi4_611346_x1....aAcggagacgucgugggaacacggggugcc.....	1
Gi3_28397309_x1.....gagacgucgugggaacacggggCgcc.....	1
Gi3_28281011_x1.....cgucgugggaacCgggg.....	1
Gi5_9032690_x1.....agacgucguggAaacacggggugccgaac.....	1
G1a_6083496_x1....gGucggagacgucgugggaacac.....	1
Gi1_4383027_x1....gaucggagacgucgugggaac.....	0
Gi3_28879965_x1.....ggagacgucgugggaacacggggugccgaG.....	1
Gi2_11156589_x1....cgauccgagacgCcgugggaacac.....	1
Gi3_28793693_x1....gaucggagacgucgugggaacacggAgugcc.....	1
Gi4_600927_x1.....guggUaacacggggugccgaac.....	1
Gi1_4168797_x1.....gugggaacacAgggugccg.....	1
Gi1_4387548_x1.....ggagacgucgugggaUacggggugccgaacu.....	1
Gi3_28911891_x1....cgaAcggagacgucguggg.....	1
Gi1_4302220_x1.....cggaAacgucgugggaacacggggugcc.....	1
Gi2_11361519_x1.....gacgucgugggaacacAgggg.....	1
Gi5_9133234_x1.....gugggaacacggggugccgC.....	1
Gi2_11353185_x1.....gacgucgugAgaacacggggg.....	1
Gi2_11019399_x1.....cggUgacgucgugggaacacggggug.....	1
Gi2_11343646_x1..gcgaucggagCcgucgugggaacacgg.....	1
Gi2_11316126_x1.....gaacacggggugccgaaGu.....	1
Gi3_28902587_x1....aGcggagacgucgugggaacacggggugccgaac.....	1
Gi1_4244145_x1.....ugggaacGcggggugccg.....	1
Gi2_11038285_x1.....gggaacacggggugccUaacu.....	1
G1a_6274293_x1.....gugggaacNcggggugccgaac.....	1
Gi1_4212845_x1.....gacgCcgugggaacacggggg.....	1
G1a_6172531_x1..ugcgauccgagacgucgugggaGc.....	1
Gi2_11270476_x1.....aacacgCggugccgaacu.....	1
G1a_6189167_x1.....Aggaacacggggugccgaac.....	1
Gi3_28608358_x1.....ucgugggaacacggAgugccgaa.....	1
Gi5_9136647_x1....aucgCagacgucgugggaaca.....	1
Gi3_28294608_x1....gaucggagacgucgugggaacGcggggug.....	1
Gi5_8980991_x1....cggaAacgucgugggaacacggggugccga.....	1
Gi2_11165106_x1..gGgaucggagacgucgug.....	1
Gi3_28322829_x1.....cggagacgucgugCgaacacggggugcc.....	1
Gi1_4176926_x1.....guGgugggaacacggggugccgaacu.....	1

Gi3_28786142_x1..Acgaucggagacgucgugggaaac.....	1
Gi3_28740403_x1.....cguAgugggaaacacggggugccgaacu.....	1
Gi2_11161591_x1.....Gggagacgucgugggaaacacggggugccgaacu.....	1
Gi2_11086516_x1...gaucggagacguUgugggaaacac.....	1
Gi3_28819343_x1.....Ugucgugggaaacacggggugccgaa.....	1
Gi2_11035008_x1.....ucgugggaaacacggggugccgGa.....	1
Gi2_11131368_x1.....agacgucgugggaaacGcgggggu.....	1
Gi2_11149341_x1.....aacacggCgugccgaacu.....	1
Gi3_28668560_x1.....ggaAacgucgugggaaacacgggggu.....	1
G1a_6120579_x1.....ugggaaacaGggggugccgaacu.....	1
Gi1_4321284_x1...ucggagacgucgugggaaacaUg.....	1
Gi3_28840240_x1.....ugggaaNacggggugccgaacu.....	1
Gi3_28963887_x1.....gggaaacacgUggugccga.....	1
Gi3_28563241_x1...aucggaCacgucgugggaaacacggg.....	1
Gi5_9042366_x1.....cgugggaaacacggggugccUaac.....	1
Gi5_8970389_x1...aucggagacgucgugggaaacacggAg.....	1
Gi2_11313772_x1.....ugggaaacacggggAgccga.....	1
Gi3_28551081_x1...gaucUgagacgucgugggaaacacggggugcc.....	1
Gi3_28847184_x1.....ugggaaacacgggCugccga.....	1
Gi2_11122628_x1...Ugaucggagacgucgugg.....	1
Gi2_11113189_x1...gaCcgagacgucgugggaaacacggg.....	1
Gi2_11015436_x1cugcgaucggagacgucgugAgaacacgggggu.....	1
Gi5_8976831_x1.....gugggaaacacggggAgccgaa.....	1
Gi3_28550189_x1.....gucgugggaaacacggggugccgaUcu.....	1
Gi1_4356332_x1.....gugggaaacaUggggugcc.....	1
Gi5_9019608_x1.....cgucgugggaGcacggggugccga.....	1
Gi3_28341450_x1...ucggagacguAgugggaaaca.....	1
Gi5_8874552_x1.....gugggaaacacggggUaccgaa.....	1
Gi1_4191378_x1...gaucggagacgucguggCaacacgg.....	1
Gi1_4366900_x1...cgaucggagacgucgugggaaacacgg.....	0
Gi3_28837703_x1.....aaUacggggugccgaacu.....	1
Gi3_28488998_x1.....Ggggaaacacggggugccgaacu.....	1
Gi3_28737355_x1...cggagacgucgugggaaAacggggugcc.....	1
Gi3_28659183_x1.....acgCcgugggaaacacggg.....	1
Gi3_28375246_x1...cgaucggagacgucgugggaaacacgC.....	1
Gi2_11266072_x1.....ucgugggaaacacAgggugccg.....	1
Gi5_8846235_x1...aucggagacgucgugggaaacacggggugccgCacu.....	1
Gi2_11066244_x1...aAcggagacgucgugggaa.....	1
Gi3_28942045_x1.....ucgugggaaacacggggugccgU.....	1
Gi1_4165913_x1...ggagacgucgugggaaacacggggugcAgaacu.....	1
Gi2_11308011_x1.....cAucgugggaaacacgggg.....	1
G1a_6330843_x1.....gacgucgugggaaacacggggCgcccgaacu.....	1
Gi3_28850216_x1..gcgaucggagGcgucgug.....	1
Gi1_4341799_x1...gaucggGgacgucgugggaaacacgggggu.....	1
Gi5_9063069_x1.....gugggaUcacggggugccgaa.....	1
Gi3_28973539_x1.....gagacgucgugggaaUacg.....	1
Gi3_28652732_x1.....gacgucguAggaaacacggg.....	1

Gi3_28641016_x1...gaucggagacgucguggAaacacggggugc..... 1
 Gi1_4198464_x1.....ucgugUgaacacggggugcc..... 1
 Gi1_4261978_x1.....uGggagacgucguggaacacgggg..... 1
 Gi1_4319330_x1.....agacgucguggaacacggggugccgUac..... 1
 Gi3_28282645_x1.....guggaacacggggugcG..... 1
 Gi2_11139306_x1.....ggaacacggggAgccgaa..... 1
 Gi3_28378442_x1...gaucggagacAucguggaacacggg..... 1
 Gi5_9129050_x1.....acgucguggaacGcggggugccga..... 1
 Gi2_11089603_x1.....ugggCacacggggugccgaa..... 1
 Gi5_9006437_x1.....Ugucguggaacacggggugccga..... 1
 Gi2_11297268_x1...gaucggagacgucguggaacacgCggu..... 1
 Gi1_4259715_x1.....ucgugggaCcacggggugccgaa..... 1
 Gi3_28446330_x1.....ucgugggaCcacggggugccga..... 1
 Gi3_28879032_x1.....ggagacguNguggaacacggggugccga..... 1
 Gi5_8985350_x1...gaucggagacgucguggGacacg..... 1
 Gi2_11143258_x1...aucggagacgucguggaaUacgggg..... 1
 Gi3_28423268_x1.....ucguggCaacacggggugccgaa..... 1
 Gi2_11215250_x1.....gagacgucguggaacacggggUccgaaacu..... 1
 Gi2_11250310_x1.....uggaacacggggUaccga..... 1
 Gi3_28980992_x1.....cgucguggaacacggggUA..... 1
 Gi4_600100_x1.....acgucguggaacacggggugccgCacu..... 1
 Gl1_6040698_x1...aucggagacgucguggaacCggggug..... 1
 Gi2_11107956_x1.....cggagacgCcguggaacacg..... 1
 Gi3_28311568_x1.....ucggagacgucguggaacacggggGgcc..... 1
 Gi3_28732975_x1...aucUgagacgucguggaacacgggg..... 1
 Gi3_28594175_x1...gaucggagacgucguggCacacggggugc..... 1
 Gi3_28550315_x1.....cgucCuggaacacggggugccg..... 1
 Gi2_11379039_x1.....gggaacacggCgugccgaaacu..... 1
 Gi2_11312986_x1.....gacgucgCgggaacacgg..... 1
 Gi1_4164106_x1.....acgucguggAaacacggggugcc..... 1
 Gi2_11062247_x1.....guggaacacggggugAcgaa..... 1
 Gi3_28336215_x1.....Aacgucguggaacacggggugcc..... 1
 Gi3_28635996_x1.....acgucguggaacacggggugccCaacu..... 1
 Gi2_11145505_x1...cgaucggagacgucguggaacacggggug..... 1
 Gl1_6085840_x1.....cguggaacacggggugccA..... 1
 Gl1_6306128_x1...Acggagacgucguggaacacgg..... 1
 Gi5_8896311_x1.....acacggggugcUgaacuuu..... 1
 Gi3_28492636_x1.....uggaacacgCggugccga..... 1
 Gi2_11255009_x1.....guggaacacgCggugccg..... 1
 Gi2_11360434_x1...cgUagacgucguggaac..... 1
 Gi3_28941250_x1...cggagacgucguggaacacggggCgccgaaacu..... 1
 Gi1_4221133_x1.....acgucgAgggaacacggggugccgaaacu..... 1
 Gi1_4334876_x1.....acgucguggaacCggggugcc..... 1
 Gi2_11040597_x1.....gugggaUcacggggugccga..... 1
 Gi2_11365090_x1...aucggagaUgucguggaac..... 1
 Gi2_11214558_x1...cgucgugggaCcacggggugccgaaacu..... 1
 Gi4_567457_x1.....agacgucNgggaacacggggugccgaaacu..... 1

Gi1_4218624_x1.....gagaUgucgugggaacacggggugccgaacu..... 1
G1a_6245317_x1....aucggagacgucgugAgaacacggg..... 1
Gi1_4308818_x1.....aacacggggugccgaCcuu..... 1
Gi2_11156498_x1...cgaucggagacgucgugggaGcacggg..... 1
Gi5_8877968_x1....aucggGgacgucgugggaacacggggugc..... 1
Gi5_8921686_x1.....gaAgucgugggaacacggggugccgaacu..... 1
Gi4_574258_x1...gaAcggagacgucgugggaacacggg..... 1
Gi2_11200223_x1.....agacgucgugCgaacacggggugc..... 1
G1a_6313170_x1.....gugAgaacacggggugccgaac..... 1
Gi2_11106205_x1.....gacgucgugggaCcacggggugcc..... 1
Gi2_11225060_x1...gGucggagacgucgugggaacacggggugcc..... 1
Gi3_28654780_x1.....cggagacgucgGgggaacacgggg..... 1
Gi3_28502334_x1.....acgucgugggaacacggggugGcgaac..... 1
Gi2_11347654_x1.....agacgucgugggaacacggggugccgaacuA..... 1
Gi3_28961832_x1.....gacgucgugggCacacggg..... 1
Gi1_4367318_x1.....agGcugcuggggaacacggggugccgaacu..... 1
Gi1_4272121_x1.....cguUggaacacggggugccgaacu..... 1
Gi2_11245259_x1.....acgucgugggaacacggggugccAaacu..... 1
Gi2_11193383_x1....aucggagacgucgugggaacacgggCugcc..... 1
Gi3_28662362_x1.....ggagacgucgugggCacacggggugcc..... 1
Gi3_28648564_x1.....ggagacgucgugggaacacggggGgccga..... 1
Gi3_28582647_x1....aucggagacgucgugggaacacggggGgccgaacu..... 1
Gi3_28505871_x1.....ggagacgucgugggUacacggggugccgaa..... 1
Gi2_11220097_x1.....acgucgugggaacacggggugccGUacu..... 1
Gi3_28969706_x1.....cgucgugggaacacgUggugc..... 1
Gi2_11119671_x1....ucggagacNucgugggaacac..... 1
Gi2_11077807_x1....Nucggagacgucgugggaacacggggugcc..... 1
Gi1_4287381_x1.....acgucgugggCacacggggugccgaacu..... 1
G1a_11135749_x1.....ggagacgucgugggaaAacggggugcc..... 1
G1a_6120721_x1....ucggagacgucgugggaacGcggggugc..... 1
Gi2_11384385_x1...gaucggagacgucgugggaacacggggugccgaacA..... 1
Gi2_11380151_x1....aucggagacAucgugggaacacggggug..... 1
Gi2_11106817_x1....ucggagGcugcuggggaacacgggg..... 1
Gi4_569912_x1.....gugggaacacggggugccgaG..... 1
Gi1_4384652_x1.....gacgucgugggaaUacggggugcc..... 1
Gi2_11142481_x1...gaucggagacgucguAggaacacggg..... 1
Gi1_4187356_x1.....gCcgugggaacacggggug..... 1
Gi3_28627026_x1..gcgaGcggagacgucgugggaacacggg..... 1
Gi2_11256263_x1.....cgucgugggaacacgggggu..... 0
Gi3_28849959_x1....aucggagacgucgugggaacacggggugccgaCc..... 1
Gi5_8920634_x1.....ggagacgucgugAaacacggggugccgaacu..... 1
Gi3_28671939_x1...gUucggagacgucgugggaacacggggug..... 1
Gi5_9013082_x1.....cgugggaacacggAgugcc..... 1
Gi2_11353603_x1...gaucggagacgucGggga..... 1
Gi5_9017717_x1.....cgucgugggaCcacggggugccga..... 1
Gi2_11098121_x1.....acgucgugggaacCcgggugc..... 1
Gi1_4216268_x1....ucggagacgucgugggaCcacg..... 1

Gi4_611087_x1	.....ugggaacacggggugccgaa	0
Gi2_11029013_x1	.....gagacgucguAggaacacggggugc	1
Gi3_28977401_x1	.....gacgucgugggaaacCggggugccgaacu	1
Gi2_11084750_x1	.....aucggagacgucgugggaaacacggggGgccg	1
Gi1_4245930_x1	.....ggaacacCgggugccgaacuu	1
Gi2_11036564_x1	.....gucgCgggaacacggggugccgaa	1
Gi4_613083_x1	.....cgugggaacacgUggugccgaacu	1
Gi1_4322489_x1	.....gggaacacggggugccgCac	1
Gi3_28742296_x1	.....ucgugggaacacgUggugccgaac	1
Gi2_11237777_x1	.....agacgucgugggaaacacggggCgccg	1
Gi3_28459918_x1	..gcgaucggagacgucgCgggaacacggg	1
G1a_6106449_x1	.....ggagacgucgugggaaacacggggGgc	1
Gi3_28315878_x1	.....acacggggNgccgaacuu	1
Gi3_28636499_x1	....auAggagacgucgugggaaacacgg	1
Gi1_4220535_x1	....aucggagacgucgugggaaacaUg	1
Gi3_28866673_x1	.....cgucgugggaaacacCggg	1
Gi2_11200488_x1	....ucggagacguUgugggaaacacggggugc	1
Gi3_28677986_x1	....aucggagacUucgugggaaacacgg	1
Gi3_28294614_x1	.....cgucguggCaacacggggugc	1
Gi2_11069502_x1	.....ggagacgucgugggaaacCggggug	1
Gi2_11389550_x1	.....gucgugggaaacacggggugA	1
Gi3_28808150_x1	....Caucggagacgucgugggaaacacggggugccg	1
Gi3_28391473_x1	....aucggagacgCcgugggaaacacgggg	1
Gi3_28912650_x1	..Ucgauccggagacgucgugggaaacacggggug	1
Gi2_11165980_x1	.....cAucgugggaaacacggggugccgaac	1
Gi2_11125928_x1	....gaucggagacgucgugggaaacUcggggugcc	1
Gi2_11073660_x1	.....uggAaacacggggugccgaacuu	1
Gi3_28799723_x1	....aucggagacguAgugggaaacacg	1
Gi3_28552725_x1	.....ggagacgucgugggaaacac	0
G1a_6085658_x1	....aucggagacgucgugggaaacacggCg	1
Gi3_28673091_x1	.....cgugggaaacaAggggugccg	1
Gi3_28398628_x1	....ucggagacgCcgugggaaaca	1
Gi2_11024595_x1	.....gugggaacacggggugcAga	1
Gi2_11097560_x1	.....gugggaaGacggggugccgaa	1
Gi2_11350056_x1	....aucggagacgucgugggaaacacAg	1
Gi3_28620522_x1	....ucggagacgucgugggaaacaAggggu	1
Gi3_28302697_x1	..gcgaCcgagacgucgugggaa	1
Gi2_11351485_x1	....gaucggagCcgucgugggaaacacggggugcc	1
G1a_6141373_x1	.....cggagacgucgugggaaGcacggg	1
Gi2_11234850_x1	.....ggagacgucgugggaaacaA	1
Gi5_8893126_x1	.....gagacgucgugggaaGcacg	1
Gi5_8935569_x1	.....cguggAaacacggggugc	1
G1a_6118270_x1	....aucgUagacgucgugggaaacacgggggu	1
Gi4_609212_x1	.....Caacacggggugccgaacu	1
G1a_6328193_x1	.....ggaacacggggCugccgaacu	1
G1a_6214735_x1	.....acgucgugggaaCcacggggugccgaacu	1
G1a_6212267_x1	.....cgugggaaacacggggCgccgaac	1

Gi1_4253366_x1.....gacgCcgugggaacacggggugcc.....	1
Gi4_603115_x1....auAggagacgucgugggaacacggggugcc.....	1
Gi2_11235763_x1.....ugggaacacggggugccgaU.....	1
G1a_6164968_x1.ugcgauccgagacgucUug.....	1
Gi3_28911524_x1.....gucgugggaacacggggugA.....	1
Gi2_11139858_x1.....agacgucgugggaacacgAggugccga.....	1
Gi2_10993657_x1..cgauccgagacguUgugggaacacggg.....	1
Gi3_28652015_x1.....cgucgugggaacaUggggugccgaa.....	1
Gi3_28276702_x1.....cggagacgucgugggaacacgAg.....	1
Gi1_4246474_x1.....acgucgugggaacacggggAgccgaacu.....	1
Gi3_28295354_x1.....cgugggaacacgggUugccg.....	1
Gi5_9115980_x1.....gugggaacacggggUaccg.....	1
Gi3_28445666_x1.....gacgucgAgggaacacggg.....	1
Gi5_8830899_x1.....ucgugggaacCcgggugcc.....	1
Gi2_11392832_x1.....gacgucgugggaacacggggugAcg.....	1
Gi2_11355610_x1.....Acggagacgucgugggaacacgggg.....	1
Gi1_4244440_x1.....cgucgugggCacacggggugcc.....	1
Gi5_8883935_x1.....acUucgugggaacacggggugccgaac.....	1
Gi5_9021028_x1.....acgucgugggaCcacggggugccgaac.....	1
Gi2_11352061_x1.....acgucgugggaacaAggggugccga.....	1
Gi5_9060853_x1.....aucggagacgCcgugggaaca.....	1
Gi3_28724451_x1.....cgNcgugggaacacggggugccgaacu.....	1
Gi5_8832899_x1.....gggaacacggggUaccgaa.....	1
Gi5_8862117_x1...gauccgagacgucgugAgaacacg.....	1
G1a_6032304_x1.gUgauccgagacgucgug.....	1
Gi3_28630688_x1.....gagacgucgugggaacacgggg.....	0
Gi3_28364139_x1....auAggagacgucgugggaacacg.....	1
G1a_6045006_x1.....ggaacacggggugccgaCcu.....	1
Gi1_4273652_x1.....acgucgugggaacacggggAgcc.....	1
Gi5_8978669_x1.....gUaacacggggugccgaa.....	1
Gi2_11079803_x1.....Gcggagacgucgugggaac.....	1
G1a_6016308_x1.....gugggGacacggggugccga.....	1
G1a_6139174_x1.....cgugggaacUcggggugcc.....	1
Gi3_28983725_x1.....uGgugggaacacggggug.....	1
Gi3_28384105_x1.....ggagacgucgugggaacacggggU.....	1
Gi2_11202595_x1.....cggagacguGgugggaacacg.....	1
Gi3_28629292_x1...gauccgagacgucgugAgaaca.....	1
Gi3_28951989_x1...aucggagacgCcgugggaacacggggugccgaac.....	1
Gi3_28762678_x1...gauccgagacgucAugggaacacggggugc.....	1
Gi1_4368670_x1...aucAgagacgucgugggaacacgggg.....	1
Gi2_11205126_x1...aucggagacguAgugggaacacg.....	1
Gi2_11198605_x1.....cgAgggaacacggggugccg.....	1
G1a_6263650_x1.....cgugggaacUcggggugccgaacu.....	1
Gi1_4307503_x1.....ggaacacggggUaccgaa.....	1
Gi3_28834180_x1.....acgucgugggaacacAgg.....	1
Gi1_4218468_x1...ucggagacgucAugggaacacg.....	1
Gi3_28335977_x1.....cggagacgucgugggaacacA.....	1

Gi3_28565849_x1.....Nugggaacacggggugccg.....	1
Gi2_11383106_x1.....uGggagacgucgugggaaacacgggg.....	1
Gi4_613798_x1.....gaacacggNgugccgaacu.....	1
Gi3_28452377_x1.....gNgggaacacggggugccgaac.....	1
Gi2_11100770_x1.....gugggaacacggggugGcgaa.....	1
Gi2_11108709_x1.....aucggUgacgucgugggaa.....	1
Gi2_11313282_x1.....cgucgugggaaacacgggCugccgaacu.....	1
Gi3_28856103_x1.....gucgugggaaacacggCgugcc.....	1
Gi2_11303853_x1.....gaucggagacgucgugggaaacacgggU.....	1
Gi3_28738715_x1.....ucgugggaaacaAggggugccgaac.....	1
Gi2_11083912_x1.....ucggagacgucgugAgaacacg.....	1
Gi4_571901_x1 .ugcgauccgagacgucgugggaaacac.....	0
Gi4_578422_x1 .ucgugggaaacacggggugccUaacu.....	1
Gi2_11391185_x1.....ucAgagacgucgugggaaacacggggU.....	1
Gi3_28272022_x1.....uNgugggaaacacggggugccgaacu.....	1
Gi3_28838063_x1.uUcgauccgagacgucgugggaaacacggggU.....	1
Gi2_11233902_x1.....cggagacgNcgugggaaaca.....	1
Gi3_28282485_x1.....ucggagacgAcgugggaaacac.....	1
Gi2_11046009_x1.....gucgugggaaacacggggAgccga.....	1
Gi5_8835936_x1.....acuuuccagcgUgccugcugcccacc.....	1
G1a_6328464_x1.....gucgugggNacacggggugcc.....	1
Gi1_4174464_x1.....cgugggaaacCggggugccgaac.....	1
Gi1_4238076_x1.....ucggagacgAcgugggaaacacggg.....	1
Gi1_4238072_x1.....ucguCggaacacggggugcc.....	1
Gi2_11295301_x1.....aCcgagacgucgugggaa.....	1
Gi1_4261565_x1.....uggAaacacggggugccgaac.....	1
Gi5_9132635_x1.....aucggagacgucgugggCacac.....	1
Gi2_11332208_x1.....aucggagacgucgugggaaacacgggCugc.....	1
Gi5_8937934_x1...Aaucggagacgucgugggaaacac.....	1
Gi1_4378064_x1.....ucggagacgCcgugggaaacacggg.....	1
Gi5_8876633_x1...gaucggagacgucgugCgaacac.....	1
Gi1_4219953_x1.....aUacgucgugggaaacacggggugccga.....	1
Gi2_11043130_x1.....gacgucgugggUcacggggugccgaacu.....	1
Gi3_28511681_x1.....gucgugggaaacacgAggugccga.....	1
Gi5_9122974_x1.....aucgCagacgucgugggaaacacgg.....	1
Gi3_28863222_x1.....cgugggaaacacggggugccgaag.....	1
Gi2_11089791_x1.....cgucgugggaaacacggggugUc.....	1
Gi5_9099298_x1.....agacgucgugggaaAacggggugccgaac.....	1
G1a_6350803_x1.....aucggagacgucAugggaa.....	1
Gi1_4338663_x1.....cgucguggNaacacggggugccg.....	1
Gi5_8887481_x1.....cgucgugggaaacacggggugUcga.....	1
Gi1_4310413_x1.....ucgugggaaacacgAggugccgaa.....	1
Gi5_8922740_x1.....gacgucgAgggaacacggggugccgaacu.....	1
Gi5_8939704_x1.....gucgugggaaacacggggugccgGac.....	1
Gi2_11146208_x1.gcgauccgCgacgucgugggaa.....	1
Gi3_28379325_x1.....ucggagacgucgugggaaacacgAggu.....	1
Gi2_11113831_x1.....Ngggaacacggggugccgaacu.....	1

Gi5_9012429_x1.....uggaacacggUgugccgaac.....	1
Gi2_11059026_x1.ugcgauccggaCagcucguggaacacg.....	1
Gi2_11353473_x1.....gagacgucguggaacacggggugcUg.....	1
Gi2_11003544_x1.....ggagacgucguggaacacgAgggugcc.....	1
Gi3_28788641_x1.....cggagacgucgugAgaacacggggugccg.....	1
Gi2_11178120_x1.....aucggagacgucguggaacacggUgugcc.....	1
Gi3_28663158_x1...gauAggagacgucguggaacacg.....	1
G1a_6017559_x1...gaucgAagacgucguggaacacggggg.....	1
Gi3_28682352_x1...gauNggagacgucguggaacacgggg.....	1
Gi2_11088235_x1.....cguggaacacggAgugccg.....	1
Gi3_28475142_x1...gaucggCgacgucguggaacacggggugc.....	1
Gi5_8867879_x1.....gagacguUguggaacacg.....	1
Gi5_9027177_x1.....cguggaacCggggugccg.....	1
Gi2_11236659_x1.....Acggagacgucguggaacacgggg.....	1
Gi3_28662572_x1.....gucguggaacacggUgugccgaacuu.....	1
Gi1_4177384_x1...gaucggagCgcucguggg.....	1
Gi2_11313179_x1...Gucggagacgucguggaacacggggugccgaacu.....	1
Gi3_28723611_x1.....gagacgucgugAgaacacggggugccgaacu.....	1
Gi1_4199848_x1.....cgucguggaacacggggGgccgaac.....	1
Gi2_11343345_x1.....guNggaacacggggugccgaa.....	1
Gi2_11365158_x1.....gucguggaacacggggugccgaacuu.....	0
Gi3_28332446_x1.....cgucguggCaacacggggugccgaacu.....	1
Gi5_9062789_x1.....cgucCuggaacacggggugccgaacu.....	1
Gi5_9039236_x1.....guggaacacggggUacc.....	1
Gi3_28262709_x1.....acacggggugcGgaacuu.....	1
Gi3_28381291_x1.....gggaacacAgggugccga.....	1
G1a_6244380_x1...Gucggagacgucguggaacac.....	1
G1a_6061200_x1.ugcgauccgNagacgucguggaacac.....	1
Gi2_11190821_x1.....cggagacgucguCggaacacgggg.....	1
Gi1_4177614_x1.....ucggagacgucgCgggaacacggggugccgaacu.....	1
Gi3_28938742_x1.....ucggagacgucgugggCacacggggugc.....	1
Gi5_8947306_x1.....gucguggaacacgAgggugccgaac.....	1
Gi2_11158619_x1..gcgauccggagGgcucguggaacacggggug.....	1
Gi2_11086451_x1.....ucguggaCcacggggugccgaac.....	1
Gi2_11221025_x1.....ucggagacgucgugggCac.....	1
Gi2_11403232_x1.....ggagacgucguggaacacUggggugccgaac.....	1
Gi2_11334140_x1.ugcgauccggagacAucguggga.....	1
Gi3_28560488_x1.....ggagCcgucguggaacacggg.....	1
Gi2_11371625_x1...gaucggagacgucguggaaAa.....	1
Gi1_4350577_x1.....gucguggaacacggggugccgCac.....	1
Gi1_4354010_x1..gcgauccgNagacgucguggaacacggggugc.....	1
G1a_6104028_x1...gaucggagacAucgugg.....	1
Gi1_4319359_x1.....uggaacacGggggugccga.....	1
Gi1_4348697_x1..gcgauccggagacgucguggaacacggg.....	0
Gi3_28867293_x1.....ggagCcgucguggaacacggggugccg.....	1
Gi5_8889801_x1.....agacgucguggaacacggggugccgCac.....	1
Gi4_582176_x1.....guggaacacggggGgccgaa.....	1

Gi3_28505523_x1.....uggaacacggggugGcg..... 1
G1a_6334834_x1.....cggagacgucgugggaaAacggggug..... 1
Gi3_28858179_x1.....agacgucgugggaaacacgUggugccgaacu..... 1
Gi5_8916650_x1.....gggaCcacggggugccgaac..... 1
Gi3_28864141_x1.....Uagacgucgugggaaacacggg..... 1
Gi1_4223786_x1.....aucAgagacgucgugggaaacacgg..... 1
Gi5_8964789_x1.....ucgugggaaacacCgggugccgaacu..... 1
Gi5_8831431_x1.....acuuuccagcgccugcugcUcacc..... 1
Gi3_28387195_x1.....gacgucgugggaaacaGggggugccg..... 1
Gi2_11079995_x1.....gCgucgugggaaacacggggugccgaacu..... 1
Gi2_11320433_x1.....ggagacgucgugUgaacacggggugcc..... 1
Gi2_11073667_x1.....gagacgucgugggCacacggggug..... 1
Gi3_28423673_x1.....gaUgucgugggaaacacggggugccg..... 1
Gi3_28818550_x1.....gggaaacacggggUccgaacu..... 1
Gi2_11368188_x1.....cAgagacgucgugggaaacacggggug..... 1
Gi1_4304939_x1.....cggagacgucguUggaacacgggg..... 1
Gi3_28848243_x1.....cggagacgucgugggaaCcacg..... 1
Gi5_8959021_x1.....gagacgucgugggaaacCggggugcc..... 1
Gi1_4302803_x1.....gacgucgugggaaacacgggCugccgaacu..... 1
Gi3_28594698_x1.....cgugggaaacaGggggugccgaa..... 1
Gi2_11282802_x1.....cgucgugggGacacgggg..... 1
Gi1_4294151_x1.....acgucgugggaaacacggggugccgaUcu..... 1
Gi2_11001341_x1.....cgucgugggaaUcacggggugccg..... 1
Gi5_8876728_x1.....gucgugggaaacCggggugccgaac..... 1
Gi3_28297820_x1.....acgucgugggaaacacggU..... 1
G1a_6039076_x1...cgaucggagacgucgugggaaCcacggggugc..... 1
Gi1_4322613_x1.....agacgucgugggaaacacggAgugcc..... 1
G1a_6055296_x1...gaucggagacgucgugggaaGcac..... 1
Gi3_28922372_x1.....gucgugggaaacacggggugUc..... 1
Gi3_28351635_x1.....Ngggaaacacggggugccgaac..... 1
Gi2_11124407_x1...cgaucggagacgucgCgggaaacac..... 1
Gi3_28543623_x1.....Uggagacgucgugggaaacacg..... 1
Gi3_28774643_x1.....gacgucgugAgaacacggggugc..... 1
Gi3_28443102_x1.....agacUucgugggaaacacggggugcc..... 1
Gi5_9085664_x1...gaucggagacgucgugggaaacaAggg..... 1
Gi1_4311077_x1.....ucgugggaaGacggggugccgaacu..... 1
Gi3_28612262_x1.....gagCcgucgugggaaacacggggugccgaacu..... 1
Gi5_8877566_x1.....gugggaaacacggggugUcgaa..... 1
Gi3_28740229_x1...Gucggagacgucgugggaaacacggggugccgaacu..... 1
Gi3_28673876_x1.....Cucgugggaaacacggggug..... 1
Gi2_11312481_x1.....cgucgugggaaacaUggggugc..... 1
Gi3_28510652_x1.....ucgugggaaacacggggugcAg..... 1
Gi1_4385604_x1.....cgucgugggaaacacggggugccgU..... 1
Gi2_11295828_x1.....gucgugggaaacacgggCugccgaacu..... 1
Gi1_4288014_x1.....aAacgucgugggaaacacggggugcc..... 1
Gi1_4272206_x1.....cggagaUgucgugggaaacacggg..... 1
Gi4_610900_x1.....ugggaaacacggggugcUgaacu..... 1

Gi2_11012039_x1.....aucgAagacgucgugggaaacac.....	1
Gi4_593597_x1.....gggaacacgggUugccgaacu.....	1
Gi3_28547924_x1.....gacgucgugggaaacacgCggugccgaacu.....	1
Gi1_4312465_x1.....acgucgugggaaacacggggugc.....	0
Gi1_4194113_x1.....uggUaacacggggugccgaacu.....	1
Gi2_11364518_x1.....acgucgAgggaacacggggugc.....	1
Gi3_28365121_x1...gauUggagacgucguggga.....	1
Gi1_4234322_x1.....cCugggaacacggggugccg.....	1
Gi1a_6145285_x1.....gCgggaacacggggugccgaa.....	1
Gi3_28399668_x1...gCucggagacgucgugggaaacacggggugc.....	1
Gi3_28676114_x1.....ucggagacgucgGgggaacacgggggu.....	1
Gi2_11225583_x1.....cggagacgucgugCgaacacgggggu.....	1
Gi2_11157716_x1.....ggagacgucgugggaaacacggggAgccg.....	1
Gi1a_6229925_x1...aucgUagacgucgugggaaacacgggg.....	1
Gi3_28629756_x1.....ggagGcgucgugggaaacacggggugccgaacu.....	1
Gi2_11379852_x1.....ggagacAucgugggaaacacggggugccgaacu.....	1
Gi1_4227534_x1.....acgucgugggaaacacggggugccAa.....	1
Gi3_28526411_x1.....gacgucguggUacacggggugccg.....	1
Gi1_4302484_x1...cCaucggagacgucgugggaaacacgggggu.....	1
Gi2_11143376_x1...gcgGucggagacgucguggga.....	1
Gi3_28605245_x1...gaucggagacgucgugggaaacacGg.....	1
Gi1a_6303637_x1...ugUgaucggagacgucgugggaa.....	1
Gi2_11261113_x1...aucgCagacgucgugggaaacacgggggu.....	1
Gi2_11032815_x1...ugcgauccggagacgucgugggaaacacA.....	1
Gi2_11319798_x1...aucggagacgucgugggaaacacggAgugccgaacu.....	1
Gi2_11295790_x1.....guggCaacacggggugccga.....	1
Gi5_8843374_x1.....agacgucguCggaacacggggugccgaacu.....	1
Gi1_4267381_x1...gaCcgagacgucgugggaaacacgg.....	1
Gi3_28797323_x1...gaucggagNcgucgugggaaaca.....	1
Gi5_8833544_x1.....acgucgugggaaacacggggugcU.....	1
Gi3_28859820_x1.....Aagacgucgugggaaacacggggugcc.....	1
Gi2_11096317_x1.....gugggaacacgggUugccgaacu.....	1
Gi2_11155939_x1...aucggagacguGugggaaacacggggugc.....	1
Gi3_28535206_x1...Ugaucggagacgucgugggaaacacgggg.....	1
Gi2_11166568_x1...Ggaucggagacgucgugggaaacacggggug.....	1
Gi2_11162766_x1.....aNcacggggugccgaacu.....	1
Gi1a_6287074_x1.....acgucgugggaaacUcgggggu.....	1
Gi3_28319666_x1...ugcgauccggGgacgucguggga.....	1
Gi3_28617291_x1.....ggaacacggggugccAaa.....	1
Gi3_28279419_x1...gaucggagGcgucguggg.....	1
Gi3_28495759_x1.....acgucgugggaaUacggg.....	1
Gi3_28619953_x1.....ugggaacacUgggugccgaa.....	1
Gi1_4307275_x1.....cgAgggaacacggggugccg.....	1
Gi2_11264700_x1.....agacgucgugggaaacacUggggugcc.....	1
Gi5_9045110_x1.....ugggaacacggggugccgUa.....	1
Gi1a_6248337_x1...cgauccggagacgucguggCaacacggg.....	1
Gi1_4338330_x1...gaucggagacgucgugggUacacgg.....	1

Gi1a_6162471_x1.....cguNggaacacggggugccgaacu..... 1
Gi2_11167665_x1.....gacgucgugggaaGacggggugcc..... 1
Gi2_11162057_x1.....cggagacgucgugggaaUcggggugcc..... 1
Gi2_11134102_x1.....cgugggaaacacggggGgccga..... 1
Gi1_4371593_x1.....ucggagacgucgugggaaacacggggugA..... 1
Gi2_11132452_x1.....gagacgucgugggaaacaUggggugccgaacu..... 1
Gi1_4288269_x1.....gagacgucgugggaaacacggggugccgaacu..... 0
Gi3_28921487_x1.....aucggagacguAgugggaaacacggg..... 1
Gi3_28483621_x1.....cggagacguUgugggaaacacggggugccgaacu..... 1
Gi2_11403354_x1.....Cgacgucgugggaaacacggggugccgaac..... 1
Gi1a_6004077_x1.Cgcgaucggagacgucgu..... 1
Gi2_11012581_x1.ugcgaucggGgacgucgugggaaaca..... 1
Gi2_11036193_x1.....gaucggagacgucgugUgaacac..... 1
Gi1a_6131155_x1.....gaucggagacgucguUggaa..... 1
Gi4_588889_x1.....gugggaaacacggggugccgUacu..... 1
Gi2_11095628_x1.....gaucggagacgucgugGaaaca..... 1
Gi2_11080391_x1.....cgugggaaacacgCggugccga..... 1
Gi3_28768230_x1.....aucggagacgucgugggaaUac..... 1
Gi2_11138233_x1.....cgauccgagacgucgugggaaGcacg..... 1
Gi2_11369382_x1.....acgucgugggaaacacgggAugcc..... 1
Gi3_28962790_x1.....gagaUgucgugggaaacacggggg..... 1
Gi1_4225865_x1.....Agggaacacggggugccgaac..... 1
Gi1_4213141_x1.....gAagacgucgugggaaacacggggugcc..... 1
Gi1a_6237566_x1.....gacguUgugggaaacacggggg..... 1
Gi1_4179114_x1.....agacgucgugggCacacggggugccgaacu..... 1
Gi5_9014322_x1.....ucguggCaacacggggugccgaac..... 1
Gi1a_6359968_x1.....gggaacacNgggugccgaac..... 1
Gi5_9035495_x1.....gugggaaacacggUgugcc..... 1
Gi3_28826877_x1.....cggagacgucgugggaaAacggg..... 1
Gi3_28749277_x1.....acgucgugggaaacacggAgugccgaac..... 1
Gi3_28351861_x1.....ucguggGacacggggugc..... 1
Gi3_28326781_x1.....gaucUgagacgucgugggaaacacggggugccga..... 1
Gi2_11298927_x1.....gaucggagacgucgCgggaacacggggugc..... 1
Gi3_28969845_x1.....gAgggaacacggggugccgaacu..... 1
Gi5_8940636_x1.....cgucgugggaaacacggggugccgaUcu..... 1
Gi3_28797821_x1.....cgauccgagacgucgugAg..... 1
Gi2_11238122_x1.....gagacgucAugggaaacacggggugc..... 1
Gi3_28656718_x1.....cggagacgucgugggUacacgggg..... 1
Gi2_10993227_x1.....gcgaucggagacgucgugUa..... 1
Gi3_28507154_x1.....gucgugggaaacGcggggug..... 1
Gi2_11138303_x1.....Caucggagacgucgugggaaacacggggug..... 1
Gi2_11256240_x1.....aucggagacgucAugggaa..... 1
Gi2_11203010_x1.....cgAcgugggaaacacggggugccgaa..... 1
Gi1_4269033_x1.....gagacgucgugggaaGacggggugccgaacu..... 1
Gi5_9100732_x1.....agacgucgugggaaCcacggggugccgaac..... 1
Gi3_28465573_x1.....agacgucgugggaaAacggg..... 1
Gi2_11264968_x1.....cggagaUgucgugggaaacacggggugcc..... 1

Gi2_11389867_x1..gNgaucggagacgucgugggga..... 1
 Gi3_28617598_x1.....ggaacacggUgugccgaa..... 1
 Gi3_28807723_x1.....gugggaacacgggUugccgaa..... 1
 Gi2_11008382_x1...gauNggagacgucguggggaacacggggugc..... 1
 Gi2_11225956_x1.....cguggUaacacggggugccg..... 1
 Gi4_611381_x1.....cgugggaacacgggAugccgaaacu..... 1
 Gi1_4343112_x1.....ggUaacacggggugccgaacu..... 1
 Gi3_28911772_x1.....ggagGcgucguggggaacacggg..... 1
 Gi3_28823251_x1.....cggagacgucguggggaacacAggg..... 1
 Gi5_9045666_x1.....acgucgCgggaacacggggugccgaac..... 1
 Gi2_11245314_x1.....ugggaaAacggggugccgaac..... 1
 Gl1_6115624_x1.....Gcgugggaacacggggugccgaacu..... 1
 Gi5_8946509_x1.....ggaacacggggUccgaac..... 1
 Gi1_4275440_x1.....acgucguggggaacacggggugccgU..... 1
 Gi3_28688445_x1.....gacguUgugggaacacggg..... 1
 Gi3_28932665_x1.....gugUgaacacggggugccg..... 1
 Gi2_11060699_x1.....cgucgugAgaacacggggugc..... 1
 Gi2_11276792_x1.....gugggaacacUgggugcc..... 1
 Gi3_28861903_x1.....gugggaacacggggugccU..... 1
 Gi1_4313307_x1...gaucggagacgucguggggaacacggggugccU..... 1
 Gl1_5990322_x1...ucggUgacgucguggggaacacggg..... 1
 Gl1_6288085_x1.....ggaacacgAggugccgaacu..... 1
 Gi2_11113374_x1.....cggagacgAcguggggaacacggggug..... 1
 Gl1_6053314_x1...aucggCgacgucguggggaacacgggggu..... 1
 Gi3_28358039_x1.....acgucgugNgaacacggggugccgaa..... 1
 Gi5_9030997_x1.....gugggaacCggggugccga..... 1
 Gi1_4256705_x1.....gugggaacNcggggugccga..... 1
 Gi3_28497345_x1...aucggagaGgucguggggaacacggggugcc..... 1
 Gi3_28280943_x1.ugcgGucggagacgucguggggaacacggg..... 1
 Gi1_4226661_x1.....cgugggaacGcggggugccga..... 1
 Gi2_11131535_x1...gaucggagacgucgugAgaacacggg..... 1
 Gi2_11290484_x1.....gucguggggaacacggAgugc..... 1
 Gi3_28749761_x1.....gacgucguggggaacacggC..... 1
 Gi3_28628184_x1.....acguUgugggaacacggggugccg..... 1
 Gi2_11349767_x1.....gucgugggaaUacggggugc..... 1
 Gi2_11302223_x1...aucggagacgucguggggaacacgUggugcc..... 1
 Gi3_28265614_x1.....gacgucguNgggaacacgggg..... 1
 Gi2_11357749_x1.....cgucguggggaacacggggAgc..... 1
 Gi2_11128287_x1.....agacgucguggggaacacCgggugcc..... 1
 Gi1_4368912_x1.....cguAggaacacggggugccga..... 1
 Gi2_11049988_x1.....agacgucguggggaacacgAggu..... 1
 Gi3_28776804_x1.....acgucguggggaCcacggggugccg..... 1
 Gi1_4178136_x1.ugcAaucggagacgucgugggga..... 1
 Gl1_6268538_x1.....ucguggggaGcacggggugccgaac..... 1
 Gi1_4162420_x1.....gaNcacggggugccgaacu..... 1
 Gi3_28624606_x1.....agacgucguggggaacGcggggugcc..... 1
 Gi3_28345044_x1...cgaucggagacgucguggUaacacgggggu..... 1

Gi5_9076706_x1.....gugggaacaAggggugccga.....	1
Gi1_4164747_x1.....ggagacgucgugggUacacggggugcc.....	1
Gi2_11092695_x1.....ugggaacCggggugccgaacuu.....	1
Gi5_8879834_x1.....ucggagacgucgugggaacacggggAgc.....	1
G1a_6195089_x1.....cgucgugggaacacggggGgccc.....	1
Gi4_569627_x1.....agacgucgNgggaacacggggugcc.....	1
Gi5_9023819_x1.ugcgauccgagacgCcguggga.....	1
G1a_6146714_x1.....gagacgucgugggaacacggggugcc.....	0
Gi1_4186046_x1.....cgugggaacacggggugUcga.....	1
Gi3_28384945_x1.....aucggagacgucgugggaacacAgggugccg.....	1
G1a_6004677_x1.....ggagacgucgugggaUcac.....	1
Gi1_4390519_x1.....ucgugggGacacggggugc.....	1
Gi3_28684693_x1.....gagacgucNugggaacacggggugc.....	1
Gi1_4298453_x1.....gucguAggaacacggggugccgaac.....	1
Gi3_28304591_x1.....ucggagacgucgugAgaacacggg.....	1
Gi5_9037537_x1.....acgucgugggaacacggggugccgGac.....	1
Gi3_28550308_x1.....gacgucgugggaUcacggggugccgaacu.....	1
Gi3_28473782_x1.ugcgauccgagaUgucgugggaacacggg.....	1
Gi3_28833409_x1.gcgauccgagacgucgugggaGc.....	1
Gi2_11242630_x1.....ucggagaUgucgugggaaca.....	1
Gi3_28346105_x1.....Uggagacgucgugggaacacgggg.....	1
Gi3_28825764_x1.....gucgugggaacacggggugAc.....	1
Gi4_578916_x1.....gugggaacCggggugccgaac.....	1
Gi3_28610678_x1..cgauccgagacgucgugggaacacg.....	1
Gi1_4311510_x1.....cggagacgucgugggaacacggggUacc.....	1
G1a_6272141_x1.....gGucggagacgucguggg.....	1
Gi3_28396967_x1.....ucgugggaacaUggggugc.....	1
Gi3_28817209_x1.....cgucgugggaacacgAgggugccga.....	1
Gi5_9082746_x1.....aucggagaNgucgugggaacacggggugc.....	1
Gi2_11167698_x1..cgauccgagacgucgugggaacaA.....	1
Gi1_4179380_x1.....ggagacgucgugggaacacggggugAcg.....	1
G1a_6332303_x1..cgGucggagacgucgugggaacacggggugc.....	1
Gi1_4223267_x1.gcgauccgagacgCcgugggaaca.....	1
Gi3_28298735_x1..cgauccgagacgucgugggaacGcggg.....	1
Gi3_28784244_x1.....cggagacgucguAggaacacgggg.....	1
G1a_6314884_x1.....gugggaacacggggUcccgaacu.....	1
Gi2_11074425_x1.....gucgugggaacacggAgugccgaa.....	1
Gi2_11345632_x1.....gaucggagacguUgugggaacacggggugc.....	1
G1a_6236074_x1.....gugggaacacggggugcUg.....	1
Gi3_28482599_x1.....cgugggaacacgAgggugccgaacuu.....	1
G1a_6046966_x1.....gAgggaacacggggugccg.....	1
Gi5_9049872_x1.....aucAgagacgucgugggaacacg.....	1
Gi3_28348600_x1.....ucggagGcgucgugggaacacggggugcc.....	1
Gi5_9045984_x1.....aucggagacgucgCgggaacac.....	1
Gi1_4359851_x1.....ucgugggaacacggggugcUgaa.....	1
Gi1_4235144_x1.....gaucggagacgucguAggaacac.....	1
Gi2_10997963_x1.....ucggagacgucgugggaacacggggCgc.....	1

Gi4_594282_x1ucgugggaacacggggugccgaUc..... 1
Gi2_11072371_x1.....agacgucgAgggaacacggggugc..... 1
Gi1_4162509_x1.....cgAcgugggaacacggggugccgaac..... 1
Gi2_11010028_x1.....gugggaacacCggggugcc..... 1
Gi5_8864211_x1....gaucAgagacgucgugggaacacg..... 1
Gi2_11372063_x1.....ggagacgucgugUgaacacggggugccgaacu..... 1
Gi4_576982_x1gugggaacCcggggugccgaa..... 1
Gi3_28885202_x1....gaucggagacgGcgugggaacacggggugcc..... 1
Gi5_9020390_x1.....cggagGcgucgugggaacacggggugccga..... 1
Gi2_11284294_x1.....gucgugggaGcacggggugccg..... 1
Gi1_4297261_x1.....gagacgucgugggaacacggggugcAgaacu..... 1
Gi2_11162603_x1.....gacgucgugggGacacggg..... 1
Gi3_28396474_x1.....gaUacgucgugggaacacggggugccgaac..... 1
Gi2_11000713_x1.....agacgucgugggaacacggggAgccgaa..... 1
Gi5_8966727_x1.....cgucgugggaacUcggggugccgaacu..... 1
Gi1_4386517_x1.....acgucgugggGacacggggugcc..... 1
Gi3_28429624_x1.....gacgucgugggaacacggggugAcgaac..... 1
Gi1_4182141_x1.....gugggaacacAgggugccgaac..... 1
Gi3_28451547_x1.....ggagacgucgugggaacaAgggggugcc..... 1
Gi1_4172999_x1.....gucgAgggaacacggggug..... 1
Gi2_11124946_x1.....gacgucgugggGacacggggugc..... 1
Gi2_11011623_x1.....acgucAugggaacacgggggu..... 1
Gi1_4228465_x1.ugcgGucggagacgucguggga..... 1
Gi3_28414537_x1.....ucggagacgucguggAaacacgg..... 1
Gi3_28686692_x1.....cAucgugggaacacggggug..... 1
Gi3_28663753_x1.....ucggagacgucguggAaacacggg..... 1
Gi3_28359674_x1....gaCcgagacgucgugggaacacggggug..... 1
Gi1_4207945_x1.....cguUgugggaacacggggugccgaa..... 1
Gi2_11057667_x1....gaucggagacguAgugggaacacggg..... 1
Gi2_11311963_x1.....ucUgagacgucgugggaacacgggg..... 1
Gi1_4290416_x1.....acgucgugggGacacggggugccg..... 1
Gi1_4259662_x1.....acacggggNgccgaacu..... 1
G1a_6229599_x1....aucggagacgucgCgggaacacgggggu..... 1
Gi3_28560422_x1.....gacgucgugAgaacacggg..... 1
Gi5_8994114_x1....aucggagacgucgugggaaAacggggugccgaacu..... 1
Gi5_9085833_x1.....ucgugggCacacggggugccgaac..... 1
Gi2_11103153_x1.....ucggagacgucgugggaacU..... 1
Gi2_11127371_x1.....agacgucgugggaacaUggggugccga..... 1
Gi1_4277667_x1.....gugggaacacggUgugccgaacu..... 1
Gi3_28302472_x1.....acgucgugggaacCcggggugc..... 1
Gi2_11081100_x1..gcgauUggagacgucgugggaacacggggugcc..... 1
Gi3_28616736_x1.....ggagacgucgugggaacacAggg..... 1
G1a_6136106_x1.....Cgagacgucgugggaacac..... 1
Gi1_4266689_x1.....gucgugggNacacggggugccgaac..... 1
Gi5_8882314_x1.....gugggaacaGggggugccgaac..... 1
Gi5_9029138_x1.....gucgugggaacGcggggugc..... 1
Gi2_11117033_x1....aucggagacgucguggAaaca..... 1

Gi2_11011422_x1.....ggagacgAcgugggaacacggggugcc..... 1
Gi2_11205538_x1.....cUucgugggaacacggggugccgaacuu..... 1
Gi1_4366502_x1.....gugggaacacgUggugccgaac..... 1
Gi1_4375775_x1.....cgugggaacacggggGgccg..... 1
Gi3_28805041_x1.....cgugggaacCggggugcc..... 1
Gi5_8861641_x1.....ucggagacgucgugggaacacggggGgccgaacu..... 1
Gi3_28954213_x1.....cgucgugggaacacgUggugccgaacu..... 1
Gi5_9014436_x1.....ucgugggaacacggggugccgaCc..... 1
Gi3_28393995_x1.....ucggagacgucguggAaacacggggugccgaacu..... 1
Gi3_28635394_x1.....cggagacgucgugggCacacg..... 1
Gi5_8957289_x1.....gCgaacacggggugccgaa..... 1
Gi3_28475874_x1.....gaucggagacgucgugggaacUcggggg..... 1
Gi3_28573738_x1.....agacgucgugggaCcacggggugccgaac..... 1
G1a_6351812_x1.....aucggagacgucgugggaacacgggggAc..... 1
Gi2_11131711_x1.....cggagacgAcgugggaacacggggugc..... 1
Gi5_8868082_x1.....cgucgugAgaacacggggugccga..... 1
Gi5_8993166_x1.....Uggagacgucgugggaacacggg..... 1
Gi2_11382264_x1.....ugggaacacggggugGcga..... 1
Gi3_28303095_x1.....aCacgucgugggaacacggggugcc..... 1
Gi3_28592308_x1.....gaacacggggugcAgaacuu..... 1
Gi1_4159588_x1.....aaGacggggugccgaacu..... 1
Gi3_28735867_x1.....gacgucgugggaAacggg..... 1
Gi3_28553739_x1.....Acggagacgucgugggaacacggg..... 1
Gi3_28633324_x1.....cggagacgucgugggaCcacggggugccga..... 1
Gi2_11076189_x1.....cgucgugggaacacggggugccUaacu..... 1
Gi1_4212787_x1.....cgAcgugggaacacggggugccgaa..... 1
Gi2_11178163_x1.....cgucgugggaacacgggAugccgaac..... 1
Gi2_11371633_x1.....auNggagacgucgugggaacac..... 1
G1a_6290049_x1.....aucgUagacgucgugggaacacggggugc..... 1
Gi3_28599898_x1.....gaucggagacgAcgugggaacacg..... 1
Gi3_28427336_x1.....ggGgacgucgugggaacacgg..... 1
Gi3_28517457_x1.....aucggagGcgucgugggaacacggggug..... 1
Gi1_4268758_x1.....gacgucgugggaacCggggugccgaacuu..... 1
Gi2_11367323_x1.....ucggagacgucgugggaacacgUggugc..... 1
Gi1_4271903_x1.....gaacacggNgugccgaacuu..... 1
Gi5_9063362_x1.....cgugggaacacgUggugccg..... 1
Gi2_11380768_x1.....gagacgAcgugggaacacggggugcc..... 1
Gi2_11310401_x1.....gaucggagaUgucgugggaacacggggug..... 1
G1a_6272080_x1.....ggaacacgAggugccgaac..... 1
Gi5_9132924_x1.....gugggaacacCgggugccg..... 1
Gi1_4337533_x1.....ucggagacgucgUggaacacg..... 1
G1a_6278688_x1.....gggaacaUggggugccgaac..... 1
G1a_6030055_x1.....gaucAgagacgucgugggaacacggggg..... 1
Gi3_28830050_x1.....gcgaucggagacAucgugggaacacggg..... 1
Gi1_4281399_x1.....gagacgucgugAgaacacggggugcc..... 1
Gi5_9000433_x1.....cggagacgucgugggaacCcg..... 1
Gi4_614230_x1.....guggUaacacggggugcc..... 1

Gi3_28770403_x1.....	.aacaGggggugccgaacuu.....	1
Gi2_11321236_x1.....	.cggagCcgucguggaacac.....	1
Gi3_28798110_x1.....	.gucguggaacCggggugccgaacuu.....	1
Gi1_4386977_x1.....	.gagacgucguggaacacAgggugccgaacu.....	1
Gi1_4257961_x1.....	.gucgCgggaacacggggug.....	1
Gi3_28744405_x1.....	.gacgucguggaCcacggg.....	1
Gi1_4376531_x1.....	.aAcggagacgucguggaacacg.....	1
Gi3_28403665_x1.....	.ggaaAacggggugccgaa.....	1
Gi3_28863936_x1.....	.acgucguggaacacgggg.....	0
Gi3_28450378_x1.....	.cgaucggagacgucguggaacacAgg.....	1
Gi5_9020430_x1.....	.ugUgaucggagacgucgugg.....	1
G1a_6191308_x1.....	.aCcgagacgucgugga.....	1
Gi5_9091496_x1.....	.agacgucguggaGcacggggu.....	1
Gi2_11376466_x1.....	.gacgucguggaacacggggugA.....	1
Gi1_4258278_x1.....	.agacgucguggaacacAgggugccgaac.....	1
Gi3_28296339_x1.....	.cgucguggaacUcggggugccgaac.....	1
Gi2_11380506_x1.....	.ucggGgacgucguggaacacggg.....	1
Gi2_11118174_x1.....	.uGggagacgucguggaacacggggugccg.....	1
Gi3_28884437_x1.....	.gaucggagacgucgugAgaacacg.....	1
Gi3_28599518_x1.....	.gcaucggagacgucguAggaacacggg.....	1
Gi2_11097603_x1.....	.cgucUuggaacacggggugccgaa.....	1
Gi2_10993327_x1.....	.agacUucguggaacacggggugccg.....	1
Gi5_8888340_x1.....	.cgucguggaacGcggggugccgaa.....	1
G1a_6044266_x1.....	.gaucggagacgucAugggaa.....	1
Gi5_8892932_x1.....	.gacgucguggaaUacggggugccgaacu.....	1
Gi3_28285544_x1.....	.cgucguggaacacAgggugccgaa.....	1
Gi3_28922041_x1.....	.gagacgucguggaacacgggAu.....	1
G1a_6282132_x1.....	.ugggCacacggggugccgaacu.....	1
Gi2_11253774_x1.....	.ucguggaacacgggCugccgaacu.....	1
Gi4_605617_x1.....	.agacgucguggaacacggggugccgaacA.....	1
Gi5_9038076_x1.....	.gacgucguggaacaAgggggugccgaacu.....	1
Gi1_4236988_x1.....	.ggagacgucguggGacacggggugccg.....	1
Gi5_8908142_x1.....	.ggaacacggggugUcgaac.....	1
Gi2_11394636_x1.....	.gcaucggagacgucguggaacacggggugccg.....	0
Gi3_28740015_x1.....	.cgucguCggaacacgggg.....	1
Gi3_28977415_x1.....	.gUgacgucguggaacacggggugccg.....	1
G1a_6249860_x1.....	.gaacacggggGgccgaacu.....	1
Gi5_9025853_x1.....	.gaucggagacgucguggaacacC.....	1
Gi1_4249657_x1.....	.agacgucguggaGcacggggugccg.....	1
Gi2_10995743_x1.....	.acgucguggaacacggggugcAgaac.....	1
Gi3_28412195_x1.....	.gaucggagGcugcuggaacacggggugcc.....	1
Gi3_28559790_x1.....	.gagacgucguggaaUacggggugccg.....	1
Gi2_11313946_x1.....	.uggaacacggggUccgaacu.....	1
Gi4_575825_x1.....	.cCucguggaacacggggugcc.....	1
Gi2_11245257_x1.....	.ugcgaucggagacgucguggaacacggg.....	0
Gi1_4192229_x1.....	.uggaacCcgggugccgaac.....	1
Gi5_9088307_x1.....	.aucggagacgucCgggaacacggggugc.....	1

Gi5_8853643_x1.....gucgugggaaAacggggugcccgaac.....	1
Gi1_4378010_x1.....agacgucgugggaacacggggCgcc.....	1
Gi2_11125166_x1...cgUucggagacgucgugggaacacg.....	1
Gi3_28438211_x1.....ggagacgucgugggaacacggggugGc.....	1
Gi1_4340192_x1.....gagacgucgugggaacacggggugcccgaUcu.....	1
Gi5_8855654_x1.....cgucgugggaacUcggggugcccga.....	1
Gi2_11099041_x1.....gacgucgugggaacacggggC.....	1
Gi1_4335636_x1.....gugggaaAacggggugcccg.....	1
Gi2_11240880_x1.....uggNaacacggggugcccgaac.....	1
Gi3_28273134_x1.....agacgucgugggaacacggggUcccgaacu.....	1
Gi1_4238132_x1.....cguNggaacacggggugcccgaacu.....	1
Gi2_11105844_x1.....gagacgucgugggaacacggggGg.....	1
Gi2_11204538_x1.....ggagacgucgugggaacacggggugcccGg.....	1
Gi1_4289542_x1.....agacgucgugAgaacacggggugcccgaacu.....	1
G1a_5992043_x1....aucggagacgucgugggG.....	1
Gi3_28873479_x1....uUggagacgucgugggaacacggg.....	1
Gi3_28897323_x1.....gagacgucgugCgaacacg.....	1
Gi1_4298220_x1....aucggagacgucgugAgaacacg.....	1
Gi3_28888350_x1.....ggagacgucgugggaacacAgggugcccg.....	1
G1a_6075940_x1....gauUggagacgucgugggaa.....	1
Gi4_582727_x1....aucggagacgucgugggaacacggggugcccgaacu.....	0
Gi3_28943492_x1.....cgucguggNaacacggggug.....	1
G1a_6101519_x1.....cggagacgucgugggaaAacggggg.....	1
Gi3_28289991_x1.....ucgAgggaacacggggugcccg.....	1
Gi4_576836_x1.....ggagacgucgugggaacacg.....	0
Gi5_9089982_x1.....ucgugggaacacggAgugcccgaac.....	1
Gi2_11367057_x1.....agacgucgugggaacacgggAugcccgaacu.....	1
Gi1_4256393_x1.....ggGgacgucgugggaacacggggg.....	1
Gi2_11006797_x1.....acgucUugggaacacggggugccc.....	1
Gi1_4286045_x1.....gacgucgugggaacacggggUaccgaacu.....	1
Gi3_28406617_x1....aucggagacgucgugggaUcacgggg.....	1
Gi1_4179046_x1.....gucgugggaacacggggugcccgaacG.....	1
Gi4_587397_x1.....gAaacacggggugcccgaac.....	1
Gi5_8976438_x1....aucggagacgucCugggaaca.....	1
Gi5_9128641_x1.....cggagacgucgugAgaacacg.....	1
Gi2_11391762_x1.....cgucgugggaacacggggugU.....	1
Gi3_28560436_x1.....Ngucgugggaacacggggugcccga.....	1
Gi5_9081282_x1.....ugggaacacggAgugcccga.....	1
Gi5_9134488_x1....gaucggagGcugcuggggaacacg.....	1
Gi2_11159961_x1....aucAgagacgucgugggaacacggggug.....	1
Gi3_28603187_x1.....ugggaacacUggggugcccg.....	1
G1a_6043230_x1.....cgGgggaacacggggugc.....	1
Gi2_11269360_x1.....ugggUacacggggugcccga.....	1
Gi4_593381_x1.....cgugggaacacggggugcccga.....	0
Gi2_11227824_x1....Uucggagacgucgugggaacacg.....	1
Gi2_11015097_x1.....gGcugcugggaacacggggugcccga.....	1
Gi2_11359345_x1.....cggagacgugugggaacacggggugccc.....	1

Gi3_28626711_x1	...gaGcgagagacgucgugggaacacggggugc	1
Gi5_9066459_x1	...gucgugggaacaUggggugccgaacu	1
Gi3_28451338_x1	...ucgugggaacaUggggugccg	1
Gi1_4355230_x1	...gUagacgucgugggaacacg	1
Gi2_11123344_x1	...cggagacgucgugggaacacgUggugcc	1
Gi3_28759881_x1	...ucgugggaGacggggugccgaacu	1
Gi1a_6335055_x1	...gucgugggaacCggggugcc	1
Gi5_9123985_x1	...acgucgugCgaacacggggugccgaacu	1
Gi1_4353728_x1	...cgGcgugggaacacggggugccgaac	1
Gi1a_6280309_x1	...aucggagacgucgugggaacaGg	1
Gi1_4193491_x1	...cgugggaacacggggugcUg	1
Gi3_28360762_x1	...ucggGgacgucgugggaacacggggugccgaacu	1
Gi3_28984842_x1	...gaucggagacgucgugggaUcacggg	1
Gi2_11062890_x1	...gacgucgugggaacacggggUaccg	1
Gi3_28852671_x1	...cggagacgucgugggCacacggggugcc	1
Gi3_28561811_x1	...ggaacacggggugccgaacuu	0
Gi5_9092452_x1	...acgucgugUgaacacggggugccgaacu	1
Gi2_11174739_x1	...ggagacgucgugggaacacgAggugccg	1
Gi1_4301257_x1	...ugggaacacggggUaccgaa	1
Gi5_9001611_x1	...Caucggagacgucgugggaacacgg	1
Gi1_4253668_x1	...cggaUacgucgugggaacacggg	1
Gi2_11267082_x1	...cgucgugggaacacggGgugccg	1
Gi3_28692720_x1	...cgucgugggaGcacgggg	1
Gi5_8882818_x1	...cacAgggugccgaacuuu	1
Gi2_11027473_x1	...cgucgugggaacacggggUcccga	1
Gi2_11278526_x1	...gagacgucgugggaacacUgggugccg	1
Gi3_28508441_x1	...gggaacacggggugccgU	1
Gi3_28544128_x1	...cggagacgNcgugggaacacggggugccgaa	1
Gi3_28706961_x1	...cgucgugggaacacggggugcUgaa	1
Gi2_11363551_x1	...gucUggggaacacggggugcc	1
Gi1_4304294_x1	...agacgucgugggaacacggAgugccgaacu	1
Gi2_11216776_x1	...acgucguAggaacacggggugccg	1
Gi2_11287096_x1	...aucggagacUucgugggaacacggggg	1
Gi5_9060290_x1	...ugcgaucggagacgucguAggaacacggg	1
Gi1_4291230_x1	...ucggagGcgucgugggaacacggggugc	1
Gi2_11220043_x1	...cggagacgucgugggaacacggggugccAa	1
Gi3_28982643_x1	...aucggagacUucgugggaacacggggg	1
Gi2_11028801_x1	...acgAcgugggaacacggggugccgaa	1
Gi3_28788346_x1	...cgugggaacacAgggugc	1
Gi3_28274095_x1	...gaacacggggugccgaaAuu	1
Gi2_11370411_x1	...gggaacaUggggugccga	1
Gi3_28277102_x1	...ucgugggaacacggggugccCaacu	1
Gi1_4193181_x1	...acgucCugggaacacggggugccgaacu	1
Gi1_4376033_x1	...gugggaacacggggugccAaac	1
Gi1a_6187858_x1	...aucggagacgucgugggaCcacggggugc	1
Gi3_28594618_x1	...cgucgugggaacacgggCugccgaacu	1
Gi2_11041376_x1	...aucggagacgucgugggaacaGggggugc	1

Gi5_8967416_x1	.....gugggaacacgggAugccgaacuuu	1
Gi3_28695975_x1	.....gacgucgGgggaacacggggugccgaacu	1
Gi1_4370002_x1	.....ggaGacggggugccgaac	1
Gi2_11232825_x1	.....cggagacgNcgugggaaacacggggug	1
Gi3_28613049_x1	.....ggaacacggggugccCaacu	1
Gi1_4287073_x1	.....cggagacgucgugggaaAacggggugcc	1
Gi2_11022786_x1	.....cgucgugggaaacacggggugccgaacuu	0
Gi3_28388223_x1	.....cggCgacgucgugggaaacacggg	1
Gi5_8866937_x1	.....gggaacacgAggugccgaa	1
Gi5_9117681_x1	.....cgucgugggaaacacggggCgccgaac	1
Gi4_572310_x1	.....ggUacacggggugccgaacu	1
Gi2_11344072_x1	.....cgGcgugggaaacacgggg	1
Gi1a_6295329_x1	.....gucgugggaaacGcggggugccgaa	1
Gi2_11265646_x1	.....guNggaaacacggggugccg	1
Gi5_8935415_x1	.....acgucgugggaaacacUgggugccgaac	1
Gi3_28642662_x1	.....ucggagacgucgugggUacacg	1
Gi3_28935112_x1	.....gacgucAugggaacacggg	1
Gi2_10996195_x1	.....cgucguUggaacacggggugccgaacu	1
Gi3_28410617_x1	.....uggaaacacggggugccgaaG	1
Gi5_9059690_x1	.....ggaacacggggugccgaaU	1
Gi3_28333671_x1	.....ggagacgucgugggaaacacggggAgccgaacu	1
Gi1a_6092528_x1	.....gacgucgugggaaacacgggAugccgaacu	1
Gi2_11378585_x1	ugcgauccggagacgucgugggaaacG	1
Gi3_28942875_x1	.....agacgucguggAaacacggggugccgaac	1
Gi3_28766273_x1	.....gaucggagaGgucgugggaaacacggggugc	1
Gi3_28625720_x1	.....gagacgucgugggaaacacggAgugccg	1
Gi2_11386192_x1	gcgauccggagacgucguAggaacac	1
Gi1_4373690_x1	.....gugggaacaUggggugccgaacuu	1
Gi4_568166_x1	.....gaCcgagacgucguggg	1
Gi4_597071_x1	.....agacgucgugggaaacacggggCgcc	1
Gi2_11017063_x1	.....aucggagacgucgugggUac	1
Gi4_603024_x1	.....Augggaacacggggugccgaac	1
Gi3_28514672_x1	.....cggagacgucguUggaacacgggg	1
Gi1_4339295_x1	.....aucggagacgucgugggaaacacU	1
Gi3_28519085_x1	.....ucggagacgucgugggaaacacggAgugcc	1
Gi2_11005485_x1	.....ggagacgucguggAaacac	1
Gi2_11330793_x1	.....gagacgucgugggaaGacggggugccg	1
Gi1a_6293762_x1	.....Uucggagacgucgugggaaacacggggugc	1
Gi5_8952561_x1	.....gugggaacGcggggugccgaacuuu	1
Gi3_28960715_x1	.....gucgugggaaacacggggugccgaac	1
Gi3_28744696_x1	.....Gcgucgugggaaacacggggugc	1
Gi3_28561960_x1	.....ggagacgucguAggaacacggggugcc	1
Gi2_10999194_x1	.....gaucgAagacgucgugggaaacacggggg	1
Gi1a_6048353_x1	.....cgugggUacacggggugcc	1
Gi2_10993217_x1	.....auNggagacgucgugggaaaca	1
Gi2_11293815_x1	.....cgucgugggaaAacggggugccg	1
Gi2_11037517_x1	.....gacgCcgugggaaacacggg	1

Gl1a_6269816_x1.ugcgau	cgagacgucgugggaaAacggggu	1
Gl1a_6330585_x1	gacgucgugggaacacggggugccgaGcu	1
Gi2_11388550_x1	aucggagacgucgugggaGcacggggugccg	1
Gi1_4187515_x1	agacgucgugggaaUacggggugccgaacu	1
Gi5_8921410_x1	cgagacgucgugggaacacgAggugcc	1
Gi2_11166154_x1	gacgucgugggaacacggggug	0
Gi1_4355707_x1	aucggagacgucgGgggaacacgg	1
Gi3_28738503_x1	ucgugggaacacggggugccgaGu	1
Gi3_28495366_x1	gacgucgugggaacaAggggu	1
Gi1_4352741_x1	ggaacacggggUccgaac	1
Gi3_28481962_x1	ucgugggCacacggggugccgaac	1
Gi2_11015664_x1	cgauccgagacguUgugggaacacg	1
Gi3_28614971_x1	gaucggagacguGgugggaacacgg	1
Gl1a_6336557_x1	ucgugggaacacggggugccgaGc	1
Gi1_4282144_x1	aacacggggugccgCacuu	1
Gi1_4161912_x1	agacUucgugggaacacggggugccgaacu	1
Gi2_11159606_x1	acgucgugggaUcacggggugc	1
Gi1_4364148_x1	cgagacgucgugggaacacggggUaccgaacu	1
Gi1_4378877_x1	aucggagacgucgugggaacacggggGgcc	1
Gl1a_6143131_x1	gugggaacacggggugccgGac	1
Gi5_9134038_x1	aucggagacgucgugggaaUacggggu	1
Gi3_28709802_x1	ucggGgacgucgugggaacacgg	1
Gi3_28284005_x1	ggagacgucgugggaacacAgggugccgaac	1
Gl1a_6199135_x1	ucguggAaacacggggugccgaacu	1
Gi2_11063448_x1	gagacgucgugggaacaAgggggugccg	1
Gi2_11273514_x1	gagacgucgugggaGcacggggugccg	1
Gi2_11394826_x1	aucggagacgAacgugggaacacgg	1
Gi3_28303681_x1	cgugCgaacacggggugccga	1
Gi2_11053387_x1	agacgucgugggaUcacggggugcc	1
Gi3_28575795_x1	acgucgugggaacacgCggugccgaac	1
Gi2_11128826_x1	cguggUaacacggggugccga	1
Gi2_11299761_x1	aucggagacUucgugggaacacg	1
Gi5_8837114_x1	ucgugggaaUacggggugcc	1
Gi2_11179369_x1	auUggagacgucgugggaac	1
Gi1_4361376_x1	aucggaAacgucgugggaacacggggugc	1
Gi5_9123992_x1	gggUaacacggggugccgaac	1
Gi1_4286452_x1	cguggUaacacggggugccga	1
Gi2_11287647_x1	cgucUugggaacacggggugccga	1
Gi5_9115300_x1	gucgugggaacCcgggugccgaa	1
Gi5_8927338_x1	gucgugggaacacggUgugccgaacu	1
Gi3_28427025_x1	aucggagacgucgugggaacacCggg	1
Gi3_28675517_x1	gagacgucgugggUaacac	1
Gi5_9127830_x1	aCacgucgugggaacacggggugccgaac	1
Gl1a_6079466_x1	cguggAaacacggggugcc	1
Gi3_28314969_x1	gaucggagaGgucgugggaacacgg	1
Gi5_8879984_x1	ugggaacacggggugccCaa	1
Gi3_28524732_x1	acgucgugggaaUacggggugccgaac	1

Gi3_28718860_x1.....gacgucgugggaacacggggugcUgaacu..... 1
 Gi1_4300009_x1.....gggaacacggggugccCaac..... 1
 Gi1_4294471_x1.....ugggaacaUggggugccga..... 1
 Gi1_4331276_x1.....cgucgugggaCcacggggugccgaa..... 1
 Gi4_609763_x1.....gucgCgggaacacggggugccgaac..... 1
 Gi5_9055481_x1.....gacUucgugggaacacggggugccgaacu..... 1
 Gi3_28847478_x1.....aucggagaAgucgugggaacacggggg..... 1
 Gi5_9080797_x1.....cgucgugggaacacAgggugccgaac..... 1
 Gi3_28754549_x1.....gucgugggaGcacggggugcc..... 1
 Gi5_8881241_x1.....agacgucgCgggaacacggggugccgaac..... 1
 Gi3_28460031_x1.....cgucgugggaacCgggggug..... 1
 Gl1_6337557_x1.....aUacgucgugggaacacg..... 1
 Gi3_28425265_x1.....gagacgucgugggaCcacggggugccg..... 1
 Gi5_8922235_x1.....gGucggagacgucgugggaacacggggg..... 1
 Gi2_11253600_x1.....gugggaacacgggggUccgaa..... 1
 Gi3_28968000_x1.....aucggagaAgucgugggaacacggggugc..... 1
 Gl1_6023231_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
 Gi2_11101268_x1.....ugggaacacCgggugccgaacu..... 1
 Gi3_28793495_x1.....aucgAagacgucgugggaacacggggugc..... 1
 Gi1_4383069_x1.uAcgaucggagacgucguggga..... 1
 Gi2_11152286_x1.....aucggagacgucgugggaacacUg..... 1
 Gi2_11255422_x1.....acgucgugggUacacggg..... 1
 Gi3_28719538_x1.....agacgucgugggaacacggggugUcgaac..... 1
 Gi3_28865856_x1.....cgucgugggaacCcgggg..... 1
 Gi2_11241650_x1.....gacgucgugggaAacgggg..... 1
 Gi3_28922613_x1.....ggagacgucgugggaacacggggugccCa..... 1
 Gi2_11109312_x1.....auAggagacgucgugggaacac..... 1
 Gl1_5981694_x1.....gaucggagCcgucgugggaacacggg..... 1
 Gi1_4387893_x1.....ugggaacacggggugcUgaac..... 1
 Gi1_4218612_x1.....ucgugggaacacggggugAcgaac..... 1
 Gi2_11366123_x1.....ucgugggaacGcggggugccg..... 1
 Gi3_28770047_x1.....gUagacgucgugggaacac..... 1
 Gi5_8901750_x1.....aucggagacgucgugggaacacgggAu..... 1
 Gi1_4193510_x1.....agacgGcgugggaacacggggugccgaacu..... 1
 Gi2_11178594_x1.....agacgucgugggaacGcggggugccg..... 1
 Gi2_11164169_x1.....aucggagaGgucgugggaacacgggg..... 1
 Gl1_6245439_x1.....aucAgagacgucguggga..... 1
 Gi3_28307823_x1.....ucgNagacgucgugggaacacggggugccg..... 1
 Gi2_11361845_x1.....cgucgugggaacacUgggugccg..... 1
 Gi2_11157811_x1.cugcgaucgAagacgucgugggaacacg..... 1
 Gi3_28721392_x1.....cggagaAgucgugggaacacggggugcc..... 1
 Gi5_9033246_x1.....gugggaacacggggugAc..... 1
 Gi1_4308358_x1.....aucggagacgucgugggaGacg..... 1
 Gl1_6105967_x1.....Ugagacgucgugggaacac..... 1
 Gi3_28685900_x1.....cggagacgucgugggaacacggggugA..... 1
 Gi3_28660958_x1.....cgugggaacacgggAgugccg..... 1
 Gi2_11182736_x1.....Naucggagacgucgugggaacacgg..... 1

Gi2_11252358_x1.....gggUacacggggugccgaa..... 1
Gi3_28678067_x1...Ngaucggagacgucgugggaacacggggugc..... 1
Gi3_28924007_x1.....ggagacgucgugggaacacggggugccgCac..... 1
Gi1_4384370_x1...Ucgauccgagacgucgugggaacacggggugc..... 1
Gi1_4213012_x1.....Cugggaacacggggugcc..... 1
Gi2_11305615_x1.....acgucgugggGacacgggggu..... 1
G1a_6268555_x1.....cggagacgucAugggaacacgggggu..... 1
Gi2_11369767_x1...gaucggagacgucgugggaCcacgg..... 1
Gi1_4360245_x1.....cgAgggaacacggggugccgaa..... 1
Gi3_28502309_x1.....ucggCgacgucgugggaacacggggugcc..... 1
Gi2_11172915_x1...aucggagacgucgCgggaacacgggg..... 1
Gi5_9131771_x1.....agacgucgugAgaacacggggugccgaac..... 1
Gi2_11164835_x1.....cgucgAgggaacacggggugccg..... 1
Gi2_11172134_x1.....cggagacgucgugggaacacggggugccCa..... 1
Gi3_28334246_x1.....cgugggaacacCgggugc..... 1
Gi5_8909883_x1.....cgucgugggaacacggggugccgGac..... 1
G1a_6318747_x1.....gugggaacacggggugccgaacuC..... 1
Gi5_8871658_x1.....gucgugggaacacggggGgcccga..... 1
Gi3_28733679_x1...cgauccgagacgucgugggaacacgAggugc..... 1
Gi3_28634120_x1...gaucggagacgucgugggaacCgcg..... 1
Gi2_11137722_x1.ugcgauUgagacgucgugggaaca..... 1
G1a_6026972_x1.....gugggaacacggggugccgaaGu..... 1
G1a_6203867_x1...aucggagacgucgugggaacacCg..... 1
Gi2_10998623_x1.....guAgugggaacacggggugcc..... 1
Gi2_11197076_x1...ucggagGcgucgugggaacacggggugc..... 1
Gi2_10995116_x1.....gCaacacggggugccgaa..... 1
G1a_6302622_x1.....gucgugggaacacggggugUcga..... 1
Gi1_4390414_x1.....gucgugggaGcacggggugcc..... 1
Gi5_8941712_x1.ugcgauAggagacgucguggg..... 1
Gi3_28986285_x1.....cggagacgucGgggaacacggggugcc..... 1
Gi5_9041758_x1.....gggaacacggAgugccgaa..... 1
Gi1_4312210_x1...ucUgagacgucgugggaacacg..... 1
Gi2_11192869_x1.....cgucgugggCacacggggugccgaacu..... 1
Gi5_9087098_x1...aucgUagacgucgugggaacacggg..... 1
G1a_6342976_x1.....gaNcacggggugccgaacu..... 1
Gi2_11102524_x1...gaucggagacgucgugggaacacgggUu..... 1
Gi2_11073889_x1...gaucggagacgucgugggaacaUgg..... 1
Gi4_609651_x1.....gGgggaacacggggugccga..... 1
Gi3_28324091_x1.....gaacacAgggugccgaacuu..... 1
Gi1_4187370_x1.....gucgugggGacacggggugccgaac..... 1
Gi5_9080550_x1.....ugggaacacggggugcGgaac..... 1
Gi4_573087_x1.....ugAgaacacggggugccgaacu..... 1
Gi3_28393591_x1.....agacgucgugggaacacgUggugccgaac..... 1
Gi3_28570949_x1...cgauccgGgacgucgugggaacacggg..... 1
Gi3_28724960_x1.....gacgucgugAgaacacggggugccg..... 1
Gi3_28783433_x1.....gggaacacggggugccgCacuu..... 1
Gi2_11189756_x1...ucggagaGgucgugggaacacggggugc..... 1

Gi2_11143733_x1..Ccgaucggagacgucgugggaaacacgg..... 1
Gi2_11104041_x1.....aucggagacgucUugggaaacacgggg..... 1
Gi4_581357_x1.....gggGacacggggugccgaacu..... 1
Gi1_4184243_x1.....ucgugggaaacacggggAgccga..... 1
G1a_6061753_x1.....aucggagacgucgugggGcCacg..... 1
Gi5_9074058_x1.....gaacaUggggugccgaac..... 1
Gi2_11169305_x1.....ucAugggaaacacggggugc..... 1
Gi2_11328307_x1.....ucggGgacgucgugggaaacacggggugccg..... 1
Gi1_4374811_x1.....gAgaacacggggugccgaacuu..... 1
Gi2_11155296_x1.....ucgugggaaacCcggggugc..... 1
Gi3_28877549_x1.....cguAgugggaaacacggggugccgaa..... 1
G1a_6315337_x1.....ggCacacggggugccgaacu..... 1
Gi5_9029107_x1.....acgCcgugggaaacacggggugccg..... 1
Gi1_4380333_x1.....aucggagacgucgugggaaacacggggugc..... 1
Gi2_11401389_x1.....gacgucgugggaaAacggg..... 1
Gi2_11147062_x1.....gaucggagacgucgugAgaacac..... 1
Gi5_8860336_x1.....gugggaaacCcggggugccgaacuu..... 1
Gi3_28899965_x1.....gaucggagacgucgugggaaUacggggugcc..... 1
Gi1_4360340_x1.....cCgagacgucgugggaaacacggggugc..... 1
Gi2_11246202_x1.....cgGucggagacgucgugggaaac..... 1
Gi3_28495361_x1.....ggGgacgucgugggaaacacg..... 1
Gi3_28421554_x1.....gagacgucCugggaaacacggggg..... 1
G1a_6115828_x1.....cgucgugggaaacacggggugccgaacG..... 1
Gi1_4201816_x1.....ucgGgggaaacacggggugccgaac..... 1
G1a_6271189_x1.....ucgugggaaacacggggugccgCacu..... 1
Gi2_11026308_x1.....gucgugggaaacacggggAgc..... 1
G1a_6034365_x1.....aacacggggAgccgaacu..... 1
Gi1_4210685_x1.....cgCcgugggaaacacggggugccgaa..... 1
Gi2_11143844_x1.....gaucCgagacgucgugggaaacacgggg..... 1
Gi5_8942613_x1.....cgCgggaaacacggggugcc..... 1
Gi3_28922844_x1.....cgucgugggCacacggggugccg..... 1
Gi1_4229492_x1.....aucggagGcgucgugggaaacacggggugc..... 1
Gi5_8871182_x1.....cgucgugggaaacacAgggugccga..... 1
Gi2_11141085_x1.....ucgugggaaacacgggAugccg..... 1
Gi2_11273039_x1.....aucggagacgucgugggaaacG..... 1
Gi1_4386074_x1.....ggagacgucgugggGacacggggg..... 1
Gi2_11184713_x1.....cgugggaaAacggggugccga..... 1
G1a_6241029_x1.....aUacgucgugggaaacacggggugccgaacu..... 1
Gi5_8877787_x1.....ugggGacacggggugccgaacuuu..... 1
Gi3_28826782_x1.....aucggUgacgucgugggaaacacgggg..... 1
Gi3_28527967_x1.....aucggagacgucgugUaacacgggg..... 1
Gi2_11407411_x1.....gucgugggaaacacggggugccAa..... 1
Gi1_4321968_x1.....ucgugggaaUacggggugccgaac..... 1
G1a_6084836_x1.....gggaaacacggggugccUaacu..... 1
G1a_6285320_x1.....aucggagacgucgugggaaacacgAggu..... 1
Gi3_28765951_x1.....gagacgucgugGcaacac..... 1
Gi1_4385702_x1.....cgugggGacacggggugccga..... 1

Gi3_28407367_x1.....ucggagacgucguAggaacacgg.....1
 Gi2_11008238_x1.....agacgucgNgggaacacggggu.....1
 Gi2_11114290_x1.....cgugggaacacCggggugcc.....1
 Gi2_11091719_x1.....gaacacgggguAccgaac.....1
 Gi2_11098030_x1.....gaacacAgggugccgaac.....1
 Gi1_4185996_x1.....ucggagacgucgugggGacacggggugcc.....1
 G1a_6153709_x1.....ggagacgucguggggaacacggggugccGacu.....1
 Gi4_572025_x1.....cgugUgaacacggggugccgaacu.....1
 Gi5_9067664_x1.....gugggaacacgAggugccgaa.....1
 Gi3_28383812_x1.....ugCgaacacggggugccgaa.....1
 Gi2_11270787_x1.....gucguggggaacacggAgugcc.....1
 Gi3_28346408_x1.....gagacgucguggggaacacggggugUcgaacu.....1
 Gi1_4178258_x1.....ugggaaUacggggugccgaacuu.....1
 G1a_6070299_x1.....aucggagacgucgugggCacacg.....1
 Gi1_4165622_x1.....gugggaacacggggugccGac.....1
 Gi3_28863208_x1.....gaNgucguggggaacacggggugccgaacu.....1
 Gi5_8924331_x1.....cgugggaacacgAggugc.....1
 Gi1_4344108_x1.....aucggagacgucgugggaaUacg.....1
 Gi3_28785885_x1.....cgugggaacacggUgugccg.....1
 Gi2_11163716_x1.....cgucguggggaacacggUgugccga.....1
 Gi3_28353338_x1.ugcgauccgagacgucguggggaacacggggG.....1
 Gi2_11167879_x1.....gaucggagacgucgugUgaacacggggugcc.....1
 Gi3_28639233_x1.....cgucguggCaacacggggugccgaac.....1
 Gi3_28967781_x1.....ggagacgucguAggaacacggggugccgaac.....1
 Gi5_8833801_x1.....cguggAaacacggggugccg.....1
 Gi5_8873448_x1.....guNgggaacacggggugccgaac.....1
 Gi3_28510892_x1.gcgauccgagacgucguggggaacacggAgu.....1
 Gi1_4254420_x1.....acgucgGgggaacacggggugccg.....1
 Gi2_11357807_x1.....ucggagacgucguUggaacacggggugc.....1
 Gi3_28646681_x1.....ggagacgucgugggUacacggggugcc.....1
 Gi5_8889851_x1.....cgucgugUgaacacggggugc.....1
 Gi2_11011472_x1.....aacacggggugGcgaacu.....1
 Gi1_4208248_x1.....acgucguggggaacaUggggugcc.....1
 Gi2_11081268_x1.....auGggagacgucguggggaacacggggugc.....1
 Gi2_11370615_x1.....aucggagacUucguggggaacac.....1
 Gi2_11000214_x1.....aucGUagacgucgugggaa.....1
 G1a_6180815_x1.....Aucguggggaacacggggugcc.....1
 Gi3_28960393_x1.....gugggaacacggggugcGgaa.....1
 Gi3_28705573_x1.ugcgGucggagacgucguggggaacacg.....1
 Gi2_11153050_x1..cgauccgagacgucguggggaacaUg.....1
 Gi3_28454791_x1..cgauccgagacgucguUggaacacg.....1
 Gi2_11127008_x1.....cgugggaacacggggugccC.....1
 Gi2_11303918_x1.....gaGcacggggugccgaac.....1
 Gi5_9105841_x1.....ggagacgucguggggaacacggggAgcc.....1
 Gi3_28958325_x1.....gucguggggaacCcggggu.....1
 Gi1_4282194_x1.....aGcacggggugccgaacuu.....1
 Gi3_28525123_x1.ugGgauccgagacgucguggggaaca.....1

Gi2_11267953_x1.....cgucgugggaacacggggugccgaUcu..... 1
G1a_6320415_x1.....uggaacaAggggugccgaacu..... 1
Gi5_8908494_x1.....gugggaaUacggggugccgaa..... 1
Gi1_4298864_x1.....cggagacgucgugggaacCggggugc..... 1
Gi3_28785048_x1..Ccgaucggagacgucgug..... 1
Gi3_28566124_x1.....ggagacgucgugggaacacggggugcAgaacu..... 1
Gi1_4194074_x1.....Cucgugggaacacggggugcc..... 1
Gi3_28276001_x1.....gagGcgucgugggaacacg..... 1
Gi1_4323432_x1....aucggagacgucgCgggaacacggggugccgaacu..... 1
Gi1_4160338_x1.....ucggGgacgucgugggaacacggggugc..... 1
Gi3_28946692_x1....gaucggagacgucguggCaacacggg..... 1
Gi2_11193260_x1.....cgucgugggaacacgCggugccgaacu..... 1
Gi5_8888806_x1.ugcAaucggagacgucguggga..... 1
Gi1_4229878_x1.....ucgugggaacacggggugAcg..... 1
Gi3_28540993_x1.....ggagacgucgugggaacaUggggu..... 1
Gi3_28431944_x1.....ggagacgucgugggaacCggggugccgaac..... 1
Gi5_9029165_x1.ugcgauAggagacgucgug..... 1
Gi5_8853722_x1.....agacgucgugggaacacggggugUc..... 1
Gi3_28747477_x1.....ggagacguUgugggaacacggggugccgaa..... 1
Gi1_4212515_x1.....gGgacgucgugggaacac..... 1
Gi1_4313097_x1....aucggagGcgucgugggaacac..... 1
G1a_6354246_x1....Ccgagacgucgugggaacacgggggu..... 1
Gi1_4331833_x1.....gagacgucgugggaacacAggggugccga..... 1
Gi2_11052726_x1..gcgauccgagacgucgugggaacGcggggug..... 1
Gi1_4211233_x1.....acguGgugggaacacggggugccgaacu..... 1
Gi5_8873805_x1.....gggaacacggggugUcgaac..... 1
Gi2_11266608_x1.ugcgauccgagacgucAuggga..... 1
Gi3_28263794_x1cugcgauccgagGcgucgugggaacacggggug..... 1
Gi2_11391111_x1.....gagacgucguggAaacacggggugc..... 1
Gi2_11215735_x1.....ucggagacgucgCgggaacacggggugcc..... 1
Gi2_11067240_x1.....guggUaacacggggugccgaacuu..... 1
Gi2_11162054_x1....aucggagacgucguggCaacac..... 1
Gi2_11280393_x1.....gucgugggaacacggggugG..... 1
Gi5_8915270_x1....cgauccgagacguUgugggaacacggg..... 1
Gi3_28421221_x1....gaucggagacgucgugggaacGacggggugc..... 1
Gi2_11311733_x1.ugcgauccgagacgucgugggC..... 1
Gi1_4223473_x1.....ggagacgucgugggaacacgggggA..... 1
Gi5_9096254_x1.....gggaacacgggggUccgaacu..... 1
G1a_6358968_x1.....cUgagacgucgugggaacacggggug..... 1
Gi2_11222495_x1.....cUgagacgucgugggaacacggggugccgaa..... 1
Gi2_11273739_x1.....uNggaacacggggugccgaac..... 1
Gi2_11344132_x1....cgauccgagacgucguggg..... 0
Gi1_4293264_x1.ugUgauccgagacgucgugggaacacg..... 1
Gi2_11061458_x1.....gagacgucgugggaacacgggAugccg..... 1
Gi3_28319817_x1.....gagacgucgugggaacacgggAgugccgaacu..... 1
Gi5_9134079_x1....aucggagacgucgugggaacaUggggg..... 1
G1a_6314687_x1.....gugggaacacggggugcUgaa..... 1

Gi2_11344205_x1.....gacgucAugggaacacggggu..... 1
Gi3_28793683_x1.....aacacgggAugccgaacu..... 1
Gi2_11004801_x1.....gacgucgugggaaAacggggugccgaacu..... 1
Gi5_8917666_x1.....cgAgggaacacggggugccgaacu..... 1
G1a_6219817_x1.....gugggaacacggggugcG..... 1
Gi2_11141837_x1.....gaacacggggugccgaaU..... 1
Gi2_11325036_x1.....gaucggagacgucgAggga..... 1
Gi5_8977478_x1.....agacUucgugggaacacggggugc..... 1
Gi3_28485697_x1.....ucgugAgaacacggggugc..... 1
Gi2_11218858_x1.....aucggagaNgucgugggaacacgggg..... 1
G1a_6204160_x1.....gaucggagacgucgugggaacCggg..... 1
Gi1_4171445_x1.....gaucggagacguUgugggaacacgg..... 1
Gi3_28935793_x1.....gugggaacacggggGgccgaacuuu..... 1
Gi5_8940673_x1.....cgucgugggGacacggggugccgaa..... 1
Gi2_11110293_x1.....cgucgugggaacacgUgugccgaacu..... 1
Gi3_28412637_x1.....cgucgugggaacacggUgugcc..... 1
Gi3_28304209_x1.....gaCcgagacgucguggg..... 1
Gi3_28532652_x1.....cgaucggaNacgucgugggaacacggggugc..... 1
Gi3_28835081_x1.....ucgugggaacacggggGgccgaa..... 1
Gi2_11240536_x1.....ucggagacgucguAggaaacacggggugc..... 1
Gi3_28557332_x1.....ggagacgucgugggaaUacggg..... 1
Gi1_4160340_x1.....gucgugggaacaUggggugccgaacu..... 1
Gi1_4300654_x1.....cggagacgucgugggaaAacggggu..... 1
Gi2_11279178_x1.....guUgugggaacacggggugccgaa..... 1
Gi2_11005546_x1.....acgucgugggUacacggggugc..... 1
Gi3_28614813_x1.....gucgugggaacaUggggugccg..... 1
Gi4_604161_x1.....cgucgCgggaacacggggugccga..... 1
Gi1_4363714_x1.....cgucgugAgaacacggggugccg..... 1
Gi3_28358297_x1.....ggagacAucgugggaacacggggugcc..... 1
Gi2_11070603_x1.....gacgucgugggUacacggggugccgaacu..... 1
Gi2_11217098_x1.....acgucgugggaacacggggugccgaaGu..... 1
Gi2_11038644_x1.....gaAacgucgugggaacacggggugc..... 1
Gi2_11298844_x1.....uAggagacgucgugggaacacg..... 1
Gi5_8970944_x1.....aucggagacgucgugggaacacggA..... 1
Gi5_9058015_x1.....cggagacgNcgugggaacacgg..... 1
Gi2_11049177_x1.....agacgucgGgggaacacggggug..... 1
Gi3_28873933_x1.....cggagacgucguggUaacacggg..... 1
Gi3_28664024_x1.....gaucggagacgucgugggaaA..... 1
Gi1_4369465_x1.....cgucgugAgaacacggggugcc..... 1
Gi5_8939210_x1.....uUgugggaacacggggugcc..... 1
Gi5_9056288_x1.....aucggUgacgucgugggaacacggggugc..... 1
Gi1_4208410_x1.....gucguggAaacacggggugccgaacu..... 1
Gi5_8937271_x1.....aucggagacgucUugggaacacggggugc..... 1
G1a_6089179_x1.....cgugggUacacggggugc..... 1
Gi3_28347973_x1.....cggUgacgucgugggaacacggggu..... 1
Gi3_28971991_x1.....acgucgugggaacacUggggugccgaacu..... 1
G1a_6335638_x1.....aCcgagacgucgugggaacacgggg..... 1

Gi1_4252164_x1.....ggaacacggggugGcgaac.....	1
Gi2_11154062_x1.....aucggagacgucguggAaacacggggug.....	1
Gi5_9107966_x1.....uggNaaacacggggugccgaac.....	1
Gi2_11003426_x1.....cggagacgucguggaCcacggggugccg.....	1
Gi1_4322404_x1.ugcgauccggagGcgucgugga.....	1
Gi2_11135835_x1.....cgucgugggaacacggggugUcga.....	1
Gi5_9047431_x1.....Agucgugggaacacggggugccgaac.....	1
Gi3_28299653_x1.....ggagacgucguggaGcacgg.....	1
Gi4_585560_x1.....guUgugggaacacggggugccgaacu.....	1
Gi2_11377217_x1.....gacgucgugggaacacggggugccAa.....	1
Gi3_28577996_x1.....ucgAgggaacacggggugc.....	1
Gi3_28946124_x1.....cgugggaacacggggugccgaaAuu.....	1
Gi3_28369862_x1.....ggaacaGggggugccgaac.....	1
Gi2_11335531_x1....gaucggagCcgucgugggaacacggggugc.....	1
Gi5_8901890_x1.....uggaacaacggggugccga.....	0
Gi3_28457192_x1.....gAagacgucguggaacaacggggug.....	1
Gi3_28398388_x1.....guGgugggaacacggggugccga.....	1
Gi3_28789204_x1..gcUaucggagacgucgugggaacacggg.....	1
Gi1_4278766_x1.....ggaacaGggggugccgaacu.....	1
Gi5_8913558_x1.....cgucgugggaacacggggugcAga.....	1
Gi1_4306063_x1.....acgucgugggaGcacggggugccgaacu.....	1
Gi5_8977517_x1.....acNucgugggaacacggggugccgaac.....	1
Gi1_4252500_x1.....gucgugggaGcacggggugccgaacu.....	1
Gi3_28484806_x1.....uggUaacacggggugccga.....	1
Gi1_4177610_x1.....gagacgucNugggaacacggggugcc.....	1
Gi2_11172917_x1....ucggagacgucgugggaacC.....	1
Gi1_4257220_x1.....Gcgugggaacacggggugccgaa.....	1
Gi3_28876954_x1....gaucggagacgCcguggga.....	1
Gi3_28594451_x1.....Acgugggaacacggggugccg.....	1
Gi1_4234473_x1.....cgucguCggaacacggggugccgaacu.....	1
Gi3_28538130_x1.....acacggggugccUaacuu.....	1
Gi4_568772_x1.....gugggaacacgggAugccgaacu.....	1
Gi2_11057443_x1.....gucgugggaacacgCggugccgaacu.....	1
Gi3_28931493_x1..gcgaucggCgacgucgugga.....	1
Gi2_11361831_x1.....ggCgacgucgugggaacacggggug.....	1
Gi1_4275104_x1.....cggagacguUgugggaacacggggugcc.....	1
Gi2_11389840_x1.....ugggaacacggggugcAg.....	1
Gi4_594092_x1.....cgucgugggaacacggggugccgaCcu.....	1
Gi3_28912351_x1.....gNgaacacggggugccgaac.....	1
Gi2_11227967_x1.....gucgugUgaacacggggugc.....	1
Gi3_28703389_x1....aucggagacgucguggaacaGg.....	1
Gi1_4171662_x1.....gugggaaAacggggugccgaacu.....	1
Gi1_4302348_x1.....gGgacgucgugggaacacggggugccg.....	1
Gi3_28557589_x1....gaucggagacgucguggga.....	0
Gi2_11268571_x1....auAggagacgucgugggaacacg.....	1
Gi3_28477095_x1.....gagacgucgugggaaUacggggugccgaacu.....	1
Gi2_11103752_x1.....ucguggAaacacggggugccgaa.....	1

Gi1_4205019_x1.....agacgucNgggaacacggggugcc..... 1
 Gi5_9018180_x1.....gcgccugcNgcccacucgccgaguucg..... 1
 Gi3_28932277_x1Gugcgauccgagacgucgugggaaacacggggugcc..... 1
 Gi5_8854932_x1.....ucgugggaaacacggggugc..... 0
 Gi2_11044372_x1.....ucggagacgucgugggaaacaAgggggugc..... 1
 Gi3_28638459_x1.....ggagacguUgugggaaacacggggugcc..... 1
 Gi2_11232517_x1.....agacgucgugggaaacacggggugccgaUc..... 1
 Gi3_28500864_x1.....cggagacgAcgugggaaacacggggugc..... 1
 Gi2_11113469_x1.....gucguggUaacacggggugccgaac..... 1
 Gi3_28609142_x1.....ucgCgggaacacggggugcc..... 1
 Gi5_9034524_x1.....gaacacggggugccgaaG..... 1
 Gi1_4212416_x1.....cgugggaaUacggggugccga..... 1
 Gi2_11281154_x1.....uggaaacacggggugccgaaA..... 1
 Gi5_8833892_x1.....cgugggaaacagAggugccga..... 1
 Gi5_9086086_x1.ugcgauccggagCcgucgug..... 1
 Gi2_11291305_x1.....gUgacgucgugggaaacacggggug..... 1
 Gi5_8867208_x1.....cgAagacgucgugggaaacacgg..... 1
 Gl1_6347188_x1.....acgucgugggaaacacggggugccgaCcu..... 1
 Gi2_11252424_x1.....cguAgugggaaacacggggugccg..... 1
 Gi2_11157763_x1..gcgauccggagacguUgugggaaacac..... 1
 Gi2_11061957_x1.....aucggagUcgucgugggaaacacggggugc..... 1
 Gi2_11217973_x1..gcgauccggagaUgucgugggaaacacggggug..... 1
 Gi3_28510708_x1.....uggaaacacCgggugccgaac..... 1
 Gi5_9005993_x1.....cggauacgucgugggaaacacggg..... 1
 Gi2_11092655_x1.....cgugggaaacacAgggugccgaa..... 1
 Gi2_11264759_x1.....ucggagacgAcgugggaaacacggggugccg..... 1
 Gi3_28508006_x1..gaucUgagacgucgugggaaacac..... 1
 Gl1_6204197_x1.....aucggagacgucgugggaaacacggggug..... 1
 Gi3_28677720_x1.....gagacgucNugggaacacg..... 1
 Gi2_11060102_x1.....aucggagacgucgugggaaacacgggA..... 1
 Gi3_28910063_x1..gaucAgagacgucgugggaaacacggggugc..... 1
 Gi2_11401586_x1.....gagacgucgugggaaacacggggCgccgaacu..... 1
 Gi2_11072583_x1.....ggagacgucAugggaaacacggggugcc..... 1
 Gi5_9118483_x1.....Ccgagacgucgugggaaacacg..... 1
 Gi5_9061516_x1.....ucggagacgucgugggaaacGcggggugc..... 1
 Gi3_28988139_x1.....Agucgugggaaacacggggugc..... 1
 Gi3_28810062_x1.....ucggaAacgucgugggaaacacg..... 1
 Gi5_8936902_x1.....aucggagGcucgugggaaacacggg..... 1
 Gi2_11004531_x1.....cgucguggAaacacggggugccgaac..... 1
 Gl1_6295485_x1.....cggagacgucgugggGacacgggggu..... 1
 Gi3_28468745_x1.....ucggagacNucgugggaaacacggggugc..... 1
 Gi3_28778816_x1.....ugNgaacacggggugccgaac..... 1
 Gi3_28268401_x1.....Cacgucgugggaaacacgggg..... 1
 Gi2_11186867_x1..gaucggagacgucgugggaaacacggggugccgaa..... 0
 Gi3_28776780_x1.....gaacacggAgugccgaa..... 1
 Gi1_4360716_x1.....ugNgaacacggggugccgaa..... 1
 Gi2_11275259_x1.....cgugCgaacacggggugccgaa..... 1

Gi3_28739461_x1	cgaucggagacgucGggg	1
Gi3_28876134_x1	acgucgugggaacacggggugcUg	1
Gi2_11165680_x1	gacgucgugggaacacgCg	1
Gi1_4270476_x1	acgucgugggaacCggggugccgaac	1
Gi2_11205831_x1	gaacacggggugccgCac	1
Gi3_28444891_x1	gaGgucgugggaacacggggugccgaacu	1
Gi5_9100497_x1	gugggUacacggggugccgaa	1
Gi2_11170481_x1	cgucgugggaacacggAg	1
Gi5_9071099_x1	gaucggagacgucgugggaacaUgg	1
Gi3_28921642_x1	ucggagacgucGgggaacacg	1
Gi1_4350110_x1	cAugggaacacggggugccgaacu	1
Gi4_599708_x1	cgCgugggaacacggggugccga	1
Gi3_28913224_x1	gaucggagacgucgugggaacaUggg	1
Gi3_28458349_x1	ugggaacacggggUccgaa	1
Gi1_4215247_x1	aucggagacgucguAggaacacggggugcc	1
Gi3_28502095_x1	cguggCaacacggggugc	1
Gi3_28753758_x1	aucCgagacgucgugggaacacggggugcc	1
Gi3_28590111_x1	gagGcucgugggaacac	1
Gi3_28642768_x1	ucgugggaaUacggggugcc	1
Gi5_8914257_x1	uCcgaucggagacgucguggg	1
Gi2_11108264_x1	gaucggGgacgucgugggaacacggggugcc	1
Gi2_11353363_x1	ugcgaucggagacgucgugggaGcacg	1
Gi2_11331443_x1	agacgucgugggaacacggggugcAgaacu	1
Gi1_4354270_x1	acgucgugNgaacacggggugccgaacu	1
Gi3_28657787_x1	gaucggagacgucgugggaCcacggggg	1
Gi2_11388002_x1	cggagacgucgugggGacacggggugccga	1
Gi5_8884589_x1	ugcgaucggagGcucgug	1
Gi4_588749_x1	gggaacacggggugccgaGc	1
Gi1a_6280926_x1	cgugAgaacacggggugcc	1
Gi3_28782108_x1	ugCgaacacggggugccgaac	1
Gi1_4355038_x1	gaucggagacAucgugggaacacgg	1
Gi3_28650338_x1	ugcgaucgNagacgucgugggaacacggggugcc	1
Gi1_4308242_x1	gugggaacacgggCugcc	1
Gi1_4311543_x1	Aaucggagacgucgugggaacacgg	1
Gi3_28549748_x1	acgucgugggaacacggAgugcc	1
Gi2_11061984_x1	Acggagacgucgugggaacacggggugcc	1
Gi5_9103253_x1	aacaGggggugccgaacu	1
Gi3_28353340_x1	ucggagacgucAgggaacacg	1
Gi3_28703347_x1	cgucgugggaacacAgggugccga	1
Gi5_9118646_x1	gugggaacacUgggugccgaac	1
Gi2_11240747_x1	ggaacacggggugcGgaacu	1
Gi2_11122002_x1	gaucggagacgucgugggaacGcg	1
Gi3_28828521_x1	gaucggagacguAgugggaacacggg	1
Gi5_8943162_x1	aucggagacgucGgggaacacg	1
Gi3_28939945_x1	cgugggaaAacggggugccg	1
Gi3_28610890_x1	gacgucAugggaacacggggugccgaa	1
Gi5_9023998_x1	cggagacgucgugggaacacggggugccg	0

Gi5_9094801_x1.....gagacgucgCggaacacggggugccgaacu..... 1
 Gi2_11165297_x1.....aucggagacgucgugggaaacacAggg..... 1
 Gi5_9061604_x1.....cgucgugggaaacacggggugccgaCc..... 1
 Gi5_8846968_x1.....gugggaaAacggggugccg..... 1
 Gl1a_6128669_x1.....aucggagacgucgugggaaacaUggg..... 1
 Gi3_28375860_x1.....gucgugggaaacacggCgu..... 1
 Gi2_11136373_x1.....ggaaUacggggugccgaa..... 1
 Gi5_8984995_x1.....aGcggagacgucgugggaaacacggggugccgaac..... 1
 Gi3_28565750_x1.ugcgaucggagacgucgugggaaacacggggA..... 1
 Gi2_11114660_x1.....gucgugggCacacggggugccg..... 1
 Gi5_8895326_x1.....gacgucgugggaaacacggggugUcgaacu..... 1
 Gi2_11294285_x1.....gaucggagacgucgugggAUC..... 1
 Gi3_28291287_x1.....ucgugggaaacacggggugccUa..... 1
 Gi1_4210395_x1.....gaucggagacgucgugggaaacCggggugcc..... 1
 Gi2_11046805_x1.....cggagacgCcgugggaaacacggggug..... 1
 Gl1a_6338929_x1.....cgGucggagacgucgugggaa..... 1
 Gi2_11131164_x1.....ggagacgucgugggaaAac..... 1
 Gl1a_6329446_x1.....Uucggagacgucgugggaaacacggggg..... 1
 Gi1_4296824_x1.....ucggagacgucgugggaaacacggggUac..... 1
 Gi2_11325570_x1.....gagacgucNugggaaacacggggugc..... 1
 Gi3_28369498_x1.....agacgucgugggaaacacgAg..... 1
 Gi3_28825396_x1.....gugggaaacacgggUugccg..... 1
 Gi4_613919_x1.....agacgucgCggaacacggggugcc..... 1
 Gi1_4290685_x1.....ugUgaacacggggugccgaac..... 1
 Gi2_11330146_x1.....gaAcggagacgucgugggaaacacggggugc..... 1
 Gi3_28632708_x1.....gaucggagacguGugggaaacacggg..... 1
 Gi3_28747170_x1.....gacgucgugggaaacacgC..... 1
 Gi2_11267745_x1.....acgAcgugggaaacacggggugccgaac..... 1
 Gi2_11297692_x1.....gucgugggaaAacggggugccg..... 1
 Gl1a_6309047_x1.....gugggaaacaUggggugccga..... 1
 Gi3_28985203_x1.....gggaaacacggggugcUgaacuu..... 1
 Gi3_28838043_x1.....gUucggagacgucgugg..... 1
 Gi3_28371285_x1.....cgCcgugggaaacacggggg..... 1
 Gi1_4298224_x1.....gaacacggggugccgGac..... 1
 Gi2_11294016_x1.....gugggaaacacggggugccgaaUuu..... 1
 Gi5_9065640_x1.....uggCaacacggggugccgaac..... 1
 Gi5_8978870_x1.....aucggagacgucgugggaaacacggggAgc..... 1
 Gi2_11135499_x1.....gucgugggaaacacAgggugccg..... 1
 Gi4_606182_x1.....auUggagacgucgugggaaacacggggugcc..... 1
 Gi3_28955945_x1.....cgugggCacacggggugccg..... 1
 Gi3_28270008_x1.....ucUgagacgucgugggaaacac..... 1
 Gl1a_6238654_x1.....gAagacgucgugggaaacacg..... 1
 Gi3_28771825_x1.....ggagaUgucgugggaaaca..... 1
 Gi3_28527332_x1.....Aagacgucgugggaaacacg..... 1
 Gi3_28872754_x1.....gugggaaacaGggggugccg..... 1
 Gi3_28857202_x1.....cgaucggagacgucgugggGacacg..... 1
 Gi1_4316270_x1.....gugggaaacacggCgugcc..... 1

Gi3_28757174_x1.....ggagacgucgAgggaacacggggugccg..... 1
 Gi5_9108145_x1.ugcAaucggagacgucguggg..... 1
 Gi2_11326745_x1.....ucggagacgCcgugggaaca..... 1
 Gi1_4204810_x1.....gugggaacacgggAugccga..... 1
 Gi3_28591573_x1.....uUggagacgucgugggaacacggggugc..... 1
 Gi4_595930_x1.....aucggagacgucgugggGacacggg..... 1
 Gi5_8976850_x1.....gaaGacggggugccgaacu..... 1
 G1a_6102169_x1.....ggagacgucgugAgaacacggggugcc..... 1
 Gi3_28587978_x1.....ugggaacaUggggugccg..... 1
 Gi5_8891076_x1.....gacguAgugggaacacggggugccgaacu..... 1
 Gi5_8842363_x1.....ugggaacaGggggugccgaac..... 1
 Gi2_11076305_x1.....ggagacguNgugggaacacggggug..... 1
 Gi5_8975075_x1.....gucguAggaacacggggugccgaa..... 1
 Gi3_28695922_x1.ugcgaucgNagacgucgugggaaca..... 1
 G1a_6173894_x1.....ggaAacgucgugggaacacggggugcc..... 1
 Gi1_4298577_x1.....Aacgucgugggaacacggggugccg..... 1
 G1a_6315686_x1.....acgucgugggaacacggggugccgCacu..... 1
 G1a_6306008_x1.....ggGgacgucgugggaacacg..... 1
 G1a_6020466_x1.....Augggaacacggggugccgaa..... 1
 Gi2_11021923_x1.....gggGacacggggugccga..... 1
 Gi4_605456_x1.....gugggUacacggggugccgaacu..... 1
 Gi1_4185594_x1.....gugggaacacggggAgccgaac..... 1
 Gi3_28960822_x1.....aucggagacgucgugggaacacggUg..... 1
 Gi1_4321274_x1.....cggaUacgucgugggaacacggggugccgaacu..... 1
 Gi3_28898556_x1.....aucgUagacgucgugggaac..... 1
 Gi2_11236126_x1.....cgaCcgagacgucgugggaacacggg..... 1
 Gi1_4239773_x1.....gacgucgugggaacacggggugccgaCcu..... 1
 Gi2_11107633_x1.....ggaacacUgggugccgaac..... 1
 Gi3_28500262_x1.....gagacgucguAggaacacggggugccgaac..... 1
 Gi3_28487612_x1.....gagacgucgugggaacaUggggugccg..... 1
 Gi2_11307466_x1.....cggagacgucguggAaacac..... 1
 Gi5_9127627_x1.....agacgucgugggaacacggggugccgaaAu..... 1
 Gi1_4220778_x1.....agacgucgugggaGcacggg..... 1
 Gi1_4241418_x1.....aucggagacgucgugggaacacggAgu..... 1
 Gi5_8851030_x1.....acgucgugNgaacacggggugccg..... 1
 Gi3_28642193_x1.....cgaucggagacgucgugggaUcacg..... 1
 Gi2_11152878_x1.....cgNgggaacacggggugccga..... 1
 Gi1_4275502_x1.....gugggaacacggUgugccgaac..... 1
 Gi4_609391_x1.....ugggaacacAgggugccgaacu..... 1
 Gi1_4334935_x1.ugcgaucggagacgCcguggga..... 1
 Gi2_11234105_x1.....agacgucguggUaacacggggugccgaacu..... 1
 Gi1_4248734_x1.....ugUgaacacggggugccgaacuu..... 1
 Gi2_11016297_x1.....aucggagacgucguCggaacacggggugcc..... 1
 Gi2_11034163_x1.....ggaacacggggugccgGa..... 1
 Gi5_9001101_x1.....cgucgugggaaGacggggugc..... 1
 Gi4_588100_x1.....cgucAugggaacacggggugccga..... 1
 Gi1_4252292_x1.....acgucgugggaacacAgggugcc..... 1

Gi2_11100541_x1...gaucggagacgucgugggaacaUggggug... 1
Gi5_9103810_x1...agacAucgugggaacacggggugcc... 1
Gi1_4215169_x1...aucggagaAgucgugggaacacgggggu... 1
Gi2_11049827_x1...gagacAucgugggaacacggggugccg... 1
Gi3_28325655_x1...gaGcggagacgucguggg... 1
Gi1_4338528_x1...uUgugggaacacggggugccga... 1
Gi3_28722370_x1...gGgaucggagacgucgugggaacacggggug... 1
Gi5_9049361_x1...gucgugggaacaAggggugccgaac... 1
Gi3_28467524_x1...ggCaacacggggugccgaa... 1
Gi5_8945877_x1...acuucccagUgcgccugcugcccacc... 1
Gi5_8857466_x1...aucggagacgucgugggaGcacggggug... 1
Gi3_28937650_x1...gUcgucgugggaacacggggugccg... 1
Gi5_9094242_x1...gugNgaacacggggugccga... 1
Gi3_28339683_x1...ucggagaAgucgugggaacacg... 1
Gi5_8968609_x1...gaacacggggugccgCac... 1
Gi3_28638254_x1...ucgugggaacacUggggugc... 1
Gi3_28332941_x1...gucgugCgaacacggggugccgaac... 1
Gi1_4192132_x1...gagacgAcgugggaacacggggugcc... 1
Gi3_28981373_x1...aucggagacgucgugggUacacgggg... 1
Gi2_11043420_x1...auGggagacgucgugggaacac... 1
Gi3_28628051_x1...gucgugggCacacggggugccga... 1
Gi3_28363846_x1...cgaCcgagacgucgugg... 1
Gi3_28820329_x1...gacgucgugggaacCcg... 1
Gi2_11128233_x1...aucggagCcgucgugggaacacg... 1
G1a_6109655_x1...gucgugggCacacggggugccga... 1
Gi3_28378027_x1...acgucgugggaacacggggUacc... 1
Gi2_11150037_x1...aucggagacgucgAgggaaca... 1
G1a_6131602_x1...Ugugggaacacggggugc... 1
Gi3_28646241_x1...aucggagacgucgugggaacaAgggg... 1
Gi3_28689487_x1...Cacacggggugccgaacu... 1
Gi3_28778685_x1...gagacgucgugggaacCc... 1
Gi1_4351291_x1...agacgucgugggaacacggggugccU... 1
G1a_6147959_x1...gaucggagacgucgugggaacGcgggg... 1
Gi2_11392980_x1...gagacguUgugggaacacggggugcc... 1
Gi2_11294108_x1...acgucgugggaacacggggugAcgaacu... 1
Gi2_11192877_x1...Agggaacacggggugccg... 1
Gi3_28857206_x1...gucgugggaGcacggggugccgaa... 1
Gi3_28400955_x1...agacgCcgugggaacacggggugccgaa... 1
G1a_6156976_x1...gcgaucggagGcucgug... 1
Gi2_11068700_x1...acgucguAgggaacacgggggu... 1
Gi2_11106474_x1...agacgCcgugggaacacggggugc... 1
Gi3_28332919_x1...aucggagacgucgugCgaacacggg... 1
Gi2_11050219_x1...acgucguCggaacacgggggu... 1
Gi1_4238241_x1...ucgugggaacacUgggugc... 1
Gi3_28862626_x1...gacgucgugggaacGcggggugccg... 1
Gi2_11212318_x1...gucgGgggaacacggggugccg... 1
Gi3_28917393_x1...gaucAgagacgucgugggaacacg... 1

Gi2_1434665_x133011.....gugggaacacggggugccgaacu.....
0
Gi3_8063661_x119103.....gaacacggggugccgaacu.....
0
Gi3_8697977_x70155.....gugggaacacggggugccgaac.....
0
Gi5_2465246_x67119.....gugggaacacggggugccgaacu.....
0
Gi2_1794525_x65192.....cgugggaacacggggugccgaacu.....
0
Gi3_9083182_x57456.....aacacggggugccgaacu.....
0
Gi3_9196498_x54607.....ugggaacacggggugccgaacu.....
0
Gi5_2632552_x47532.....cgugggaacacggggugccgaacu.....
0
Gi3_9849648_x39171.....gggaacacggggugccgaacu.....
0
Gi3_10365099_x35048.....Uugggaacacggggugccgaacu.....
1
Gi3_10400147_x35013.....ggaacacggggugccgaacu.....
0
Gi3_10560548_x30012.....ggaacacggggugccgaac.....
0
Gi5_2903321_x29271.....aacacggggugccgaacu.....
0
Gi3_10969964_x24063.....gugggaacacggggugccgaacA.....
1
Gi5_3059569_x22896.....ugggaacacggggugccgaacu.....
0
Gi3_11248361_x22013.....cgugggaacacggggugccgaac.....
0
Gi3_11270374_x21828.....gugggaacacggggugcc.....
0
Gi2_2498029_x20890.....gugggaacacggggugccgaac.....
0
Gi3_11398260_x20135.....ugggaacacggggugccgaac.....
0
Gi2_2518919_x20131.....ggaacacggggugccgaacu.....
0
Gi5_3172288_x20011.....gaacacggggugccgaacu.....
0
Gi3_11700602_x17928.....gggaacacggggugccgaac.....
0
Gi2_2576448_x17286.....Uugggaacacggggugccgaacu.....
1

Gi3_11804884_x16850.....ucgugggaacacggggugccgaacu.....
0
Gi2_2593734_x16668.....ugggaacacggggugccgaacu.....
0
Gi2_2643387_x16224.....gggaacacggggugccgaacu.....
0
Gi3_11984592_x15862.....gugggaacacggggugccga.....
0
Gi3_12000454_x15855.....Uaacacggggugccgaacu.....
1
Gi3_12273191_x14392.....gGgggaacacggggugccgaacu.....
1
Gi3_12316259_x14259.....cgugggaacacggggugccgaacA.....
1
Gi2_2816430_x13238.....aacacggggugccgaacu.....
0
Gi1_1545627_x13127.....gugggaacacggggugccgaacu.....
0
Gi1_1571667_x12719.....aacacggggugccgaacu.....
0
Gi3_12559239_x12622.....cUugggaacacggggugccgaacu.....
1
Gi2_2906896_x12602.....gugggaacacggggugcc.....
0
Gi2_2931772_x12203.....gaacacggggugccgaacu.....
0
Gi3_12707463_x11795.....gucgugggaacacggggugccgaacu.....
0
G1a_2764528_x11766.....gugggaacacggggugccgaacu.....
0
Gi5_3567497_x11394.....ggaacacggggugccgaacu.....
0
Gi5_3578891_x11040.....ucgugggaacacggggugccgaacu.....
0
Gi1_1629613_x10992.....gaacacggggugccgaacu.....
0
Gi5_3622560_x10645.....gggaacacggggugccgaacu.....
0
Gi3_13008745_x10559.....gugggaacacggggugccgaa.....
0
Gi2_3131603_x9318.....ggaacacggggugccgaac.....
0
Gi2_3204185_x8821.....ucgugggaacacggggugccgaacu.....
0
Gi5_3754824_x8567.....Uugggaacacggggugccgaacu.....
1

Gi3_13368980_x8549.....gugggaacacggggugccg.....
0
Gi3_13385977_x8446.....cgucgugggaacacggggugccgaacu.....
0
Gi3_13419752_x8420.....Uugggaacacggggugccgaac.....
1
Gi1_1717006_x8199.....cgugggaacacggggugccgaacu.....
0
Gi3_13598074_x7829.....aucggagacgucgugggaacacggg.....
0
Gi3_13690359_x7531.....aucggagacgucgugggaacacg.....
0
Gi2_3397579_x7478.....cgugggaacacggggugccgaac.....
0
Gi1_1772599_x7300.....ucgugggaacacggggugccgaacu.....
0
Gi1_1779899_x7252.....ugggaacacggggugccgaacu.....
0
Gi2_3462884_x7005.....gGgggaacacggggugccgaacu.....
1
Gi3_13952821_x6649.....aucggagacgucgugggaacacgggg.....
0
Gi3_13966109_x6626.....ugggaacacggggugccgaacA.....
1
Gi3_14044647_x6441.....ggaacacggggugccgaacA.....
1
Gi3_14120580_x6174.....acgucgugggaacacggggugccgaacu.....
0
Gi3_14163414_x6077.....ucgugggaacacggggugccgaac.....
0
Gi2_3600679_x5869.....gugggaacacggggugccgaacA.....
1
Gi3_14325748_x5585.....ugggaacacggggugccgaa.....
0
Gi2_3662960_x5473.....gucgugggaacacggggugccgaacu.....
0
Gi2_3711694_x5322.....cUugggaacacggggugccgaacu.....
1
Gi2_3743210_x5193.....gugggaacacggggugccg.....
0
Gi3_14503814_x5146.....ugggaacacggggugccga.....
0
Gi3_14514096_x5110.....Uggaacacggggugccgaacu.....
1
Gi5_4030023_x4816.....gugggaacacggggugccgaac.....
0

Gi5_4039646_x4802.....cgucgugggaacacggggugccgaacu.....
0
Gi1_1936852_x4772.....gggaacacggggugccgaacu.....
0
Gi1_1955690_x4631.....ggaacacggggugccgaacu.....
0
Gi3_14826722_x4528.....uUggaacacggggugccgaacu.....
1
Gi3_14898149_x4389.....Ugaacacggggugccgaacu.....
1
Gi3_14919984_x4333.....gucgugggaacacggggugccgaac.....
0
Gi3_14950267_x4314.....cgugggaacacggggugcc.....
0
Gi3_14963195_x4302.....gaacacggggugccgaac.....
0
Gi3_14997439_x4255.....gggaacacggggugccgaacA.....
1
Gi2_3938664_x4179.....gggaacacggggugccgaac.....
0
Gi2_3951163_x4151.....gugggaacacggggugccga.....
0
Gi3_15097440_x4078.....gaacacggggugccgaacA.....
1
Gi5_4169765_x3965.....cUugggaacacggggugccgaacu.....
1
Gi3_15209990_x3947.....cgugggaacacggggugccga.....
0
Gi3_15276456_x3855.....cgucgugggaacacggggugcc.....
0
Gi3_15375097_x3741.....Ugaacacggggugccgaac.....
1
Gi5_4272399_x3626.....gucgugggaacacggggugccgaacu.....
0
Gi3_15478073_x3592.....gGgggaacacggggugccgaac.....
1
Gi2_4108274_x3511.....cgucgugggaacacggggugccgaacu.....
0
Gi5_4338890_x3373.....gGgggaacacggggugccgaacu.....
1
Gi2_4182182_x3220.....cgugggaacacggggugcc.....
0
Gi3_15764003_x3192.....gUgaacacggggugccgaacu.....
1
Gi2_4211031_x3168.....aucggagacgucgugggaacacggggu.....
0

Gi2_4214199_x3154.....cgugggaacacggggugccgaacA.....
1
G1a_3091306_x3090.....ggaacacggggugccgaacu.....
0
Gi3_15861109_x3071.....aucgggagacgucgugggaacacgg.....
0
Gi3_15921905_x3019.....Ggugggaacacggggugccgaacu.....
1
Gi2_4269696_x3008.....ugggaacacggggugccgaac.....
0
Gi5_4412639_x2992.....acgucgugggaacacggggugccgaacu.....
0
Gi2_4296153_x2901.....aucgggagacgucgugggaacacggggugc.....
0
G1a_3120858_x2850.....cgugggaacacggggugccgaacu.....
0
Gi3_16082396_x2840.....cgugggaacacggggugc.....
0
Gi3_16096567_x2821.....gUaacacggggugccgaacu.....
1
Gi2_4327464_x2792.....Uugggaacacggggugccgaac.....
1
Gi3_16248655_x2719.....Cugggaacacggggugccgaacu.....
1
Gi3_16289142_x2676.....aucgggagacgucgugggaacacgggg.....
0
Gi5_4504505_x2664.....Uaacacggggugccgaacu.....
1
G1a_3154096_x2645.....ugggaacacggggugccgaacu.....
0
Gi3_16341999_x2618.....Uugggaacacggggugcc.....
1
Gi2_4431581_x2539.....aucgggagacgucgugggaacac.....
0
Gi3_16461911_x2499.....aacacggggugccgaacA.....
1
Gi3_16466907_x2486.....cgugggaacacggggugccgaa.....
0
Gi2_4459306_x2481.....Ugaacacggggugccgaacu.....
1
Gi2_4466727_x2466.....ucgugggaacacggggugccgaac.....
0
Gi3_16499062_x2460.....gggaacacggggugccgaa.....
0
Gi3_16518676_x2441.....cgucgugggaacacggggugccgaac.....
0

Gi3_16545467_x2428.....gUaacacggggugccgaac.....
1
Gi2_4491170_x2425.....gugggaacacggggugccgaa.....
0
Gi3_16643558_x2347.....Uggaacacggggugccgaac.....
1
Gi3_16648252_x2346.....ugggaacacggggugccg.....
0
Gi5_4594294_x2341.....gugggaacacggggugccgaacA.....
1
Gi3_16791254_x2203.....Ggggaacacggggugccgaacu.....
1
Gi2_4593584_x2197.....Uggaacacggggugccgaacu.....
1
Gi3_16871628_x2136.....gGacacggggugccgaacu.....
1
Gi3_16882279_x2126.....gugggaacNcggggugccgaacu.....
1
Gi3_16903467_x2107.....Augggaacacggggugccgaacu.....
1
Gi5_4683050_x2103.....ugggaacacggggugccgaacA.....
1
Gi3_16928684_x2092.....acgucgugggaacacggggugccgaac.....
0
Gi3_16934960_x2091.....cgugggaacacggggugccg.....
0
Gi5_4687229_x2066.....gggaacacggggugccgaac.....
0
Gi1_2182073_x2038.....cgucgugggaacacggggugccgaacu.....
0
Gi2_4694926_x2033.....cgggagacgucgugggaacacggggugcc.....
0
Gi5_4703592_x2029.....ugggaacacggggugccgaac.....
0
Gi3_17070356_x2005.....aucgggagacgucgugggaacacggggugcc.....
0
Gi3_17110031_x1960.....gacgucgugggaacacggggugccgaacu.....
0
Gi5_4754590_x1912.....uUggaacacggggugccgaacu.....
1
Gi3_17183517_x1905.....cgugggaaNacggggugccgaacu.....
1
Gi3_17196833_x1895.....aucgggagacgucgugggaacac.....
0
Gi2_4747972_x1892.....acgucgugggaacacggggugccgaacu.....
0

Gi2_4751755_x1891.....aucggagacgucgugggaaca.....
0
Gi3_17249501_x1869.....Uugggaacacggggugccga.....
1
Gi2_4789143_x1843.....cgugggaacacggggugc.....
0
Gi3_17407574_x1767.....cUugggaacacggggugccgaac.....
1
Gi1a_3336841_x1748.....gggaacacggggugccgaacu.....
0
Gi3_17442691_x1747.....ggaacacggggugccgaa.....
0
Gi3_17461856_x1734....gaucggagacgucgugggaacacggg.....
0
Gi2_4893280_x1699.....Uaacacggggugccgaacu.....
1
Gi5_4851747_x1698.....cgugggaacacggggugccgaacA.....
1
Gi2_4903457_x1688.....aucggagacgucgugggaacacggggugcc.....
0
Gi3_17603980_x1650.....uUggaacacggggugccgaac.....
1
Gi3_17670918_x1614....gaucggagacgucgugggaacacgggggu.....
0
Gi1_2244512_x1612.....acgucgugggaacacggggugccgaacu.....
0
Gi3_17687009_x1601.....cgucgugggaacacggggugccg.....
0
Gi1_2246124_x1601.....Uugggaacacggggugccgaacu.....
1
Gi2_5013053_x1581.....gUaacacggggugccgaacu.....
1
Gi2_5014634_x1581.....cgucgugggaacacggggugccg.....
0
Gi3_17792439_x1544.....gCgggaacacggggugccgaacu.....
1
Gi3_17804757_x1535.....cgCgggaacacggggugccgaacu.....
1
Gi3_17827658_x1521.....gugggaacacggggCgccaacu.....
1
Gi2_5088374_x1492.....gggaacacggggugccgaacA.....
1
Gi3_17889244_x1487.....gugggGacacggggugccgaacu.....
1
Gi3_17901117_x1481.....gugggaacacggggGgccaacu.....
1

Gi2_5101745_x1480.....ugggaacacggggugccgaacA.....
1
Gi5_4964517_x1471.....gggaacacggggugccgaacA.....
1
Gi2_5116506_x1469.....Uugggaacacggggugcc.....
1
G1a_3417093_x1462.....Uugggaacacggggugccgaacu.....
1
Gi3_17950984_x1451.....gugggaacacggggugccgaGcu.....
1
Gi5_4980585_x1450.....cgugggaacacggggugccgaac.....
0
Gi3_17956783_x1448.....gUgaacacggggugccgaac.....
1
Gi1_2278079_x1437.....Uaacacggggugccgaacu.....
1
Gi2_5142644_x1430.....gggagacgucgugggaacacggggugcc.....
0
Gi1_2286667_x1421.....ucgCgggaacacggggugccgaacu.....
1
Gi5_4999235_x1414.....Ugaacacggggugccgaacu.....
1
Gi3_18041055_x1409.....Uucgugggaacacggggugccgaacu.....
1
Gi2_5172447_x1403.....ugggaacacggggugccga.....
0
Gi1_2297923_x1382.....gucgugggaacacggggugccgaacu.....
0
Gi3_18106627_x1380.....guUggaacacggggugccgaacu.....
1
Gi2_5197508_x1379.....aucgggagacgucgugggaacacggg.....
0
Gi5_5014528_x1369.....Uggaacacggggugccgaacu.....
1
Gi5_5019990_x1359.....ggaacacggggugccgaac.....
0
Gi3_18165432_x1357.....ucgugggaacacggggugccgaacA.....
1
Gi2_5224850_x1355.....uUggaacacggggugccgaacu.....
1
Gi2_5241045_x1346.....gaucggagacgucgugggaacacgggu.....
0
Gi3_18241935_x1325.....agacgucgugggaacacggggugccgaacu.....
0
Gi2_5287405_x1300.....acgucgugggaacacggggugcc.....
0

Gi2_5290004_x1297.....cgugggaacacggggugccga.....
0
Gi3_18311187_x1293.....gugggaGcacggggugccgaacu.....
1
Gi3_18316358_x1292.....gugggaacGcggggugccgaacu.....
1
Gi2_5310584_x1271.....gucgugggaacacggggugccgaac.....
0
Gi5_5074131_x1271.....agacgucgugggaacacggggugccgaacu.....
0
Gi3_18362356_x1267.....cgucgugggaacacggggugccgaacA.....
1
Gi2_5344499_x1246.....aucggagacgucgugggaacacggggug.....
0
Gi2_5356932_x1241.....gUgaacacggggugccgaacu.....
1
Gi3_18423837_x1240.....cgGgggaacacggggugccgaacu.....
1
Gi2_5368059_x1231.....agacgucgugggaacacggggugcc.....
0
Gi2_5372973_x1220.....cgucgugggaacacggggugcc.....
0
Gi3_18490145_x1214.....Uugggaacacggggugccgaa.....
1
Gi2_5414040_x1195.....aucggagacgucgugggaacacg.....
0
Gi3_18574980_x1178.....Aaacacggggugccgaacu.....
1
Gi2_5438941_x1177.....Ggugggaacacggggugccgaacu.....
1
Gi3_18586732_x1173.....cgucgugggaacacggggugccga.....
0
Gi3_18585559_x1173.....gaUcacggggugccgaacu.....
1
Gi2_5451849_x1165.....Ugaacacggggugccgaac.....
1
Gi3_18622676_x1152.....gGgggaacacggggugcc.....
1
Gi2_5505511_x1125.....cgugggaacacggggugccgaa.....
0
Gi2_5507759_x1120.....gGgggaacacggggugccgaac.....
1
Gi3_18723411_x1108.....gacgucgugggaacacggggugccgaac.....
0
Gi5_5171782_x1092.....gugggaacacggggugccga.....
0

Gi3_18769520_x1087.....cggagacgucgugggaacacggggugcc.....
 0
 Gi3_18785802_x1083.....gugggaacacggggugccgCacu.....
 1
 Gi1_2378013_x1083.....Cgggaacacggggugccgaacu.....
 1
 Gi3_18803090_x1078.....gaacacggNgugccgaacu.....
 1
 Gi5_5189063_x1063.....ggaacacggggugccgaacA.....
 1
 Gi3_18852239_x1056.....cgugggaacacggggugccgCacu.....
 1
 Gi2_5590002_x1051.....gugggaacacggggGgccgaacu.....
 1
 Gi3_18873269_x1048....gaucggagacgucgugggaacacg.....
 0
 Gi2_5593147_x1046.....gugggaacNcggggugccgaacu.....
 1
 Gi3_18879550_x1045.....gaacacggggGgccgaacu.....
 1
 Gi3_18895181_x1038.....Uugggaacacggggugccg.....
 1
 Gi2_5602530_x1038.....gacgucgugggaacacggggugccgaacu.....
 0
 Gi1_2388645_x1037.....gugggaacacggggugccgaacA.....
 1
 Gi3_18930286_x1026.....cgugggaacacggggugccgaGcu.....
 1
 Gi3_18936438_x1024.....aGcacggggugccgaacu.....
 1
 Gi2_5640495_x1012.....ggaacacggggugccgaacA.....
 1
 Gi2_5641507_x1011.....ugggaacacggggugccg.....
 0
 Gi3_18965997_x1011.....Ugugggaacacggggugccgaacu.....
 1
 Gi1_2404967_x998.....cgCgggaacacggggugccgaacu..... 1
 Gi2_5716655_x966.....gucgugggaacacggggugcc..... 0
 Gi1_2421588_x960.....gCgggaacacggggugccgaacu..... 1
 Gi2_5724354_x959....gaucggagacgucgugggaacacggg..... 0
 Gi5_5266060_x950.....gugggaacacggggugcc..... 0
 Gi1_2426354_x947.....ggaacacggggugccgaac..... 0
 Gi3_19185895_x936.....ugggaacacggggugccgCacu.....
 1
 Gi2_5758373_x932.....Augggaacacggggugccgaacu..... 1
 Gi3_19195239_x932.....gugggaacCcggggugccgaacu.....
 1

Gi4_255519_x927.....gugggaacacggggugccgaacu..... 0
 Gi3_19228620_x922.....gGgggaacacggggugccga.....
 1
 Gi2_5772246_x920.....aacacggggugccgaacA..... 1
 Gi3_19238742_x919.....cgucgugggaacacggggugc.....
 0
 Gi1_2435607_x912.....ucgugggaacacggggugccgaac..... 0
 Gi1_2437431_x908.....ucgugggaacacggggugcc..... 0
 Gi1_2438339_x907.....cUugggaacacggggugccgaacu..... 1
 Gi3_19283423_x905.....guggUaacacggggugccgaacu.....
 1
 Gi3_19314932_x896....gaucggagacgucgugggaacac.....
 0
 Gi5_5305716_x892.....gUaacacggggugccgaacu..... 1
 Gi3_19336339_x887....aucggagacgucgugggaacacggggugc.....
 0
 Gi3_19337226_x887.....cgugggaGcacggggugccgaacu.....
 1
 Gi5_5313715_x884.....Ggggaacacggggugccgaacu..... 1
 Gi3_19346078_x883.....Gacacggggugccgaacu.....
 1
 Gi3_19353136_x882.....gucgugggaacacggggugcc.....
 0
 Gi5_5328573_x862.....Ggugggaacacggggugccgaacu..... 1
 Gi3_19436709_x861.....acgucgugggaacacggggugcc.....
 0
 Gi3_19477784_x849.....gugggaacacAgggugccgaacu.....
 1
 Gi1_2463627_x846.....aacacggggugccgaacA..... 1
 Gi2_5894717_x846....gaucggagacgucgugggaacac..... 0
 Gi3_19487110_x846.....ggagacgucgugggaacacggggugcc.....
 0
 Gi2_5898094_x843....aucggGgacgucgugggaaca..... 1
 Gi3_19501449_x840.....cgAgggaacacggggugccgaacu.....
 1
 Gi3_19505645_x838.....cgugggGacacggggugccgaacu.....
 1
 Gi5_5346371_x836.....gacgucgugggaacacggggugccgaacu..... 0
 Gi3_19551295_x824.....cgugggaacacggggGgccgaacu.....
 1
 G1a_3705092_x821.....gugggaacacggggugcc..... 0
 Gi3_19597896_x808.....cggagacgucgugggaacacgggggu.....
 0
 Gi2_5972240_x807.....cgucgugggaacacggggugccga..... 0
 Gi3_19635652_x799.....gAgggaacacggggugccgaacu.....
 1

Gi3_19638048_x798.....gugggaacacggggugccgaCcu.....
 1
 Gi2_6000086_x787....aucggGgacgucgugggaacacggggugc..... 1
 Gi2_6000873_x786.....cgugggaaNacggggugccgaacu..... 1
 Gi3_19702742_x782.....agacgucgugggaacacggggugccgaac.....
 0
 Gi2_6009494_x781.....gCgggaacacggggugccgaacu..... 1
 Gi5_5388210_x779.....gaacacggggugccgaac..... 0
 Gi3_19712107_x778.....ugggaacaNggggugccgaacu.....
 1
 Gi2_6025044_x773.....agacgucgugggaacacggggugccgaacu..... 0
 Gi3_19752275_x768.....cgugggaacacggggugccgaCcu.....
 1
 Gi2_6041171_x764.....gacgucgugggaacacggggugcc..... 0
 Gi5_5408852_x752.....gUgaacacggggugccgaacu..... 1
 Gi2_6059364_x751.....gUaacacggggugccgaac..... 1
 Gi3_19831848_x748.....cgugggaacGcggggugccgaacu.....
 1
 Gi3_19863131_x742.....Ggggaacacggggugccgaac.....
 1
 Gi5_5423735_x735.....Augggaacacggggugccgaacu..... 1
 Gi2_6106547_x727....aucggGgacgucgugggaacac..... 1
 Gi1_2524539_x721.....gggaacacggggugccgaacA..... 1
 Gi3_19944198_x720.....guAggaacacggggugccgaacu.....
 1
 Gi5_5436081_x717....aucgggagacgucgugggaacacg..... 0
 Gi2_6138250_x715.....acgucgugggaacacggggugc..... 0
 Gi3_19977837_x712....gaucgggagacgucgugggaacacgggg.....
 0
 Gi2_6149646_x710.....cgugggaacacggggugccg..... 0
 Gi2_6156032_x709.....Uugggaacacggggugccg..... 1
 Gi2_6156741_x709.....gugggaacacggggCgccgaacu..... 1
 Gi5_5452426_x705.....ugggaacacggggugccgaa..... 0
 Gi5_5458036_x697.....gugggaacacggggugccgaa..... 0
 Gi1_2530929_x697.....gugggaacacggggugccgaac..... 0
 Gi5_5459430_x696.....ucgugggaacacggggugccgaac..... 0
 Gi3_20027165_x696.....gggaacacggggugccga.....
 0
 Gi1_2534401_x692.....gugggaacacggggugcc..... 0
 Gi2_6200666_x687.....ggagacgucgugggaacacggggugc..... 0
 Gi2_6202725_x686.....Cugggaacacggggugccgaacu..... 1
 Gi3_20061734_x686.....ucgugggaacacggggugc.....
 0
 Gi3_20075429_x683.....Caacacggggugccgaacu.....
 1
 Gi2_6219121_x680.....gugggGacacggggugccgaacu..... 1

Gi3_20087693_x680.....cgugUgaacacggggugccgaacu.....
 1
 G1a_3822562_x678.....gaacacggggugccgaacu..... 0
 Gi3_20100593_x678.....gaacacggggugccgaCcu.....
 1
 Gi3_20103302_x677.....cgugggaacaUggggugccgaacu.....
 1
 Gi2_6230650_x676.....cgucgugggaacacggggugc..... 0
 Gi3_20138255_x668.....ggagacgucgugggaacacggggg.....
 0
 Gi2_6261466_x664.....guUggaacacggggugccgaacu..... 1
 Gi2_6259474_x664.....gaacacggggugccgaacA..... 1
 Gi1_2549977_x662.....gGgggaacacggggugccgaacu..... 1
 Gi2_6272692_x658.....gugggaacGcggggugccgaacu..... 1
 Gi2_6277948_x656.....gugggaacacggggugccgaGcu..... 1
 Gi5_5501608_x654.....Uugggaacacggggugccgaac..... 1
 Gi2_6287759_x653.....Uucgugggaacacggggugccgaacu..... 1
 Gi3_20231351_x652.....gaacacggggugccgaGcu.....
 1
 Gi2_6306563_x644.....cUugggaacacggggugccgaac..... 1
 Gi3_20285750_x643.....gaacGcggggugccgaacu.....
 1
 Gi2_6335368_x636....gaucggagacgucgugggaacacggggugc..... 0
 Gi2_6340450_x634.....acgucgugggaacacggggugccgaac..... 0
 Gi3_20335512_x633.....Gcgugggaacacggggugccgaacu.....
 1
 Gi3_20333613_x633.....aUcacggggugccgaacu.....
 1
 Gi5_5530522_x632.....cgugggaaNacggggugccgaacu..... 1
 Gi2_6352455_x629.....gGgggaacacggggugcc..... 1
 Gi2_6356223_x627.....cggagacgucgugggaacacggggugc..... 0
 Gi2_6372478_x622.....Ggggaacacggggugccgaacu..... 1
 Gi1_2574227_x619.....gacgucgugggaacacggggugccgaacu..... 0
 Gi1_2575463_x616.....Ugaacacggggugccgaacu..... 1
 Gi3_20425189_x613....aucggagacgucguggga.....
 0
 Gi3_20433767_x612.....acgucgugggaacacggggugccgaacA.....
 1
 G1a_3889537_x611.....gGgggaacacggggugccgaacu..... 1
 Gi3_20455698_x606.....cUgggaacacggggugccgaacu.....
 1
 Gi1_2583389_x604.....uUggaacacggggugccgaacu..... 1
 Gi2_6418466_x604....gaucggagacgucguggga..... 0
 Gi2_6427498_x600.....ucgugggaacacggggugccgaacA..... 1
 Gi3_20496077_x598.....gugggaacacggggugccAaacu.....
 1

Gi3_20524036_x591.....cAugggaacacggggugccgaacu.....
 1
 Gi2_6449532_x591.....gugggaGcacggggugccgaacu..... 1
 Gi3_20534060_x588.....cUucgugggaacacggggugccgaacu.....
 1
 Gi3_20535824_x588.....uAgggaacacggggugccgaacu.....
 1
 Gi1_2589356_x587.....Uggaacacggggugccgaacu..... 1
 Gi3_20555743_x584.....gugggaacacggggugcUgaacu.....
 1
 Gi2_6477610_x580.....gaacacggggugccgaac..... 0
 Gi3_20572614_x580.....cgugggaacacAgggugccgaacu.....
 1
 Gi2_6501196_x571.....cgCgggaacacggggugccgaacu..... 1
 Gi3_20621399_x570.....gGgggaacacggggugccgaa.....
 1
 Gi2_6509178_x568.....cgGgggaacacggggugccgaacu..... 1
 Gi3_20641814_x565.....Cugggaacacggggugccgaac.....
 1
 Gi1_3939434_x563.....aacacggggugccgaacu..... 0
 Gi3_20653089_x562.....ucgugggaacacggggugccg.....
 0
 Gi2_6525556_x561.....gugggaacacggggugccgCacu..... 1
 Gi3_20660950_x561.....gaGcacggggugccgaacu.....
 1
 Gi1_2607734_x560.....ugggaacacggggugccgaac..... 0
 Gi2_6532839_x559.....Uggaacacggggugccgaac..... 1
 Gi3_20686091_x556.....Uaacacggggugccgaac.....
 1
 Gi3_20690539_x556.....ucgggagacgucgugggaacacggggugcc.....
 0
 Gi1a_3950603_x553.....aucggagacgucgugggaacacggg..... 0
 Gi5_5626687_x549.....gggaacacggggugccgaa..... 0
 Gi3_20726447_x549.....aacacgggNugccgaacu.....
 1
 Gi3_20755962_x544.....gugggaacNcggggugccgaac.....
 1
 Gi5_5641931_x539.....cgugggaacacggggugccga..... 0
 Gi2_6591423_x537.....Uugggaacacggggugccga..... 1
 Gi2_6592497_x537.....gucgugggaacacggggugc..... 0
 Gi2_6604800_x533.....ugggaacacggggugccgaa..... 0
 Gi2_6605333_x533.....gaucggagacgucgugggaacacg..... 0
 Gi3_20866986_x523.....gugAgaacacggggugccgaacu.....
 1
 Gi1a_3984256_x519.....gugggaacacggggugccga..... 0
 Gi1_2630453_x519.....gucgCgggaacacggggugccgaacu..... 1
 Gi2_6654166_x518.....ucgugggaacacggggugccg..... 0

Gi2_6663968_x514.....gggaacacggggugccgaa..... 0
 Gi2_6669610_x511.....cgugggaacacggggugccgCacu..... 1
 Gi3_20927425_x511.....gucgugggaacacggggugccgaacA.....
 1
 Gi3_20933547_x509.....gUacacggggugccgaacu.....
 1
 Gi4_298421_x509.....cgugggaacacggggugccgaacu..... 0
 Gi2_6688434_x506.....cgucgugggaacacggggugccgaac..... 0
 Gi2_6691467_x505.....ucggGgacgucgugggaacacg..... 1
 Gi3_20965425_x503.....ucgggagacgucgugggaacacg.....
 0
 Gi5_5684347_x503.....gugggaacNcggggugccgaacu..... 1
 Gi5_5685353_x502.....aucggagacgucgugggaacacgg..... 0
 G1a_4003648_x501.....aucggagacgucgugggaacacggggg..... 0
 G1a_4008139_x498.....gugggaacacggggugccgaac..... 0
 G1a_4011121_x496.....cgugggaacacggggugcc..... 0
 Gi3_21024275_x493.....gacgucgugggaacacggg.....
 0
 Gi5_5704214_x491.....aucggagacgucgugggaacacgggg..... 0
 Gi3_21053720_x489.....Cgaacacggggugccgaacu.....
 1
 Gi3_21053231_x489.....cgugggaacacggggugccAaacu.....
 1
 Gi5_5708616_x486.....gugggaacacggggugccgaacuu..... 0
 Gi2_6754847_x485.....gaucggagacgucgugggaaca..... 0
 Gi3_21074174_x485.....aaUacggggugccgaacu.....
 1
 Gi1_2653352_x484.....cgucgCgggaacacggggugccgaacu..... 1
 Gi3_21090151_x483.....Aggaacacggggugccgaacu.....
 1
 Gi2_6764528_x482.....ggGgacgucgugggaacacggggugcc..... 1
 Gi2_6774146_x480.....gugggaacCcgggugccgaacu..... 1
 Gi2_6773666_x480.....aucggGgacgucgugggaacacggg..... 1
 Gi3_21119024_x479.....aacacggggugccgaacuu.....
 0
 Gi3_21138590_x475.....gGcugugggaacacggggugccgaacu.....
 1
 Gi3_21144290_x475.....gGgggaacacggggugccg.....
 1
 Gi3_21178779_x470.....Augggaacacggggugccgaac.....
 1
 Gi5_5737314_x470.....aacacggggugccgaacA..... 1
 Gi3_21189573_x469.....Uucgugggaacacggggugccgaac.....
 1
 Gi5_5745274_x466.....gugggaacacggggugccg..... 0
 Gi2_6811953_x465.....ucgggagacgucgugggaacacg..... 0

Gi3_21225428_x463.....gucgugggaacacggggugccga.....
 0
 Gi1_2673628_x459.....gugggaacacggggugccg..... 0
 Gi5_5767386_x456.....aaUacggggugccgaacu..... 1
 Gi2_6849190_x455.....aucggagacgucgugggaac..... 0
 Gi3_21277250_x454.....ggaacacgNggugccgaacu.....
 1
 Gi3_21273618_x454.....cgugggaacacggggugcUgaacu.....
 1
 Gi2_6855091_x453.....ggaacacggggugccgaa..... 0
 Gi3_21301662_x450.....uUggaacacggggugccgaa.....
 1
 Gi1_2677719_x450.....agacgucgugggaacacggggugccgaacu..... 0
 Gi2_6870001_x450.....agacgucgugggaacacggggugc..... 0
 Gi5_5775083_x449.....aGcacggggugccgaacu..... 1
 Gi3_21314237_x448.....gaacacggggugccgCacu.....
 1
 Gi3_21316924_x447.....cgucgugggaacacgggg.....
 0
 Gi3_21334759_x445.....gugggaacacggggUaccgaacu.....
 1
 Gi5_5781786_x445.ugcgaucggagacgucgug..... 0
 Gi3_21342750_x443.....Cgggaacacggggugccgaacu.....
 1
 Gi3_21366587_x440.....Cggaacacggggugccgaacu.....
 1
 Gi3_21374493_x438.....gaucggagacgucgugggaacacgg.....
 0
 Gi2_6928292_x434.....guggUaacacggggugccgaacu..... 1
 Gi3_21420601_x432.....gugggaacaUggggugccgaacu.....
 1
 Gi1_2690059_x430.....ucgCgggaacacggggugcc..... 1
 Gi2_6946431_x430.....cggGgacgucgugggaacacggggugc..... 1
 Gi5_5805893_x429.....Gcgugggaacacggggugccgaacu..... 1
 Gi3_21442085_x428.....gugggaacacggggugccgaUc.....
 1
 Gi3_21442941_x428.....uUggaacacggggugccga.....
 1
 Gi5_5809746_x427.....Gacacggggugccgaacu..... 1
 Gi5_5810600_x427.....Uucgugggaacacggggugccgaacu..... 1
 Gi3_21454905_x426.....Ggugggaacacggggugccgaac.....
 1
 Gi2_6960982_x425.....aucggGgacgucgugggaacacg..... 1
 Gi3_21464696_x425.....gggaacacggggugccgaCcu.....
 1
 Gi3_21470210_x424.....gugggaacacggggugccgGacu.....
 1

Gi1a_4115331_x422.....Ugaacacggggugccgaacu..... 1
 Gi3_21495525_x420.....gugggaacacggggugUcgaacu.....
 1
 Gi2_6981692_x419.....cggagacgucgugggaacacggggu..... 0
 Gi2_6981273_x419.....cgugggaacacggggugccgaCcu..... 1
 Gi3_21532298_x416.....gugggaacacggUgugccgaacu.....
 1
 Gi3_21552587_x413.....gCgggaacacggggugccgaac.....
 1
 Gi3_21566190_x411.....gggaacacNgggugccgaacu.....
 1
 Gi2_7023165_x410.....gugggaacacggggugccgaCcu..... 1
 Gi3_21576442_x409.....cguAggaacacggggugccgaacu.....
 1
 Gi3_21578892_x408.....gugggaacacgAggugccgaacu.....
 1
 Gi3_21593951_x405.....cggagacgucgugggaacacg.....
 0
 Gi1_2710911_x404.....aucggagacgucgugggaacacg..... 0
 Gi3_21620582_x402.....cgucgugggaacacggggugccgaa.....
 0
 Gi3_21647373_x398.....ucggagacgucgugggaacacggggu.....
 0
 Gi3_21658497_x397.....gugggaacacggAgugccgaacu.....
 1
 Gi3_21665630_x396.....gugggaacacggggugccgaGc.....
 1
 Gi5_5858005_x396.....gugggaacacggggGgccgaacu..... 1
 Gi3_21683787_x393.....Cugggaacacggggugcc.....
 1
 Gi5_5865493_x392.....cgGgggaacacggggugccgaacu..... 1
 Gi5_5879505_x385.....cgCgggaacacggggugccgaacu..... 1
 Gi1a_4189285_x379.....ugggaacacggggugccgaacA..... 1
 Gi3_21813581_x374.....gugggaacacggggCgccgaac.....
 1
 Gi3_21813955_x374.....gaacacggggugccgGacu.....
 1
 Gi5_5898479_x374.....cgugggaacacggggugcc..... 0
 Gi2_7156442_x374.....cgugggGacacggggugccgaacu..... 1
 Gi2_7160930_x373.....gggaacacggggugccga..... 0
 Gi1_2746579_x371.....cgugggaacacggggugccgaac..... 0
 Gi3_21839642_x370.....gugggaacacggggGgccgaac.....
 1
 Gi3_21844450_x369.....cggagacgucgugggaacacggg.....
 0
 Gi3_21848878_x369.....cgugggaacacgUggugccgaacu.....
 1

Gi3_21875321_x366.....cgugAgaacacggggugccgaacu.....
 1
 Gi3_21878975_x365.....guggAaacacggggugccgaacu.....
 1
 Gi3_21886627_x364.....ggUacacggggugccgaacu.....
 1
 Gi5_5912906_x363.....gugggGacacggggugccgaacu..... 1
 Gi3_21890988_x363.....aacacggggGgccgaacu.....
 1
 Gi2_7209198_x363.....gAgggaacacggggugccgaacu..... 1
 Gi3_21888810_x363.....agacgucgugggaacacggggugcc.....
 0
 Gi1_2755728_x362.....gugggaacacggggugccgaacuu..... 0
 Gi2_7227600_x359.....aucggagacgucguggga..... 0
 Gi3_21920229_x359.....ggagacgucgugggaacacg.....
 0
 Gi1_2760408_x359.....gUgaacacggggugccgaacu..... 1
 Gi2_7231906_x358.....cgugggaacacggggugccgaGcu..... 1
 Gi3_21924892_x358.....gugggaaUacggggugccgaacu.....
 1
 Gi1_2762199_x357.....gUaacacggggugccgaacu..... 1
 Gi3_21936329_x357.....Agugggaacacggggugccgaacu.....
 1
 Gi2_7246532_x355.....ggGgacgucgugggaacacggggugc..... 1
 Gi3_21945230_x355.....gacgucgugggaacacgggggu.....
 0
 Gi3_21947005_x355.....cUugggaacacggggugcc.....
 1
 Gi3_21950908_x354.....gagacgucgugggaacacggggugccgaacu.....
 0
 Gi1_2765402_x354.....cgucgugggaacacggggugcc..... 0
 Gi3_21959043_x353.....ugggaacacggggugccgCac.....
 1
 Gi2_7257846_x352.....gugggaacacAgggugccgaacu..... 1
 Gi2_7262421_x351.....Gcgugggaacacggggugccgaacu..... 1
 Gi1_2768927_x350.....gucgugggaacacggggugcc..... 0
 Gi5_5957529_x345.....ugggaacacggggugccgCacu..... 1
 Gi3_22045930_x341.....ucgugggaacacggggugccgaa.....
 0
 Gi5_5971873_x338.....gGacacggggugccgaacu..... 1
 Gi3_22074093_x337.....gugggGacacggggugccgaac.....
 1
 Gi5_5975582_x336.....gCgggaacacggggugccgaacu..... 1
 Gi2_7332098_x336.....Ugugggaacacggggugccgaacu..... 1
 Gi3_22078811_x336.....gacgucgugggaacacggggugccgaacA.....
 1
 Gi1_2782276_x335.....cgugggaacacggggugccga..... 0

Gi5_5979277_x335.....ugggaacaNggggugccgaacu..... 1
 Gi2_7335117_x335.....cgugggaGcacggggugccgaacu..... 1
 Gi3_22101607_x334.....Agaacacggggugccgaacu.....
 1
 Gi5_5986971_x333.....gugggaacacggggCgcccgaacu..... 1
 Gi5_5988969_x333.....cgugggaacacggggugccgaGcu..... 1
 Gi1_2785611_x332.....ggagacgucgugggaacacggggugcc..... 0
 Gi5_5992293_x332.....Cugggaacacggggugccgaacu..... 1
 Gi3_22111938_x332...cgaucggagacgucgugggaacacg.....
 0
 Gi3_22123215_x331.....Agaacacggggugccgaac.....
 1
 Gi3_22148239_x328.....ggaacacgNggugccgaac.....
 1
 Gi1_2787918_x328.....gCgggaacacggggugccg..... 1
 Gi2_7368916_x327.....gUgaacacggggugccgaac..... 1
 Gi2_7373163_x326.....cgAgggaacacggggugccgaacu..... 1
 Gi5_6006792_x326.....gucgugggaacacggggugccgaac..... 0
 Gi3_22168136_x325.....gaacacAgggugccgaacu.....
 1
 Gi2_7381942_x324.....guAgggaacacggggugccgaacu..... 1
 Gi5_6014257_x323.....cUucgugggaacacggggugccgaacu..... 1
 Gi1_2795056_x322.....aucggagacgucgCgggaacacgg..... 1
 Gi1_2797301_x319.....acgucgugggaacacggggugcc..... 0
 Gi2_7410220_x318...gaucggagacgucgugggaacacggggug..... 0
 Gi3_22222813_x318.....aacGcggggugccgaacu.....
 1
 Gi1_2797939_x318.....ugggaacacggggugccgaacA..... 1
 Gi5_6024830_x317.....guUggaacacggggugccgaacu..... 1
 Gi2_7417202_x317...aucggagacgucgugggaacacgg..... 0
 Gi3_22243432_x316.....aacacggggugccgaGcu.....
 1
 Gi3_22254787_x315.....cUugggaacacggggugccga.....
 1
 Gi2_7432954_x313.....gGgacgucgugggaacacggggugcc..... 1
 Gi3_22285171_x311.....guUggaacacggggugccgaac.....
 1
 Gi4_321304_x310.....ugggaacacggggugccgaacu..... 0
 Gi3_22299763_x309...cgaucggagacgucguggg.....
 0
 Gi2_7449127_x309.....gacgucgugggaacacggggugccg..... 0
 Gi3_22309644_x308.....ugggGacacggggugccgaacu.....
 1
 Gi2_7456834_x308.....cggGgacgucgugggaacac..... 1
 Gi3_22318255_x307.....gggaacacggggugccgaaA.....
 1

Gi3_22317027_x307.....gacgucgugggaacacggggugccg.....
 0
 Gi5_6054155_x307.....gugggaacacggggugccgaGcu..... 1
 Gi2_7460519_x307.....gGgggaacacggggugccg..... 1
 Gi3_22329900_x306.....cgugggaacacgAggugccgaacu.....
 1
 Gi2_7465729_x306.....cgugggaacacggggCgccgaacu..... 1
 Gi2_7477315_x304.....ucggagacgucgugggaaca..... 0
 Gi3_22354863_x303.....Uggaacacggggugccgaa.....
 1
 Gi3_22349712_x303.....ggaacacggggugccgCacu.....
 1
 Gi3_22384377_x300.....ggaacacggggugccgCac.....
 1
 Gi3_22378677_x300.....ugggaGcacggggugccgaacu.....
 1
 Gi5_6073549_x299.....cgucgugggaacacggggugccgaacA..... 1
 Gi2_7521375_x295.....Uugggaacacggggugccgaa..... 1
 Gi3_22447160_x293.....gaacacggggugccAaacu.....
 1
 Gi3_22441300_x293.....gucgugggaacacggggugc.....
 0
 Gi2_7536057_x292.....gugggaacacggggugcUgaacu..... 1
 Gi3_22461473_x291.....ggUacacggggugccgaac.....
 1
 Gi2_7543054_x291...cgaucggagacgucgugg..... 0
 Gi3_22467875_x291.....ugggaacacggggCgccgaacu.....
 1
 Gi3_22478029_x290.....ggaacacggggCgccgaacu.....
 1
 Gi5_6101490_x290.....ucggagacgucgugggaacacg..... 0
 Gi2_7548566_x289.....Agaacacggggugccgaac..... 1
 Gi2_7556077_x288.....ggGgacgucgugggaaca..... 1
 Gi3_22500808_x287.....uCggaacacggggugccgaacu.....
 1
 Gi3_22522274_x285.....gugggaacGcggggugccgaac.....
 1
 Gi3_22526264_x284.....cgugggaaUacggggugccgaacu.....
 1
 Gi2_7580393_x284...gaucggagacgucgugggaacacggggugcc..... 0
 Gi3_22534784_x284...gaucggagacgucgugggaacacggggugc.....
 0
 Gi3_22547230_x282.....cUucgugggaacacggggugcc.....
 1
 Gi1_2845298_x281.....Gcgugggaacacggggugccgaacu..... 1
 Gi2_7605185_x280.....ugggaacacggggugccgCacu..... 1

Gi3_22562991_x280....gaucggagacgucgugggaacacggggugcc.....
 0
 Gi5_6138683_x279.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi2_7608536_x279.....aucggGgacgucgugggaacacggggugcc..... 1
 Gi3_22579204_x279.....ugggaacGcggggugccgaacu.....
 1
 Gi3_22583102_x278.....aacacggggugccGacu.....
 1
 Gi3_22611622_x276.....ugggaacNggggugccgaac.....
 1
 Gi3_22607482_x276.....gugggaacacggggAgccgaacu.....
 1
 Gi2_7635117_x275.....cUucgugggaacacggggugccgaacu..... 1
 Gi2_7632642_x275.....cgugUgaacacggggugccgaacu..... 1
 Gi3_22620429_x275.....gugggaacacgggAugccgaacu.....
 1
 Gi1_2854984_x274.....Caacacggggugccgaacu..... 1
 Gi3_22626184_x274.....cgugggaCcacggggugccgaacu.....
 1
 Gi2_7641697_x274.....gucgugggaacacggggugccga..... 0
 Gi1_2853614_x274.....ucggagacgucgugggaacacg..... 0
 Gi3_22634390_x273.....gagacgucgugggaacacggggugccgaac.....
 0
 Gi2_7642791_x273.....ucggagacgucgugggaacacggggugcc..... 0
 Gi2_7655585_x271.....cgugggaacGcggggugccgaacu..... 1
 Gi5_6167436_x269.....Uggaacacggggugccgaac..... 1
 Gi3_22677752_x269.....cgugggaacacggggUaccgaacu.....
 1
 Gi3_22672641_x269.....gugggaaAacggggugccgaacu.....
 1
 Gi3_22673179_x269.....gugggaacacggggugccGac.....
 1
 Gi2_7667997_x269.....aucggGgacgucgugggaacacggggg..... 1
 Gi2_7676042_x267.....gacgucgugggaacacggggg..... 0
 Gi5_6173063_x267.....gugggaacGcggggugccgaacu..... 1
 Gi3_22694116_x267.....gugggaacacggggugccgaacG.....
 1
 Gl1a_4420290_x267.....gUaacacggggugccgaacu..... 1
 Gi2_7691476_x265.....gacgucgugggaacacggggugc..... 0
 Gi5_6184234_x264.....cgugggGacacggggugccgaacu..... 1
 Gi2_7699399_x263.....ucggagacgucgugggaacacggggugc..... 0
 Gi5_6193187_x262.....gugggaGcacggggugccgaacu..... 1
 Gi5_6197633_x261.....acgucgugggaacacggggugccgaac..... 0
 Gi5_6196067_x261.....cgugggaacacggggugccGacu..... 1
 Gi5_6197111_x261.....Ugugggaacacggggugccgaacu..... 1
 Gi2_7719813_x260.....aucggGgacgucgugggaa..... 1

Gi3_22783220_x259.....acacggggugccgaacuu.....
 0
 Gi2_7724223_x259.....gGgacgucgugggaacacggggugc..... 1
 Gi2_7727071_x258.....ggaacacgNggugccgaacu..... 1
 Gi2_7734292_x257.....cUugggaacacggggugcc..... 1
 Gi3_22807163_x256.....cgugggaaNacggggugccgaac.....
 1
 Gi3_22809979_x256.....gGcgugggaacacggggugccgaac.....
 1
 Gi2_7744291_x255....gaucggagacgucgugggaacacgggg..... 0
 Gi1_2887914_x255.....cgugggaacacggggugccg..... 0
 Gi5_6223644_x254.....cgucgugggaacacggggugccgaac..... 0
 Gi2_7753201_x254.....ugggaacaNggggugccgaacu..... 1
 Gi3_22833935_x254.....ugUgaacacggggugccgaacu.....
 1
 Gi3_22843812_x253.....gugggUacacggggugccgaacu.....
 1
 Gi3_22846342_x253.....Aucgugggaacacggggugccgaacu.....
 1
 Gi1_2892483_x252.....cgCgggaacacggggugcc..... 1
 Gi1_2893239_x252.....gugggaacacggggugccga..... 0
 Gi3_22872752_x250.....ggaacacggggCgccgaac.....
 1
 Gi3_22871752_x250.....gaacacggggugcUgaacu.....
 1
 G1a_4464036_x249.....cUugggaacacggggugccgaacu..... 1
 Gi5_6242757_x249.....gGgggaacacggggugccgaac..... 1
 Gi2_7783342_x249....aucggGgacgucgugggaacacgg..... 1
 Gi5_6240516_x249.....cgAgggaacacggggugccgaacu..... 1
 Gi2_7790041_x248.....cCugggaacacggggugccgaacu..... 1
 Gi2_7787561_x248.....uUggaacacggggugccgaac..... 1
 Gi3_22906604_x248.....Uacgucgugggaacacggggugccgaacu.....
 1
 G1a_4469990_x247.....ggaacacggggugccgaacA..... 1
 Gi1_2904701_x246.....aGcacggggugccgaacu..... 1
 Gi3_22922900_x246.....gugggaacacggggugccgUacu.....
 1
 Gi1_2906915_x246.....ggagacgucgugggaacacggggugccg..... 0
 Gi2_7804100_x246.....aGcacggggugccgaacu..... 1
 Gi3_22939106_x245....Uaucggagacgucgugggaacacggg.....
 1
 G1a_4475643_x245.....gugggaacacggggugccg..... 0
 Gi3_22937146_x245.....ugggaacacggggugccgU.....
 1
 Gi3_22952543_x244.....acgucgugggaacacggg.....
 0
 Gi5_6261217_x244.....aacacgggNugccgaacu..... 1

Gi2_7809735_x244.....gagacgucguggaacacggggugcc..... 0
 Gi1_2912295_x243.....uggaacacggggugccgaacu..... 0
 Gi1_2915203_x242.....aucggagacgucguggaacacggggugcc..... 0
 Gi2_7823837_x242.....aucggagacgucguggaacacgggg..... 0
 Gi3_22973653_x242.....cguggaacacggggugUcgaacu.....
 1
 Gi3_22984514_x241.....gggaacacggggugccgCacu.....
 1
 Gi2_7833252_x241.....guggaacacggggugccAaacu..... 1
 Gi3_22993410_x240.....cgggagacgucguggaacac.....
 0
 G1a_4487024_x239.....aucggagacgucgugga..... 0
 Gi2_7844045_x239.....gggaacacNgggugccgaacu..... 1
 Gi2_7842372_x239.....gugggaacaUggggugccgaacu..... 1
 Gi3_23001553_x239.....aaAacggggugccgaacu.....
 1
 Gi3_23016100_x238.....gugggaacCggggugccgaac.....
 1
 Gi3_23014672_x238.....cUugggaacacggggugc.....
 1
 Gi2_7851431_x238.....gugggaacacggggugccgGacu..... 1
 Gi3_23020146_x238.....guggUaacacggggugccgaac.....
 1
 Gi2_7863743_x236.....ggaGcacggggugccgaacu..... 1
 Gi5_6293819_x236.....gucguggaacacggggugccgaacA..... 1
 Gi3_23037682_x236.....gugggaacacggggugcAgaacu.....
 1
 Gi1_2930002_x235.....cguggaacacggggugccgaacu..... 0
 Gi3_23052298_x235.....uggaacacggggugccgaGcu.....
 1
 Gi3_23053003_x235.....cguggaacacggggugccgaacG.....
 1
 Gi2_7867979_x235.....gucguggaacacggggugccgaacA..... 1
 Gi5_6300402_x234.....guggaacCcgggugccgaacu..... 1
 Gi3_23060757_x234.....uGguggaacacggggugccgaacu.....
 1
 Gi5_6302507_x233.....cguggaacacggggugc..... 0
 Gi1_2932108_x233.....Gggaacacggggugccgaacu..... 1
 Gi3_23080620_x233.....ggUaacacggggugccgaacu.....
 1
 Gi3_23082717_x233.....uUggaacacggggugccg.....
 1
 G1a_4505245_x233.....ggaacacggggugccgaac..... 0
 Gi1_2934434_x232.....gucguggaacacggggugccgaacA..... 1
 Gi1_2934666_x232.....acgucgCgggaacacggggugccgaacu..... 1
 Gi2_7893605_x231.....gGcguggaacacggggugccgaacu..... 1

Gi3_23118110_x230.....gggaacacNgggugccgaac.....
 1
 Gi3_23113050_x230.....cgugggaacacggggugccgaaAu.....
 1
 Gi3_23136914_x229.....gaacacggggugccgaacuu.....
 0
 Gi2_7917898_x227...cgaucggagacgucgugggaacacggg..... 0
 Gi3_23178388_x225....aGcgggagacgucgugggaacacg.....
 1
 Gi1_2949311_x225.....gaacacggggugccgaac..... 0
 Gi5_6336932_x225.....guggUaacacggggugccgaacu..... 1
 Gi3_23192755_x224.....cgggagacgucgugggaacacgggg.....
 0
 Gi3_23201914_x223.....gugggaacacggggGgcc.....
 1
 G1a_4530999_x223.....cgugggaacacggggugc..... 0
 Gi2_7955244_x223.....gugggaacacggUgugccgaacu..... 1
 Gi5_6353490_x222.....cgugggaacacggggCgccgaacu..... 1
 Gi3_23225485_x222....ucgggagacgucgugggaacacggg.....
 0
 G1a_4536999_x221.....Uggaacacggggugccgaacu..... 1
 Gi2_7967227_x221.....gGgggaacacggggugccga..... 1
 Gi2_7968332_x221.....cgugggaacacggggugcUga..... 1
 Gi3_23230130_x221.....gggagacgucgugggaacacggggugccg.....
 0
 Gi3_23235655_x221....aGcgggagacgucgugggaacacggg.....
 1
 Gi3_23251068_x220.....Gcgugggaacacggggugccgaac.....
 1
 Gi3_23244688_x220.....gugggaGcacggggugccgaac.....
 1
 Gi3_23245788_x220.....ggaGcacggggugccgaacu.....
 1
 Gi3_23256763_x219.....gugggaCcacggggugccgaacu.....
 1
 Gi5_6370944_x219.....gaacacggNgugccgaacu..... 1
 Gi2_7983941_x219.....aacacggggugccgaGcu..... 1
 Gi2_7983284_x219.....Agaacacggggugccgaacu..... 1
 Gi3_23276622_x217.....gagacgucgugggaacacggggg.....
 0
 Gi2_7993097_x217.....ggGgacgucgugggaacacg..... 1
 Gi2_8005442_x216.....gGacacggggugccgaacu..... 1
 G1a_4550990_x216.....gugggaacacggggugccgaacA..... 1
 Gi5_6392467_x216.....cgucgugggaacacggggugc..... 0
 Gi3_23326407_x214.....gugggaacacggggugccgaaUu.....
 1
 Gi4_350396_x213.....gugggaacacggggugccgaa..... 0

Gi1_2979521_x213.....aucggagacgucgugggaacacggggu..... 0
 Gi3_23348767_x212.....cgugggaacacggAgugccgaacu.....
 1
 Gi3_23345587_x212.....cgugggUacacggggugccgaacu.....
 1
 Gi5_6416161_x211.....cgugUgaacacggggugccgaacu..... 1
 Gi1_2982062_x211.....gggaacacggggugccgaacuu..... 0
 Gi3_23363588_x211.....gugggaacacggggugccgaCc.....
 1
 Gi2_8043172_x211.....gugggaacacggggUaccgaacu..... 1
 Gi3_23382537_x210.....gugggaacaUggggugcc.....
 1
 Gi2_8052213_x210.....gagacgucgugggaacacggggugc..... 0
 Gi2_8058071_x209.....ucgugggaacacggggugccgaa..... 0
 Gi5_6424997_x209.....aucggagacgucgugggaacacggg..... 0
 Gi2_8068484_x208.....ggGgacgucgugggaacacggggu..... 1
 Gi1_2988772_x208.....cgucgCgggaacacggggugcc..... 1
 Gi3_23404915_x208.....ucgugggaacacggggugccga.....
 0
 Gi2_8067652_x208.....gugggaacacgAgggugccgaacu..... 1
 Gi2_8075951_x207.....cgucgugggaacacggg..... 0
 Gi3_23420689_x207.....gggaacacggggCgccgaacu.....
 1
 Gi3_23429590_x206.....agacgucgugggaacacggg.....
 0
 Gi3_23442975_x205.....Ugaacacggggugccgaa.....
 1
 Gi3_23444820_x205.....gAgggaacacggggugccgaac.....
 1
 Gi1_2997669_x205.....cggagacgucgugggaacacggggugcc..... 0
 Gi3_23459966_x204.....Ggggaacacggggugccgaa.....
 1
 Gi2_8098395_x204.....gugAgaacacggggugccgaacu..... 1
 Gi2_8107965_x203.....gucgugggaacacggggugccg..... 0
 Gi3_23467508_x203.....Ggggaacacggggugccga.....
 1
 Gi3_23466899_x203.....gggaGcacggggugccgaacu.....
 1
 Gi3_23477049_x203....Uaucggagacgucgugggaacacggggu.....
 1
 Gi1_3004409_x203.....cgugggaacacggggugccgaacA..... 1
 Gi3_23488784_x202.....gaacacggAgugccgaacu.....
 1
 Gi3_23493632_x202.....cggagacgucgugggaacacggggugccga.....
 0
 Gi5_6470819_x202.....aacacggggCgccgaacu..... 1
 Gi2_8120901_x201.....guggAaacacggggugccgaacu..... 1

Gi3_23502492_x201.....ucgugggaacacggggugcc.....
 0
 Gi3_23523331_x200.....cgugggaacacggggugccgaaUu.....
 1
 Gi2_8132932_x200.....cgugggaaUacggggugccgaacu..... 1
 Gi3_23518931_x200.....cgGgggaacacggggugccgaac.....
 1
 G1a_4602587_x199.....uUggaacacggggugccgaacu..... 1
 Gi2_8142888_x198.....ggUacacggggugccgaacu..... 1
 Gi2_8150412_x198.....ucgugggaacacggggugc..... 0
 Gi3_23558821_x197.....gAaacacggggugccgaacu.....
 1
 Gi3_23564928_x197.....gggGacacggggugccgaacu.....
 1
 Gi5_6495719_x197.....cgugggaacacggggugccgaCcu..... 1
 Gi3_23579069_x196.....Aggaacacggggugccgaac.....
 1
 Gi3_23605197_x194.....acgucgugggaacacggggugccg.....
 0
 Gi5_6521848_x193.....guAggaacacggggugccgaacu..... 1
 Gi2_8199875_x192.....cAugggaacacggggugccgaacu..... 1
 Gi3_23638576_x192.....gUgaacacggggugccgaa.....
 1
 Gi2_8200451_x192.....gugggaaAacggggugccgaacu..... 1
 Gi2_8202747_x191.....gagacgucgugggaacacggggugccg..... 0
 Gi3_23646609_x191.....cguggAaacacggggugccgaacu.....
 1
 Gi1_3035987_x191.....cUucgugggaacacggggugccgaacu..... 1
 Gi1_3038462_x190.....gGacacggggugccgaacu..... 1
 Gi3_23659185_x190.....gugggaacacggggugccAaac.....
 1
 Gi3_23677007_x189...cgaucggagacgucgugg.....
 0
 Gi2_8225558_x189.....gacgucgugggaacacggggugccgaac..... 0
 Gi3_23680787_x189.....guAggaacacggggugccgaac.....
 1
 Gi1_3042249_x188.....acgucgugggaacacggggugccg..... 0
 Gi3_23712512_x187.....gugggaacacAgggugccgaac.....
 1
 Gi4_363236_x187.....ucgugggaacacggggugccgaacu..... 0
 Gi1_3045436_x187.....Uucgugggaacacggggugccgaacu..... 1
 Gi2_8238546_x187.....ggagacgucgugggaacacggggug..... 0
 Gi3_23717926_x186.....cgCgggaacacggggugccgaac.....
 1
 Gi5_6562038_x186.....Ugaacacggggugccgaac..... 1
 Gi2_8248078_x186.....gugggaacacggAgugccgaacu..... 1
 G1a_4647473_x186...cgaucggagacgucgugg..... 0

Gi2_8265331_x185.....gagacgucguggaacacggggug..... 0
 Gi3_23738900_x185.....gugggaacacggggugccgaaA.....
 1
 Gi1_3053794_x185.....aucggagacgucgCgggaacacg..... 1
 Gi3_23752161_x184.....gaacacggggguAccgaacu.....
 1
 Gi3_23745169_x184.....gCgaacacggggugccgaacu.....
 1
 Gi3_23758969_x184....gaucggagacgucguggaac.....
 0
 Gi5_6582202_x184.....ugggaacacggggugccgaacuu..... 0
 Gi2_8267916_x184.....gugggaacacggggugccgaacuu..... 0
 Gi2_8278387_x183.....ugggaacacggggugccgaacuu..... 0
 Gi5_6588611_x183.....gAgggaacacggggugccgaacu..... 1
 Gi3_23763182_x183.....gugggaacacggggugccgaU.....
 1
 G1a_4660908_x182.....gucguggaacacggggugccgaacu..... 0
 Gi5_6597354_x181.....agacgucguggaacacggggugccgaac..... 0
 Gi3_23800118_x181.....cUugggaacacggggugccgaa.....
 1
 Gi3_23790706_x181.....ugggaacacAgggugccgaacu.....
 1
 Gi3_23795955_x181.....cgugggaacacggggGgccgaacu.....
 1
 G1a_4664176_x181....gaucggagacgucguggaacacggg..... 0
 Gi3_23791973_x181.....Cgaacacggggugccgaac.....
 1
 Gi3_23791611_x181.....cUucguggaacacggggugccgaac.....
 1
 Gi5_6604946_x180.....ugggaacacggggugccgaacuA..... 1
 Gi3_23807333_x180.....gaacaUggggugccgaacu.....
 1
 Gi3_23809853_x180.....gggaacacggggGgccgaacu.....
 1
 Gi5_6616796_x179cugcgaucggagacgucgA..... 1
 Gi2_8311368_x179.....gggaacacggggugccgaCcu..... 1
 Gi3_23843822_x178.....gggaacacggggugccgaGcu.....
 1
 Gi5_6624636_x178....aucggagacgucguggaacacggggugc..... 0
 Gi3_23836346_x178.....cgugggaacacggggugccgGacu.....
 1
 Gi5_6622500_x178.....cgugggaGcacggggugccgaacu..... 1
 Gi3_23843110_x178.....aacacAgggugccgaacu.....
 1
 Gi2_8316379_x178.....ggaacacggggugccgCacu..... 1
 Gi3_23862248_x177.....cUugggaacacggggugccg.....
 1

Gi1_3077791_x177.....gaacaUggggugccgaacu..... 1
 Gi3_23848973_x177.....cgugggaacacggggugcAgaacu.....
 1
 Gi3_23873169_x176.....gugggaacacggggugccgGac.....
 1
 Gi3_23874753_x176.....gaaUacggggugccgaacu.....
 1
 Gi1_3079561_x176.....ucgugggaacacggggugc..... 0
 Gi3_23866657_x176.....gggaacGcggggugccgaacu.....
 1
 Gi2_8337988_x176.....Ugagacgucgugggaacacggggugcc..... 1
 Gi2_8348332_x175.....ggagacgucgugggaacac..... 0
 Gi3_23881427_x175.....gaacacggggGgccgaacu.....
 1
 Gi3_23885102_x175.....cgugggaacacggggugccgCac.....
 1
 Gi2_8343432_x175.....Aggaacacggggugccgaacu..... 1
 Gi1_3086232_x175.....Gacacggggugccgaacu..... 1
 Gi5_6641405_x175.....Aaacacggggugccgaacu..... 1
 Gi5_6642805_x175.....cgugggaacGcggggugccgaacu..... 1
 Gi2_8346057_x175.....cgugggaacacAgggugccgaacu..... 1
 Gi3_23905164_x174.....ugggaacacggggugcUgaacu.....
 1
 Gi5_6653442_x174.....aacacggggugccgaGcu..... 1
 Gi3_23900640_x174.....aGcgggagacgucgugggaacacggggg.....
 1
 Gi3_23913853_x173.....cgugggaacacggggugccgaUc.....
 1
 Gi2_8368473_x173.....gugggaaUacggggugccgaacu..... 1
 Gi3_23917659_x173.....gugggaacacggggugAcgaacu.....
 1
 Gi1_3091278_x173.....ugggaacacggggugccga..... 0
 Gi5_6661059_x173.....uUggaacacggggugccgaac..... 1
 Gi3_23936463_x172.....ggagacgucgugggaacacggggugccgaacu.....
 0
 Gi5_6665194_x172.....gugggaacacAgggugccgaacu..... 1
 G1a_4693658_x172.....ucgugggaacacggggugccgaacu..... 0
 Gi5_6668462_x172.....cCugggaacacggggugccgaacu..... 1
 Gi1_3095076_x172.....ucgugggaacacggggugccga..... 0
 Gi2_8386146_x171.....ggGgacgucgugggaacacggg..... 1
 Gi3_23948989_x171.....gucgugggaacacggggugccgaa.....
 0
 Gi5_6671547_x171.....acgucgugggaacacggggugccgaacA..... 1
 G1a_4699299_x170.....gggaacacggggugccgaacA..... 1
 Gi3_23965713_x170.....gaacacggggugUcgaacu.....
 1
 Gi5_6679067_x170.....gaUcacggggugccgaacu..... 1

Gi3_23971493_x170.....ucggagacgucgugggaaca.....
 0
 Gi3_23993496_x169.....gugggaacNcggggugcc.....
 1
 Gi3_23991806_x169.....gagacgucgugggaacacggggugccg.....
 0
 Gi3_23995524_x169.....Gucggagacgucgugggaacacg.....
 1
 Gi2_8407000_x168....Uaucggagacgucgugggaacacggggu..... 1
 Gi5_6698334_x168.....gUaacacggggugccgaac..... 1
 Gi2_8417048_x167.....cggGgacgucgugggaacacggg..... 1
 Gi1_3109978_x167.....cgCgggaacacggggugccga..... 1
 Gi3_24023497_x167.....gggaacacggggugccgaCc.....
 1
 Gi5_6701015_x167.ugcgaucggagacgucguggg..... 0
 Gi3_24017819_x167.....ggaacGcggggugccgaacu.....
 1
 Gi2_8414376_x167.....Gacacggggugccgaacu..... 1
 Gi3_24053806_x165.....gugggaacacggggugccgaaAu.....
 1
 Gi3_24051496_x165.....gugggaacacggggugccgaacuA.....
 1
 Gi5_6725660_x164.....gugggaacacggggugccgCacu..... 1
 Gi2_8455644_x163.....agacgucgugggaacacggggugccg..... 0
 Gi2_8468799_x162.....cUgagacgucgugggaacacggggugcc..... 1
 Gi5_6740006_x162.....cgucgugggaacacggggugccga..... 0
 Gi1_3133296_x161.....cgugggaacacggggugccgU..... 1
 Gi1_3133457_x161.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi3_24103978_x161.....acgucgugggaacacggggugccga.....
 0
 Gi3_24103817_x161.....gggaacacgggUugccgaacu.....
 1
 Gi1_3136516_x161.....aucggagacgucgugggaacacgg..... 0
 Gi1_3140198_x160.....ucgugggaacacggggugccgaacA..... 1
 Gi3_24128212_x160.....gucgugggaacacggggguA.....
 1
 Gi1_3138118_x160.....cgCgggaacacggggugc..... 1
 Gi3_24120212_x160.....cgugggaacacggggugccgUacu.....
 1
 Gi3_24117172_x160.....agacgucgugggaacacggggugccga.....
 0
 Gi2_8496818_x159.....cgugggaacacgUggugccgaacu..... 1
 Gi2_8492525_x159.....cgucgugggaacacggggugccgaa..... 0
 Gi3_24140486_x159.....aacacggggAgccgaacu.....
 1
 Gi3_24147800_x159.....gaacacggggAgccgaacu.....
 1

Gi3_24153188_x158.....gugggaacacggggugcUgaac.....
 1
 Gi2_8501089_x158.....Uacgucgugggaacacggggugccgaacu..... 1
 Gi3_24155874_x158.....Augggaacacggggugcc.....
 1
 Gi1_3147341_x158.....aucggagacgucgugggaacacggggugc..... 0
 Gi1_3146551_x158.....ucgugggaacacggggugccg..... 0
 Gi2_8512749_x157.....gugggaacNcggggugccgaac..... 1
 Gi3_24173187_x157.....gagacgucgugggaacac.....
 0
 Gi5_6784945_x157.....gugggaacacggggugccgaCcu..... 1
 Gi2_8525884_x156.....cggGgacgucgugggaacacggggugcc..... 1
 Gi2_8518084_x156.....aacacgggNugccgaacu..... 1
 Gi4_380000_x156.....acgucgugggaacacggggugccgaacu..... 0
 Gi3_24179914_x156.....gAgaacacggggugccgaacu.....
 1
 Gi3_24183814_x156.....Agggaacacggggugccgaacu.....
 1
 Gi5_6786980_x156.....aUcacggggugccgaacu..... 1
 Gi3_24205432_x155.....ucgugggaNcacggggugccgaacu.....
 1
 Gi3_24219943_x154.....Uacacggggugccgaacu.....
 1
 Gi5_6806050_x154.ugcgaucggagacgucgugga..... 0
 Gi3_24218865_x154.....ugggaacacggggugccAaacu.....
 1
 G1a_4751489_x154...gaucggagacgucgugggaacacggggg..... 0
 Gi3_24221021_x154.....Ugugggaacacggggugccgaac.....
 1
 Gi3_24221175_x154.....ucggagacgucgugggaacac.....
 0
 Gi3_24215169_x154.....ucgugUgaacacggggugccgaacu.....
 1
 Gi3_24212397_x154.....gagacgucgugggaacacg.....
 0
 Gi3_24229013_x153.....gggaacacggggugccgaacuu.....
 0
 Gi5_6811577_x153.....gGcgugggaacacggggugccgaacu..... 1
 Gi2_8565872_x152.....aucggGgacgucguggga..... 1
 Gi3_24240636_x152.....gacgucgugggaacacgg.....
 0
 Gi3_24252340_x152...gaucggagacgucgugggaaca.....
 0
 Gi3_24251124_x152.....ggGacacggggugccgaacu.....
 1
 Gi3_24241700_x152.....aacacggggugccgCacu.....
 1

Gi1_3172630_x151.....Ggugggaacacggggugccgaacu..... 1
 Gi2_8583082_x150....gaucggagacgucgugggaac..... 0
 Gi5_6838384_x150....aucggagacgucgugggaacacgggg..... 0
 Gi3_24287758_x150.....Uacgucgugggaacacggggugccgaac.....
 1
 Gi5_6836284_x150.....uGgugggaacacggggugccgaacu..... 1
 Gi3_24287008_x150....gaucggagacgucguggg.....
 0
 Gi3_24285808_x150.....gugggCacacggggugccgaacu.....
 1
 Gi2_8589668_x149.....cgugAgaacacggggugccgaacu..... 1
 Gi5_6845857_x149.....gaacacggggCgccgaacu..... 1
 Gi3_24294029_x149.....cgugggaacCcgggugccgaacu.....
 1
 Gi3_24302224_x149.....gugggaacacggggUAccgaac.....
 1
 Gi4_383349_x149.....gggaacacggggugccgaacu..... 0
 Gi3_24311710_x148.....ucgugggaacacggggugccgCacu.....
 1
 Gi2_8599786_x148.....cgucgugggaacacggggug..... 0
 Gi2_8606742_x148.....gugggaacacggggugUcgaacu..... 1
 Gi5_6862596_x147.....cAugggaacacggggugccgaacu..... 1
 Gi3_24328247_x147...cgaucggagacgucgugggaacacgggg.....
 0
 Gi2_8617342_x147.....Ggugggaacacggggugccgaac..... 1
 Gi5_6860391_x147.....cgucgugggaacacggggugcc..... 0
 Gi3_24349184_x146.....ggaacacggggugccgaGcu.....
 1
 Gi2_8625387_x146.....gugggaacacggggAgccgaacu..... 1
 Gi2_8622029_x146....aucggagacgucgugggaa..... 0
 Gi5_6883903_x145....gaucggagacgucgugggaacacgg..... 0
 Gi1_3195581_x145.....acgucgugggaacacggggugccgaacA..... 1
 Gi5_6877088_x145.....cacggggugccgaacuuu..... 0
 Gi1_3194131_x145....aucggagacgucgCgggaaca..... 1
 Gi3_24387219_x144.....ggaGcacggggugccgaac.....
 1
 Gi3_24378003_x144.....ugggGacacggggugccgaac.....
 1
 Gi1_3206809_x143.....gacgucgugggaacacggggugcc..... 0
 Gi5_6896006_x143.....ugggGacacggggugccgaacu..... 1
 Gi2_8679762_x141.....ggaacacggggCgccgaacu..... 1
 Gi3_24437223_x141.....cgugggaacacgggAugccgaacu.....
 1
 Gi2_8680326_x141.....cUugggaacacggggugc..... 1
 Gi3_24451933_x140.....gaacacgAgggugccgaacu.....
 1
 Gi1_3220917_x140.....gucgugggaacacggggugccgaac..... 0

Gi3_24447873_x140.....cgugggaacacggggugccgaGc.....
 1
 Gi3_24440593_x140.....ggaacacggggugccgaGc.....
 1
 Gi3_24481241_x138.....cgugggaacacggggugccgaacuA.....
 1
 Gi1_3228266_x138.....gugggaacacggggugccgaacAu..... 1
 Gi5_6944862_x138.....gacgucgugggaacacggggugccgaac..... 0
 G1a_4808926_x138.....aucggagacgucgugggaacacggggugc..... 0
 Gi3_24474755_x138.....cgaucggagacgucgugggaacacggg.....
 0
 Gi3_24493911_x137.....ugggaacacggggugccgGacu.....
 1
 Gi2_8724426_x137.....cgugggaacacggggugcUgaacu..... 1
 Gi2_8720316_x137.....Cgaacacggggugccgaacu..... 1
 Gi3_24498432_x137.....ggagacgucgugggaaca.....
 0
 Gi3_24511428_x136.....gCaacacggggugccgaacu.....
 1
 Gi2_8726609_x136.....Uucgugggaacacggggugcc..... 1
 Gi3_24511564_x136.....gggaacacggggugccgCac.....
 1
 Gi1_3238370_x135.....gucgugggaacacggggug..... 0
 G1a_4820247_x135.....gaucggagacgucguggga..... 0
 Gi3_24533529_x135.....ugggaacacgggUugccgaacu.....
 1
 Gi3_24532584_x135.....cgAgggaacacggggugccgaac.....
 1
 Gi2_8751502_x134.....ggGgacgucgugggaacacggggug..... 1
 Gi3_24551946_x134.....Cggaacacggggugccgaac.....
 1
 Gi2_8748554_x134.....gugggaacacggggGgccgaac..... 1
 Gi5_6976522_x134.....gaucggagacgucgugggaacacggg..... 0
 Gi3_24545112_x134.....Ggucgugggaacacggggugccgaacu.....
 1
 Gi5_6975048_x134.....Uugggaacacggggugccga..... 1
 Gi5_6974914_x134.....aucggagacgucgugggaacac..... 0
 Gi3_24557440_x134cugcgauccggagacgucg.....
 0
 Gi5_6973574_x134.....agacgucgugggaacacggggugcc..... 0
 G1a_4823877_x134.....gaucggagacgucguggg..... 0
 Gi3_24546988_x134.....guUggaacacggggugcc.....
 1
 Gi3_24591938_x132.....gugggaacacggggCgcc.....
 1
 Gi1_3251485_x132.....gaucggagacgucgugggaacac..... 0
 Gi2_8772811_x132.....ucggagacgucgugggaacacggggu..... 0

Gi2_8776771_x132.....Augggaacacggggugccgaac..... 1
 Gi2_8774263_x132.....ucggGgacgucgugggaa..... 1
 Gi5_6992079_x132.....gugggaacacgggguAccgaacu..... 1
 Gi3_24612667_x131.....ucgggagacgucgugggaacacgg.....
 0
 Gi2_8782821_x131.....cguAggaacacggggugccgaacu..... 1
 Gi2_8783607_x131.....gaucggagacgucgugggaacacgg..... 0
 Gi2_8798879_x130.....agacgucgugggaacacggggugccgaac..... 0
 Gi3_24622685_x130.....gugggaacacggggugccgaUcu.....
 1
 G1a_4837317_x130.....aucggagacgucgugggaacacggggug..... 0
 Gi5_7007422_x130.....aacacggggugccgaacuuu..... 0
 Gi2_8808449_x129.....gGgggaacacggggugccgaa..... 1
 Gi2_8811029_x129.....cUucgugggaacacggggugcc..... 1
 Gi5_7015988_x129.....uCGgaacacggggugccgaacu..... 1
 Gi5_7018439_x129.....cUugggaacacggggugccgaac..... 1
 Gi3_24632551_x129....Uaucggagacgucgugggaacacg.....
 1
 Gi3_24635002_x129.....uCGgaacacggggugccga.....
 1
 Gi3_24630745_x129.....cgggagacgucgugggaacacggggugc.....
 0
 Gi5_7021922_x129.....ggaacacgNggugccgaacu..... 1
 Gi2_8818852_x128.....cgugggaacaUggggugccgaacu..... 1
 Gi5_7025917_x128.....Agaacacggggugccgaacu..... 1
 Gi2_8816548_x128.....gGgacgucgugggaacac..... 1
 Gi3_24663904_x128.....agacgucgugggaacacggggugccgaacA.....
 1
 Gi2_8820644_x128.....cgggagacgucgugggaacac..... 0
 Gi2_8815012_x128.....Aaacacggggugccgaacu..... 1
 Gi5_7042880_x127.....gacgucgugggaacacggggugccgaacA..... 1
 Gi3_24678899_x127.....gUaacacggggugccgaa.....
 1
 Gi2_8826761_x127...cgaucggagacgucgugga..... 0
 Gi3_24672803_x127.....gggaacacgggguAccgaacu.....
 1
 Gi3_24678010_x127...gcgaucggagacgucgug.....
 0
 Gi5_7045787_x126.....Uaacacggggugccgaac..... 1
 Gi1_3276686_x126.....gacgucgCgggaacacggggu..... 1
 Gi5_7050449_x126.....ucgugggaacacggggugcc..... 0
 Gi3_24694912_x126.....gugggaacGcggggugcc.....
 1
 Gi3_24684202_x126.....ucgugggaacacggggCgccgaacu.....
 1
 Gi3_24684454_x126.....Ccugggaacacggggugccgaac.....
 1

Gi2_8843856_x126.....gugggaacacggggugcAgaacu..... 1
 Gi3_24698053_x125.....gacgucgugggaacacgggg..... 0
 Gi1_3280844_x125.....cgucgugggaacacggggugccgaacA..... 1
 Gi3_24700053_x125.....acgucgugggaacacggggugccgaa..... 0
 Gi3_24698928_x125.....cgugggCacacggggugccgaacu..... 1
 Gi2_8852512_x125.....uGgugggaacacggggugccgaacu..... 1
 Gi2_8860512_x125.....ucggGgacgucgugggaacacggggugc..... 1
 Gi1_3283969_x125.....Ugaacacggggugccgaac..... 1
 Gi5_7054093_x125.....Cgggaacacggggugccgaacu..... 1
 Gi2_8864235_x124.....aucggGgacgucgugggaacacggggug..... 1
 Gi3_24724102_x124.....cgugggaacacggggAgccgaacu..... 1
 Gi3_24728070_x124.....ggGacacggggugccgaac..... 1
 Gi3_24729310_x124.....ggaacacggggugccgaUc..... 1
 Gi2_8866467_x124....Uaucggagacgucgugggaacacggg..... 1
 Gi5_7063836_x124.....ugggaacGcggggugccgaacu..... 1
 Gi2_8861383_x124.....cgugggaacacgAggugccgaacu..... 1
 Gi5_7067804_x124.....uAggaacacggggugccgaacu..... 1
 Gi3_24741871_x123.....cgucgugggaacacggggg..... 0
 Gi5_7080021_x123.....Caacacggggugccgaacu..... 1
 Gi3_24742732_x123.....gCgggaacacggggugccgaa..... 1
 Gi3_24735598_x123.....ugAgaacacggggugccgaacu..... 1
 Gi3_24740518_x123.....gucgugggaacacggggugccgCacu..... 1
 G1a_4867154_x122.....aucggagacgucgugggaacacggggugcc..... 0
 Gi1_3294845_x122.....gaacacggggugccgaacuu..... 0
 Gi5_7086884_x122.....gaucggagacgucgugggaacac..... 0
 Gi5_7087128_x122.....gggaacacggggCgccgaacu..... 1
 Gi3_24753393_x122.....gugggaacNcggggugccga..... 1
 Gi2_8892035_x122.....ucgugggaacacggggugcc..... 0
 Gi2_8890083_x122.....cgugggaacacggggugccAaacu..... 1
 Gi2_8903927_x121.....gaacacggNgugccgaacu..... 1
 Gi5_7097702_x121.....guggAaacacggggugccgaacu..... 1
 G1a_4873352_x121.....gUgaacacggggugccgaacu..... 1
 Gi2_8915106_x120....gaucggGgacgucgugggaa..... 1
 Gi2_8907546_x120.....cgugggaacacggggugUcgaacu..... 1
 Gi1_3304766_x120.....acgucgCgggaacacggggugc..... 1
 Gi5_7105063_x120.....gugggaacaUggggugccgaacu..... 1

Gi3_24789086_x120.....ggUaacacggggugccgaac.....
 1
 Gi3_24808060_x119.....gugggaacUcggggugccgaacu.....
 1
 Gi3_24801039_x119.....Gucggagacgucgugggaacacggggu.....
 1
 Gi5_7119297_x119.....ugggaacacggggGgccgaacu..... 1
 Gi3_24796398_x119.....gCaacacggggugccgaac.....
 1
 Gi3_24802586_x119.....guUgugggaacacggggugccgaacu.....
 1
 Gi2_8929511_x118.....gugggaacacggggugccgaaUu..... 1
 Gi3_24828520_x118.....gggaacacggggugccgGacu.....
 1
 Gi1_3312863_x118.....ugggaacacggggugccg..... 0
 Gi5_7124289_x118.....gaucggagacgucgugggaacacg..... 0
 Gi5_7126413_x118.....ggUaacacggggugccgaacu..... 1
 Gi5_7124171_x118.....cgugggaacacAgggugccgaacu..... 1
 Gi2_8939069_x118...cgaucggagacgucgugggaacacg..... 0
 Gi2_8941901_x118.ugcgaucggGgacgucgug..... 1
 Gi2_8940131_x118.....cgugggaCcacggggugccgaacu..... 1
 Gi5_7127947_x118.....aacGcggggugccgaacu..... 1
 Gi2_8934349_x118.....Ggggaacacggggugccgaac..... 1
 Gi2_8935883_x118.....uUggaacacggggugccga..... 1
 Gi2_8952902_x117.....gUagacgucgugggaacacggggugcc..... 1
 Gi3_24839769_x117.....aucggagacgucgugggaacacggggug.....
 0
 Gi2_8954774_x117.....gugggaacacggggugccgaGc..... 1
 Gi2_8948690_x117.....Agugggaacacggggugccgaacu..... 1
 Gi2_8944010_x117.....cggagacgucgugggaacacggggug..... 0
 Gi3_24840471_x117.....gugggaacaUggggugccgaac.....
 1
 Gi5_7131014_x117.....gugggaacacggggugccAaacu..... 1
 Gi2_8950913_x117.....Uucgugggaacacacggggugccgaac..... 1
 Gi2_8961159_x116.....gugggUaacacggggugccgaacu..... 1
 Gi5_7144314_x116.....ugggaacacggggugccgaacuuu..... 0
 Gi2_8965799_x116.....cUucgugggaacacggggugccg..... 1
 Gi3_24858393_x116.....aacacggggugcUgaacu.....
 1
 Gi3_24854101_x116.....gugggaacacggggugccgaacuu.....
 0
 Gi1_3328227_x115.....Aaacacggggugccgaacu..... 1
 Gi2_8972591_x115.ugcgaucggagacgucgugggaaca..... 0
 Gi5_7153437_x115.....gaacacggggugccgaCcu..... 1
 Gi3_24877885_x115.....Augggaacacggggugccga.....
 1
 Gl1a_4893984_x115.ugcgaucggagacgucgu..... 0

Gi2_8968221_x115.....aaUacggggugccgaacu..... 1
 Gi3_24878460_x115.....cgugggaacUcggggugccgaacu.....
 1
 Gi3_24894705_x114.....gCgggaacacggggugccga.....
 1
 Gi1_3328686_x114.....cggagacgucgCgggaacacggggugcc..... 1
 Gi5_7167498_x114.....gugggaacacggggugccgGacu..... 1
 Gi2_8985868_x114.....ggaacacggggugccgaGcu..... 1
 Gi3_24896415_x114.....gucgugggaacacggggCgccgaacu.....
 1
 Gi3_24892653_x114.....Gucggagacgucgugggaacacggg.....
 1
 G1a_4903123_x113.....gaacacggggugccgaac..... 0
 Gi3_24900732_x113.....uAggaacacggggugccgaac.....
 1
 G1a_4902897_x113.....aucggagacgucgugggaacacg..... 0
 Gi3_24912371_x113.....gagacgucgugggaacacggggugcc.....
 0
 Gi2_9000585_x113.....gugggaacacggggugccgUacu..... 1
 Gi3_24905704_x113.....cUucgugggaacacggggugccg.....
 1
 Gi2_8994935_x113.....ggagacgucgugggaacacg..... 0
 Gi5_7174512_x113.....gugggaacacggggugcUgaacu..... 1
 Gi2_9002275_x112.....gugggaacacggggugAcgaacu..... 1
 G1a_4907071_x112.....Augggaacacggggugccgaacu..... 1
 Gi3_24919826_x112.....cgugggaacacggggugccgaCc.....
 1
 Gi3_24935058_x112.....gggaacacggggCgccgaac.....
 1
 Gi2_9002499_x112.....cgugggaaNacggggugccgaac..... 1
 Gi2_9008435_x112.....Ggacgucgugggaacacggggugcc..... 1
 Gi2_9028023_x111.....cUugggaacacggggugccga..... 1
 Gi2_9023361_x111.....gggaacacggggugccgCacu..... 1
 Gi1_3345348_x111.....gaucggagacgucgCgggaacacgg..... 1
 Gi3_24952381_x111.....aacacggggugccAaacu.....
 1
 Gi5_7192724_x111.....cgugggaacacgUggugccgaacu..... 1
 Gi3_24952936_x111.....ugggaacaUggggugccgaacu.....
 1
 Gi1_3345459_x111.....ucggagacgucgugggaacacggggugcc..... 0
 Gi5_7192613_x111.....acgucgugggaacacggggugcc..... 0
 Gi1_3345237_x111.....aacacgggNugccgaacu..... 1
 G1a_4913099_x111.....gugggaacacggggugccgaa..... 0
 Gi2_9024915_x111.....cgaucggagacgucgugggaaca..... 0
 Gi2_9039576_x110.....cgucgugggaacacggggugccgaacA..... 1
 Gi3_24965812_x110.....ugUgaacacggggugccgaac.....
 1

Gi1_3347334_x110....gaucggagacgucguggg..... 0
 Gi1_3346234_x110.....ugggaacacggggugccgCacu..... 1
 Gi3_24977738_x109.....gucgugggaacacggggug.....
 0
 Gi3_24984387_x109.....gugggaacaAggggugccgaacu.....
 1
 Gi2_9051458_x109...cgaucggagacgucgugggaacacggggug..... 0
 Gi1_3354560_x109.....gugggaacNcggggugccgaacu..... 1
 Gi2_9039686_x109.....ggUacacggggugccgaac..... 1
 Gi2_9042956_x109.....gugggaacacggggugccgaaAu..... 1
 Gi3_24999015_x108.....ggagacgucgugggaacacgg.....
 0
 G1a_4927650_x108.....cgucgugggaacacggggugccgaacu..... 0
 Gi3_24996639_x108.....cgugggGacacggggugccgaac.....
 1
 Gi1_3356292_x108.....Cgggaacacggggugccga..... 1
 Gi3_24996855_x108.....aUacgucgugggaacacggggugccgaacu.....
 1
 Gi3_24998367_x108.....ggagacgucgugggaacacggggugccgaac.....
 0
 Gi2_9060966_x108.....gugggaacacggggGgccgaac..... 1
 Gi5_7214765_x108.....ugggaacacggggugccgGcu..... 1
 Gi2_9074254_x107.....gugggGacacggggugccgaac..... 1
 Gi5_7230912_x107.....cgugggaacacggggugccg..... 0
 Gi5_7228130_x107.....gggaacacggggugccgCcu..... 1
 G1a_4931723_x107....aucggagacgucgugggaacacgg..... 0
 Gi1_3360376_x107.....Augggaacacggggugccgaacu..... 1
 Gi3_25006346_x107.....ggaacacggggugccgGacu.....
 1
 Gi2_9063875_x107.....acgucgugggaacacggg..... 0
 Gi3_25038824_x106.....ggaacGcggggugccgaac.....
 1
 Gi2_9083588_x106.....gacgucgugggaacacggg..... 0
 Gi3_25032570_x106....gaucggagacgucguggga.....
 0
 Gi2_9084648_x106.....ggagacgucgugggaacacggggugccg..... 0
 G1a_4935758_x106....aucggagacgucgugggaa..... 0
 Gi1_3368784_x106.....ggaacacggggugccgaa..... 0
 Gi5_7243890_x106.....Uacgucgugggaacacggggugccgaacu..... 1
 Gi3_25026846_x106.....cggagacgucgugggaacacgg.....
 0
 Gi5_7254194_x105.....cgucgugggaacacggggugccgaa..... 0
 Gi3_25049656_x105.....Cgggaacacggggugccgaac.....
 1
 Gi5_7257745_x104.....Aggaacacggggugccgaacu..... 1
 Gi5_7260761_x104.....Uugggaacacggggugcc..... 1

Gi3_25063253_x104.....cgugggaacacggggugAcgaacu.....
 1
 Gi2_9101229_x104.....cgugggaacacggguAccgaacu..... 1
 Gi5_7256497_x104.....gaacGcggggugccgaacu..... 1
 Gi3_25075837_x104.....ugggaacacggggGgccgaac.....
 1
 Gi3_25070429_x104.....gCgggaacacggggugcc.....
 1
 Gi3_25073965_x104.....gggaacacggggugccgaGc.....
 1
 Gi2_9107781_x104.....gCgggaacacggggugccgaac..... 1
 Gi2_9104349_x104.....ggaacacggggugccGacu..... 1
 Gi5_7270286_x103.....gaacacggggugccgaGcu..... 1
 Gi4_416893_x103.....aacacggggugccgaacu..... 0
 Gi5_7266372_x103.....aucggagacgucguggaaca..... 0
 Gi2_9116040_x103.....gugggaacacgggAugccgaacu..... 1
 Gi5_7271213_x103.....gggaacacNgggugccgaacu..... 1
 Gi1_3379019_x103.....gggaacacggggugccgaac..... 0
 Gi1_3381182_x103.....cgucgugggaacacggggugccgaac..... 0
 Gi2_9118409_x103.....ggaacacgNggugccgaac..... 1
 Gi3_25090890_x103...cgaucggagacgucgugggaacacgg.....
 0
 Gi5_7273479_x103.....gugggaacacggUgugccgaacu..... 1
 Gi5_7268432_x103.....aacacggggugccGacu..... 1
 Gi5_7286464_x102.....cgugggaacacggggugccAaacu..... 1
 Gi5_7286260_x102.....cgugggaCcacggggugccgaacu..... 1
 Gi2_9123621_x102.....cguggAaacacggggugccgaacu..... 1
 Gi2_9121173_x102.....acgucgugggaacacggggugccg..... 0
 Gi3_25101257_x102.....Uucgugggaacacggggugcc.....
 1
 Gi2_9130047_x102.....cgugggaacacggggugccgaaAu..... 1
 Gi2_9129129_x102.....ucggagacgucgugggaacacggg..... 0
 Gi2_9124437_x102...cgaucggGgacgucguggaaca..... 1
 Gi2_9128415_x102.....Cugggaacacggggugccgaac..... 1
 Gi2_9124845_x102.....gugggaacacggggGgcc..... 1
 Gi1_3390755_x101.....acgucgCgggaacacggggugccga..... 1
 Gi5_7290816_x101.....ugggaGcacggggugccgaacu..... 1
 Gi5_7296876_x101.....aUacgucgugggaacacggggugccgaacu..... 1
 Gi3_25120798_x101.....cgugggaGcacggggugccgaac.....
 1
 Gi1_3395564_x100.....ucggagacgucgugggaacacggg..... 0
 Gi3_25137826_x100.....ugggaacGcggggugccgaac.....
 1
 Gi3_25138426_x100.....gugggaacacgAggugccgaac.....
 1
 Gi1_3394164_x100.....aaUacggggugccgaacu..... 1
 Gi1_3395764_x100.....ugggaacaNggggugccgaacu..... 1

Gi2_9153574_x100.....ggagacgucgugggaaacacgggggu..... 0
 Gi3_25138926_x100.....gaacacgggAugccgaacu..... 1
 1
 Gi2_9153174_x100...cgauccgagacgucgugggaaacacggggugc..... 0
 Gi2_9149174_x100.....gugggaacGcggggugccgaac..... 1
 Gi2_9143574_x100...Uaucggagacgucgugggaaacac..... 1
 Gi1_3393764_x100.....gacgucGcgggaacacggggugcc..... 1
 Gi2_9146674_x100.....uAggaacacggggugccgaacu..... 1
 Gi2_9161106_x99.....cggGgacgucgugggaaaca..... 1
 Gi1_3399141_x99.....gaacacggNgugccgaacu..... 1
 G1a_4969722_x99.....gggaacacggggugccgaa..... 0
 Gi2_9164670_x99.....Uacgucgugggaaacacggggugcc..... 1
 Gi2_9158928_x99.....ggaacGcggggugccgaacu..... 1
 Gi1_3398052_x99.....uGgugggaacacggggugccgaacu..... 1
 Gi5_7316708_x99.....cgugggaacacggggugcUgaacu..... 1
 Gi3_25160022_x99.....ugggaacacggggugccgaCcu..... 1
 G1a_4964772_x99.....ggagacgucgugggaaacacggggugcc..... 0
 Gi1_3396864_x99....aucggagacgucgugggaaacacgggg..... 0
 Gi3_25150716_x99.....ggaacacggggugccgGac..... 1
 Gi2_9165462_x99.....gGgacgucgugggaaacacgggggu..... 1
 Gi5_7313342_x99.....gUaacacggggugccgaac..... 1
 Gi5_7324670_x98.....aacacggggAgccgaacu..... 1
 Gi2_9168996_x98.ugcgauccgagacgucgugggaaacacg..... 0
 Gi2_9178306_x98..gcgauccgagacgucgugggaaacac..... 0
 Gi2_9170368_x98..gcgauccgagacgucgugggaa..... 0
 Gi3_25181163_x98.....aacacggggGgccgaacu..... 1
 Gi5_7321534_x98.....ugUgaacacggggugccgaacu..... 1
 Gi3_25183907_x98...Caucggagacgucgugggaaacacgggggu..... 1
 Gi2_9171642_x98....aucggGgacgucgugggaaacacgggg..... 1
 Gi5_7329464_x97.....acgucgugggaaacacggggugccg..... 0
 Gi3_25197979_x97.....uCggaacacggggugccgaac..... 1
 Gi3_25184787_x97.....cgucgugggaaacacggggGgccgaacu..... 1
 Gi2_9182592_x97.....aUacgucgugggaaacacggggugcc..... 1
 Gi2_9181428_x97.....Gcgugggaacacggggugccgaac..... 1
 Gi1_3409604_x97.....cggagacgucgugggaaacacggggugc..... 0
 Gi2_9188024_x97.....aacacggggGgccgaacu..... 1
 Gi3_25206736_x96.....gggaacacAgggugccgaacu..... 1
 Gi3_25216144_x96.....Ggggaacacggggugccg..... 1
 Gi2_9199769_x96.....gaacacggggGgccgaacu..... 1
 Gi2_9196025_x96.....Ugagacgucgugggaaacacggggugc..... 1
 Gi3_25200688_x96.....gucgugggaaacacggggGgccgaacu..... 1
 Gi3_25202800_x96.....ggaacacggggGgccgaacu..... 1
 Gi2_9194393_x96.....gggaGcacggggugccgaacu..... 1
 Gi1_3419378_x95.....agacgucgugggaaacacgggg..... 0
 Gi3_25221199_x95.....ugggaacacggggugcAgaacu..... 1
 Gi2_9206281_x95.ugcgauccgagacgucgugggaa..... 0
 Gi2_9213786_x95.....gggaacacggggGgccgaacu..... 1

Gi2_9214736_x95.....Cggaacacggggugccgaacu..... 1
Gi2_9206376_x95.....ugggaGcacggggugccgaacu..... 1
Gi5_7358901_x95.....aacacAgggugccgaacu..... 1
Gi5_7357951_x95.....cgugAgaacacggggugccgaacu..... 1
Gi5_7355196_x95.....Uugggaacacggggugccgaa..... 1
Gi3_25229369_x95.....gucgugggNacacggggugccgaacu..... 1
Gi3_25234214_x95.....cgucgugggaacacggggug..... 0
Gi3_25219299_x95.....cUgagacgucgugggaacacggggugcc..... 1
Gi3_25234974_x95.....gucgCgggaacacggggugccgaac..... 1
Gi1_3425983_x94.....ggagacgucgCgggaacacggggugcc..... 1
Gi3_25247111_x94.....Augggaacacggggugccg..... 1
Gi5_7368396_x94.....ucgugggaacacggggugccgaacA..... 1
G1a_4994118_x94.....ucgugggaacacggggugccgaac..... 0
Gi5_7363978_x94.....acuuucccagcgccucguccacc..... 0
Gi1_3424573_x94.....Uugggaacacggggugcc..... 1
Gi3_25247017_x94.....Uaucggagacgucgugggaacac..... 1
Gi3_25246547_x94.....ucggagacgucgugggaacacggggugc..... 0
Gi3_25236959_x94.....agacgucgugggaacacgggg..... 0
Gi5_7371216_x94.....gugggaacacgAggugccgaacu..... 1
Gi2_9222733_x94.....cggagacgucgugggaacacg..... 0
Gi2_9221041_x94.....ucgugggaacacggggCgccgaacu..... 1
Gi2_9217375_x94.....cUugggaacacggggugccgaa..... 1
Gi2_9220665_x94.....agacgucgugggaacacggggug..... 0
Gi1_3422035_x94.....gagacgucgugggaacacggggugcc..... 0
Gi1_3426829_x94.....gagacgucgCgggaacacggggugccgaacu..... 1
Gi3_25247675_x94.....Gcgucgugggaacacggggugccgaacu..... 1
Gi5_7377542_x93.....gugAgaacacggggugccgaacu..... 1
Gi2_9232999_x93.ugcgauccgGgacgucguggga..... 1
Gi1_3427673_x93.....cgugggaaNacggggugccgaacu..... 1
G1a_4994959_x93.....gugggaacNcggggugccgaacu..... 1
Gi3_25269604_x93.....guggAaacacggggugccgaac..... 1
Gi2_9231976_x93.....Uaucggagacgucguggga..... 1
Gi5_7371404_x93.....gugggaacacggAgugccgaacu..... 1
Gi1_3430649_x93.....gucgCgggaacacggggugccg..... 1
Gi3_25273603_x93.....ggaacacAgggugccgaacu..... 1
Gi3_25257700_x93.....ugggaacacggggugUcgaacu..... 1
Gi3_25256770_x93.....gugAgaacacggggugccgaac..... 1
Gi3_25271743_x93.....ugggaacCcgggugccgaacu..... 1
Gi2_9232069_x93.....acgucgugggaacacgggg..... 0
Gi3_25272301_x93.ugcgauccgagacgucgugggaaca..... 0
Gi2_9231046_x93.....Ggacgucgugggaacacg..... 1
Gi3_25282807_x92.....gaacacggggugccgaaUu..... 1
Gi5_7387252_x92.....acgucgugggaacacggggugccga..... 0
Gi3_25278943_x92.....ugggaGcacggggugccgaac..... 1
Gi3_25274987_x92.....gaacacggggugcAgaacu..... 1
Gi3_25284279_x92.....Ugagacgucgugggaacacggggugcc..... 1
Gi3_25282163_x92.....cgucgugggaacacggggGgcc..... 1

Gi3_25281059_x92.....uUgugggaacacggggugccgaacu..... 1
 Gi2_9243532_x92.....gaUcacggggugccgaacu..... 1
 Gi2_9244360_x92.....ucgugggaNcacggggugccgaacu..... 1
 Gi4_428363_x92.....Uugggaacacggggugccgaacu..... 1
 Gi2_9251791_x91.....aGcggagacgucgugggaacacgggggu..... 1
 Gi3_25293836_x91.....Guggggaacacggggugcc..... 1
 Gi3_25296293_x91.....cgugggaacacggggGgccgaac..... 1
 Gi2_9267187_x90.....ggUaacacggggugccgaacu..... 1
 Gi3_25323173_x90.....ucgugggGacacggggugccgaacu..... 1
 Gl1a_5013689_x90.....Cggaacacggggugccgaacu..... 1
 Gi3_25313003_x90.....aucggagacgucgugggaGcacg..... 1
 Gi1_3445729_x90.ugcgauccgagacgucguggga..... 0
 Gi2_9265567_x90.....ugggGacacggggugccgaacu..... 1
 Gi3_25321823_x90.....gugNgaacacggggugccgaacu..... 1
 Gi3_25320023_x90.....ggagacgucgugggaacacggg..... 0
 Gi1_3446719_x89.....agacgucgugggaacacggggugcc..... 0
 Gi1_3450457_x89.....aacacggggUAccgaacu..... 1
 Gi2_9273474_x89.....ugggaacacggggGgccgaacu..... 1
 Gi3_25337101_x89.....Uggaacacggggugccga..... 1
 Gi1_3451970_x89.....gugggaacacggggGgccgaacu..... 1
 Gi1_3447520_x89.....cgugggaacacggggugccgaa..... 0
 Gi5_7421987_x89.....gugggaacacggggugccgaacuuu..... 0
 Gi3_25333452_x89.....gugggaacacUgggugccgaacu..... 1
 Gi5_7421364_x89.....Cucgugggaacacggggugccgaacu..... 1
 Gi3_25338970_x89.....cgugggaacacggggugA..... 1
 Gi3_25356288_x88.....ucgugggaGcacggggugccgaacu..... 1
 Gi2_9291623_x88.....Augggaacacggggugcc..... 1
 Gi5_7430474_x88.....agacgucgugggaacacggggugc..... 0
 Gi5_7432146_x88.....cgugggaacacggggGgccgaacu..... 1
 Gi3_25351360_x88.....aacacggggUAccgaacu..... 1
 Gi3_25346872_x88.....ugggaacacggggugccgaGc..... 1
 Gi2_9295143_x88.....guUggaacacggggugccgaac..... 1
 Gi2_9291447_x88.....gugggaCcacggggugccgaacu..... 1
 Gi3_25351976_x88.....ggagacgucgugggaacacggggugccgaa..... 0
 Gi3_25359192_x88.....cAugggaacacggggugccgaac..... 1
 Gi3_25352504_x88.....acgucgugggaacacggggugc..... 0
 Gi2_9286871_x88.....gugggaacCcgggugccgaac..... 1
 Gi3_25363836_x87.....gggaacacggggugccgGac..... 1
 Gi3_25372623_x87.....ucgugggaacGcggggugccgaacu..... 1
 Gi5_7444123_x87.....gagacgucgugggaacacg..... 0
 Gi2_9298103_x87.....ggaacacggggGgccgaac..... 1
 Gi3_25372362_x87.....gugggaacacggUgugccgaac..... 1
 Gi3_25377060_x87.....Guggggaacacggggugccga..... 1
 Gi3_25371579_x87.....gaacUcggggugccgaacu..... 1
 Gi5_7439164_x87.....gaacacggggugccgaacuucU..... 1
 Gi5_7457254_x86.....cCucgugggaacacggggugccgaacu..... 1
 Gi4_433136_x86.....ugggaacacgggUugccgaacu..... 1

Gi5_7453212_x86.....Cgaacacggggugccgaacu..... 1
 Gi5_7453470_x86.....gugggaaUacggggugccgaacu..... 1
 Gi3_25382074_x86.....uGgugggaacacggggugccgaac..... 1
 Gi1_3465497_x86.....gaacacggggCgccgaacu..... 1
 Gi5_7456308_x86.....Uggaacacggggugccgaa..... 1
 Gi3_25384912_x86.....gucgugggaacacggggugccgaCcu..... 1
 Gi3_25384740_x86.....gugggaaacacggggGgccga..... 1
 Gi3_25394114_x86.....gaacacggggugccgaUcu..... 1
 Gi2_9321799_x85.....guUgugggaacacggggugccgaacu..... 1
 Gi3_25399912_x85.....guggUaacacggggugcc..... 1
 Gi3_25407137_x85.....aucggagacgucgugggaGcacggggu..... 1
 Gi3_25396342_x85.....aucggagacgucgugggaac..... 0
 Gi3_25404247_x85.....gcgaucggagacgucguggga..... 0
 Gi3_25402122_x85.....aGgucgugggaacacggggugccgaacu..... 1
 Gi1_3470793_x85.....aacacggggCgccgaacu..... 1
 Gi3_25410877_x85.....gaucggagacgucgugggaacacggggug..... 0
 Gi5_7472510_x85.....gaGcacggggugccgaacu..... 1
 Gl1_5041751_x84.....gaucggagacgucgugggaa..... 0
 Gi3_25428055_x84.....gugggaaUacggggugccgaac..... 1
 Gi3_25429651_x84.....ucgCgggaacacggggugccgaacu..... 1
 Gi1_3475179_x84.....Uugggaacacggggugccgaac..... 1
 Gi5_7474284_x84.....ucgugggaacacggggugccgCacu..... 1
 Gi2_9331229_x84cugcgaucggGgacgucgug..... 1
 Gi5_7477056_x84.....ucgugggaacacggggCgccgaacu..... 1
 Gi3_25417891_x84.....cgucgugggaacacggggugccgCacu..... 1
 Gi2_9350282_x83.....ugggaacacggggugccgaGcu..... 1
 Gi2_9351195_x83.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi2_9347958_x83.....gaucggGgacgucgugggaacacgggg..... 1
 Gi5_7491665_x83.....ucgugggaNcacggggugccgaacu..... 1
 Gi1_3482014_x83.....gugggGcacacggggugccgaacu..... 1
 Gi2_9344555_x83.....aGcggagacgucgugggaacacggggugc..... 1
 Gl1_5047024_x83.....Ggggaacacggggugccgaacu..... 1
 Gi2_9362214_x82.....gugggaacacggggugccgaUc..... 1
 Gi1_3486937_x82.....agacgucgCgggaacacggggugccgaacu..... 1
 Gi1_3482427_x82.....gagacgucgCgggaacacgg..... 1
 Gi2_9361804_x82.....gaacacggggugccgaCcu..... 1
 Gi3_25450627_x82.....guUggaacacggggugccga..... 1
 Gi4_436403_x82.....cgucgugggaacacggggugccga..... 0
 Gi2_9364002_x81.....guUggaacacggggugcc..... 1
 Gi3_25483295_x81.....aacacgAggugccgaacu..... 1
 Gi3_25470578_x81.....gggaacacggggugcUgaacu..... 1
 Gi4_437222_x81.....agacgucgugggaacacggggugcc..... 0
 Gi2_9364731_x81.....gggaacGcggggugccgaacu..... 1
 Gi2_9364812_x81.....ggaacacggggugccgCac..... 1
 Gi3_25479002_x81.....cgugUgaacacggggugccgaac..... 1
 Gi5_7512478_x81.....gugggaaAacggggugccgaacu..... 1
 Gi3_25467581_x81.....aucggagaNgucgugggaacacg..... 1

Gi3_25476977_x81.....aacacggAgugccgaacu..... 1
 Gi3_25466933_x81.....gggaacacggggugccgaUc..... 1
 Gi2_9371211_x81.....gugggaGcacggggugccgaac..... 1
 Gi2_9374694_x81.....gaucggGgacgucgugggaacacggg..... 1
 Gi3_25489096_x80.....cUucgugggaacacggggugccga..... 1
 Gi3_25489336_x80.....gugggaacacggggugUcgaac..... 1
 Gi2_9379179_x80.....gggGacacggggugccgaacu..... 1
 Gi3_25500536_x80.....gGacacggggugccgaac..... 1
 Gi2_9378139_x80.....gggaacacggggGgccgaacu..... 1
 Gi2_9384619_x80.....uUggaacacggggugccg..... 1
 Gi3_25500296_x80.....gAaacacggggugccgaac..... 1
 Gi2_9381419_x80.....gugggCacacggggugccgaacu..... 1
 Gi3_25490776_x80.....aacaUggggugccgaacu..... 1
 Gi2_9393894_x79.....gugggaacNcggggugcc..... 1
 Gi3_25507372_x79.....gugggaacGcggggugccga..... 1
 Gi5_7539703_x79.....cgugggaacacgAggugccgaacu..... 1
 Gi1_3498694_x79.....Uacgucgugggaacacggggugccgaacu..... 1
 Gi2_9389944_x79.....ggGacacggggugccgaacu..... 1
 Gi3_25512349_x79.....gAgaacacggggugccgaac..... 1
 Gi3_25512507_x79.....acgucgugNgaacacggggugccgaacu..... 1
 Gi3_25506898_x79.....cgucguggNaacacggggugccgaacu..... 1
 Gi2_9397844_x79.....gaacGcggggugccgaacu..... 1
 Gi3_25513613_x79.....gugggaacCcgggugcc..... 1
 Gi2_9401361_x78.....Uaucggagacgucgugggaacacggggugc..... 1
 Gi3_25539716_x78.....ugggaacacggggAgccgaacu..... 1
 Gi3_25527470_x78.....gugggaacacggggugccUaacu..... 1
 Gl1_5074078_x78.....acgucgugggaacacggggg..... 0
 Gi3_25528718_x78.ugcgaucggagacgucguggga..... 0
 Gl1_5071192_x78.....Uugggaacacggggugcc..... 1
 Gi3_25525520_x78.....Ccugggaacacggggugccgaacu..... 1
 Gi3_25535192_x78.....ucgugggaacacggggugccgaGcu..... 1
 Gi3_25544813_x77.....aacacggggugUcgaacu..... 1
 Gi5_7553801_x77.....ggaacacggggGgccgaacu..... 1
 Gi5_7554802_x77.....cguggAaacacggggugccgaacu..... 1
 Gi3_25549510_x77.....cUgagacgucgugggaacacggggg..... 1
 Gi1_3507836_x77.....cgCgggaacacggggugccgaa..... 1
 Gi3_25541733_x77.....gacgucgugggaacacggggugcA..... 1
 Gi3_25548201_x77.....aUgucgugggaacacggggugccgaacu..... 1
 Gl1_5079871_x77.....Uaacacggggugccgaacu..... 1
 Gi5_7560654_x77.....gacgucgugggaacacggggugccg..... 0
 Gi3_25556055_x77.....gCcugggaacacggggugccgaacu..... 1
 Gi3_25570306_x76.....gugggaacacggggAgccgaac..... 1
 Gi3_25562022_x76.....Cugggaacacggggugccga..... 1
 Gi3_25559438_x76.....gugggGacacggggugccga..... 1
 Gi1_3511838_x76.....gUaacacggggugccgaac..... 1
 Gi2_9428745_x76.....ucgugggaacacggggugccgCacu..... 1
 Gl1_5082764_x76.....gucgugggaacacggggugccgaac..... 0

Gi2_9442132_x75.....cggagacgucgugggaaca.....	0
Gi3_25593285_x75.....auUggagacgucgugggaacacggg.....	1
Gi3_25584885_x75.....ugAgaacacggggugccgaac.....	1
Gi2_9443707_x75.....gCaacacggggugccgaacu.....	1
Gi3_25597260_x75.....gugggaacacggggGgccgaa.....	1
Gi1_3517983_x75.....agacgucgugggaacacggggugccg.....	0
Gi1_3518658_x75.....ucgugggaacacggggGgccgaacu.....	1
Gi1_3519858_x75.....aacacggggugccgaGcu.....	1
Gi1_3520533_x75.....cggagacgucgugggaacacggg.....	0
Gi3_25587960_x75.....ugggaacacggggugccgaUc.....	1
Gi3_25589910_x75.....aacacggggugccgaCcu.....	1
Gi3_25579485_x75.....ucgugggaacacggggugccAaacu.....	1
Gi5_7574746_x75.....gUacacggggugccgaacu.....	1
Gi3_25595160_x75.....aucggagaNgucgugggaacacgggg.....	1
Gi2_9449107_x75.....gugggaUcacggggugccgaacu.....	1
Gi1_3520608_x75.....gaUcacggggugccgaacu.....	1
Gi3_25604893_x74.....gucgugggaacacggggugccg.....	0
Gi1a_5093585_x74.....ggaacacggggugccAaacu.....	1
Gi1_3522761_x74.....gugggaacacggggGgccgaacu.....	1
Gi5_7593762_x74.....Ggucgugggaacacggggugccgaacu.....	1
Gi2_9451563_x74.....Uaucggagacgucgugggaacacg.....	1
Gi3_25599195_x74.....gucgugggaacacgggg.....	0
Gi3_25615919_x74.....ggaacacggggugcUgaacu.....	1
Gi5_7585918_x74.....aacacggggugccgCacu.....	1
Gi2_9460887_x74.....cgugggaacacggggGgccgaacu.....	1
Gi3_25603265_x74.....aacacggggugccgaaUu.....	1
Gi3_25608963_x74.....aGcggagacgucgugggaacacgg.....	1
Gi3_25607927_x74.....gaacCggggugccgaacu.....	1
Gi2_9451341_x74.....gGgacgucgugggaacacg.....	1
Gi3_25606669_x74.....gucgugggaacacggggCccgaac.....	1
Gi5_7604253_x73.....acacggggugccgaacuuu.....	0
Gi2_9470910_x73.....gacgucgugggaacacg.....	0
Gi3_25629157_x73.....Ggucgugggaacacggggugcc.....	1
Gi5_7598997_x73.....Uacacggggugccgaacu.....	1
Gi5_7600092_x73.....gucgugggaacacggggugccgaa.....	0
Gi2_9470180_x73.....ucggagacgucgugggaac.....	0
Gi3_25629084_x73.....ggaacacggggGgccgaac.....	1
Gi2_9477263_x72.....gugggaacacggggCgcc.....	1
Gi5_7611069_x72.....gugggaacacggggugUcgaacu.....	1
Gi3_25642554_x72.....gCgaacacggggugccgaac.....	1
Gi5_7614669_x72.....Agggaacacggggugccgaacu.....	1
Gi3_25647594_x72.....Uucgugggaacacggggugccga.....	1
Gi5_7615317_x72.....cggagacgucgugggaacacggggugcc.....	0
Gi3_25635354_x72.....gugggaacNcggggugccgaa.....	1
Gi3_25646514_x72.....gucgugggaacGcggggugccgaacu.....	1
Gi5_7618701_x72.....ucgugggaacacggggugccgaGcu.....	1
Gi3_25646226_x72.....gUagacgucgugggaacacggggugcc.....	1

Gi4_447562_x72.....gugggaacacggggugccgaac.....	0
Gi3_25644570_x72.....cgugggaacacggggugccgaUcu.....	1
Gi3_25641042_x72.....ugggaacacggggugccgGac.....	1
Gi5_7609773_x72.....gugggaacacgggAugccgaacu.....	1
Gi2_9475535_x72.....gugggaacacggggugccAaac.....	1
Gi1_3537261_x71.....cggagacgucgCgggaacacgg.....	1
Gi2_9489840_x71.....cgugggaacacggAgugccgaacu.....	1
Gi5_7620483_x71.....cgugggaacaUggggugccgaacu.....	1
Gi3_25659115_x71.....gggaacGcggggugccgaac.....	1
Gi3_25661742_x71.....gggaGcacggggugccgaac.....	1
Gi2_9493461_x71..gcgaucggGgacgucgugggaaca.....	1
Gi5_7629997_x71.....cgugggaacacggggugccgaaAu.....	1
Gi3_25669410_x71.....gugggaacCcgggugccga.....	1
Gi5_7630494_x71.....ggaacacggggugccgCacu.....	1
Gi3_25665576_x71.....gaacacggggugccgUacu.....	1
Gi3_25658263_x71.....cgugggaacGcggggugccgaac.....	1
Gi3_25686670_x70.....ugggaacacggggGgccgaacu.....	1
Gi5_7635978_x70.....Cggaacacggggugccgaacu.....	1
G1a_5116682_x70.....ucggagacgucgugggaacacggg.....	0
Gi1_3541156_x70.....agacgucgugggaacacgggg.....	0
Gi3_25680930_x70.....gacgucgugggaacacggggugcc.....	0
Gi3_25676660_x70.....cgucgugggaacacggggCgccgaacu.....	1
Gi2_9497541_x70.....gucgugggaacacggggCgccgaacu.....	1
Gi3_25679880_x70.....gugggaacacggCgugccgaacu.....	1
Gi3_25674630_x70.....gugggaacacggggugcAgaac.....	1
Gi2_9504331_x70.....Ggacgucgugggaacacggggugc.....	1
G1a_5120665_x69.....gugggaacacggggGgccgaacu.....	1
Gi1_3548742_x69.....ggagacgucgugggaacacggggugccgaacu.....	0
Gi2_9510503_x69.....Ggucgugggaacacggggugccgaacu.....	1
Gi3_25696324_x69.....gugggaacNcggggugccg.....	1
Gi3_25697704_x69.....gaacacggggugccgaaAu.....	1
Gi3_25697428_x69.....cCugggaacacggggugccgaac.....	1
Gi4_449333_x69.....gucgugggaacacggggugccgaacu.....	0
Gi3_25691494_x69.....guggCaacacggggugccgaacu.....	1
Gi3_25706950_x69.....ggaacacAgggugccgaac.....	1
Gi3_25702051_x69.....gggaacaUggggugccgaacu.....	1
Gi2_9512021_x69.....ugUgaacacggggugccgaacu.....	1
Gi2_9510917_x69.....gggaacacggggugccgaGcu.....	1
Gi3_25696669_x69.....Ugagacgucgugggaacacgggg.....	1
Gi2_9516368_x69.....gucgugggaacacggggGgccgaacu.....	1
Gi3_25710779_x68.....uUggagacgucgugggaacacgggg.....	1
Gi3_25715063_x68.....ugggaacacAgggugccgaacu.....	1
Gi2_9519316_x68.....ucgugggaacacggggugccgaaA.....	1
Gi3_25725603_x68.....gugggaacacggggCgccga.....	1
Gi3_25715267_x68.....ucgugggaacacggggug.....	0
Gi2_9530400_x68.....cgugggaacacggggugcAgaacu.....	1
Gi5_7660727_x68.....Agugggaacacggggugccgaacu.....	1

Gi2_9519044_x68.....	uggaacGcggggugccgaacu.....	1
Gi3_25711935_x68.....	uggaacaNggggugccga.....	1
Gi3_25710507_x68.....	gggaaUacggggugccgaacu.....	1
Gi3_25719415_x68.....	gugggUacacggggugccgaac.....	1
Gi3_25721455_x68.....	cUucgugggaacacggggugc.....	1
Gi2_9529720_x68.....	Gucggagacgucgugggaacacggggg.....	1
Gi1_3559565_x67.....	gggaacacNggggugccgaacu.....	1
Gi3_25736079_x67.....	uggaacaNggggugccgaa.....	1
Gi5_7672892_x67.....	aacacggggugccAaacu.....	1
Gi3_25738223_x67.....	Augggaacacggggugccgaa.....	1
Gi3_25741104_x67.....	ugggUacacggggugccgaacu.....	1
Gi3_25734806_x67.....	guAggaacacggggugcc.....	1
Gi2_9535163_x67.....	Cgggaacacggggugccgaacu.....	1
Gi3_25731724_x67.....	aucggagacgucgugggaacacggggC.....	1
Gi5_7674902_x67.....	gaacacggggugccGacu.....	1
Gi2_9532148_x67.....	Ugaacacggggugccgaa.....	1
Gi5_7670748_x67.....	ggUaacacggggugccgaacu.....	1
Gi2_9538580_x67.....	gugggaacacggggUaccgaac.....	1
Gi2_9532818_x67.....	uggaacacggggugccgaGc.....	1
Gi2_9539451_x67.....	ucggGgacgucgugggaacacggggugcc.....	1
Gi2_9550151_x66.....	cggGgacgucgugggaacacggggug.....	1
Gi5_7682218_x66.....	Uugggaacacggggugccg.....	1
Gi3_25755235_x66.....	auUggagacgucgugggaacacg.....	1
Gi3_25747711_x66.....	aucggagacgucgugggaCcacg.....	1
Gi3_25747579_x66.....	Uacgucgugggaacacggg.....	1
Gi3_25746787_x66.....	ucguggaNcacggggugccgaac.....	1
Gi2_9556025_x66.....	guggUaacacggggugccgaac.....	1
Gi2_9553847_x66.....	Caacacggggugccgaacu.....	1
Gi3_25752925_x66.....	Uaucggagacgucgugggaacacgggg.....	1
Gi2_9545267_x66.....	Uggaacacggggugccgaa.....	1
Gi3_25774692_x65.....	gugggaacacggggUacc.....	1
Gi3_25773977_x65.....	gggGacacggggugccgaac.....	1
Gi2_9560261_x65.....	cgugggaacacggggugccgaaUu.....	1
Gi3_25772287_x65.....	gggaacacggggGgccgaac.....	1
Gi3_25766567_x65.....	gggaacacggggugccAaacu.....	1
Gl1_5147067_x65.....	acgucgugggaacacggggugccgaacu.....	0
Gi5_7701811_x65.....	cgugggaacacggggugUcgaacu.....	1
Gi5_7703566_x65.....	cggagacgucgugggaacacgg.....	0
Gi3_25801051_x64.....	ugggaacacggAgugccgaacu.....	1
Gi1_3573992_x64.....	cgGgggaacacggggugccgaacu.....	1
Gi5_7711909_x64.....	gugggaacacggggAgccgaacu.....	1
Gi5_7708325_x64.....	uUggaacacggggugccgaa.....	1
Gi2_9575545_x64.....	uCggaacacggggugccgaacu.....	1
Gi3_25796443_x64.....	aGcggagacgucgugggaacacgggg.....	1
Gi3_25783963_x64.....	Gucggagacgucgugggaacacgg.....	1
Gi3_25783259_x64.....	aucggagaNgucgugggaacacggg.....	1
Gi2_9574073_x64.....	gagacgucgugggaacacggg.....	0

Gi2_9575609_x64.....cgGgggaacacggggugccgaac..... 1
 Gl1_5154868_x64.....cgaucggagacgucgugggaacacg..... 0
 Gi3_25788187_x64.....gugggaaAacggggugccgaac..... 1
 Gi1_3571752_x64.....Cugggaacacggggugccgaacu..... 1
 Gi3_25797659_x64.....ggaacacgAggugccgaacu..... 1
 Gi2_9587205_x63.....gaaacacggggugccgaGcu..... 1
 Gi3_25809636_x63..gcgaucggagacgucgugggaacacggg..... 0
 Gi3_25804344_x63.....ucgugggaacacggggGgccgaacu..... 1
 Gi3_25809951_x63.....ggaacacggggugccAaac..... 1
 Gl1_5161155_x63.....gugggaacacggggCgccgaacu..... 1
 Gi1_3574690_x63.....ucgugggaNcacggggugccgaacu..... 1
 Gi1_3578155_x63.....guUggaacacggggugccgaacu..... 1
 Gi2_9587331_x63.....gAgaacacggggugccgaacu..... 1
 Gi2_9581472_x63.....gAgggaacacggggugccgaac..... 1
 Gi3_25809888_x63.....cgugCgaacacggggugccgaacu..... 1
 Gi5_7732398_x62.....cgugggaacacggggugccGacu..... 1
 Gi5_7732026_x62.....ggGacacggggugccgaacu..... 1
 Gi3_25828721_x62.....gugggaacacggggugccgaaU..... 1
 Gi2_9592493_x62....aGcggagacgucgugggaaca..... 1
 Gi1_3582331_x62.....gacgucgugggaacacggggugccg..... 0
 Gi2_9600553_x62.....Cgaacacggggugccgaac..... 1
 Gi5_7732770_x62.....gaaacacggggugccGacu..... 1
 Gi3_25840935_x62.....gaaacacggggugccgaacG..... 1
 Gi1_3580719_x62.....aUcacggggugccgaacu..... 1
 Gi2_9604521_x62.....ggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_25825931_x62.....ucgugggaacCcgggugccgaacu..... 1
 Gi3_25838207_x62.....gugggaacacggggugGccaacu..... 1
 Gi5_7737048_x62.....ggaGcacggggugccgaacu..... 1
 Gi3_25822893_x62.....uggAaacacggggugccgaacu..... 1
 Gi3_25830953_x62.....gugggaUcacggggugccgaacu..... 1
 Gi3_25855341_x61.....Cacacggggugccgaacu..... 1
 Gi2_9605569_x61.....cgugggaacacgggAugccgaacu..... 1
 Gi2_9608924_x61.....cgugggaacacgggAgccgaacu..... 1
 Gi2_9612035_x61.....gugggGacacggggugcc..... 1
 Gi3_25849241_x61..gcgaucggagacgucgugggaaca..... 0
 Gi2_9614841_x61.....Uaacacggggugccgaac..... 1
 Gi5_7745769_x61....aucggagacgucgugggaacacggggugcc..... 0
 Gi5_7746501_x61.....gugggaacacggggugccgaaAu..... 1
 Gi3_25851620_x61.....gugggaacacggggugccA..... 1
 Gi5_7743085_x61.....cguAgggaacacggggugccgaacu..... 1
 Gi3_25854121_x61.....gggaacacAgggugccgaac..... 1
 Gi3_25857781_x61.....ugggaacacgggAugccgaacu..... 1
 Gi3_25848143_x61.....cgGcuggggaacacggggugccgaacu..... 1
 Gi2_9610266_x61.....gugggaacacggggugccgaacG..... 1
 Gi3_25844910_x61.....cgugggaacacggggugccAaac..... 1
 Gi3_25842714_x61.....ggagacgucgugggaacacggggugc..... 0
 Gi3_25846862_x61.....gucgugggaacCcgggugccgaacu..... 1

Gi2_9614231_x61.....aucggagacgucgugggaacacggggugccg..... 0
Gi2_9613499_x61.....gAaacacggggugccgaacu..... 1
Gi3_25842592_x61.....aacacggggugcAgaacu..... 1
Gi3_25877869_x60.....cgugggaacaUggggugccgaac..... 1
Gi3_25875049_x60.....gaacacggggugccgaUc..... 1
Gi1_3590960_x60.....cgucgCgggaacacggggugccgaac..... 1
Gi2_9627725_x60.....gGcgugggaacacggggugccgaac..... 1
Gi2_9626345_x60.....gucgugggaacacggggugccgCacu..... 1
Gi5_7756696_x60.....cgugggaaUacggggugccgaacu..... 1
Gi5_7759876_x60.....Ccgucgugggaacacggggugccgaacu..... 1
Gi1_3592580_x60.....aucggagacgucgugggaacac..... 0
Gi2_9628805_x60.....Uucgugggaacacggggugc..... 1
G1a_5183065_x60.....ucggagacgucgugggaacacgg..... 0
Gi5_7754296_x60.....gggGaacacggggugccgaacu..... 1
Gi3_25863349_x60.....ugggaCcacggggugccgaacu..... 1
G1a_5181925_x60.....cggagacgucgugggaacacgggg..... 0
Gi5_7774313_x59.....cgugggaacacggggUAccgaacu..... 1
Gi5_7769180_x59.....aacacgAggugccgaacu..... 1
Gi3_25892346_x59.....gugggaGcacggggugccga..... 1
Gi3_25887980_x59.....ugggaaUacggggugccgaacu..... 1
Gi5_7777027_x59.....guUgugggaacacggggugccgaacu..... 1
Gi5_7771953_x59.....gggaacacggggugccgCacu..... 1
Gi5_7776024_x59.....uUgugggaacacggggugccgaacu..... 1
Gi3_25897125_x59.....gugggGaacacggggugccgaa..... 1
Gi3_25891815_x59.....cgugggaacacAgggugccgaac..... 1
Gi3_25885148_x59.....Ggugggaacacggggugccgaa..... 1
Gi1_3599080_x59.....aacacggggugccgaacu..... 0
Gi1_3599788_x59.....ucggagacgucgugggaacacggggugc..... 0
Gi3_25884027_x59.....gucgugggaacacggggugccgGcu..... 1
Gi1_3597133_x59.....gugggaacGcggggugccgaacu..... 1
Gi3_25883260_x59.....gugggaacacggAgugccgaac..... 1
Gi3_25894883_x59.....ugggaaacacggggUAccgaacu..... 1
G1a_5188964_x59.....gacgucgugggaacacgggg..... 0
Gi1_3598372_x59.....cgugggaacacggggugccgCacu..... 1
Gi3_25900000_x58.....cgugggaaNacggggugcc..... 1
Gi5_7783775_x58.....agacgucgugggaacacggggugccgaacA..... 1
Gi3_25917400_x58.....aacaGggggugccgaacu..... 1
Gi2_9654633_x58.....gugggaacaAggggugccgaacu..... 1
Gi2_9645353_x58.....gUagacgucgugggaacacggggugc..... 1
Gi3_25912354_x58.....gUgaacacggggugccga..... 1
Gi1_3601662_x58.....gaacacggggugccgaCcu..... 1
Gi2_9645527_x58.....aUcacggggugccgaacu..... 1
Gi3_25900232_x58.....ugggaaacaUggggugccgaac..... 1
Gi3_25903596_x58.....acgAcgugggaacacggggugccgaa..... 1
G1a_5194264_x58.....gugggaacacggggugccgGcu..... 1
Gi1_3601488_x58.....aacGcggggugccgaacu..... 1
Gi3_25904756_x58.....gggaacacggggugUcgaacu..... 1

Gi3_25907946_x58.....aucggagacgucgugggaCcaccggg..... 1
Gi1_3604736_x58.....gaacacggggugccgaGcu..... 1
Gi5_7780411_x58.....ugggaacacggggugccAaacu..... 1
Gi3_25929832_x57.....gugggaacacAgggugcc..... 1
Gi3_25927495_x57.....ucgugggaacacggggugccgCac..... 1
Gi3_25927666_x57.....aUacgucgugggaacacggggugccgaac..... 1
Gi2_9661991_x57.....ucgugggaGcacggggugccgaacu..... 1
Gi2_9658058_x57.....cUugggaacacggggugccg..... 1
Gi2_9661820_x57.....ggaacacggggGgccgaacu..... 1
Gi1_3611999_x57.....ucggagacgucgCgggaacacggggg..... 1
Gi3_25932511_x57.....ggaacacggggugUcgaacu..... 1
Gi2_9656804_x57.....gucgugggaacacggggugccgaCcu..... 1
Gi3_25928407_x57.....ggaacacggggugccAaacu..... 1
G1a_5203261_x57.....Cugggaacacggggugccgaacu..... 1
Gi2_9657260_x57.....agacgucgugggaacacggggugccgaacA..... 1
Gi2_9658172_x57.....cgugggUacacggggugccgaacu..... 1
Gi5_7801672_x57.....agacgucgugggaacacggggg..... 0
Gi3_25921339_x57.....gugggaacacggggCugccgaacu..... 1
Gi2_9657203_x57.....cgugggaacacggggugccgUacu..... 1
Gi5_7801615_x57.....ugggaacacggggugccgGacu..... 1
Gi3_25957454_x56.....cggagacgucgugggaacacggggg..... 0
G1a_5211959_x56.....cgugggaacacggggugccg..... 0
Gi5_7804592_x56.....cggagacgucgugggaacacg..... 0
Gi2_9674438_x56.....gcgaucggagacgucgugggaacacggg..... 0
Gi2_9671582_x56.....Cugggaacacggggugcc..... 1
Gi2_9667214_x56.....cggagacgucgugggaGca..... 1
Gi1_3614802_x56.....agacgucgugggaacacggggugccgaac..... 0
Gi5_7811984_x56.....gagacgucgugggaacacggggugcc..... 0
Gi3_25955550_x56.....cguggCaacacggggugccgaacu..... 1
Gi3_25957230_x56.....cgucgugggaacGcggggugccgaacu..... 1
Gi3_25940990_x56.....agacgucgugggaacacggggg..... 0
Gi3_25953702_x56.....ucguUggaacacggggugccgaacu..... 1
Gi2_9676398_x56.....gucgugggNacacggggugccgaacu..... 1
Gi5_7810528_x56.....aacaUggggugccgaacu..... 1
Gi1_3613346_x56.....ggaacacgNggugccgaacu..... 1
Gi2_9684291_x55.....ucggGgacgucgugggaacac..... 1
Gi2_9678736_x55.....aacGcggggugccgaacu..... 1
Gi3_25962245_x55.....gggaacacgAgggugccgaacu..... 1
Gi2_9679066_x55.....gGcgugggaacacggggugcc..... 1
Gi1_3618268_x55.....gcgaucggagacgucgCgggaacac..... 1
Gi3_25972585_x55.....Cucgugggaacacggggugccgaacu..... 1
Gi2_9685886_x55.....aGcggagacgucgugggaacac..... 1
Gi5_7823149_x55.....Ggggaacacggggugccgaac..... 1
G1a_5219250_x55.....gugggGacacggggugccgaacu..... 1
Gi2_9682861_x55.....Ggacgucgugggaacacggggg..... 1
Gi3_25962080_x55.....Cugggaacacggggugccgaa..... 1
Gi5_7826614_x55.....aacacgggggUaccgaacu..... 1

Gi2_9678296_x55.....Aggaacacggggugccgaac..... 1
Gi3_25972475_x55.....cguggaacacggggugcUgaac..... 1
Gi3_25961915_x55.....gagacgucgugggaacacggggugccgaa..... 0
Gi3_25971210_x55.....cguggaacacUgggugccgaacu..... 1
Gi3_25973190_x55.....aacacgggAugccgaacu..... 1
Gi3_25975775_x55.....cgucguggNaacacggggugcc..... 1
Gi1_3623592_x54.....aucggagacgucgugggaacacggggU..... 1
G1a_5224932_x54.....cggagacgucgugggaacacggg..... 0
Gi5_7826723_x54.....aucggagacgucgugggaGcacggg..... 1
Gi5_7838171_x54.....ucguggaacGcggggugccgaacu..... 1
Gi5_7827425_x54.....Uuggaacacggggugccgaacuu..... 1
Gi5_7835039_x54.....ucguggGacacggggugccgaacu..... 1
Gi5_7828019_x54.....cguggaacacggggugccgaaUu..... 1
Gi3_25987842_x54.....aucggagacgucgugggaCcacgggu..... 1
Gi5_7833851_x54.....gCaacacggggugccgaacu..... 1
Gi5_7836011_x54.....aacacggggugcUgaacu..... 1
Gi1_3623484_x54.....ggUacacggggugccgaacu..... 1
Gi2_9694656_x54.....uggaacacggggugcUgaacu..... 1
Gi2_9691416_x54.....gCgggaacacggggugcc..... 1
Gi3_25988544_x54.....Gucggagacgucgugggaacacgggg..... 1
Gi5_7834283_x54.....cgucguggNaacacggggugccgaacu..... 1
Gi2_9698706_x54.....gGgacgucgugggaacacggggug..... 1
Gi5_7836335_x54.....uggaacacAgggugccgaacu..... 1
Gi3_25993242_x54.....cgucgugggaGcacggggugccgaacu..... 1
Gi5_7832555_x54.....gaucggagacgucgugggaacacggggU..... 0
Gi2_9702108_x54.....gCgaacacggggugccgaacu..... 1
Gi5_7831259_x54.....uggaacacgggUugccgaacu..... 1
Gi2_9693684_x54.....cguggaacacggggugccGacu..... 1
G1a_5223960_x54.....gCgggaacacggggugccgaacu..... 1
Gi5_7828343_x54.....ugAgaacacggggugccgaacu..... 1
Gi2_9712340_x53.....aGcggagacgucgugggaacacggggugcc..... 1
Gi2_9704867_x53.....Ggggaacacggggugccga..... 1
Gi3_26008681_x53.....gugggaacacggggugcGgaacu..... 1
Gi5_7843599_x53.....cguggaacacggggugcAgaacu..... 1
Gi3_26003169_x53.....acgucgugggaacacggggCgccgaacu..... 1
Gi3_26013451_x53.....ugggGacacggggugccgaa..... 1
Gi3_26005819_x53.....gugggaacacgggAugccgaac..... 1
Gi3_25997021_x53.....Ggugggaacacggggugc..... 1
Gi3_25999883_x53.....aacacggggugccgUacu..... 1
Gi2_9705556_x53.....gucgugggaacacggggugccgaa..... 0
Gi2_9708047_x53.....Ggugggaacacggggugcc..... 1
Gi3_26002374_x53.....cgugggaaAacggggugccgaacu..... 1
Gi3_26000201_x53.....ggAaacacggggugccgaacu..... 1
Gi1_3630976_x53.....cgAgggaacacggggugccgaacu..... 1
Gi2_9715255_x53.....gugggaacUcggggugccgaacu..... 1
Gi3_26000890_x53.....gucgugggaGcacggggugccgaacu..... 1
Gi3_26005077_x53.....uggaacacggggugccgUacu..... 1

Gl1_5230397_x53.....	gggaacacggggugccgaac.....	0
Gi1_3627478_x53.....	cggagacgucguggaacaacggggu.....	0
Gi2_9703224_x53.....	cgaucggagacgucguggaacaac.....	0
Gi1_3630128_x53.....	Uugggaacacggggugccg.....	1
Gi1_3628803_x53.....	guggaacaacggggugccgaGcu.....	1
Gi2_9718230_x52.....	gggaacacggggugccgGacu.....	1
Gl1_5241298_x52.....	Uugggaacacggggugccgaac.....	1
Gi3_26029740_x52.....	Ugagacgucguggaacaacg.....	1
Gi3_26020224_x52.....	aGcggagacgucguggaacaac.....	1
Gi5_7854871_x52.....	cgucgugggaacacggggGgccgaacu.....	1
Gi3_26023136_x52.....	gucgugggaacacggggugccgCac.....	1
Gi3_26029324_x52.....	gAgggaacacggggugccga.....	1
Gi2_9726706_x52.....	cUucgugggaacacggggugccga.....	1
Gi2_9725926_x52.....	uUguggaacaacggggugccgaacu.....	1
Gi5_7855391_x52.....	ggaacacggggugccgaGcu.....	1
Gi5_7852687_x52.....	cgugggaacacggAgugccgaacu.....	1
Gi1_3632450_x52.....	gGcgugggaacacggggugccgaacu.....	1
Gi3_26054548_x51.....	gugggaacacggggAccga.....	1
Gi3_26038330_x51.....	ggaacacggggAgccgaacu.....	1
Gi3_26043532_x51.....	ggaacacggggAccgaacu.....	1
Gi2_9738328_x51.....	gggaacacNggggugccgaac.....	1
Gi2_9732412_x51.....	gugggaacacAgggugccgaac.....	1
Gi2_9734452_x51.....	Uaucggagacgucguggaaca.....	1
Gi2_9729046_x51.....	gaGcacggggugccgaacu.....	1
Gi3_26044807_x51.....	Cacgucgugggaacaacggggugccgaacu.....	1
Gl1_5246559_x51.....	Uugggaacacggggugccga.....	1
Gi2_9739246_x51.....	aUacgucgugggaacaacggggugccgaacu.....	1
Gi3_26041900_x51.....	gucgugggGacacggggugccgaacu.....	1
Gi3_26048989_x51.....	cgugggaUcacggggugccgaacu.....	1
Gi3_26056384_x51.....	gugUgaacacggggugccgaacu.....	1
Gi3_26038738_x51.....	gaacaAggggugccgaacu.....	1
Gl1_5246304_x51.....	gugggaacGcggggugccgaacu.....	1
Gi1_3644514_x50.....	gaucggagacgucguggaacaacgg.....	0
Gl1_5254831_x50.....	ugcgaucggagacgucgug.....	0
Gi1_3642014_x50.....	Aggaacacggggugccgaacu.....	1
Gl1_5250181_x50.....	guUggaacacggggugccgaacu.....	1
Gi3_26069186_x50.....	aucggagacgucguggaacaacCg.....	1
Gl1_5247831_x50.....	gucgugggaacaacggggugcc.....	0
Gi3_26074336_x50.....	gugggaacacggggugccgaG.....	1
Gi2_9748995_x50.....	gugNgaacacggggugccgaacu.....	1
Gi2_9755295_x50.....	cgCgggaacacggggugccgaac.....	1
Gi3_26060086_x50.....	cguNgggaacacggggugccgaacu.....	1
Gi2_9750495_x50.....	gugggaacCcggggugcc.....	1
Gi2_9754595_x50.....	cgugggaaNacggggugcc.....	1
Gi3_26058986_x50.....	gugggaacacggggCgccgaa.....	1
Gi2_9748195_x50.....	acgucgugggaacaacggggugccgaacA.....	1
Gi5_7878986_x50.....	gaacacggggugcUgaacu.....	1

Gi2_9753695_x50.....ucggagacgucgugggaacaUggggugcc.....1
 Gi3_26075986_x50.....ugggaacacAgggugccgaac.....1
 Gi3_26062736_x50.....ggaacaUggggugccgaac.....1
 Gi3_26073286_x50.....ugggaacacggggugccAaac.....1
 Gi3_26069086_x50.....ggaacacggggugcUgaac.....1
 Gi3_26068386_x50...gaucggagacgucguggCaacacggggu.....1
 Gi5_7880636_x50.....gGgggaacacggggugccga.....1
 Gi1_3647056_x49.....gagacgucgugggaacacggggugccg.....0
 Gi3_26085985_x49.....gugggaacacggggGgccg.....1
 Gl1a_5256217_x49.....ugggaacacggggugccgCacu.....1
 Gi3_26089023_x49.....guUggaacacggggugccg.....1
 Gi2_9762991_x49.....Augggaacacggggugccg.....1
 Gi2_9762109_x49.....ugggaacacggggugccgaCcu.....1
 Gi2_9763726_x49.....gUaacacggggugccgaacu.....1
 Gi3_26084074_x49.....ucguAggaacacggggugccgaacu.....1
 Gi2_9757062_x49.....gugggaacacggggugccgaUcu.....1
 Gi3_26093874_x49.....gugggaGcacggggugccgaa.....1
 Gi3_26085593_x49.....Uacgucgugggaacacggggu.....1
 Gi1_3648771_x49.....gaacGcggggugccgaacu.....1
 Gl1a_5261264_x49.....ggagacgucgugggaaca.....0
 Gi2_9761080_x49.....Ggugggaacacggggugc.....1
 Gi5_7895445_x49.....ggaacGcggggugccgaacu.....1
 Gi2_9759561_x49.....cgAgggaacacggggugccgaac.....1
 Gi1_3650143_x49.....ugggaacacggggGcgcgaacu.....1
 Gi5_7899512_x49.....cggagacgucgugggaacacggg.....0
 Gi5_7894857_x49.....gugggaacacggggugccgaaUu.....1
 Gi3_26080399_x49.....gugggaacaGggggugccgaacu.....1
 Gi5_7889712_x49.....cUggaacacggggugccga.....1
 Gi3_26083045_x49.....cgugggaacacgUggugccgaac.....1
 Gi2_9773885_x48.....gaacacggggugccgCacu.....1
 Gl1a_5262484_x48.....Ggugggaacacggggugccgaacu.....1
 Gi1_3654041_x48.....uUggaacacggggugccgaac.....1
 Gi1_3657401_x48.....cgugUgaacacggggugccgaacu.....1
 Gi2_9770333_x48.....gugggaacacggggugccgaCc.....1
 Gi3_26113184_x48.....ucgugggaacacAgggugccgaacu.....1
 Gi2_9778013_x48...cgaucggagacgucgugggaacacggggu.....0
 Gi5_7902368_x48.....cgugggaacacgggAugccgaacu.....1
 Gi1_3657017_x48.....gugggaGcacggggugccgaacu.....1
 Gi2_9776525_x48.....gugggaacNcggggugccg.....1
 Gi3_26109872_x48.....gggaacacggAgugccgaacu.....1
 Gi5_7901840_x48.....gugggaacacggggugcAgaacu.....1
 Gi3_26102336_x48.....gucgugggaacacggggugccgaacuu.....0
 Gi3_26100896_x48.....cgugggaacacgCggugccgaacu.....1
 Gi5_7907408_x48.....gggaacGcggggugccgaacu.....1
 Gi5_7913888_x48.....ugggaacacggggugcUgaacu.....1
 Gi3_26114336_x48.....Ggucgugggaacacggggugccgaac.....1
 Gi3_26116016_x48.....ugggaacacggggugccgaaUu.....1

Gi1_3656201_x48.....ucgugggaacacggggugccgCacu.....	1
Gi5_7909808_x48.....cgugggaacacggggugAcgaacu.....	1
Gi3_26104208_x48....aucggagacgucgugggaacacggggG.....	1
Gi2_9771389_x48.....gugggaGcacggggugcc.....	1
Gi2_9788474_x47.....cgugggaacCcggggugccgaacu.....	1
Gi3_26135720_x47....aucggagacgucgugggaGcacggg.....	1
Gi5_7924329_x47.....gugggaacacggggugAcgaacu.....	1
Gi4_472216_x47.....cUugggaacacggggugccgaacu.....	1
Gi1_3664388_x47.....gugggaacacggggugccgCacu.....	1
Gi1_3661521_x47.....ggagacgucgugggaacacggggg.....	0
Gi3_26127448_x47.....Uagacgucgugggaacacggggugccgaacu.....	1
Gi5_7915822_x47.....gggaGcacggggugccgaacu.....	1
Gi3_26129751_x47....auUggagacgucgugggaacacgg.....	1
Gi5_7916903_x47.....ucgCgggaacacggggugccgaacu.....	1
Gi3_26129093_x47.....gugggaacGcggggugccgaa.....	1
Gi3_26124628_x47.....ggaUcacggggugccgaacu.....	1
Gi3_26132289_x47.....gugggaCcacggggugccgaac.....	1
Gi2_9787299_x47....Gucggagacgucgugggaacacggggugc.....	1
Gi3_26116779_x47.....Uagacgucgugggaacacggggugccgaac.....	1
Gi5_7925786_x47.....cgugggCcacggggugccgaacu.....	1
Gi1_3663918_x47.....aacacggggAgccgaacu.....	1
Gi1_3662931_x47.....ugggGcacggggugccgaacu.....	1
Gi3_26142841_x46.....aacacggggugcGgaacu.....	1
Gi3_26147855_x46.....gugggaacacggggugccgG.....	1
Gi5_7939263_x46.....cgugggaacacggggAgccgaacu.....	1
Gi5_7940275_x46.....gucgugggaacacggggugc.....	0
Gi3_26137735_x46.....cggagacgucgugggaacacggggugccg.....	0
Gi3_26148867_x46....aucggagacgucgugggaacGcggg.....	1
Gi1_3668211_x46.....gaacacggggugccgCacu.....	1
Gl1a_5280646_x46..gcgaucggagacgucgug.....	0
Gi5_7939079_x46....cggagacgucgugggaacacggggugccga.....	0
Gi2_9803424_x46.....ucgugggGcacggggugccgaacu.....	1
Gi2_9800296_x46.....cgugggCcacggggugccgaacu.....	1
Gi3_26146337_x46.....guggUaacacggggugccga.....	1
Gi3_26145555_x46.....gugggGcacggggugcc.....	1
Gi1_3667199_x46....cggagacgucgugggaacacgggg.....	0
Gi3_26151581_x46.....gaacacggNgugccgaac.....	1
Gl1a_5280784_x46.....cgucgugggaacacggggugccgaacA.....	1
Gi3_26156917_x46.....gugggaacacgUggugccgaacu.....	1
Gi3_26144911_x46....aGcggagacgucgugggaacacggggugcc.....	1
Gi3_26147901_x46.....cgugAgaacacggggugccgaac.....	1
Gi3_26150937_x46.....gugggaacacggggugccgUac.....	1
Gi3_26151535_x46....aucggagGcugcugugggaacacggg.....	1
Gi1_3667245_x46.....uUgugggaacacggggugccgaacu.....	1
Gi3_26140633_x46.....ggagacgucgugggaacacggggug.....	0
Gi5_7941372_x45.....gaacacAgggugccgaacu.....	1
Gi2_9811239_x45.....gugggaacacggggugccgCac.....	1

Gi3_26176993_x45.....gUagacgucgugggaacacggggu..... 1
 Gi5_7941147_x45.....cgugggaacacggggugccgaacu..... 0
 Gi3_26169703_x45.....Ggugggaacacggggugccg..... 1
 Gi2_9811914_x45.....Uucgugggaacacggggugccga..... 1
 Gi5_7943982_x45.....cgucgugggaacacggggCgccgaacu..... 1
 Gi3_26162188_x45.....cgugggaacacgggCugccgaacu..... 1
 Gi2_9807864_x45.....cUucgugggaacacggggugc..... 1
 Gi3_26167273_x45.....cgugggaacacggggugccUaacu..... 1
 Gi3_26173078_x45.....ugggaacacggggugccgaacG..... 1
 Gi1_3672150_x45.....aacacggggugccgCacu..... 1
 Gi3_26168983_x45.....gAgggaacacggggugcc..... 1
 Gi1_3673455_x45.....ucggagacgucgugggaacacgggg..... 0
 Gi3_26175958_x45.....ugggaacaNggggugccg..... 1
 Gi2_9816729_x45.....Aucgugggaacacggggugccgaacu..... 1
 Gi3_26166418_x45.....gugggaacCcgggugccgaa..... 1
 Gi1_3671610_x45..gcgaucggagacgucgugggaaca..... 0
 Gi2_9824886_x44.....ugggaacacAgggugccgaacu..... 1
 Gi5_7964143_x44.....gugggUacacggggugccgaacu..... 1
 Gi3_26196845_x44...Uaucggagacgucgugggaacacgg..... 1
 Gi2_9825062_x44.....ggaacacggggugccgaGc..... 1
 Gi2_9823258_x44.....ugggaacacggggugccgCac..... 1
 Gi3_26192709_x44.....ggaacacggggugccgaCcu..... 1
 Gi2_9832234_x44...gaucggGgacgucgugggaacacggggugc..... 1
 Gi2_9831882_x44.....cgucgugggaacacggggGgccgaacu..... 1
 Gi3_26178057_x44.....Agugggaacacggggugccgaac..... 1
 Gi3_26185933_x44.....gugggaaUacggggugcc..... 1
 Gi3_26192753_x44.....gugggaacacggAgugcc..... 1
 Gi3_26180521_x44.....Aaacacggggugccgaac..... 1
 Gi2_9823390_x44.....uUggaacacggggugccgaa..... 1
 Gi4_474816_x44.....gGgggaacacggggugccgaacu..... 1
 Gi1_3677153_x44.....gggaacacggggugccgaCcu..... 1
 Gi3_26188837_x44.....cguUggaacacggggugccgaacu..... 1
 Gi1_3676493_x44.....gacgucgugggaacacggggugccgaacA..... 1
 Gl1a_5294604_x44.....ugggaacaNggggugccgaacu..... 1
 Gi1_3675965_x44.....gugggaacCcgggugccgaacu..... 1
 Gi3_26189409_x44.....ucgugggaacacggggCgccgaac..... 1
 Gi3_26191345_x44.....ggagacgucgugggaacacggggugccga..... 0
 Gi2_9830738_x44.....ggaacacAgggugccgaacu..... 1
 Gi2_9822510_x44.....agacgucgugggaacacgggg..... 0
 Gi3_26185053_x44.....gugggaacacggggugccAa..... 1
 Gi2_9829418_x44...gaucggGgacgucgugggaacac..... 1
 Gi5_7961195_x44.....aGgucgugggaacacggggugccgaacu..... 1
 Gi3_26179069_x44.....gugggGacacggggugccg..... 1
 Gi3_26181533_x44.....gggaacacggggugccgaaUu..... 1
 Gi3_26192665_x44...cgaucggagacgucgugggaacacggggugc..... 0
 Gl1a_5301477_x43.....gugggaGcacggggugccgaacu..... 1
 Gi3_26206733_x43.....gCgggaacacggggugccg..... 1

Gi1a_5300617_x43.....gGgggaacacggggugcc..... 1
 Gi2_9836766_x43.....cUgagacgucgugggaaacacggggugc..... 1
 Gi5_7971571_x43.....acgucgugNgaacacggggugccgaacu..... 1
 Gi3_26218601_x43.....aucggagacgucgugggaaacacgggA..... 1
 Gi3_26204970_x43.....ggaacacggAgugccgaacu..... 1
 Gi2_9839690_x43.....Agggaacacggggugccgaacu..... 1
 Gi5_7974796_x43.....cgucgugggaaacacggggugccgCacu..... 1
 Gi2_9844764_x43.....Uggaacacggggugccga..... 1
 Gi1_3682780_x43.....aUacgucgugggaaacacggggugccgaacu..... 1
 Gi2_9845022_x43.....ggaacacggggugcUgaacu..... 1
 Gi3_26210689_x43.....cguggaaNacggggugccga..... 1
 Gi3_26220149_x43.....guggaaacacAgggugccga..... 1
 Gi3_26207077_x43.....uAggaaacacggggugccga..... 1
 Gi3_26211764_x43.....cgucguggGacacggggugccgaacu..... 1
 Gi3_26214860_x43.....ggaacaUggggugccgaacu..... 1
 Gi3_26209313_x43.....ugggGacacggggugccga..... 1
 Gi2_9840120_x43.....ugggaacaNggggugccgaac..... 1
 Gi3_26217053_x43.....cgCcguggaaacacggggugccgaacu..... 1
 Gi3_26201917_x43.....ucAuggaaacacggggugccgaacu..... 1
 Gi1_3680974_x43.....uAggaaacacggggugccgaacu..... 1
 Gi3_26218945_x43.....gagacgucgugggaaacacggggugc..... 0
 Gi3_26219762_x43.....cggagacgucgugggaaacacggggugccgaacu..... 0
 Gi3_26198778_x43.....auUggagacgucgugggaaacacggggu..... 1
 Gi2_9847129_x43.....cggagacgucgugggaaacacgggg..... 0
 Gi1_3687041_x42.....gAgggaacacggggugccgaacu..... 1
 Gi3_26223607_x42.....gugggaacGcggggugccg..... 1
 Gi1_3689477_x42.....gacgucgugggaaacacggggugccgaac..... 0
 Gi5_7987090_x42.....gugggaCcacggggugccgaacu..... 1
 Gi5_7983226_x42.....gAaacacggggugccgaacu..... 1
 Gi3_26225287_x42.....aCcgagacgucgugggaaacacg..... 1
 Gi2_9850837_x42.....gucgugggaaacCcggggugccgaacu..... 1
 Gi3_26226379_x42.....gugggaacacggggugcUg..... 1
 Gi3_26232301_x42.....ggaacacggggugccgaCc..... 1
 Gi1_3690989_x42.....ugggaGcacggggugccgaacu..... 1
 Gi2_9849157_x42.....gAgggaacacggggugccg..... 1
 Gi3_26226883_x42.....ggaacacggAgugccgaac..... 1
 Gi2_9861001_x42.....aGcgagacgucgugggaaacacg..... 1
 Gi3_26231125_x42.....aUacgucgugggaaacacggggugcc..... 1
 Gi2_9847897_x42.....cguggaaacacggggugAcgaacu..... 1
 Gi1a_5312145_x42.....gaucggagacgucgugggaaacacg..... 0
 Gi2_9857473_x42.....aUacgucgugggaaacacggggugc..... 1
 Gi1_3688595_x42.....aacacggggugccAaacu..... 1
 Gi2_9848611_x42.....cggGgacgucgugggaaacacggggu..... 1
 Gi5_7978984_x42.....Uucgugggaaacacggggugccgaac..... 1
 Gi5_7986922_x42.....gugggaacNcggggugccgaac..... 1
 Gi3_26239777_x42.....aucggagGcucgugggaaacacg..... 1
 Gi1_3691157_x42.....gaGcacggggugccgaacu..... 1

Gi3_26222893_x42.....guUggaacacggggugccgaa.....	1
Gi2_9857515_x42.....gucgugggaacacggggg.....	0
Gi5_7993166_x41.....gCgaacacggggugccgaacu.....	1
Gi2_9866322_x41.....ggaacacggggugccAaacu.....	1
Gi3_26252410_x41.....cgugggaacaAggggugccgaacu.....	1
Gi2_9865338_x41.....gggaacacggAgugccgaacu.....	1
Gi5_7996692_x41.....ggagacgucgugggaacacggggugccgaacu.....	0
Gi5_7998209_x41.....ucgugggaGcacggggugccgaacu.....	1
Gi2_9871201_x41.....gaacacAgggugccgaacu.....	1
Gi3_26248638_x41.....ggagacgucgugggaacacgggg.....	0
Gi2_9864395_x41.....gUaacacggggugccgaa.....	1
Gi3_26253804_x41.....Cugggaacacggggugccg.....	1
Gi2_9868782_x41.....ucggGgacgucgugggaacacgg.....	1
Gi5_7990952_x41.....ugggaacacggggAgccgaacu.....	1
Gi2_9869684_x41.....aacacggggAgccgaacu.....	1
Gi3_26240110_x41.....gCacacggggugccgaacu.....	1
Gi1_3692076_x41.....ucgugggGacacggggugccgaacu.....	1
Gi5_8001776_x41.....gggaacacggggGgccgaacu.....	1
Gi1_3695848_x41.....Agaacacggggugccgaacu.....	1
Gi3_26242529_x41.....gugAgaacacggggugcc.....	1
Gi3_26266370_x40.....gaacacggUgugccgaacu.....	1
Gi5_8012734_x40.....ucgugggaacCcggggugccgaacu.....	1
Gi1a_5322628_x40.....cgugggaacacggggugccgaac.....	0
Gi1_3700477_x40.....gugggaacacggggugccgaCcu.....	1
Gi1_3701557_x40.....guggUaacacggggugccgaacu.....	1
Gi3_26279330_x40.....aacUcggggugccgaacu.....	1
Gi2_9885530_x40.....cgugggaacacggggugccgCac.....	1
Gi3_26273970_x40.....cgCgggaacacggggugccga.....	1
Gi3_26280010_x40.....gggaacCcggggugccgaacu.....	1
Gi2_9880010_x40.....gggaacacggggugccgaCc.....	1
Gi2_9876490_x40.....ucguUggaacacggggugccgaacu.....	1
Gi3_26268970_x40.....Agggaacacggggugccgaac.....	1
Gi1_3700597_x40.....acgucgugggaacacggggugccgaac.....	0
Gi3_26273810_x40.....cguAggaacacggggugccgaac.....	1
Gi2_9884250_x40.....ggUgacgucgugggaacacggggugcc.....	1
Gi5_8010294_x40.....aacacggggugccgaCcu.....	1
Gi1_3701277_x40.....cgugggaacacggggugccgaCcu.....	1
Gi1_3702037_x40.....gUaacacggggugccgaacu.....	1
Gi5_8009854_x40.....ucguUggaacacggggugccgaacu.....	1
Gi5_8006734_x40.....gggaacacggggugccgaGcu.....	1
Gi2_9884570_x40.....Gucggagacgucgugggaacac.....	1
Gi3_26267770_x40.....aCcgagacgucgugggaacacggg.....	1
Gi5_8015894_x40.....ugggaacacggggugccgaCcu.....	1
Gi3_26296797_x39.....Aucgugggaacacggggugccgaac.....	1
Gi2_9898462_x39.....guggUaacacggggugcc.....	1
Gi3_26293170_x39.....gugggaGcacggggugccg.....	1
Gi3_26286423_x39.....ggaacacggggUccgaacu.....	1

Gi2_9899554_x39.....guggaacGcggggugcc..... 1
 Gi5_8019767_x39.....cguggUacacggggugccgaacu..... 1
 Gi3_26301087_x39.....ggaacacgAggugccgaac..... 1
 Gi2_9892651_x39.....acgucguggaacacggggugccga..... 0
 Gi1_3702917_x39.....gacgucgCgggaacacggggugccgaac..... 1
 Gl1a_5335233_x39.....cUugggaacacggggugcc..... 1
 Gi3_26295861_x39.....cggagacgucguggaacacggggugccgaa..... 0
 Gi3_26294730_x39.....ggaacacggggugcAgaacu..... 1
 Gi1_3706817_x39.....cgucguggaacacggggugccg..... 0
 Gi3_26294886_x39.....ugggaacacggggugcUgaac..... 1
 Gi3_26295666_x39.....aucggagacgucguAggaacacggggugc..... 1
 Gi2_9888166_x39.....Gucggagacgucguggaacacggg..... 1
 Gi3_26286579_x39.....gGucggagacgucguggaacacggg..... 1
 Gi3_26286072_x39.....gaUcacggggugccgaac..... 1
 Gl1a_5331567_x39.....guggaacacggggugccgCacu..... 1
 Gl1a_5334726_x39.....Ugaacacggggugccgaac..... 1
 Gi2_9898189_x39.....Gucggagacgucguggaacacggggugcc..... 1
 Gi3_26294808_x39.....cgCcguggaacacggggugcc..... 1
 Gi5_8023199_x39.....ucggagacgucguggaacacggggugc..... 0
 Gi3_26287398_x39.....aucggagacgucguggGacacggg..... 1
 Gi3_26291688_x39.....gGcugcugggaacacggggugccgaacu..... 1
 Gi1_3708338_x39.....gGgggaacacggggugcc..... 1
 Gi2_9895381_x39.....agacgucguggaacacggggugccga..... 0
 Gi2_9894367_x39.....aacacggggugccgCacu..... 1
 Gi2_9891988_x39.....guAggaacacggggugccgaac..... 1
 Gi3_26293209_x39.....gacgucguggaacacggggugc..... 0
 Gi3_26302803_x39.....acgucguggaacacggggugccgCacu..... 1
 Gi5_8024603_x39.....aacacggggGgcccgaacu..... 1
 Gi2_9896083_x39.....Gucggagacgucguggaaca..... 1
 Gi2_9899983_x39.....ggaacacggggugUcgaacu..... 1
 Gi5_8018675_x39.....cUugggaacacggggugcc..... 1
 Gi3_26306296_x38.....gugCgaacacggggugccgaacu..... 1
 Gi5_8035229_x38.....ugggaacaUggggugccgaacu..... 1
 Gi2_9910371_x38.....gugggaacacggggugccgGac..... 1
 Gi1_3714278_x38.....ggaacacggggugccgCacu..... 1
 Gl1a_5341938_x38.....gugggaacCcgggugccgaacu..... 1
 Gi2_9901175_x38.....Uacgucguggaacacggggugccg..... 1
 Gi1_3708882_x38.....ucguggaacGcggggugccgaacu..... 1
 Gl1a_5339012_x38.....guggUaacacggggugccgaacu..... 1
 Gi2_9901555_x38.....Ugugggaacacggggugccgaac..... 1
 Gl1a_5340570_x38.....aucggagacgucguggaacac..... 0
 Gi1_3709718_x38.....ucguggaacacggggugccgaa..... 0
 Gi5_8032949_x38.....ugggaacacgAggugccgaacu..... 1
 Gi3_26316442_x38.....Nugggaacacggggugccgaacu..... 1
 Gi3_26321610_x38.....guggaacacggggugUc..... 1
 Gi3_26320166_x38.....aucggagacgucguggaGcacgg..... 1
 Gi3_26319216_x38.....gugggCacacggggugccgaac..... 1

Gi1_3713860_x38.....ggaacacggggCgccgaacu..... 1
 Gi3_26317772_x38.....cgugggaacacggggugccgaaA..... 1
 Gi3_26319140_x38.....Uucgugggaacacggggugc..... 1
 Gi3_26322598_x38.....aucggagacgucgugggCacacg..... 1
 Gi3_26311046_x38.....gugggaGcacggggugcc..... 1
 Gi1_3710782_x38.....gugggaacacggggugccAaacu..... 1
 Gi2_9902543_x38.....cgCcgugggaacacggggugccgaacu..... 1
 Gi3_26307170_x38.....ugggaacacggggCgccgaa..... 1
 Gi2_9909497_x38.....cgugggaacacggggugccgaCc..... 1
 Gi1_3710744_x38.....acgucgCgggaacacggggugccg..... 1
 Gi3_26327044_x38.....guUgugggaacacggggugccgaac..... 1
 Gi2_9912993_x38.....cUucgugggaacacggggugccgaac..... 1
 Gi3_26316404_x38.....uCggaacacggggugccgaa..... 1
 Gi3_26327310_x38.....cgugggaCcacggggugccgaac..... 1
 Gi5_8031201_x38.....gGgggaacacggggugccgaa..... 1
 Gi1_3713784_x38.....gGgggaacacggggugccgaac..... 1
 Gi1_3710212_x38.....ugggaacGcggggugccgaacu..... 1
 Gi2_9908167_x38.....gagacgucgugggaacacggggugccgaac..... 0
 Gi3_26321572_x38.....gugggaacacggggCgccg..... 1
 Gl1_5343686_x38.....aucggagacgucgugggaacacgggg..... 0
 Gi3_26343001_x37.....gaucggagacguUgugggaacacggg..... 1
 Gi3_26333640_x37.....gaacacggggCgccgaa..... 1
 Gi2_9919814_x37.....gugggaacacggggugcUgaac..... 1
 Gi3_26333344_x37.....acgucgugggaacacggggGgccgaacu..... 1
 Gi3_26350290_x37.....ugggCacacggggugccgaacu..... 1
 Gi3_26347071_x37.....aucggagacgucgugggaCcacggg..... 1
 Gi3_26350660_x37.....cguUgugggaacacggggugccgaacu..... 1
 Gi3_26346479_x37.....gugggaacacggggugcUga..... 1
 Gi2_9913487_x37.....cgugggaacacggggugccgaGc..... 1
 Gi2_9922774_x37.....aacacAgggugccgaacu..... 1
 Gi2_9914486_x37.....ggaacacggggugccgaCcu..... 1
 Gi2_9918001_x37.....ggaGcacggggugccgaac..... 1
 Gi1_3716548_x37.....ggaacacggggugccgaacu..... 0
 Gi5_8053663_x37.....ucgugggaacacggggGgccgaacu..... 1
 Gi1_3715586_x37.....Uucgugggaacacggggugcc..... 1
 Gi3_26346627_x37.....cguggUaacacggggugccgaacu..... 1
 Gl1_5345768_x37.....cgaucggagacgucgugggaacacggg..... 0
 Gi1_3719397_x37.....Gcgugggaacacggggugccgaac..... 1
 Gi3_26338006_x37.....Uaacacggggugccgaacu..... 1
 Gi2_9925882_x37.....cgugggaacUcggggugccgaacu..... 1
 Gi2_9917113_x37.....gcaucggagacgucgugggaacacgg..... 0
 Gi3_26336082_x37.....ugggaacacgggUugccgaac..... 1
 Gi2_9924402_x37.....aacacggggugccgGacu..... 1
 Gl1_5350800_x37.....gGgggaacacggggugccgaac..... 1
 Gi5_8056192_x36.....gAgaacacggggugccgaacu..... 1
 Gi3_26364971_x36.....cgugggaacacggggugcGgaacu..... 1
 Gi3_26373251_x36.....gaacacggggugGcgaacu..... 1

Gi5_8060152_x36.....aacacggAgugccgaacu..... 1
Gi2_9941031_x36.....gugggaacacAgggugcc..... 1
Gi3_26363243_x36.....cgugggaacacggggugccGac..... 1
Gi3_26372099_x36.....cgucgugggaacacggggugccAaacu..... 1
Gi3_26361947_x36.....guAggaacacggggugccga..... 1
Gi3_26371307_x36.....ugggaaacacggggugccgaG..... 1
Gi5_8059684_x36.uUcgauccgagacgucgug..... 1
Gi3_26359751_x36.....gggaacacggggugccAaac..... 1
Gi2_9938691_x36...Uaucggagacgucgugggaacacggggug..... 1
Gi3_26353163_x36.....Gucggagacgucgugggaacacggggugcc..... 1
Gi2_9937935_x36.....gGgacgucgugggaacacggggugccg..... 1
Gi3_26358563_x36.....acgucgugggaacGcggggugccgaacu..... 1
Gi5_8062888_x36.....cgCcgugggaacacggggugccgaacu..... 1
Gi1_3720579_x36.....ggagacgucgugggaacacggggugc..... 0
Gi3_26361011_x36.....agacgucgugggaacacggggugccgaa..... 0
Gi1_3724431_x36.....Ugagacgucgugggaacacggggugcc..... 1
Gi5_8056264_x36.....gaacacggggugccAaacu..... 1
Gi1_3726159_x36.....ucgugggaacacggggugccgaGcu..... 1
Gi3_26362055_x36.....aacacggggugccgaaAu..... 1
Gi2_9935739_x36.....aacacggggugcUgaacu..... 1
Gi1_3722523_x36.....uCGgaacacggggugccgaacu..... 1
Gi2_9935955_x36.....cUgagacgucgugggaacacgggggu..... 1
Gi1_3723243_x36...aucggagacgucgCgggaacacggggugcc..... 1
Gi3_26362235_x36.....ucgugggaacacggggugccgaGc..... 1
G1a_5355887_x36.....gagacgucgugggaacacg..... 0
Gi3_26374403_x36..gcgaucggagacgucgugggaac..... 0
Gi2_9940923_x36.....ucgugggaacGcggggugccgaacu..... 1
G1a_5359379_x36.....ggaacacgNggugccgaacu..... 1
Gi2_9932031_x36.....ucgugggaacacggggGgccgaacu..... 1
Gi5_8065480_x36.....gUgaacacggggugccgaa..... 1
Gi3_26353991_x36...aucggagacgCcgugggaacacgggggu..... 1
Gi5_8054860_x36.....ggagacgucgugggaacacggggugcc..... 0
Gi3_26370947_x36.....Gcugggaacacggggugc..... 1
Gi3_26357627_x36..gcgaucggagacgucgugggaacacggggugcc..... 0
Gi2_9932535_x36.....gUgaacacggggugccgaa..... 1
Gi2_9936747_x36.....Uacacggggugccgaacu..... 1
Gi3_26374619_x36.....ucgugggaacaUggggugccgaacu..... 1
Gi5_8068054_x35.....gggUacacggggugccgaacu..... 1
Gi3_26396640_x35..cgauccgagacgucgugggaacacggggugcc..... 0
Gi1_3727092_x35.....ucguUggaacacggggugccgaacu..... 1
Gi3_26375535_x35.....gggaacacggggugcUgaac..... 1
Gi3_26389220_x35.....gugggaacacggggugccCaacu..... 1
Gi5_8078589_x35.....gugggaacacggggugccgUacu..... 1
Gi3_26387330_x35.....gggUacacggggugccgaacu..... 1
Gi2_9946269_x35.....guAggaacacggggugcc..... 1
Gi1_3731292_x35.....cCugggaacacggggugccgaacu..... 1
Gi3_26385965_x35.....cgucgugggaacacggggugccgaGcu..... 1

Gi5_8068264_x35.....gaacaUggggugccgaacu..... 1
 Gi3_26385755_x35.....ggaacCcgggugccgaac..... 1
 Gi5_8071484_x35.....ggagacgucguggaaca..... 0
 Gi3_26378300_x35.....ucgugAgaacacggggugccgaacu..... 1
 Gi3_26374870_x35.....ucUgggaaacacggggugccgaacu..... 1
 Gi1_3730802_x35.....cgugggaacacggggugccgaGcu..... 1
 Gi3_26394190_x35.....gggaacacggggugccgaaAu..... 1
 Gi3_26386420_x35.....aucggagacgucgugggGacacggggu..... 1
 Gi3_26385580_x35.....ugggaacacggggugccgC..... 1
 Gi3_26384670_x35.....Aggaacacggggugccgaa..... 1
 Gi1_3733112_x35.....cgugggGacacggggugccgaacu..... 1
 Gi3_26394680_x35.....aucggagacgucgugggaacGcg..... 1
 Gi3_26382535_x35.....gGcgugggaacacggggugcc..... 1
 Gi3_26379875_x35.....aucggagacgCcgugggaacacggg..... 1
 Gi3_26375570_x35.....cgugggaacacggggugcAgaac..... 1
 Gi3_26381940_x35.....cgugggaaNacggggugccgaa..... 1
 Gi2_9952009_x35.....ucggGgacgucgugggaacacggggug..... 1
 Gi1_3730627_x35.....guAggaacacggggugccgaacu..... 1
 G1a_5367175_x35.....gugggaacacAgggugccgaacu..... 1
 Gi2_9955544_x35.....gCaacacggggugccgaac..... 1
 Gi2_9955159_x35.....gAgggaacacggggugcc..... 1
 Gi5_8076664_x35.....ugggaacUcggggugccgaacu..... 1
 G1a_5362170_x35.....cgaucggagacgucgugggaa..... 0
 Gi3_26376655_x35.....cgucgCgggaacacggggugccgaacu..... 1
 Gi3_26377180_x35.....cgugggaacacgAggugccgaac..... 1
 Gi4_486007_x35.....aucggagacgucgugggaacacggggugcc..... 0
 G1a_5361225_x35.....gacgucgugggaacacggggugccgaacu..... 0
 Gi1_3730417_x35.....aucggagacgucgugggaacacggg..... 0
 Gi3_26394295_x35.....cgugggaaUacggggugccgaac..... 1
 Gi2_9949279_x35.....cgugggaacacggggCgccgaac..... 1
 Gi1_3733761_x34.....aacacggggugccgGacu..... 1
 Gi5_8083733_x34.....Augggaacacggggugccgaac..... 1
 Gi2_9968139_x34.....ugggaacacggggugccgGacu..... 1
 Gi2_9965589_x34.....cgaucggagacgucgugggaacacgggg..... 0
 Gi2_9962665_x34.....gugggaacacggggGgccg..... 1
 Gi2_9963821_x34cugcgaucggagacgucgugggaacac..... 0
 Gi2_9956919_x34.....cgCgggaacacggggugcc..... 1
 Gi1_3733285_x34.....cgugggaGcacggggugccgaacu..... 1
 Gi3_26416944_x34.....gaacacggggugAcgaacu..... 1
 Gi3_26411470_x34.....gaucggagacgucgugggaacacggggugccg..... 0
 Gi3_26409838_x34.....ucgugggaacacggggugccgaUc..... 1
 Gi5_8092097_x34.....gucgugggNacacggggugccgaacu..... 1
 Gi2_9956239_x34.....gugggaacaUggggugccgaac..... 1
 Gi5_8081557_x34.....Ccgugggaacacggggugccgaacu..... 1
 Gi3_26406132_x34.....gAgggaacacggggugccgaa..... 1
 G1a_5370054_x34.....cgugggaaNacggggugccgaacu..... 1
 Gi2_9956613_x34.....aucggagaNgucgugggaacacggggugc..... 1

Gi3_26417080_x34.....gugggaacacggggugAcgaaC..... 1
 Gi2_9958007_x34.....Augggaacacggggugccga..... 1
 Gi2_9958585_x34.....aGcgagacgucgugggaacacggggug..... 1
 Gi3_26406472_x34.....guggUaacacggggugccgaa..... 1
 Gi3_26418508_x34.....uAggaaacacggggugccgaa..... 1
 Gi2_9959333_x34.....aucggagacgucguggggaGcacggggu..... 1
 Gi5_8083699_x34.....gucgugggaacacggggGgccgaacu..... 1
 Gi3_26410416_x34.....ugggaGcacggggugccga..... 1
 Gi3_26405350_x34.....gucgugggaacacggggGgccgaac..... 1
 Gi5_8091689_x34.....ugggaacCcggggugccgaacu..... 1
 G1a_5368014_x34.....gugggaacacggggugccgGacu..... 1
 Gi3_26414836_x34.....Ugucgugggaacacggggugccgaacu..... 1
 Gi3_26399910_x34.....ggaacacggggguAccgaac..... 1
 Gi5_8084481_x34.....gGgggaacacggggugcc..... 1
 Gi2_9959265_x34.....ugggaacacgggUugccgaacu..... 1
 Gi2_9971029_x34.....cgucgugggaacacggggugccgCacu..... 1
 G1a_5371924_x34.....gaucggagacgucgugggaacacgg..... 0
 Gi3_26412116_x34.ugcgauccgagacgucguggggaacacggggu..... 0
 Gi2_9967493_x34.....ggaacGcggggugccgaac..... 1
 Gi2_9961339_x34.....gAaacacggggugccgaac..... 1
 Gi2_9982152_x33.....Ggacgucgugggaacacggggugccgaacu..... 1
 Gi1_3738783_x33.....Uugggaacacggggugccgaacuu..... 1
 Gi1_3740829_x33.....Uugggaacacggggugccga..... 1
 Gi3_26429581_x33.....gugggaacacgCggugccgaacu..... 1
 Gi3_26427106_x33.....gucgugggaacacAgggugccgaacu..... 1
 Gi3_26430769_x33.....Uacgucgugggaacacacggggugccg..... 1
 Gi3_26428888_x33.....gggaacacgggAugccgaacu..... 1
 Gi3_26421166_x33.....gagacgucgugggaacacggggugccga..... 0
 Gi2_9977862_x33.....ugggaacacggggugccAaacu..... 1
 Gi5_8094633_x33.....uggAaacacggggugccgaacu..... 1
 Gi5_8096745_x33.....gGgggaacacggggugccgaacuu..... 1
 Gi2_9982317_x33.....ggaacacggggugccgaUc..... 1
 Gi2_9984297_x33.....cgugggaacacggggugccgaUc..... 1
 Gi2_9971988_x33..gcgauccgagacgucgugggaaca..... 0
 Gi3_26437006_x33.....gugggaacacggggugccgC..... 1
 Gi3_26439811_x33.....cgugggaacacgggguAccgaac..... 1
 Gi3_26441857_x33...gGucggagacgucgugggaacacggggu..... 1
 G1a_5382125_x33.....Agaacacggggugccgaacu..... 1
 Gi3_26438590_x33.....gucgugggNacacggggugccgaac..... 1
 Gi2_9979776_x33.....ggGacacggggugccgaac..... 1
 Gi3_26427502_x33.....ggaacacggggugUcgaac..... 1
 Gi3_26441329_x33.....cguggAaacacggggugccgaac..... 1
 Gi1_3739542_x33.....Ccgugggaacacggggugccgaacu..... 1
 Gi3_26420275_x33.....cgucgugggaacacggggCgcc..... 1
 Gi1_3741456_x33.....cgugggaacacggggCgccgaacu..... 1
 G1a_5382356_x33.....gAgggaacacggggugccgaacu..... 1
 Gi2_9975849_x33.....cgugggGacacggggugccgaac..... 1

Gi3_26433607_x33.....aCcgagacgucguggaacacggggu..... 1
Gi5_8096712_x33.....aGcgagacgucguggaacacg..... 1
Gi1_3741753_x33.....aucgagacgucgCgggaacacgggg..... 1
Gi2_9975189_x33.....gugggaGcacggggugccg..... 1
Gi2_9979611_x33.....guggaacacggUgugccgaac..... 1
Gi3_26432749_x33.....guggaacacgAggugcc..... 1
Gi2_9978423_x33.....gggaacaUggggugccgaacu..... 1
Gi2_9974793_x33.....ugggaaUacggggugccgaacu..... 1
Gi5_8100573_x33.....gaacacgAggugccgaacu..... 1
Gi3_26426677_x33.....ugUgaacacggggugccga..... 1
Gi5_8093742_x33.....cgGcguggaacacggggugccgaacu..... 1
Gi2_9983307_x33.....Ggggaacacggggugccg..... 1
Gi2_9983802_x33.....gucgugggGacacggggugccgaacu..... 1
Gi1_3747520_x32.....gagacgucgCgggaacacggggugcc..... 1
Gi5_8108326_x32.....Uagacgucguggaacacggggugccgaacu..... 1
Gi5_8109254_x32.....Gguggaacacggggugccgaac..... 1
Gi3_26452478_x32.....ucguggaacacggggugccgaCcu..... 1
Gi3_26458078_x32.....cgGcguggaacacggggugcc..... 1
Gi3_26461022_x32.....cUgagacgucguggaacacg..... 1
Gi3_26458462_x32.....ucgugggGacacggggugccgaac..... 1
Gi5_8107078_x32.....ucguggaacacggggUaccgaacu..... 1
Gi1_3747712_x32.....gaacacggggugccgGacu..... 1
Gi5_8105638_x32.....uggaacacggggUaccgaacu..... 1
Gi3_26449150_x32.....cUucguggaacacgggg..... 1
Gi2_9997693_x32.....aGcgagacgucguggaacacggg..... 1
Gi3_26445374_x32.....gugggaaAacggggugcc..... 1
Gi2_9992317_x32.....gCcguggaacacggggugccgaacu..... 1
G1a_5387533_x32.....Uuggaacacggggugccg..... 1
G1a_5384269_x32.....ggUacacggggugccgaacu..... 1
Gi1_3746368_x32.....aucgagacgucgCgggaacacggggugc..... 1
Gi2_9997853_x32.....aucggagaNgucguggaacac..... 1
Gi3_26453214_x32.....gucguggaacacggggugccgGacu..... 1
Gi2_9995805_x32.....gggaacacAgggugccgaacu..... 1
Gi5_8109126_x32.....guggaacCcgggugccgaac..... 1
Gi2_9995933_x32.....ucgGggaacacggggugccgaacu..... 1
Gi3_26451550_x32.....cgugggaaNacggggugc..... 1
Gi3_26458686_x32.....ggaacacgggAugccgaacu..... 1
Gi3_26458910_x32.....ggaacacggggugcAgaacu..... 1
Gi2_9996253_x32.....gugAgaacacggggugccgaac..... 1
Gi1_3745568_x32.....cgaucgagacgucguggaacacggggU..... 1
Gi3_26447710_x32.....gaaNacggggugccgaacu..... 1
Gi3_26453470_x32.....cggagacgucguggaacacggggugccgaac..... 0
Gi2_9998013_x32.....gggaacacggggugccAaacu..... 1
Gi5_8110886_x32.....gCggaacacggggugccgaac..... 1
Gi1_3745504_x32.....acgucguggaacacggggugccga..... 0
Gi3_26445854_x32.....cguggaacacggUgugccgaacu..... 1
Gi3_26464606_x32.....gaacacggggugccgaGc..... 1

Gi3_26469214_x32.....gugggaacacggggAgcc.....	1
Gi4_488999_x32.....gaacacggggugccgaacu.....	0
Gi2_9992189_x32.....gugggaacacgAgggugccgaac.....	1
Gi3_26468446_x32.....cgugggaacacggCgugccgaacu.....	1
Gi3_26459518_x32.....gucgCgggaacacggggugccgaacu.....	1
Gi3_26447390_x32.....guNggaacacggggugccgaacu.....	1
Gi3_26483854_x31.....gucgugggaacacggggugccgaaAu.....	1
Gi3_26482211_x31.....gugggaacacggggUccgaacu.....	1
Gi2_10004327_x31.....aucggagacgucgugggaCcacggggu.....	1
Gi4_489954_x31.....cgucgugggaacacggggugcc.....	0
Gi3_26471268_x31.....cgGgggaacacggggugcc.....	1
Gi1_3753431_x31.....cgucgugggaacacggggugccgaa.....	0
Gi3_26484753_x31.....gucgugggaacacggggugccgac.....	1
Gi3_26480661_x31.....aucgUagacgucgugggaacacg.....	1
Gi1_3751695_x31.ugcgaucggagacgucgugggaacacg.....	0
Gi2_10010992_x31.....gugggaacNcggggugccgaa.....	1
Gi3_26473779_x31.....ugggaacacgggCugccgaacu.....	1
Gi3_26489992_x31.....ggaacacggggugcAgaac.....	1
Gi3_26474957_x31.....cgucgugggaacacggggugccgCac.....	1
Gi3_26483141_x31.....cgugggaacacggggugUcgaac.....	1
Gi5_8123185_x31.....Ggacgucgugggaacacggggugccgaacu.....	1
Gi2_10010713_x31.....gucgugggaacGcggggugccgaacu.....	1
Gi2_10005846_x31.....cgucgugggaacacggggCgcccgaacu.....	1
Gi3_26488380_x31.....ggaacacgggAugccgaac.....	1
Gi5_8119062_x31.....ucgugggaacacAgggugccgaacu.....	1
Gi3_26473965_x31.....gggaacaUggggugccgaac.....	1
Gi2_10005660_x31.....cgugUgaacacggggugccgaac.....	1
Gi2_10012294_x31.....ggGgacgucgugggaacacggggugccg.....	1
Gi3_26472539_x31.....gugggaacaAgggugccgaac.....	1
Gi5_8118721_x31.....ggaacacggggugccAaacu.....	1
Gi2_10001599_x31.....aucggagaNgucgugggaacacggggu.....	1
Gi5_8127773_x31.....gucgugggaacacggggugccgCacu.....	1
Gi5_8121976_x31.....cgugggaacacggggugccgUacu.....	1
Gi3_26484970_x31.....gugggaacacggggugAc.....	1
Gi3_26480351_x31.....cgAcgugggaacacggggugccgaacu.....	1
Gi3_26481374_x31.....gugggaacacggggugccgGa.....	1
Gi1_3752098_x31.....Uaacacggggugccgaac.....	1
Gi3_26487202_x31.....ggaaGacggggugccgaacu.....	1
Gi1_3753338_x31.....ucgugggaGcacggggugccgaacu.....	1
Gi2_10009752_x31...Uaucggagacgucgugggaacacgggg.....	1
Gi5_8122844_x31.....gggaacacggggugccgGacu.....	1
Gi1_3751943_x31...cgaucggagacgucgCgggaacacgggg.....	1
Gi2_9999925_x31.....ggUaacacggggugccgaac.....	1
Gi2_10012108_x31.....gugggaaUacggggugccgaac.....	1
Gi1_5396526_x31.....ucggagacgucgugggaacacggggu.....	0
Gi3_26473624_x31.....ggaacacggggugccgaUcu.....	1
Gi2_9999429_x31.....guggCaacacggggugccgaacu.....	1

Gi4_490326_x31	.....uUggaacacggggugccgaacu	1
Gi3_26487822_x31	.....gaacaGggggugccgaacu	1
Gi2_10010930_x31	.....ucgugggaacacggggugccgaGcu	1
Gi2_10008729_x31	.....aacacggggGgccgaacu	1
Gi2_10012418_x31	.....aacacggggugccgaCcu	1
Gi2_10020145_x30	.....Gggagacgucgugggaacacggggugcc	1
Gi3_26517120_x30	.....gugggaacacgggguAccg	1
Gi2_10013965_x30	.....ucAugggaacacggggugccgaacu	1
Gi3_26494950_x30	.....cgucguggNaacacggggugccgaac	1
Gi2_10024435_x30	.....auUggagacgucgugggaacacggggg	1
Gi3_26494380_x30	.....cAucgugggaacacggggugccgaacu	1
Gi2_10029025_x30	.....ucgCgggaacacggggugccgaacu	1
Gi2_10027135_x30	.....gaacacggggugccgGacu	1
Gi5_8140765_x30	.....gagacgucgugggaacacggggugccgaac	0
Gi5_8133085_x30	.....gugggaacacggggugGcgaacu	1
G1a_5401056_x30	.....ggagacgucgugggaacacggggugc	0
Gi3_26493420_x30	.....ugUgaacacggggugccgaa	1
Gi2_10025755_x30	.....guggAaacacggggugccgaac	1
Gi3_26497440_x30	.....cgugggaacacggggugGcgaacu	1
Gi5_8131495_x30	.....ugggaaUacggggugccgaacu	1
Gi4_491189_x30	.....Uugggaacacggggugccgaa	1
Gi2_10019155_x30	.....Aagacgucgugggaacacggggug	1
Gi1_3762185_x30	.....cUugggaacacggggugccga	1
Gi2_10017985_x30	.....ucguAggaacacggggugccgaacu	1
Gi3_26497290_x30	.....ucgugggaacacggggugcUgaacu	1
Gi2_10021645_x30	.....aucggagacgucgugggaacacggggugA	1
G1a_5402796_x30	.....ggagacgucgugggaacacg	0
Gi2_10015435_x30	.....cgucguggNaacacggggugccgaacu	1
Gi3_26498640_x30	.....Ggucgugggaacacggggugccg	1
Gi2_10014415_x30	.....gGucggagacgucgugggaacacggggg	1
Gi3_26504700_x30	.....gggaacacgggguAccgaac	1
Gi3_26497410_x30	.....gugggaacUcggggugccgaac	1
Gi3_26514900_x30	.....gcgaucggagacgucgugggaacacgg	0
Gi2_10019065_x30	.....aucggagacgucgugggaacacggggC	1
Gi1_3760325_x30	.....ucggagacgucGgggaacacggggugcc	1
Gi3_26511750_x30	.....gggaacacggggugccgUacu	1
Gi2_10022665_x30	.....uGgugggaacacggggugccgaac	1
Gi3_26508330_x30	.....aucggagacgCcgugggaacacg	1
Gi3_26503680_x30	.....aacNcggggugccgaacu	1
Gi2_10027435_x30	.....auUggagacgucgugggaacacggggugc	1
Gi3_26516880_x30	.....Cgggaacacggggugccga	1
Gi2_10021615_x30	.....gugggaacacggggugUcgaac	1
Gi1_3756665_x30	.....gaacacAgggugccgaacu	1
Gi1_3762245_x30	.....cgucgCgggaacacggggugccg	1
Gi2_10019665_x30	.....gucgugggaacacggggugccgGacu	1
Gi5_8130865_x30	.....gaacacggggGgccgaacu	1
G1a_5408346_x30	.....cggagacgucgugggaacacg	0

Gi5_8138905_x30.....Gcgucgugggaacacggggugccgaacu..... 1
Gi5_8142385_x30.....ggaacacggggugccgUacu..... 1
Gi3_26502780_x30....aucggGgacgucgugggaacacgggggu..... 1
Gi5_8140885_x30.....cgucgugggaacacggggugccgaGcu..... 1
Gi3_26509080_x30.....cUgagacgucgugggaacacggg..... 1
Gi1_3756965_x30.....cgugggaacacAgggugccgaacu..... 1
Gi2_10023295_x30.....Ccgugggaacacggggugccgaacu..... 1
Gi3_26509320_x30.....gucgugggaacacggggCgccgaac..... 1
Gi5_8141875_x30.....cgugggaacCggggugccgaacu..... 1
Gi1_3763131_x29.....ucggagacgucgCgggaacacggggugc..... 1
Gi2_10030947_x29.....gugggaacacggCgugccgaacu..... 1
Gi3_26540051_x29.....ucgGgggaacacggggugccgaacu..... 1
Gi1_3766669_x29....aucggGgacgucgugggaacacggggugc..... 1
Gi5_8149378_x29.....gucgugggaacacggggugccgaCcu..... 1
Gi3_26539587_x29.....ugggaGcacggggugccgaa..... 1
Gi3_26542081_x29.....gugggaacacggAgugccga..... 1
Gi1_3766988_x29.....agacgucgugggaacacggggugccga..... 0
Gi3_26530771_x29.....cgucAugggaacacggggugccgaacu..... 1
Gi2_10029439_x29.....Ggucgugggaacacggggugccg..... 1
Gi3_26535266_x29.....gugggaacacggUgugcc..... 1
Gi2_10039618_x29.....gUgacgucgugggaacacggggugc..... 1
Gi3_26517837_x29.....guAggaacacggggugccg..... 1
Gi3_26535556_x29.....gGcgugggaacacggggugccga..... 1
Gi3_26535585_x29.....gugggaacacCgggugccgaacu..... 1
Gi3_26531757_x29....aucggagacgucgugggaacacggggugccgaacu..... 0
Gi2_10043330_x29.....Uagacgucgugggaacacggggugccg..... 1
Gi2_10037037_x29.....gugggaaAacggggugcc..... 1
Gi2_10030077_x29.....Uugggaacacggggugccgaacu..... 1
Gi2_10037211_x29.....cgugggaacacggggugccgaacG..... 1
Gi3_26528422_x29.....ucgugggaacacggggAgccgaacu..... 1
Gi5_8152017_x29.....Cacacggggugccgaacu..... 1
Gi3_26529611_x29.....gugggaacacggggugcA..... 1
Gi2_10038313_x29....ucggGgacgucgugggaacacgggggu..... 1
Gi2_10040256_x29.....ugggaacacggggugcAgaacu..... 1
Gi3_26523898_x29.....gacAucgugggaacacggggugc..... 1
Gi3_26533323_x29.....Ugagacgucgugggaacacggggugccg..... 1
Gi2_10036283_x29.....Cacgucgugggaacacggggugccgaac..... 1
Gi3_26527436_x29.....Gcgucgugggaacacggggugccgaac..... 1
Gi1_3765712_x29.....ugUgaacacggggugccgaacu..... 1
Gi2_10030860_x29.....ugAgaacacggggugccgaacu..... 1
Gi3_26528451_x29.....acgucgugNgaacacggggugccgaac..... 1
Gi3_26535179_x29.....gucgugggaaAacggggugccgaacu..... 1
Gl1a_5408552_x29....cggagacgucgugggaacacgg..... 0
Gi3_26541849_x29.....Uggaacacggggugccgaacu..... 1
Gi2_10043533_x29.....ucgugggaacacggggugccgaCcu..... 1
Gi1_3763160_x29.....Aucgugggaacacggggugccgaacu..... 1
Gi2_10042431_x29.....cgGcugggaacacggggugccgaacu..... 1

Gi2_10041996_x29.....ucgugggaacCcggggugccgaacu..... 1
 Gi2_10042576_x29.....ggaacacgAggugccgaacu..... 1
 Gi3_26530713_x29.....uUgugggaacacggggugccgaac..... 1
 Gi3_26532540_x29.....cgNgggaacacggggugccgaacu..... 1
 Gi2_10030889_x29.....gugggaacNcggggugccga..... 1
 Gi3_26519403_x29.....gggaaAacggggugccgaacu..... 1
 Gi1_3765944_x29.....cUugggaacacggggugccgaac..... 1
 Gi3_26538108_x29.....guggAaacacggggugccga..... 1
 Gi1_3765422_x29.....aacacAgggugccgaacu..... 1
 Gi2_10038632_x29.....ggaacaUggggugccgaacu..... 1
 Gi2_10038922_x29.....cgugCgaacacggggugccgaacu..... 1
 Gi5_8147986_x29.....gaaUacggggugccgaacu..... 1
 Gi1_3764378_x29.....cgugggaacacggggugcc..... 0
 Gi3_26522912_x29..gcgaucggagacgucgugggaacacggggu..... 0
 Gi5_8149175_x29.....gugggaacacggggugccgaUc..... 1
 Gi5_8148189_x29.....ggaacacAgggugccgaacu..... 1
 Gi3_26541936_x29.....cgAgggaacacggggugcc..... 1
 Gi2_10055949_x28.....ggaacacggggGgccgaac..... 1
 Gi3_26563961_x28.....gggaUcacggggugccgaacu..... 1
 Gi3_26547637_x28.....gUagacgucgugggaacacg..... 1
 Gi5_8157757_x28.....ugggaacacggggugcAgaacu..... 1
 Gi2_10048389_x28.....ggaacacgggguAccgaacu..... 1
 Gl1a_5419226_x28.....gucgugggaacacggggugccga..... 0
 Gi3_26566229_x28.....aucggagacgucgugggaCcacg..... 1
 Gi1_3774384_x28.....cAugggaacacggggugccgaacu..... 1
 Gi2_10058833_x28.....cggGgacgucgugggaacacggggugccg..... 1
 Gi5_8165261_x28.....acgucguggGacacggggugccgaacu..... 1
 Gi2_10050069_x28.....cgggagacgucgugggaacCcggggugcc..... 1
 Gi2_10053233_x28.....aucggagacgucgugggaGcac..... 1
 Gi2_10050321_x28.....Ggugggaacacggggugccga..... 1
 Gi3_26561133_x28.....gugggaacacAgggugccgaa..... 1
 Gi2_10054157_x28.....cgugggaaAacggggugccgaacu..... 1
 Gi3_26544473_x28.....ugggaacacggggugcAgaac..... 1
 Gi2_10047941_x28.....ucgugggaacacggggCgccgaac..... 1
 Gi2_10058105_x28...Uaucggagacgucgugggaacacggggugcc..... 1
 Gi3_26556821_x28.....cgugggaacacggggugccgaaU..... 1
 Gi1_3770268_x28.....cgucgugggaacacggggGgccgaacu..... 1
 Gi2_10057237_x28.....gugggaacaGggggugccgaacu..... 1
 Gi2_10046961_x28.....cgugggaUcacggggugccgaacu..... 1
 Gi5_8161621_x28.....cgucguggGacacggggugccgaacu..... 1
 Gl1a_5419422_x28.....ggagacgucgugggaacac..... 0
 Gi2_10047885_x28...gaucggGgacgucgugggaacacggggug..... 1
 Gi2_10052141_x28.....aucggGgacgucgugggaacacggggugccg..... 1
 Gi3_26559033_x28.....gucgugggaacacggggugcUgaacu..... 1
 Gi5_8163217_x28.....ugggaacacggAgugccgaacu..... 1
 Gi2_10048949_x28.....cgugggGacacggggugccga..... 1
 Gi2_10053905_x28.....ggaacacggAgugccgaacu..... 1

Gi3_26563821_x28.....acgucgugggaGcacggggugccgaacu..... 1
Gi3_26550409_x28.....Uucgugggaacacggggugccgaa..... 1
Gi3_26550045_x28.....cgCgggaacacggggugcc..... 1
Gi3_26572863_x27.....guCggaacacggggugccgaacu..... 1
Gi5_8170757_x27.....aacaGggggugccgaacu..... 1
Gi3_26575239_x27.....ggaacacggggugccgaaU..... 1
Gi3_26574105_x27.....acgucgugggaacCcgggugccgaacu..... 1
Gi3_26575374_x27.....gucgugggaacacggggugccgaGc..... 1
Gi1_3778707_x27.....Gcgugggaacacggggugcc..... 1
Gi1_3778194_x27.....Cgaacacggggugccgaacu..... 1
Gi3_26574861_x27.....aucggagGcgucgugggaacacggggug..... 1
Gi3_26591385_x27.....gggaacacggggAgccgaacu..... 1
Gi5_8172080_x27.....gucgugggaacacggggCgccgaacu..... 1
Gi1_3779652_x27.....Ugugggaacacggggugccgaacu..... 1
Gi3_26581314_x27.....cUaucggagacgucgugggaacacg..... 1
Gi3_26583312_x27.....acgucgugggGacacggggugccgaacu..... 1
Gi5_8171432_x27.....gggaacacggggugcUgaacu..... 1
Gi2_10072037_x27.....gacgucgugggaacacggggugccga..... 0
Gi3_26571999_x27.....aucgUagacgucgugggaacacggg..... 1
Gi2_10066232_x27.....Gucggagacgucgugggaacacg..... 1
Gi3_26589198_x27.....ugggaacacggggAgccgaac..... 1
G1a_5432603_x27.....guAggaacacggggugccgaacu..... 1
Gi3_26575617_x27.....ucUugggaacacggggugccgaac..... 1
Gi3_26570514_x27.....ucgugggaacacUgggugccgaacu..... 1
Gi2_10066799_x27.....gcgaucggGgacgucgugggaacacgg..... 1
Gi2_10064207_x27.....gugggaacacggggugcUg..... 1
G1a_5427878_x27.....gugggaacacggggugcUgaacu..... 1
Gi4_495473_x27.....cgucgugggaacacggggugccgaacu..... 0
Gi1_3777033_x27.....gugAgaacacggggugccgaacu..... 1
Gi3_26569164_x27.....acgucgCgggaacacggggugccgaacu..... 1
Gi1_3778464_x27.....ggaacacggggugccgaacA..... 1
Gi1_3778086_x27.....ggaGcacggggugccgaacu..... 1
Gi3_26572647_x27.....ggaacacggggUccgaac..... 1
Gi5_8177426_x27.....aacacggggugUcgaacu..... 1
Gi2_10066745_x27.....gCgggaacacggggugccg..... 1
Gi3_26570595_x27.....cgGgggaacacggggugccga..... 1
G1a_5426096_x27.....gugggaacacggggugccgaCcu..... 1
Gi1_3775980_x27.....gggaacacggggugccgCacu..... 1
Gi2_10070579_x27.....guUggaacacggggugccg..... 1
Gi1_3777573_x27.....acgucgugNgaacacggggugccgaacu..... 1
Gi2_10069418_x27.....gUgaacacggggugccga..... 1
G1a_5430767_x27.....ucggagacgucgugggaacacg..... 0
Gi2_10068446_x27.....cgugggaacacggggugGcgaacu..... 1
Gi5_8169461_x27.....gaacacggggugUcgaacu..... 1
Gi1_3778329_x27.....Ugagacgucgugggaacacggggugccg..... 1
Gi3_26582853_x27.....cgucgugggaacacggggCgccgaac..... 1
Gi5_8177183_x27.....ugggaCcacggggugccgaacu..... 1

Gi2_10069580_x27.....aacacggggugccAaacu..... 1
 Gi3_26601389_x26.....cgucgugggGacacggggugccgaac..... 1
 Gi2_10086793_x26..gcgacgGgacgucgugggaacacg..... 1
 Gi2_10076237_x26.....gugggaacacggggugccUaacu..... 1
 Gi3_26599543_x26.....cgugggaacacggggGgccgaac..... 1
 Gi5_8186694_x26.....gaacacggggAccgaacu..... 1
 Gi2_10075691_x26.....Uacgucgugggaacacggggg..... 1
 Gi5_8189502_x26.....ggagacgucgugggaacacggggugccgaac..... 0
 Gl1a_5434619_x26.....cgGgggaacacggggugccgaacu..... 1
 Gi2_10085545_x26.....gucgugggaGcacggggugccgaacu..... 1
 Gl1_3783193_x26.....Gcgucgugggaacacggggugccgaacu..... 1
 Gi3_26618783_x26.....cgGgggaacacggggugccg..... 1
 Gl1a_5438857_x26.....gaucggagacgucgugggaacac..... 0
 Gi2_10077511_x26.....gugggaacGcggggugccg..... 1
 Gi5_8192492_x26.....gugggCacacggggugccgaacu..... 1
 Gl1_3780515_x26.....gggGacacggggugccgaacu..... 1
 Gi3_26614545_x26.....aucggagacgucgugggaacacggggugccg..... 0
 Gi3_26603859_x26.....cgucgugggaacCcgggugccgaacu..... 1
 Gi2_10081957_x26.....gucguAggaacacggggugc..... 1
 Gi2_10083725_x26.....acgucgugNgaacacggggugccgaacu..... 1
 Gi5_8185966_x26.....ugggaacacggggugUcgaacu..... 1
 Gi5_8191140_x26.....gugggaacacggggGgccgaac..... 1
 Gi3_26608539_x26.....cgucgugggaCcacggggugccgaacu..... 1
 Gi3_26596085_x26.....cgugggaacacggggAgccgaac..... 1
 Gi3_26611477_x26.....gugggaacacgggAugcc..... 1
 Gl1_3782829_x26.....gggaGcacggggugccgaacu..... 1
 Gi2_10080709_x26.....cggagacgucgugggaacacggggugccgaac..... 0
 Gi2_10078187_x26.....cggagacgucgugggaacacggggugccg..... 0
 Gi3_26609501_x26.....guggAaacacggggugcc..... 1
 Gi3_26597723_x26.....cgCgggaacacggggugc..... 1
 Gi5_8192856_x26.....cgugggaacacggggugccgaacG..... 1
 Gl1_3782933_x26.....gugggaacaUggggugccgaacu..... 1
 Gi5_8182014_x26.....ugggaacacggggugccgCac..... 1
 Gi2_10075795_x26.....uggAaacacggggugccgaacu..... 1
 Gi2_10074677_x26.....Uagacgucgugggaacacggggugcc..... 1
 Gi3_26621591_x26.....gucguAggaacacggggugccgaacu..... 1
 Gi2_10078577_x26.....acgucgugNgaacacggggugcc..... 1
 Gi4_496309_x26.....ucggagacgucgugggaacacggggugccg..... 0
 Gl1_3785429_x26.....Ggucgugggaacacggggugccgaacu..... 1
 Gi5_8191842_x26.....Aucgugggaacacggggugccgaacu..... 1
 Gl1_3782231_x26.....Cggaacacggggugccgaacu..... 1
 Gl1a_5435555_x26.....ucggagacgucgugggaacacggggugc..... 0
 Gi5_8188306_x26.....cgucgugggaGcacggggugccgaacu..... 1
 Gi3_26604665_x26.....aucggagacgucgugggCacacggg..... 1
 Gi2_10075431_x26.....Gcgucgugggaacacggggugccgaacu..... 1
 Gi5_8194052_x26.....gugggaacacggggugcGgaacu..... 1
 Gl1a_5438207_x26.....Uucgugggaacacggggugccgaacu..... 1

Gi2_10085701_x26.....Uacgucgugggaacacggggugc..... 1
 Gi3_26619927_x26.....gugggaacCcgggugccg..... 1
 Gi5_8190802_x26.....guggCaacacggggugccgaacu..... 1
 Gi3_26608383_x26.....gaucggagacgucgugggaacacggggG..... 1
 Gi3_26616339_x26.....gaacacggCgugccgaacu..... 1
 Gi3_26616027_x26.....Gcggagacgucgugggaacacggggugcc..... 1
 Gi3_26605939_x26.....cgucgugggaacacggggugccgaCcu..... 1
 Gi2_10086767_x26.....cguNggaacacggggugccgaacu..... 1
 Gi3_26641868_x25.....gagacgucgugggaacacggggugccgaacA..... 1
 Gi3_26642543_x25.....ugggaacacgAggugccgaac..... 1
 Gi3_26622593_x25...cUaucggagacgucguggg..... 1
 Gi1_3790306_x25.....ucgugggaacacAgggugccgaacu..... 1
 Gi1_3792831_x25.....Uacacggggugccgaacu..... 1
 Gi3_26646393_x25.....aucggagacgucgCgggaacacg..... 1
 Gi3_26647918_x25.....aucggagacgucgugggGacacg..... 1
 Gi3_26631918_x25.....aucAgagacgucgugggaacacg..... 1
 Gi1_3790406_x25.....ggaacacAgggugccgaacu..... 1
 Gi3_26625668_x25.....cgucgugggaacacggggGgc..... 1
 Gi5_8201409_x25.....ggaacacggggugccgGacu..... 1
 Gi3_26644068_x25.....gugggaacacggggugccU..... 1
 Gi3_26626368_x25.....gaacacggggugccUaacu..... 1
 Gi1_3791831_x25.....acgucgugggaacacggggugccgaa..... 0
 Gi2_10092447_x25.....ggaacacggggugccgUacu..... 1
 Gi2_10101872_x25.....cgucgugggaacacggggGgcc..... 1
 Gi3_26639443_x25.....ugggaacCcgggugccgaac..... 1
 Gi3_26628393_x25.....ugggaacUcggggugccgaacu..... 1
 Gi3_26642093_x25.....Caacacggggugccgaac..... 1
 Gi3_26629668_x25.....aucggGgacgucgugggaacacg..... 1
 Gi5_8202134_x25.....ucUugggaacacggggugccgaacu..... 1
 Gi1_3792931_x25.....gaacacggggugccUgaacu..... 1
 Gi1_3789581_x25.....Uggaacacggggugccgaac..... 1
 Gl1a_5444237_x25.....Ugugggaacacggggugccgaacu..... 1
 Gi5_8206759_x25.....acgucgugggaacacggggugccgaacu..... 0
 Gi2_10093122_x25.....aucggagacgucgugggGacacggggugc..... 1
 Gi3_26624793_x25.....gucgugggaacacggggugccgaUc..... 1
 Gi1_3790281_x25.....gggaacGcggggugccgaacu..... 1
 Gi2_10103047_x25.....ggaacacAgggugccgaac..... 1
 Gi3_26642593_x25.....cgucgugggaacacggggGccgaac..... 1
 Gi2_10096097_x25.....acgucgugggaacacggggugccgaGc..... 1
 Gi5_8206509_x25.....gGgggaacacggggugccg..... 1
 Gi5_8205909_x25.....aacUcggggugccgaacu..... 1
 Gi3_26635093_x25.....aacacUggggugccgaacu..... 1
 Gi3_26624768_x25.....aucgUagacgucgugggaacacggggg..... 1
 Gi3_26635293_x25...Uaucggagacgucgugggaacacggggugcc..... 1
 Gi3_26643543_x25.....ugggaGcaccggggugccg..... 1
 Gi1_3787581_x25.....Uggaacacggggugccgaacu..... 1
 Gi5_8205834_x25.....Gcgugggaacacggggugccgaac..... 1

Gi3_26639968_x25.....cguggaacacggAgugccgaac..... 1
 Gi3_26647218_x25.....auUggagacgucguggaacacggg..... 1
 Gl1a_5443412_x25.....gucguggaacacggggugccgaa..... 0
 Gi3_26632493_x25.....aucggagacgucgugAgaacacggg..... 1
 Gi3_26629593_x25.....Uaucggagacgucguggaacacggggugc..... 1
 Gi3_26649768_x25.....acgucguggaacacggggugccgaGcu..... 1
 Gi5_8203659_x25.....ucguAggaacacggggugccgaacu..... 1
 Gi3_26639018_x25.....ugUgaacacggggugccg..... 1
 Gi5_8202859_x25.....agacgucguggaacacggggugccga..... 0
 Gi3_26646543_x25.....ucgCgggaacacggggugccgaac..... 1
 Gi3_26649318_x25.....aGgucguggaacacggggugccgaac..... 1
 Gi5_8198084_x25.....gGcguggaacacggggugccgaac..... 1
 Gi3_26630068_x25.....cgGgggaacacggggugc..... 1
 Gl1a_5446512_x25.....cgucguggaacacggggugccgaac..... 0
 Gi3_26625618_x25.....gaCcgagacgucguggaacacggg..... 1
 Gi2_10090472_x25.....ggagacgucguggaacacggggugccgaa..... 0
 Gi3_26654696_x24.....uggaacacggggugccgaCc..... 1
 Gi3_26667392_x24.....cguggaacacggggugccgaGu..... 1
 Gi5_8208744_x24.....gucguggaacCggggugccgaacu..... 1
 Gi3_26650256_x24.....Ugucguggaacacggggugccg..... 1
 Gl1a_5455936_x24.....gGgggaacacggggugccga..... 1
 Gi3_26656136_x24.....Uagacgucguggaacacggggugccg..... 1
 Gi3_26666504_x24.....cgucguAggaacacggggugccgaacu..... 1
 Gi2_10109827_x24.....cUaucggagacgucgugg..... 1
 Gl1_3796694_x24.....Uagacgucguggaacacggggugccgaacu..... 1
 Gi3_26658080_x24.....cgugggUacacggggugccgaac..... 1
 Gi3_26657000_x24.....aacacggggugccUaacu..... 1
 Gi2_10108963_x24.....gacgucguggaacacggggugccgaacA..... 1
 Gi5_8219232_x24.....uggaacacggggGgccgaacu..... 1
 Gi2_10106059_x24.....Acguggaacacggggugccgaacu..... 1
 Gi3_26660312_x24.....aucggGgacgucguggaacacggg..... 1
 Gi5_8214336_x24.....gggaacacNgggugccgaac..... 1
 Gl1_3795278_x24.....aacacggggGgccgaacu..... 1
 Gi3_26660672_x24.....guAggaacacggggugccgaa..... 1
 Gl1_3794678_x24.....agacgucguggaacacggggug..... 0
 Gi3_26670008_x24.....aucggagacgucguggaacGcgggu..... 1
 Gi5_8207208_x24.....ucguggaacacggggugccgaCcu..... 1
 Gi3_26672840_x24.....aucggagaNgucguggaacac..... 1
 Gl1a_5457016_x24.....gUaacacggggugccgaac..... 1
 Gi3_26675264_x24.....ucguggaacGcggggugccgaac..... 1
 Gi3_26649968_x24.....cgugUgaacacggggugcc..... 1
 Gi2_10119643_x24.....gaacacggggugcUgaacu..... 1
 Gl1_3794342_x24.....gaacacggggugccAaacu..... 1
 Gi3_26656184_x24.....ggaacacgNggugccgaa..... 1
 Gi3_26668376_x24.....gaCcacggggugccgaacu..... 1
 Gi3_26656208_x24.....cgCcguggaacacggggugccgaac..... 1
 Gi2_10119259_x24.....gggaacacggggCgccgaac..... 1

Gi1_3795710_x24.....gugggaacacggggugcUgaacu..... 1
 Gi3_26662376_x24.....ugggaacacggggugccgUac..... 1
 Gi5_8215992_x24.....cUucgugggaacacggggugccgaac..... 1
 Gi1_3793454_x24.....aacaUggggugccgaacu..... 1
 Gi3_26650496_x24.....cgugggaacacgggAugccgaac..... 1
 Gi3_26661272_x24.....acgucgugggaacacggAgugccgaacu..... 1
 Gi1_3797438_x24.....ggagacgucgCgggaacacggggugc..... 1
 Gi3_26673104_x24.....ggaacacggggugccgUacu..... 1
 Gi2_10109851_x24.....gggaacacggggUAccgaacu..... 1
 Gi3_26655272_x24.....Gucggagacgucgugggaacac..... 1
 Gi3_26667872_x24.....aucggagacgucgugggaGcacggg..... 1
 Gi3_26676608_x24.....gugggaacaUggggugccga..... 1
 Gi5_8216664_x24.....ucgugggaacacggggugccAaacu..... 1
 Gi2_10117843_x24.....ugggaacaUggggugccgaacu..... 1
 Gi2_10117747_x24.....gugggaacacggggAgccgaac..... 1
 Gi3_26654600_x24.....gacgucgugggaacacggggugccgaa..... 0
 Gi3_26653304_x24.....gugggaacacgAggugccgaa..... 1
 Gi5_8218056_x24.....ucggagacgucgugggaacacggggugccg..... 0
 Gi2_10110499_x24.....ggaacacggggAgccgaacu..... 1
 Gi1_3794894_x24.....gugggaacacggggugccgGacu..... 1
 Gi2_10107811_x24.....gucgugggaacacggggGgcc..... 1
 Gi1_3794030_x24.....gGgggaacacggggugccg..... 1
 Gi3_26662592_x24.....cgCgggaacacggggugccgaa..... 1
 Gi5_8211744_x24.....ugggaacacggggugccgUacu..... 1
 Gi5_8217816_x24.....gggaacaUggggugccgaacu..... 1
 Gi3_26675648_x24.....gaacacggggugccgaCc..... 1
 Gi3_26676248_x24.....aucggagaNgucgugggaacacgggg..... 1
 Gi2_10114219_x24.....gucgugggaacacggggugccgaGcu..... 1
 Gi3_26655224_x24.....aucggagacgucgugggaacacggggA..... 1
 Gi3_26666072_x24.....aucggagacgucgugggaacCcggggu..... 1
 Gi3_26676944_x24.....aucggagacgucgugggCacacgg..... 1
 Gi1_3796478_x24.....aucggGgacgucgugggaacacggggu..... 1
 Gi5_8208624_x24.....gugggaacUcggggugccgaacu..... 1
 Gi3_26671904_x24.....gugggaacacggggugGcgaac..... 1
 Gi2_10107259_x24.....gugggaacacggggugGcgaacu..... 1
 Gi2_10137157_x23.....gggaacacggggugcAgaacu..... 1
 Gi2_10134696_x23.....gugggaacacggAgugccgaac..... 1
 Gi3_26705009_x23.....cUucgugggaacacggggugccgaa..... 1
 Gi5_8222766_x23.....gugggaacacggggugccgaGc..... 1
 Gi2_10135869_x23.....ucgugggaacacAgggugccgaacu..... 1
 Gi1_3801497_x23.....cUucgugggaacacggggugcc..... 1
 Gi5_8231920_x23.....gaucggagacgucgugggaaca..... 0
 Gi3_26685781_x23.....aacaAggggugccgaacu..... 1
 Gl1_5467500_x23.....cgugggaacacggggugccgCacu..... 1
 Gi3_26702640_x23.....gugggaacacggggugccAaa..... 1
 Gi5_8232817_x23.....cgucgugggaacacggggugccgaacu..... 0
 Gi3_26681411_x23.....ugggaacacggggugccgaaU..... 1

Gi2_10131637_x23.....ggAaacacggggugccgaacu..... 1
 Gi3_26689737_x23.....aucggagacgucgCgggaacacggg..... 1
 Gi3_26703468_x23.....gaUgucgugggaacacggggugccgaacu..... 1
 Gi2_10122966_x23.....gugggaacacUgggugccgaacu..... 1
 Gi3_26706619_x23.....gucgugggaacacggggugccAaacu..... 1
 Gi2_10131430_x23.....cUgggaacacggggugccgaac..... 1
 Gi2_10121770_x23.....ucgugggaNcacggggugccgaac..... 1
 Gi2_10132971_x23.....auUggagacgucgugggaaca..... 1
 Gi1_3804740_x23.....gggaacacggggCgccgaacu..... 1
 Gi2_10128923_x23.....cgGgggaacacggggugcc..... 1
 Gi5_8233668_x23.....Cugggaacacggggugccgaac..... 1
 Gi3_26702410_x23.....aCcacggggugccgaacu..... 1
 Gi3_26705630_x23.....gugggaacacgAgggugccga..... 1
 Gi3_26705676_x23.....cUgagacgucgugggaacacgggg..... 1
 Gi5_8228976_x23.ugcgauccgagacgucgugggaacacg..... 0
 Gi5_8225020_x23.....gggaacacggggugccAaacu..... 1
 Gi5_8222835_x23.....aacacggggugccgaaUu..... 1
 Gi5_8224399_x23.....cUugggaacacggggugc..... 1
 Gi3_26701444_x23.....aucggCgacgucgugggaacacggg..... 1
 Gi2_10132281_x23.....Uucgugggaacacggggugccg..... 1
 Gi2_10121724_x23.....Gcgugggaacacggggugccg..... 1
 Gi5_8224215_x23.....gggaacacAgggugccgaacu..... 1
 Gi3_26700432_x23.....ggaacacggggugccgUac..... 1
 Gi2_10123035_x23.....gUgacgucgugggaacacggggugcc..... 1
 Gi5_8226124_x23.....cgugggaaNacggggugccgaac..... 1
 Gi1_3801083_x23.....gaacacggggugUcgaacu..... 1
 Gi3_26686908_x23.....ugggaUcacggggugccgaacu..... 1
 Gi2_10122391_x23.....gugAgaacacggggugcc..... 1
 Gi2_10126876_x23.....gugggGacacggggugccg..... 1
 Gi3_26697718_x23.....cgugggaGcacggggugccga..... 1
 Gi2_10124530_x23.....aucggagacgucgugggGacacggggu..... 1
 Gi3_26698155_x23.....gugNgaacacggggugccgaac..... 1
 Gi2_10124714_x23.....gugggaacacggggugccgaaA..... 1
 Gi2_10132212_x23.....gggaacacggggugccgaGc..... 1
 Gi2_10124829_x23.....cgucgugggaGcacggggugccg..... 1
 Gi1_3802141_x23.ugcgauccgagacgucgugggaaca..... 0
 Gi2_10134834_x23.....ugggaacacgggguAccgaacu..... 1
 Gi3_26703537_x23.....acgCcgugggaacacggggugccgaacu..... 1
 Gi2_10135639_x23.....ugggaacacggggugUcgaacu..... 1
 Gi1_3804763_x23.....gugggaacacggggugccU..... 1
 Gi3_26698592_x23.....ggaacacggggugccgaacG..... 1
 Gi2_10136605_x23.....gaaUacggggugccgaacu..... 1
 Gi3_26703721_x23.....ugggaCcacggggugccgaac..... 1
 Gi5_8221225_x23.....gugggaacaAggggugccgaacu..... 1
 Gl1_5465430_x23.....ggaGcacggggugccgaacu..... 1
 Gi2_10122667_x23..Ucgauccgagacgucgugggaacacggg..... 1
 Gi3_26681802_x23.....gucgugggaacCggggugccgaac..... 1

Gi1_3800094_x23.....guggaacacAgggugccgaacu..... 1
 Gi2_10123150_x23.....Uagacgucguggaacacggggugc..... 1
 Gi5_8229390_x23.....ggaacacgNggugccgaac..... 1
 Gi2_10122138_x23.....uggaacacggAgugccgaacu..... 1
 Gi2_10129751_x23.....gggaacacggggugcUgaacu..... 1
 Gi1_3800416_x23.....ucguggaacCcggggugccgaacu..... 1
 Gi3_26707562_x23.....ggCaacacggggugccgaacu..... 1
 Gi3_26722214_x22.....uggaacacggggugAcgaacu..... 1
 Gi3_26717154_x22....Uucggagacgucguggaacacggg..... 1
 Gi2_10142016_x22.....cguggaacacggggugcGgaacu..... 1
 Gi1_3810753_x22.....uggaacacggggugccgaGcu..... 1
 Gi5_8235917_x22.....Aggaacacggggugccgaac..... 1
 Gi2_10139486_x22.....agacgucguggaacacggggugccgaa..... 0
 Gi2_10151828_x22....aucggagacgucguggaCcacggggugc..... 1
 Gi3_26715174_x22....gaucggagacgucguggCcacggg..... 1
 Gi2_10147340_x22....cggagacgucguggaacacggggugccga..... 0
 Gi3_26727846_x22.....uggNaacacggggugccgaacu..... 1
 Gi2_10151278_x22.....gggaaUacggggugccgaacu..... 1
 Gi5_8235433_x22.....aacacgggAugccgaacu..... 1
 Gi3_26721642_x22.....cguggaacacggggugccgUac..... 1
 Gi3_26712490_x22.ugcgaucggagacgucguggaacacg..... 0
 Gi5_8236071_x22....cgaucggagacgucguggaacacggg..... 0
 Gl1a_5475379_x22....Uaucggagacgucgugga..... 1
 Gi2_10145514_x22.....gugggaGcacggggugccga..... 1
 Gi1_3811061_x22.....Ggggaacacggggugccgaac..... 1
 Gi1_3810643_x22....gacgucgCgggaacacggggugccgaacu..... 1
 Gi2_10139574_x22.....guggaacacggAgugcc..... 1
 Gi2_10138980_x22....cggagacgNcguggaacacggggugcc..... 1
 Gi5_8243441_x22....cgugggaaAacggggugccgaacu..... 1
 Gl1a_5477051_x22.....ggaacacggggugccgCacu..... 1
 Gi2_10151938_x22.....gGcguggaacacggggugc..... 1
 Gi3_26718738_x22.....cguggaacacgggAugccg..... 1
 Gi3_26732862_x22....acgucguggaacacAgggugccgaacu..... 1
 Gi1_3808201_x22.....ucguggaacacggggugccgaCcu..... 1
 Gi2_10144524_x22....Agagacgucguggaacacggggugcc..... 1
 Gi1_3808883_x22.....guggAaacacggggugccgaacu..... 1
 Gi3_26734908_x22.....aacCggggugccgaacu..... 1
 Gi1_3806991_x22....gagacgucguggaacacggggugccgaac..... 0
 Gl1a_5478437_x22.ugcgaucggagacgucguggaa..... 0
 Gi3_26720212_x22.....uggaacacggAgugccgaac..... 1
 Gi3_26738714_x22....Uaucggagacgucguggaaca..... 1
 Gi3_26727912_x22.....gggaacacggggugccgaG..... 1
 Gi2_10143270_x22....cgGgggaacacggggugc..... 1
 Gi2_10139860_x22....cgugggaaNacggggugccga..... 1
 Gi3_26737438_x22....gucguggaacacggggugccgGac..... 1
 Gi1_3810401_x22.....Agggaacacggggugccgaacu..... 1
 Gi3_26716560_x22....gCcguggaacacggggugccgaac..... 1

Gi2_10141752_x22.....ugggaacacggggugccgUacu..... 1
 Gi1_3813129_x22.....gucgugggaacacggggugccgaacuu..... 0
 Gi3_26738516_x22.....gucgugggaacGcggggugccgaac..... 1
 Gi5_8236423_x22.....ucAuggggaacacggggugccgaacu..... 1
 Gi1_3808069_x22.....cgucgugggaacacggggGgccgaacu..... 1
 Gi5_8236445_x22.....gaacacggAgugccgaacu..... 1
 Gi3_26711346_x22.....ggagacgucgugggaacacggggugccgaacA..... 1
 Gi3_26738274_x22.....gugggaacacggUgugccg..... 1
 Gi1_3812051_x22.....ucgugggaacacggggGgccgaacu..... 1
 Gi3_26740232_x22.....gugggaacacggggugcUgaa..... 1
 Gi3_26718518_x22.....ucgugggaacacggggugccgaCc..... 1
 Gi1_3808179_x22.....gugggaacacggggugccgaaU..... 1
 Gi3_26712754_x22.....Naacacggggugccgaacu..... 1
 Gi3_26729298_x22.....Uugggaacacggggugccgaacuu..... 1
 Gi5_8242495_x22.....gggaacacgAggugccgaacu..... 1
 Gi2_10140300_x22.....ucgugggaacacgggAugccgaacu..... 1
 Gi1a_5474763_x22.....cgugggaacacgAggugccgaacu..... 1
 Gi3_26731542_x22.....Ugagacgucgugggaacacggggugccgaacu..... 1
 Gi5_8239327_x22.....aacacggggugccgaaAu..... 1
 Gi2_10151190_x22.....acgucgugggaacacggggugccgaa..... 0
 Gi2_10154886_x22.....gugggGacacggggugccga..... 1
 Gi2_10145470_x22.....gGucggagacgucgugggaacacggg..... 1
 Gi3_26726746_x22.....cgucgugggaacacggggugccgaacuA..... 1
 Gi3_26736954_x22.....aucggagacgucgugggCacacggggg..... 1
 Gi3_26725140_x22.....gaacacgggUugccgaacu..... 1
 Gi3_26734578_x22.....cgucgugggaacGcggggugccgaac..... 1
 Gi2_10141950_x22.....gugggaacGcggggugccga..... 1
 Gi2_10140652_x22.....cgagacgucgugggaacacggggugccgaacu..... 0
 Gi3_26710092_x22.....gugggaacacggggugUcga..... 1
 Gi3_26729782_x22.....aacacggggugccgaacG..... 1
 Gi3_26713744_x22.....ugggaaUacggggugccgaac..... 1
 Gi3_26716956_x22.....gucgugggaacacggggUaccgaac..... 1
 Gi3_26719948_x22.....ugggaacacggggugccUaacu..... 1
 Gi2_10144898_x22.....gggGacacggggugccgaac..... 1
 Gi3_26743788_x21.....gugggaacacggggugccgaacuu..... 0
 Gi3_26750361_x21.....ggaaGacggggugccgaac..... 1
 Gi3_26762289_x21.....gugUgaacacggggugccgaac..... 1
 Gi3_26759643_x21.....aucggagaNgucgugggaacacgg..... 1
 Gi5_8256954_x21.....ucguggAaacacggggugccgaacu..... 1
 Gi2_10172569_x21.....gggaacGcggggugccgaac..... 1
 Gi1_3813924_x21.....cgucguggNaacacggggugccgaacu..... 1
 Gi3_26763192_x21.....Gcugggaacacggggugccg..... 1
 Gi3_26757270_x21.....ugggaacacAgggugccg..... 1
 Gi3_26743704_x21.....ucgugggaacacggggugUcgaacu..... 1
 Gi3_26754204_x21.....ugggaacacggggugccgG..... 1
 Gi1a_5487352_x21.....Uaucggagacgucgugggaacacggg..... 1
 Gi3_26745657_x21.....Cgggaacacggggugccgaa..... 1

Gi1_3814281_x21..cgaucggagacgucgugggaaacacggggu.....	0
Gi2_10163413_x21.....gucgugggaaAacggggugccgaacu.....	1
Gi3_26769282_x21.....gaaAacggggugccgaacu.....	1
Gi3_26742885_x21.....ugggaacacgggguAccgaac.....	1
Gi3_26768715_x21...gaucggagacgucgugggGcacggggu.....	1
Gi2_10164967_x21..gcgaucggagacgucgugggaaacacggggugc.....	0
Gi3_26750172_x21.....Uagacgucgugggaaacacg.....	1
Gi2_10158814_x21.....gGcgucgugggaaacacggggugccgaacu.....	1
Gi3_26751600_x21.....cgucgugggaaacacggggugccgGacu.....	1
Gi2_10173031_x21.....ugggaCcacggggugccgaacu.....	1
Gi5_8258256_x21.....ucgugggaaacacggggugcUgaacu.....	1
Gi5_8261994_x21.....ggaacacggggGgccgaacu.....	1
Gi3_26768043_x21....aGcggagacgucgugggaaacacggggugc.....	1
Gi2_10169146_x21.....gggaacCcggggugccgaacu.....	1
Gi3_26753196_x21.....ucgugggGcacggggugccgaac.....	1
Gi2_10169062_x21.....cgugggaGcacggggugccgaac.....	1
Gi2_10165660_x21.....gugggaacacgUggugccgaacu.....	1
Gi3_26751243_x21...gaucggagacgucgugggaaacacggggC.....	1
Gi3_26767644_x21....aucggagacgucgCgggaacacggggu.....	1
Gi1_5488801_x21..gcgaucggagacgucgugggaaacacggg.....	0
Gi3_26769051_x21.....ucgugggaaacacggAgugccgaacu.....	1
Gi2_10157869_x21.....cguUggaaacacggggugccgaacu.....	1
Gi3_26748639_x21.....cgucgugggaaacacgggguAccgaacu.....	1
Gi3_26744376_x21.....gaacacggggugcUgaac.....	1
Gi2_10156399_x21.....gucAugggaaacacggggugccgaacu.....	1
Gi3_26758908_x21.....uAggaacacggggugccg.....	1
Gi2_10170028_x21.....cgAgggaacacggggugcc.....	1
Gi2_10159318_x21.....ugggaGcacggggugccgaac.....	1
Gi2_10168516_x21.....Nugggaacacggggugccgaacu.....	1
Gi2_10158751_x21.....gugggaacacggggugcGgaacu.....	1
Gi3_26758950_x21.....cgugggaaNacggggugccg.....	1
Gi1_3820896_x21.....cUgggaaacacggggugccgaacu.....	1
Gi5_8254329_x21.....gCcgugggaaacacggggugccgaacu.....	1
Gi2_10169398_x21.....Ggugggaaacacggggugccgaa.....	1
Gi2_10165933_x21.....cgucgugggGcacggggugccgaacu.....	1
Gi1_3816066_x21.....cgugggaaacGcggggugccgaacu.....	1
Gi1_3814239_x21.....cUgagacgucgugggaaacacggggugcc.....	1
Gi3_26758362_x21.....cgucUugggaaacacggggugccgaacu.....	1
Gi2_10156273_x21.....cgugggaaacacggggugccgaUcu.....	1
Gi2_10163350_x21.....cgugggaaacGcggggugccgaac.....	1
Gi3_26762100_x21.....gggaacacggggugccgaacG.....	1
Gi3_26745258_x21.....gugggaaacacggggguCccgaacu.....	1
Gi5_8258109_x21.....gucgugggaaacGcggggugccgaacu.....	1
Gi3_26770605_x21.....ugggaaacacggggGgccgaac.....	1
Gi3_26763276_x21.....gggaacacgAggugccgaac.....	1
Gi2_10169734_x21.....gCgggaaacacggggugccga.....	1
Gi1_3817872_x21.....Uucgugggaaacacggggugccgaac.....	1

Gi3_26746266_x21.....aucggagacgucgugggaacacggggugccgaac.....	0
Gi1_3820497_x21.....ucgugggaacacggggugccgaacuu.....	0
G1a_5489137_x21.....cgCgggaacacggggugccgaacu.....	1
Gi5_8255925_x21.....aacacggggugccgUacu.....	1
Gi3_26755023_x21.....aucggagacgucgugggaacacggggugccga.....	0
Gi5_8256555_x21.....acgucgugggaacacggggCgccgaacu.....	1
Gi3_26753910_x21.....gaacacgggCugccgaacu.....	1
Gi5_8261469_x21.....guUggaacacggggugccgaac.....	1
Gi2_10181849_x20.....gggaacacggggugccgCac.....	1
Gi1_3828790_x20.....cgugggaacacgUggugccgaacu.....	1
Gi3_26799225_x20.....aucggagacgucgugggaacacggggCgcc.....	1
Gi3_26782965_x20.....gggaacacggggugcAgaac.....	1
Gi3_26783465_x20.....cgAgggaacacggggugccg.....	1
Gi3_26791265_x20.....cgucguggNaacacggggugccg.....	1
Gi2_10183689_x20.....cgugggaaNacggggugc.....	1
Gi3_26786405_x20.....cgugggaacGcggggugc.....	1
Gi2_10185369_x20.....gaacacgAggugccgaacu.....	1
Gi3_26798645_x20.....gugggaacacggggugccgaGu.....	1
Gi3_26789965_x20.....ugggaacaAggggugccgaacu.....	1
Gi2_10186869_x20.....cgugggaacacggggugccAaac.....	1
Gi2_10175069_x20.....acgucgugggaacacggggugccgCacu.....	1
Gi2_10174109_x20.....cgugUgaacacggggugcc.....	1
Gi5_8267029_x20.....ggaacacggggugcUgaacu.....	1
Gi3_26801745_x20.....cgugggaacGacggggugccgaacu.....	1
G1a_5495320_x20.....Aggaacacggggugccgaacu.....	1
Gi5_8269269_x20.....gucgCgggaacacggggugccgaacu.....	1
Gi3_26781065_x20.....ucgugggaacacggggugccgGacu.....	1
Gi1_3824090_x20.....cguAggaacacggggugccgaacu.....	1
Gi3_26772865_x20.....ugggaacGcggggugccgaa.....	1
Gi3_26773145_x20.....acgucgugggaacacggggugcAgaacu.....	1
Gi3_26774005_x20.....ugggaacacggggCgccga.....	1
Gi3_26801945_x20.....cgGcuggggaacacggggugccgaac.....	1
Gi5_8265949_x20.....gugNgaacacggggugccgaacu.....	1
Gi2_10181569_x20.....Ggggaacacggggugccgaa.....	1
Gi2_10178389_x20.....cgucgugggGacacggggugccgaacu.....	1
Gi3_26780465_x20.....aucggagacgucgugggaacCcggg.....	1
Gi3_26779625_x20.....Ugagacgucgugggaaca.....	1
Gi2_10189929_x20.....aucggagGcugucgugggaacacggggugc.....	1
Gi2_10181349_x20.....auUggagacgucgugggaacac.....	1
Gi2_10177009_x20.....agacgucgNgggaacacggggugccgaacu.....	1
Gi5_8268569_x20.....gucgugggaacacggggugccgaGcu.....	1
Gi2_10183909_x20.....ucgugggaGcacggggugccgaac.....	1
Gi5_8273989_x20.....agacgucgugggaacacggggugccgaacuA.....	1
Gi3_26780825_x20.....ugggaacacgggAugccgaac.....	1
Gi3_26777645_x20.....guggUaacacggggugccg.....	1
Gi3_26785065_x20.....Uacgucgugggaacacgggg.....	1
Gi3_26791765_x20.....ugggaacacggggAgccgaa.....	1

Gi1_3825710_x20.....Uaacacggggugccgaacuu..... 1
 Gi3_26786225_x20.....ugggUacacggggugccgaac..... 1
 Gi5_8270509_x20.....cguggaacacggggugccgaUc..... 1
 Gi3_26788645_x20.....aucggagaNgucgugggaacacggggugcc..... 1
 Gi1_3826590_x20.....gugggaaUacggggugccgaacu..... 1
 Gi2_10176509_x20cugcgauccgagacgucgugggaacacg..... 0
 Gi2_10182229_x20.....ugUgaacacggggugccgaac..... 1
 Gi3_26785505_x20.....cgAgggaacacggggugccga..... 1
 Gi3_26775365_x20.....aucggagacgucguAggaacacggg..... 1
 Gi3_26801485_x20.....cgGgggaacacggggugccgaa..... 1
 Gi3_26797925_x20.....ggUacacggggugccgaa..... 1
 Gi5_8275669_x20.....ucgugggaacaUggggugccgaacu..... 1
 Gi2_10175749_x20.....gugggaacacggggCgcca..... 1
 Gi2_10174549_x20.....cgAcgugggaacacggggugccgaacu..... 1
 Gi1_3823050_x20.....uUggaacacggggugccgaacuu..... 1
 Gi3_26795005_x20.....gugggUacacggggugccga..... 1
 Gi3_26779045_x20.gcgauccgagacgucgugggaacacggg..... 0
 Gi2_10182389_x20.ugcgauccgagacgucgugggaacac..... 0
 Gi3_26794245_x20.....ugggaacacggggugUcgaac..... 1
 Gi3_26799045_x20.....aucggagacgucgugggaacGcggg..... 1
 Gi5_8277069_x20.....gaacacgggAugccgaacu..... 1
 Gi3_26784645_x20.....ucggagacgucgugggaacacggggugccg..... 0
 Gi5_8277049_x20.....gaacGcggggugccgaac..... 1
 Gi5_8266309_x20.....Acgugggaacacggggugccgaacu..... 1
 Gi2_10178229_x20.....cgugggaacacAgggugccgaac..... 1
 Gi5_8275509_x20.....aacacggggugcAgaacu..... 1
 Gi3_26782065_x20.....cgucgugggaacCcgggugcc..... 1
 Gi3_26804745_x20.....ucgugggaacCcgggugccgaac..... 1
 Gi5_8263669_x20.....Ggggaacacggggugccgaa..... 1
 Gi5_8268589_x20.....uUggaacacggggugccgaacuu..... 1
 Gi3_26831944_x19.....ucgugAgaacacggggugccgaac..... 1
 Gi3_26831868_x19.....gugggUacacggggugcc..... 1
 Gi1_3833448_x19.....aacacggggugccgaCcu..... 1
 Gi2_10204603_x19.....uCggaacacggggugccgaac..... 1
 Gi3_26831393_x19.....Ugugggaacacggggugcc..... 1
 Gi2_10192538_x19.....aucggagacAucgugggaacacggggu..... 1
 Gi3_26836960_x19.....ugggaacacAgggugccga..... 1
 Gi3_26807947_x19.....ggaaUacggggugccgaacu..... 1
 Gi3_26814331_x19.....gaacacggggugccgCac..... 1
 Gi5_8280180_x19.....gugUgaacacggggugccgaacu..... 1
 Gi2_10206788_x19.....cgucgugggaacacggggugccgaGcu..... 1
 Gi5_8287229_x19.....Uaucggagacgucgugggaacacgg..... 1
 Gi5_8282384_x19.....Ggugggaacacggggugccga..... 1
 Gi2_10194191_x19.....guggUaacacggggugccg..... 1
 Gi3_26816554_x19.....ggAaacacggggugccgaac..... 1
 Gi5_8283315_x19.....ucgugggaacacggggugUcgaacu..... 1
 Gi2_10198086_x19.....ggaacacgggguUccgaacu..... 1

Gi3_26820772_x19.....cCugggaacacggggugcc..... 1
Gi2_10194704_x19.....gaacacgggguAccgaacu..... 1
Gi2_10196585_x19.....Ggacgucgugggaacacggggugccgaac..... 1
Gi3_26823470_x19.....cgucgugggaacacggggugcUgaacu..... 1
Gi2_10207035_x19.....gugggaacacggggugccCaacu..... 1
Gi5_8284455_x19.....aacacggggugcGgaacu..... 1
Gi1_3831700_x19.....guUgugggaacacggggugccgaacu..... 1
Gi3_26815205_x19.....cggagacgucgugggaacCcggggugcc..... 1
Gi3_26830044_x19.....Uagacgucgugggaacac..... 1
Gi3_26805192_x19.....ggaacacggggugccgaaUu..... 1
Gi3_26820392_x19.....acgucgugggCacacggggugccgaacu..... 1
Gi2_10196604_x19.....ugggaacacggggugccgaUc..... 1
Gi2_10191227_x19.....cgugggaacacgUggugccgaac..... 1
Gi1_3830693_x19.....ucAugggaacacggggugccgaacu..... 1
Gi5_8283467_x19.....ucgAgggaacacggggugccgaacu..... 1
Gi1_3836412_x19.....gugggaacacggUgugccgaacu..... 1
Gi2_10204717_x19.....Cucgugggaacacggggugccgaacu..... 1
Gi2_10194685_x19.....aucggagacgucgugggGacac..... 1
Gi3_26808688_x19.....ucguAgggaacacggggugccgaac..... 1
Gi1_3832764_x19.....ggagacgucgugggaacacggggug..... 0
Gi3_26808593_x19.....cgugggGacacggggugccgaa..... 1
Gi5_8280256_x19.....ugggaacacgggAugccgaacu..... 1
Gi3_26833863_x19.....ucguggAaacacggggugccgaacu..... 1
Gi3_26817789_x19.....auUggagacgucgugggaacacggggugcc..... 1
Gi3_26808213_x19.....gggaacaAggggugccgaacu..... 1
Gi3_26819043_x19.....Ggacgucgugggaacacggggugccgaacu..... 1
Gi3_26838404_x19.....ucgugggaacacgggguAccgaacu..... 1
Gi1_3834778_x19.....gagacgucgugggaacacggggugccga..... 0
Gi3_26827346_x19.....aucggagacgucgugggaacCcg..... 1
Gl1_5501952_x19.....ucggagacgucgugggaGcacg..... 1
Gi3_26808004_x19.....cgugggGacacggggugcc..... 1
Gi5_8287096_x19.....agacgucgNgggaacacggggugccgaacu..... 1
Gi1_3833353_x19.....acgucgugggaacacggggugccgaacuu..... 0
Gi3_26806617_x19.....ucgugggaacacgggAugccgaacu..... 1
Gi3_26828068_x19.....aucggagacgucgugggaacacA..... 1
Gi1_3833543_x19.....cggagacgucgugggaacacggggugccgaacu..... 0
Gi3_26813153_x19.....acgucguAgggaacacggggugcc..... 1
Gi3_26833806_x19.....gucAugggaacacggggugccgaacu..... 1
Gi2_10197877_x19.....gggaacacggggugccgaaAu..... 1
Gi2_10207206_x19.....ggUgacgucgugggaacacggggugc..... 1
Gi2_10193564_x19.....aGgucgugggaacacggggugcc..... 1
Gi5_8284208_x19.....aUacgucgugggaacacggggugccgaac..... 1
Gi3_26809182_x19.....aucggCgacgucgugggaacacg..... 1
Gi1_3829914_x19.....ugAgaacacggggugccgaacu..... 1
Gi3_26808650_x19.....cgugggaacacggggCgcu..... 1
Gi3_26822919_x19.....gugggaacacggggugccUaac..... 1
Gi3_26806123_x19.....ugggaacacggggugccgaaAu..... 1

Gi2_10204698_x19.....cgucguggNaacacggggugccg..... 1
Gi2_10208859_x19.....ggaacacggggugcAgaacu..... 1
Gi3_26812469_x19.....ucguUggaacacggggugccgaac..... 1
Gi3_26821171_x19.....aacacgggCugccgaacu..... 1
Gi2_10202019_x19.....Gucggagacgucguggaacaacggggug..... 1
Gi3_26809448_x19.....gGucggagacgucguggaacaacg..... 1
Gi3_26821133_x19.....gaacGcggggugccgaac..... 1
Gi2_10202684_x19.....ugggaacaNggggugccga..... 1
Gi1_3832498_x19.....ggaacacggggugccgGacu..... 1
G1a_5506721_x19.....Cgaacacggggugccgaacu..... 1
Gi2_10197421_x19.....aucggagaNgucguggaacaacggggugcc..... 1
Gi3_26821931_x19.....cgucguggaacaacgAgggugccgaacu..... 1
Gi1_3839511_x18.....gUagacgucguggaacaacggggugccg..... 1
Gi5_8293599_x18.....gugggaacaacggggugccgaUcu..... 1
Gi2_10227370_x18..Ucgaucggagacgucgugga..... 1
Gi3_26848564_x18.....ucguggaacaacggggugccgaaAu..... 1
Gi5_8298099_x18..Ggcgaucggagacgucgug..... 1
Gi5_8300043_x18.....ugggaacaNggggugccgaac..... 1
Gi3_26857456_x18.....gugggaacaacggUgugccga..... 1
Gi3_26872090_x18.....Acgugggaacaacggggugccgaacu..... 1
Gi5_8293113_x18.....Ugucguggaacaacggggugccgaacu..... 1
Gi2_10223518_x18.....Uacgucguggaacaacggggugccgaac..... 1
Gi5_8294247_x18.....gugggaacaacggggugccUaacu..... 1
Gi1_3843003_x18.....ucguAggaacaacggggugccgaacu..... 1
Gi2_10211296_x18.....ugggUacacggggugccgaacu..... 1
Gi3_26851624_x18.....ggaacUcggggugccgaacu..... 1
Gi5_8296281_x18.....ugggaacaacggggUaccgaac..... 1
Gi2_10217434_x18.....Augggaacaacggggugccgaa..... 1
Gi1_3844587_x18.....ggagacgucgCgggaacaacggggugccga..... 1
Gi2_10219936_x18.....Cggaacaacggggugccgaac..... 1
Gi2_10212088_x18.....ucUugggaacaacggggugccgaacu..... 1
Gi1_3845271_x18.....ggaacaacggggugccgaGcu..... 1
G1a_5514965_x18.....gugggaacaUggggugccgaacu..... 1
Gi2_10211692_x18.....gaacaUggggugccgaacu..... 1
Gi3_26862172_x18.....gaacaacCggggugccgaacu..... 1
Gi3_26874880_x18.....Ngugggaacaacggggugccgaacu..... 1
Gi3_26838790_x18.....Uagacgucguggaacaacggggg..... 1
Gi3_26859634_x18.....cgucgugggaacaacAgggugccgaacu..... 1
Gi3_26852344_x18.....ggaNcaccggggugccgaacu..... 1
Gi2_10222258_x18.....acgucgugggaacaacggggGgcc..... 1
Gi3_26875150_x18.....ggaaUacggggugccgaac..... 1
Gi5_8302491_x18.....cgugggaUcacggggugccgaacu..... 1
Gi2_10217578_x18.....acgucgugggaacaacggggGgccgaacu..... 1
Gi3_26874952_x18.....cAugggaacaacggggugcc..... 1
Gi2_10219252_x18.....ugggaacaacggggGgccgaacu..... 1
Gi3_26850130_x18.....Uacgucgugggaacaacgg..... 1
Gi3_26845018_x18.....gugggaUacggggugccga..... 1

Gi3_26859454_x18.....cgugggaacacggggugAcgaac..... 1
Gi3_26844478_x18.....cgucUugggaacacggggugcc..... 1
Gi3_26859562_x18.....cgugggaacacggggUccgaacu..... 1
Gi1_3840033_x18.....gggaacacAgggugccgaacu..... 1
Gi3_26868922_x18.....ucgugggaacacggggugcAgaacu..... 1
Gi3_26869786_x18.....cggagacgNcgugggaacacggggugcc..... 1
Gi3_26854612_x18.....gaGcacggggugccgaac..... 1
Gi2_10211080_x18.....ucgugggaacacggggugccgUacu..... 1
Gi5_8296047_x18.....cgucgCgggaacacggggugccgaacu..... 1
G1a_5516513_x18.ugcgauccggagacgucgugggaacac..... 0
Gi1_3838251_x18.....ucggagacgucgugggaacacggggg..... 0
G1a_5514857_x18.....gugggaacacgAgggugccgaacu..... 1
Gi2_10223824_x18.....aucggagacgucgugggaacacggggCgc..... 1
Gi1_3838071_x18.....cgucgugggaacacggggugccgCacu..... 1
Gi5_8303337_x18.....gaacacggggAgccgaacu..... 1
Gi1_3839529_x18.....gugggaacacggggugccgaa..... 0
Gi2_10211368_x18.....ggaacacggggugccgGac..... 1
Gi3_26856196_x18.....cgucgugggaacacggggCgc..... 1
Gi1_3840321_x18.....cgugggaacacggggugccAaacu..... 1
Gi1_3842913_x18.....ugggaacacggggugcUgaacu..... 1
Gi2_10215958_x18.....Gcgucgugggaacacggggugcc..... 1
G1a_5518727_x18.....cgugggaGcacggggugccgaacu..... 1
Gi3_26861254_x18.....cgugggaacGcggggugccga..... 1
Gi2_10216282_x18.....ggaacGacggggugccgaacu..... 1
Gi2_10224310_x18.....agacgucgNgggaacacggggugcc..... 1
Gi2_10209820_x18.....ugggaacCcgggugccgaacu..... 1
Gi3_26839222_x18.....gggaacacNgggugccgaa..... 1
Gi3_26873764_x18.....Cggaacacggggugccgaa..... 1
Gi1_3838377_x18.....ggUaacacggggugccgaacu..... 1
Gi2_10216156_x18.....aucggagacgucgugggaacGcggggugc..... 1
Gi3_26867104_x18.....gggaacacggggugccgUac..... 1
G1a_5514605_x18.....ggaacacggggCgccgaacu..... 1
Gi2_10220656_x18.....Ccgagacgucgugggaacacggggugcc..... 1
G1a_5520599_x18.....gugggaacacggUgugccgaacu..... 1
Gi2_10215490_x18.....ugggaacacgAgggugccgaacu..... 1
Gi5_8296821_x18.....cgucgugggaacCcgggugccgaacu..... 1
Gi3_26848978_x18.....ucgugggaacacggggugccAaac..... 1
Gi2_10223608_x18.....aucggagaNgucgugggaaca..... 1
Gi3_26839348_x18.....gugggaacacggUgugccgaa..... 1
Gi2_10210252_x18.....Ggucgugggaacacggggugccga..... 1
Gi3_26853874_x18.....gacgucgugggaGcacggggugccgaacu..... 1
Gi2_10213312_x18.....cgucgugggaacCcgggugccgaacu..... 1
Gi2_10210720_x18.....aGgucgugggaacacggggugccgaacu..... 1
Gi2_10215778_x18.....gugUgaacacggggugccgaacu..... 1
Gi3_26864836_x18.....cgucguAggaacacggggugcc..... 1
Gi3_26847448_x18.....aacacggUgugccgaacu..... 1
Gi3_26845666_x18.....aCcgagacgucgugggaacacgg..... 1

Gi1_3843795_x18.....acacggggugccgaacu..... 0
Gi3_26873602_x18.....uggAaacacggggugccgaac..... 1
Gi3_26854378_x18.....gaacacgUggugccgaacu..... 1
Gi2_10211566_x18.....gugggaacacgggAugccgaac..... 1
Gi3_26859022_x18.....gggaCcacggggugccgaacu..... 1
Gi3_26840914_x18.....gUaacacggggugccgaac..... 1
Gi5_8294823_x18.....ugggUaacacggggugccgaacu..... 1
Gi5_8298063_x18.....ucgugggaacacggggugccgGacu..... 1
Gi2_10218946_x18.....acgucgugggGacacggggugccgaacu..... 1
G1a_5511743_x18.....gugggaacacggggugccAaacu..... 1
Gi2_10215166_x18.....gugggaaAacggggugccgaac..... 1
Gi1_3839151_x18.....cUugggaacacggggugccg..... 1
Gi2_10215796_x18.....Cugggaacacggggugccg..... 1
Gi3_26855872_x18.....gAcgugggaacacggggugccgaacu..... 1
Gi3_26856988_x18.....aucggCgacgucgugggaacacggggg..... 1
Gi5_8295327_x18.....gagacgucgugggaacacggggugccgaacA..... 1
Gi2_10221286_x18.....gaacacggggugccAaacu..... 1
Gi3_26906143_x17.....gucgugggaacacgggAugccgaacu..... 1
Gi1_3852248_x17.....Cacacggggugccgaacu..... 1
Gi2_10231004_x17.....uUggaacacggggugccgaacu..... 1
Gi2_10247970_x17.....uAggaacacggggugccgaac..... 1
Gi1_3852265_x17.....Uaucggagacgucguggg..... 1
G1a_5528054_x17.....aucggagacgucgugggaacacggAgugcc..... 1
Gi3_26888939_x17.....agacgucgNgggaacacggggugccgaacu..... 1
Gi5_8310854_x17.....gugggaacacggggugccgaacG..... 1
Gi2_10244128_x17.....gucgCgggaacacggggugccgaacu..... 1
Gi2_10235220_x17.....aucggagacgucgugggaCcacggggugcc..... 1
Gi3_26912603_x17.....guggCaacacggggugccgaac..... 1
Gi5_8310378_x17.....ggAaacacggggugccgaacu..... 1
Gi3_26877719_x17.....gugggaacacggggugUcga..... 1
Gi2_10231140_x17.....ggaacaUggggugccgaac..... 1
Gi3_26878280_x17.....cUgagacgucgugggaacac..... 1
Gi2_10244723_x17.....guNggaacacggggugccgaacu..... 1
Gi5_8316345_x17.....ugggaacacgggCugccgaacu..... 1
Gi2_10247443_x17.....ucgugggGacacggggugccgaac..... 1
Gi5_8316532_x17.....ggaacacggggCgccgaac..... 1
Gi2_10237668_x17.....gggaGcacggggugccgaac..... 1
Gi1_3854764_x17.....gugggaacacggggugccgaU..... 1
G1a_5521849_x17.....uAggaacacggggugccgaacu..... 1
Gi3_26893750_x17.....Gggagacgucgugggaacacggggugcc..... 1
Gi1_3848882_x17.....aacacgAgggugccgaacu..... 1
Gi2_10235050_x17.....Ugagacgucgugggaacacggggug..... 1
Gi3_26906500_x17.....gucgugggaacaUggggugccgaacu..... 1
Gi3_26882938_x17.....ucgugggaaUacggggugccgaacu..... 1
Gi2_10232092_x17.....ugggaacacgggAugccgaacu..... 1
Gi3_26875339_x17.....cggagacgucgugggaacCcgggg..... 1
Gi1_3849443_x17.....gCaacacggggugccgaacu..... 1

Gi5_8320969_x17.....ucgugAgaacacggggugccgaacu..... 1
 Gi2_10235764_x17.....aucggagacgucgugggaacacggggCgcc..... 1
 Gi2_10239555_x17.....cgugggaacacgCggugccgaacu..... 1
 Gi2_10238637_x17.....gaacacggggGgccgaacu..... 1
 Gi2_10234472_x17.....Ugagacgucgugggaacac..... 1
 Gi2_10248208_x17.....aucggagacgucgugggGaca..... 1
 Gi2_10236223_x17.....gAgaacacggggugccgaac..... 1
 Gi2_10234557_x17.....aucgUagacgucgugggaacacggggugc..... 1
 Gi3_26896810_x17.....gaacacUgggugccgaacu..... 1
 Gi2_10241221_x17.....cAucgugggaacacggggugccgaacu..... 1
 Gi3_26877345_x17.....aucggagacgucgugggaacacAgg..... 1
 Gi3_26882088_x17.ugcgaucggagacgucgugggaacacggg..... 0
 Gi3_26901179_x17.....acgucgugggaacGcggg..... 1
 Gi2_10233928_x17.....aucggagacgucgugggaCcac..... 1
 Gi3_26896385_x17.....cgugggaacUcggggugccgaac..... 1
 Gi1_3854645_x17.....ggaacGcggggugccgaacu..... 1
 Gi2_10239504_x17.....gaacacggggugUcgaacu..... 1
 Gi5_8309528_x17.....cgAucgugggaacacggggugccgaacu..... 1
 Gi3_26900686_x17.....Ugagacgucgugggaacacggggugccgaac..... 1
 Gi3_26891506_x17.....ugggaacacggggugUcgaac..... 1
 Gi3_26894056_x17.....cgugggGacacggggugccga..... 1
 Gi3_26896946_x17.....gucgugAgaacacggggugccgaacu..... 1
 Gi3_26877464_x17.....cgaucggagacgucgugggaacacgggg..... 0
 Gi3_26907095_x17.....ugggaacacggggugcUgaa..... 1
 Gi3_26909577_x17.....gugggaacaAggggugcc..... 1
 Gi1_3849715_x17.....gggaacacggggugccgaGcu..... 1
 Gi3_26879589_x17.....gucguggAaacacggggugccgaacu..... 1
 Gi2_10248242_x17.....Ugagacgucgugggaacacggggg..... 1
 Gi3_26894855_x17.....ugggaacacggggCgccg..... 1
 Gi5_8315546_x17.....aacacggUgugccgaacu..... 1
 G1a_5522461_x17.....Ccgucgugggaacacggggugccgaacu..... 1
 Gi3_26912484_x17.....Uaucggagacgucgugggaac..... 1
 Gi3_26912467_x17.....gcgaucggagacgucgugggaacacggggg..... 0
 Gi2_10229270_x17.....cgugggaacacggggugccgaaA..... 1
 Gi3_26899734_x17.....cgugUgaacacggggugccga..... 1
 Gi2_10234081_x17.....Ggucgugggaacacggggugcc..... 1
 G1a_5529618_x17.....guggAaacacggggugccgaacu..... 1
 Gi3_26894022_x17.....acgucgugggaacacggggugccgaUc..... 1
 Gi2_10245845_x17.....cgugggGacacggggugcc..... 1
 Gi2_10249041_x17.....ucgugggaacacggggugcUgaacu..... 1
 Gi2_10248225_x17.....cgugggaacaUggggugccgaac..... 1
 Gi1_3851381_x17.....gggaacacggggGgccgaacu..... 1
 Gi2_10248616_x17.....guggUaacacggggugccga..... 1
 Gi5_8312605_x17.....gugggaacacggggCgccgaac..... 1
 Gi5_8319150_x17.....Uaucggagacgucgugggaacac..... 1
 Gi3_26901808_x17.....gugggaacacUgggugccgaac..... 1
 Gi3_26905803_x17.....ggaacUcggggugccgaac..... 1

Gi5_8321394_x17.....cgugCgaacacggggugccgaacu.....	1
Gi2_10230392_x17..gcgaucggagacgucgugggaacacggggug.....	0
Gi3_26913130_x17.....ggaacacggggugccgaaAu.....	1
Gi3_26893138_x17.....gucgugggGacacggggugccgaac.....	1
Gi1_3847505_x17.....ugggaacacggggugccAaacu.....	1
Gi2_10230341_x17....aCcgagacgucgugggaacacg.....	1
Gi2_10246168_x17.....ugggaacGcggggugccgaac.....	1
Gi2_10234455_x17....aucggagacgucgugggaacGcggggu.....	1
Gi2_10240286_x17.....gucgugggaacacggggugcUgaacu.....	1
Gi1_3852962_x17.....gugggaacacggAgugccgaacu.....	1
G1a_5531573_x17.....gugAgaacacggggugccgaacu.....	1
Gi3_26910223_x17.....cgugggaacacggggCgccga.....	1
Gi2_10234880_x17.....cgugggaGcacggggugcc.....	1
Gi3_26876750_x17.....acgucgugggaacacggggCgccgaac.....	1
Gi3_26876886_x17....aucggagGcucgugggaacacgg.....	1
Gi3_26895331_x17..Ucgaucggagacgucgug.....	1
Gi3_26904239_x17....aCcgagacgucgugggaacacgggg.....	1
Gi3_26907299_x17.....Agggaacacggggugccgaa.....	1
Gi5_8309698_x17.....gucgugggGacacggggugccgaacu.....	1
Gi1_3854135_x17....aucggGgacgucgugggaacacggggugcc.....	1
Gi3_26891846_x17....aucggagacgucgugggGacacgg.....	1
Gi2_10232058_x17.....cgucgugggaacacggggCgccg.....	1
Gi3_26903066_x17.....ucgugggaacacggggugccgUacu.....	1
Gi3_26880167_x17.....cgugggCacacggggugccgaac.....	1
Gi2_10247681_x17....cggGgacgucgugggaacacggggugccga.....	1
Gi3_26900737_x17....aucggagGcucgugggaacacgggg.....	1
Gi3_26881884_x17.....acgucgugggaacacggggugccgCac.....	1
Gi1_3854475_x17.....gAgaacacggggugccgaacu.....	1
Gi1_3856865_x16.....gggaacacggggugccgGacu.....	1
Gi1_3857585_x16.....gucgugggaacacggggugccgCacu.....	1
Gi1_3860737_x16.....ugggaacacggggAgccgaacu.....	1
Gi3_26922685_x16.....gggaacacNgggugccga.....	1
Gi3_26914269_x16.....gucgugggaacacggggugcAgaacu.....	1
Gi1_3862289_x16.....Ugaacacggggugccgaa.....	1
Gi3_26919661_x16.....cgugUgaacacggggugc.....	1
Gi2_10253673_x16.....aacaUggggugccgaacu.....	1
Gi3_26941853_x16.....acgucgugggaacacggggugccgGacu.....	1
Gi2_10261529_x16.....Uagacgucgugggaacacggggug.....	1
Gi3_26935917_x16.....gucgugggaacacggAgugccgaacu.....	1
Gi3_26913757_x16.....cguUgugggaacacggggugcc.....	1
Gi3_26945933_x16.....ggaacCcggggugccgaacu.....	1
Gi2_10252569_x16.....ggaacacggggugccgaaUu.....	1
Gi3_26927149_x16...Caucggagacgucgugggaacacggg.....	1
Gi3_26945453_x16.....Ggucgugggaacacggggugc.....	1
Gi3_26927021_x16.....ucgugggaacacgAggugccgaacu.....	1
Gi3_26923933_x16.....ugggaacacggggugcGgaacu.....	1
Gi3_26937837_x16.....Uucgugggaacacggggu.....	1

G1a_5535933_x16.....cggagacgucgugggaaacacggggug..... 0
 Gi3_26927741_x16.....ugggaacacgggUugccgaa..... 1
 G1a_5536733_x16.....gggGacacggggugccgaacu..... 1
 Gi2_10264089_x16.....gGcuggggaacacggggugccga..... 1
 Gi1_3860353_x16.....gGcugcugggaaacacggggugccgaacu..... 1
 Gi2_10263897_x16.....acgucgugggaaacacggggGgcc..... 1
 Gi2_10262121_x16.....gggaacacggggugUcgaacu..... 1
 Gi3_26914733_x16.....ucgugggaaacacggggGgccgaac..... 1
 Gi1_3857713_x16.....gaacacggggGgccgaacu..... 1
 Gi1_3857105_x16.....guggaaacacggggUaccgaacu..... 1
 G1a_5542141_x16.....guggaaacacggggugUcgaacu..... 1
 Gi3_26932061_x16.....gugAgaacacggggugccga..... 1
 Gi2_10251209_x16.....gugggUacacggggugccgaac..... 1
 Gi1_3858817_x16.....cgugggaaacUcggggugccgaacu..... 1
 Gi4_508468_x16.....agacgucgugggaaacacggggugccgaacu..... 0
 Gi3_26920941_x16.....aAcggagacgucgugggaaacacggg..... 1
 Gi1_3855489_x16.....guggaaacacgggAugccgaacu..... 1
 Gi4_508724_x16.....ggaacacggggugccgaacu..... 0
 Gi3_26947133_x16.....ucgAgggaacacggggugccgaacu..... 1
 Gi3_26921437_x16.....cgugggGacacggggugc..... 1
 Gi3_26918093_x16.....ugggaacacUgggugccgaacu..... 1
 Gi2_10266617_x16.....Cugggaacacggggugccga..... 1
 Gi2_10264681_x16.....ggaaUacggggugccgaacu..... 1
 Gi3_26948717_x16.....Uaucggagacgucguggg..... 1
 Gi3_26932205_x16.....ugggaacacggUgugccgaacu..... 1
 Gi3_26920237_x16.....aacacggCgugccgaacu..... 1
 Gi2_10267481_x16.....gggaacacggggugccgaacG..... 1
 Gi2_10264569_x16.....aacacggggugcGgaacu..... 1
 Gi2_10267641_x16.....gggaacacgAggugccgaacu..... 1
 Gi5_8326400_x16.....gaacacggggugccgaaUu..... 1
 Gi3_26924189_x16.....ugggaacacggggugccAaa..... 1
 Gi3_26951997_x16.....cgucgugggaaacacggggUac..... 1
 Gi1_3855665_x16.....cgCcgugggaaacacggggugccgaacu..... 1
 Gi1_3854897_x16.....uUggaacacggggugccga..... 1
 Gi3_26924893_x16.....gggNacacggggugccgaacu..... 1
 Gi3_26940045_x16.....gggaacacggggugAcgaacu..... 1
 Gi3_26917373_x16.....acgucgugggaaacacggggugcUgaacu..... 1
 Gi2_10260009_x16.....cgucgugggaaacGcggggugccgaacu..... 1
 Gi3_26947341_x16.....aucggagacgucguAggaacacg..... 1
 Gi1_3855281_x16.....gCgaacacggggugccgaacu..... 1
 Gi2_10269785_x16.....gugggaacacggggugAcgaac..... 1
 Gi2_10265865_x16.....gugggaacacggggugccgaG..... 1
 Gi3_26915021_x16.....cUgagacgucgugggaaacacggggugccga..... 1
 Gi3_26914509_x16.....gugggaacacggggugAcga..... 1
 Gi3_26919069_x16.....ugggaacacggggugccgaaA..... 1
 Gi2_10270937_x16.....gaacacggAgugccgaacu..... 1
 Gi3_26925453_x16.....gugggaacacggAgugccg..... 1

Gi2_10254057_x16.....cgucgugggGacacggggugccg..... 1
 Gi5_8334016_x16.....gucgugggaGcacggggugccgaacu..... 1
 Gi2_10255673_x16.....Gcggagacgucgugggaacacg..... 1
 Gi3_26945245_x16.....Ggucgugggaacacggggugccga..... 1
 Gi3_26943277_x16.....cUaucggagacgucgugggaacacggggu..... 1
 Gl1a_5543101_x16.....gggaacacNgggugccgaacu..... 1
 Gi2_10258633_x16.....gugggaacacgggAugcc..... 1
 Gi3_26948909_x16.....gucgugggaacacgAggugccgaacu..... 1
 Gi2_10252985_x16.....gugggaacacggggCgccg..... 1
 Gi1_3862353_x16.....gugggaacacgAggugccgaacu..... 1
 Gi2_10261801_x16.....aacacgggguAccgaacu..... 1
 Gi3_26915997_x16.....gGcugucgugggaacacggggugccgaac..... 1
 Gi3_26949069_x16.....Cucggagacgucgugggaacacggggu..... 1
 Gi1_3858417_x16.....cgugggaacacggggugc..... 0
 Gi3_26943021_x16.....agUcugucgugggaacacggggugccgaacu..... 1
 Gi2_10266985_x16.....cggaUacgucgugggaacacggggugcc..... 1
 Gi3_26947821_x16.....Ugugggaacacggggugccga..... 1
 Gi5_8332400_x16.....gAgggaacacggggugccgaac..... 1
 Gi3_26922349_x16.....gacgucgugggaacacggggGgccgaacu..... 1
 Gi3_26946493_x16.....aucAgagacgucgugggaacacggggu..... 1
 Gi3_26946269_x16.....cUugggaacacggggugccga..... 1
 Gi2_10263721_x16.....Uaucggagacgucgugggaac..... 1
 Gl1a_5542717_x16.....uGgaacacggggugccgaacu..... 1
 Gi3_26919405_x16.....acgucgugggGacacggggugccgaac..... 1
 Gi3_26952061_x16.....gAgggaacacggggugccg..... 1
 Gi3_26946285_x16.....gucgugggaGcacggggugccgaac..... 1
 Gi3_26939629_x16.....ucgugggaacacgggguAccgaac..... 1
 Gi3_26948573_x16.....gacgucgugggaacacggggCgccgaac..... 1
 Gi5_8323872_x16.....cUucgugggaacacggggugc..... 1
 Gi2_10259737_x16.....gugggaacacggggugccgaaU..... 1
 Gi3_26933677_x16.....gugggaacacgUggugccgaac..... 1
 Gi3_26923997_x16.....ggaacacggggugAcgaac..... 1
 Gi2_10267145_x16.....gugggaacacggggugccgUac..... 1
 Gi2_10252233_x16.....aacacggggugccgaaUu..... 1
 Gi5_8338224_x16.....ugggaacacggggugccgaaAu..... 1
 Gi1_3861953_x16.....acgucgugggaacacggggugccgCacu..... 1
 Gi3_26934733_x16.....guggAaacacggggugccg..... 1
 Gi2_10256089_x16.....ucggagacgucgugggaacacggggugccga..... 0
 Gi3_26941741_x16.....cgucgugggaacacggggGgccg..... 1
 Gi3_26914301_x16.....ugggaacacggggugccAa..... 1
 Gi3_26926621_x16.....ucgugggaCcacggggugccgaacu..... 1
 Gi1_3871277_x15.....aGgucgugggaacacggggugccgaacu..... 1
 Gi3_26970535_x15.....Aaucggagacgucgugggaacacggg..... 1
 Gi5_8341652_x15.....gggaacacgggguAccgaacu..... 1
 Gi3_26965330_x15.....aucggagacgucguggAaacacg..... 1
 Gi3_26986525_x15.....gugggaCcacggggugcc..... 1
 Gi4_510062_x15.....ugggaacacggggugccgaac..... 0

Gi3_26990530_x15.....gacgucgugggaacacggggCgccgaacu..... 1
Gi3_26954005_x15.....ugggCacacggggugccgaac..... 1
Gi3_26985820_x15.....gugggaacacggggugUcg..... 1
Gi3_26974450_x15.....gagacgucgugggaacacgggAugccg..... 1
Gi1_3868577_x15.....aGcggagacgucgugggaacacg..... 1
Gi3_26961790_x15.....acgucAugggaacacggggugccgaacu..... 1
Gi1_3865667_x15.....acgucgugggaacacggggCgccgaacu..... 1
Gi2_10285165_x15.....gugggaacacggggugccgaaGu..... 1
Gi5_8341307_x15.....cAucgugggaacacggggugccgaacu..... 1
Gi3_26982400_x15.....Aaucggagacgucgugggaacacgggg..... 1
Gi2_10281505_x15.....cgucguggNaacacggggugc..... 1
G1a_5544944_x15.....cUugggaacacggggugc..... 1
Gi1_3870692_x15.....gaacacggggugccgaacA..... 1
Gi3_26990470_x15.....gugggaacaUggggugccgaa..... 1
Gi3_26977585_x15.....Cucgugggaacacggggugccgaac..... 1
Gi3_26971750_x15.....Ugugggaacacggggugc..... 1
Gi2_10291165_x15.....cgucguggNaacacggggugcc..... 1
Gi2_10288990_x15.....Agggaacacggggugccgaac..... 1
Gi3_26981710_x15.....cgugggaacCcgggugccgaac..... 1
Gi2_10287070_x15.....guggAaacacggggugcc..... 1
Gi3_26985610_x15.....gaucggagacgucguggCacacgggg..... 1
Gi1_3864797_x15.....Cacgucgugggaacacggggugccgaacu..... 1
Gi1_3866147_x15.....gUgaacacggggugccgaacuu..... 1
Gi3_26956360_x15.....gucgugggaacacggggugAcgaacu..... 1
Gi3_26959030_x15.....cgucgugggaacGcggggugccga..... 1
Gi3_26966320_x15.....gaacacggggUccgaacu..... 1
Gi2_10280350_x15.....cgaucggagacgucgugggaacacggggugcc..... 0
Gi3_26976220_x15.....ucAugggaacacggggugccgaac..... 1
Gi2_10292560_x15.....ucgugggaacacggggugccgaGc..... 1
Gi3_26987845_x15.....gugggaaGacggggugccgaacu..... 1
Gi3_26955925_x15.....gugggCacacggggugcc..... 1
Gi2_10293100_x15.....cgCgggaacacggggugc..... 1
Gi2_10288480_x15.....cgGgggaacacggggugccga..... 1
Gi3_26983330_x15.....Gcggagacgucgugggaacacgggg..... 1
Gi5_8349542_x15.....ugggaacacggggugccgaaUu..... 1
Gi3_26966620_x15.....Gcggagacgucgugggaacacg..... 1
Gi3_26955235_x15.....cgaucggagacgucgugggaacacggggug..... 0
Gi5_8339162_x15.....cgGgggaacacggggugccgaac..... 1
Gi2_10292710_x15.....ucgugggaacaUggggugccgaacu..... 1
Gi2_10286065_x15.....ggaacCcgggugccgaacu..... 1
Gi1_3870557_x15.....aacacgggAugccgaacu..... 1
Gi2_10286365_x15.....gaacacggggugccgUacu..... 1
Gi5_8354492_x15.....ucgugggaacacggggAgccgaacu..... 1
Gi3_26980600_x15.....aucggagacgucguAggaacacgggg..... 1
Gi4_510287_x15.....Uggaacacggggugccgaacu..... 1
Gi2_10285195_x15.....cUaucggagacgucgugggaacacggg..... 1
G1a_5554544_x15.....Uaucggagacgucgugggaacacgggg..... 1

Gi2_10286815_x15.....gugggCacacggggugcc..... 1
Gi2_10277275_x15.....acgucgugggaacacggggCgccgaacu..... 1
Gi3_26954680_x15.....acgucguAggaacacggggugccgaacu..... 1
Gi5_8348927_x15.....gggGacacggggugccgaac..... 1
Gi3_26978905_x15.....ugggaacGcggggugccga..... 1
Gi3_26986045_x15.....Ggacgucgugggaacacggggugccgaac..... 1
Gi3_26980240_x15.....gggaacacggAgugccgaac..... 1
Gi2_10277770_x15.....cggagacgucgugggaGcacggggugcc..... 1
Gi2_10289785_x15.....aucggagacgucgugggaacacggggGgc..... 1
Gi3_26953120_x15.....ggaacacggggCgccgaa..... 1
Gi2_10292485_x15.....gucgugggaacacAgggugccgaacu..... 1
Gi1_3865442_x15.....Cgggaacacggggugccgaac..... 1
Gi2_10294120_x15.....gucguAggaacacggggugccgaacu..... 1
Gi5_8342597_x15.....ucgugggCacacggggugccgaacu..... 1
Gi3_26961295_x15.....ggaacacggggAgccgaac..... 1
Gi2_10286545_x15.....aucggagaNgucgugggaacacggg..... 1
Gi3_26957845_x15.....Cgaacacggggugccgaa..... 1
Gi5_8342417_x15.....ggaUacggggugccgaacu..... 1
Gi2_10282390_x15.....ggaacacggggugcUgaac..... 1
Gi3_26991610_x15.....aucggagaUgucgugggaacacgggg..... 1
Gi3_26969725_x15.....gggaacGcggggugccgaa..... 1
Gi2_10289995_x15.....ucgugggaacacggggugUcgaacu..... 1
Gi2_10287400_x15.....cgugggaacacgggCugccgaacu..... 1
Gi2_10274620_x15.....aucggagGcucgugggaacacgggg..... 1
Gi2_10286245_x15.....ucgugAgaacacggggugccgaacu..... 1
Gi5_8351357_x15.....cguggCaacacggggugccgaacu..... 1
Gi5_8341052_x15.....cgucgugggaCcacggggugccgaacu..... 1
Gi1_3866567_x15.....gugggaaAacggggugccgaacu..... 1
Gi2_10292455_x15.....guUgugggaacacggggugccgaac..... 1
Gi3_26992150_x15.....cgugggaacGcggggugcc..... 1
Gi2_10292410_x15.....gaucgAagacgucgugggaacacggg..... 1
Gi3_26961460_x15.....cgucgugggaacGcggggugcc..... 1
Gi2_10280290_x15.....gggaacacggggugccgaUc..... 1
Gi3_26957065_x15.....gugggaacacgggAugccga..... 1
Gi3_26964910_x15.....cgugUgaacacggggugccg..... 1
Gi2_10278850_x15.....gugggaacacggggCgccgaa..... 1
Gi3_26986090_x15.....ucgugggCacacggggugccgaacu..... 1
Gi2_10288285_x15.....cUgagacgucgugggaacacg..... 1
Gi1_3866357_x15.....gucgugggaacacggggugccgaaA..... 1
Gi3_26953795_x15.....gaucggagNcgucgugggaacacggg..... 1
G1a_5546579_x15.....cUaucggagacgucgugg..... 1
Gi2_10282375_x15.....gugggaacCcgggugccgaa..... 1
Gi2_10289020_x15.....gucgugggaacacggggugccgCac..... 1
Gi3_26976115_x15.....aucAgagacgucgugggaacacggg..... 1
Gi2_10285135_x15.....aucAgagacgucgugggaaca..... 1
Gi1_3871667_x15.....cgugggaaUacggggugccgaacu..... 1
Gi3_26987935_x15.....cgucgugggaGcacggggugccgaac..... 1

Gi3_26975725_x15.....gggaacacggggugccgaaU..... 1
Gi3_26958190_x15.....acgucguggAaacacggggugccgaacu..... 1
Gi5_8352467_x15.....ucgugggaacacgAgggugccgaacu..... 1
Gi5_8344022_x15.....gugggaacacgUggugccgaacu..... 1
Gi3_27017525_x14.....cAugggaacacggggugccga..... 1
Gi3_27023825_x14....gaucggagacgucgugggGacacggggu..... 1
Gi1_3877444_x14.....gucgugggaacacggggGgccgaacu..... 1
Gi2_10305143_x14.....cgugggaacacgAgggugccgaac..... 1
Gi3_27022593_x14.....gGcgugggaacacggggugc..... 1
Gi3_27000347_x14.....Agggaacacggggugccga..... 1
Gi5_8364035_x14.....cUucgugggaacacggggugccga..... 1
Gi2_10310043_x14.....cgugggaGcacggggugccga..... 1
Gi5_8360171_x14.....cgugggaacacggggugccgaUcu..... 1
Gi1_3873468_x14.....gugggaacacggggugccgaaUu..... 1
Gi3_27006311_x14.....gacgucgugggaacacgggAugccgaac..... 1
Gi2_10306417_x14.....ggagacguNgugggaacacggggugcc..... 1
Gi1_3875064_x14.....ugggaacaNggggugccgaac..... 1
Gi3_27006283_x14....aucggagacgucgugggaacacggggAgcc..... 1
Gi3_27032477_x14.....cgAcgugggaacacggggugccgaac..... 1
Gi1_3877024_x14.....ggGacacggggugccgaacu..... 1
Gi1_3878494_x14.....ggagacgucgCgggaacacggggugccgaacu..... 1
Gi3_27013899_x14.....cgucgugggaacacggggAgccgaac..... 1
Gi2_10298927_x14.....cgucgugggaacacggggugcUgaacu..... 1
Gi1_5563275_x14....aucggagacgucgugggaGcacggggugc..... 1
Gi3_27033695_x14....Uucggagacgucgugggaacacggggu..... 1
Gi2_10301741_x14.....ugggGacacggggugccgaac..... 1
Gi1_3875750_x14.....Acgugggaacacggggugccgaacu..... 1
Gi2_10309987_x14.....gugggaacacggggugcA..... 1
Gi2_10301293_x14.....gGgacgucgugggaacacggggugccgaac..... 1
Gi3_27008355_x14.....gggGacacggggugccgaa..... 1
Gi2_10307565_x14.....gugggaacacggggugccgG..... 1
Gi3_27002013_x14.....cgucgugggUacacggggugcc..... 1
Gi2_10296155_x14....cUaucggagacgucgugggaacacg..... 1
Gi5_8359023_x14.....agacgucgugggGacacggggugccgaacu..... 1
Gi3_27026667_x14.....gugggaacacggCgugccgaac..... 1
Gi3_27015467_x14.....cUucgugggaacacggggu..... 1
Gi5_8362285_x14.....ugggaacacggggugcGgaacu..... 1
Gi2_10314537_x14....Uaucggagacgucgugggaacacgg..... 1
Gi3_27000697_x14.....aacacggggugAcgaacu..... 1
Gi2_10314453_x14.....ugggaacacggggAgccgaacu..... 1
Gi2_10306333_x14.....gugggaacacgggguAcc..... 1
Gi1_3882344_x14.....ucUugggaacacggggugccgaacu..... 1
Gi1_3875470_x14.....ugggaaUacggggugccgaacu..... 1
Gi1_3877192_x14.....gAaacacggggugccgaacu..... 1
Gi3_27035683_x14....aucggagacgucgugggaaAacggggu..... 1
Gi1_3881588_x14.....ugggaacacggggugccgaa..... 0
Gi5_8358449_x14.....Cggaacacggggugccgaac..... 1

Gi2_10302175_x14.....ggaacacggggAgccgaac..... 1
Gi3_27023657_x14.....Gucggagacgucgugggaacacggggugc..... 1
Gi2_10310645_x14.....Ugugggaacacggggugcc..... 1
Gi3_27030545_x14.....cCucgugggaacacggggugccgaacu..... 1
Gi2_10315181_x14.....cgugggaacaAggggugccgaacu..... 1
Gi1_3879348_x14.....ucgugggaacacggggugccGacu..... 1
Gi3_27009727_x14.....aucggagacgucgugggaacCcgggg..... 1
Gi3_26997953_x14.....cgucgugggaacacggAgugccgaacu..... 1
Gi2_10299431_x14.....gugggaacacggggGgccgaa..... 1
Gi5_8366541_x14.....cgucgugggaacacggggugccGacu..... 1
Gi5_8358253_x14.....cgugggaacacggggugccUaacu..... 1
Gi2_10312227_x14.....ucgugggaacacggggugccAaacu..... 1
Gi2_10297919_x14.....gucgugggNacacggggugccgaac..... 1
Gi5_8367521_x14.....cgugggaacUcggggugccgaacu..... 1
Gi3_27016783_x14.....gaucggagacgucgugggaGcacggg..... 1
Gi2_10297961_x14.....cCugggaacacggggugcc..... 1
Gi3_26996539_x14.....aucggagacgucgugggaCcac..... 1
Gi3_26999073_x14.....acgucgugNgaacacggggugcc..... 1
Gi3_27003077_x14.....gugAgaacacggggugccgaa..... 1
Gi3_27016013_x14.....gUgaacacggggugccgaacu..... 1
Gi5_8362537_x14.....acgucgugggaacacggggugccGcu..... 1
Gi2_10300131_x14.....aacacgAggugccgaacu..... 1
Gi1_3882148_x14.....uggAaacacggggugccgaacu..... 1
Gi5_8372323_x14.....aacacgggCugccgaacu..... 1
Gi2_10307593_x14.....gugggaacacgggCugccgaacu..... 1
Gi3_27032603_x14.....gggaacacggggugUcgaac..... 1
Gi1_3872894_x14.....ugggaacCggggugccgaacu..... 1
Gi3_27011687_x14.....gugggaacacggggugccCaac..... 1
Gi1_3880790_x14.....cgugggaCcacggggugccgaacu..... 1
Gi2_10301125_x14.....gggaacacgAggugccgaac..... 1
Gi3_26993571_x14.....guUgugggaacacggggugcc..... 1
G1a_5560391_x14.....aGcggagacgucgugggaacacggg..... 1
Gi3_27024875_x14.....cgucguggAaacacggggugccgaacu..... 1
Gi2_10306221_x14.....Ugucgugggaacacacggggugccgaacu..... 1
G1a_5567461_x14.....gugggaacacggAgugccgaacu..... 1
Gi3_26994859_x14.....acgucgugAgaacacggggugccgaacu..... 1
Gi3_26997533_x14.....ugggaacacggggugAcggaac..... 1
Gi1_3879432_x14.....cgugggaacacggggugcUgaacu..... 1
Gi3_27004225_x14.....ucgugggaacacggggugccgaacG..... 1
Gi5_8369117_x14.....ggUacacggggugccgaac..... 1
Gi2_10298759_x14.....gggaacacgggAugccgaa..... 1
Gi3_27035431_x14.....gggaacacggggugcGgaacu..... 1
Gi3_27036117_x14.....gGucggagacgucgugggaacac..... 1
Gi3_26994803_x14.....Ugucgugggaacacggggugcc..... 1
Gi5_8371203_x14.....agacgucgugggaacacggggCgccgaacu..... 1
Gi5_8356979_x14.....ugggaacacggggugAcgaacu..... 1
Gi1_3877626_x14.....aacacggggugcGgaacu..... 1

Gi1_3879236_x14.....gaacacggAgugccgaacu..... 1
 Gi3_26995573_x14.....ugggaacacggggugcUga..... 1
 Gi4_511002_x14.....gGgggaacacggggugccgaa..... 1
 Gi2_10296127_x14.....cguggUaacacggggugccgaacu..... 1
 Gi1_5570275_x14.....cgAgggaacacggggugccgaacu..... 1
 Gi1_3878522_x14.....Uagacgucgugggaacacggggugcc..... 1
 Gi2_10303743_x14.....cggagacgCcgugggaacacggggugcc..... 1
 Gi3_27010203_x14.....Uucgugggaacacggggug..... 1
 Gi2_10300285_x14.....gugggaGcacggggugccgaa..... 1
 Gi5_8361347_x14.....aGcggagacgucgugggaacacgg..... 1
 Gi5_8364273_x14.....uCggaacacggggugccgaac..... 1
 Gi5_8364455_x14.....gugggaacGcggggugccgaac..... 1
 Gi3_27000389_x14.....aucggagacgucgugggaacGcgg..... 1
 Gi2_10306123_x14.....gucgugggaacCcgggugccgaac..... 1
 Gi2_10315055_x14.....aacacggAgugccgaacu..... 1
 Gi5_8370349_x14.....ucgugggaacacUgggugccgaacu..... 1
 Gi5_8356643_x14.....gaacacggggugccgaacA..... 1
 Gi3_27018715_x14.....agacgucgugggaacacggggCgccgaacu..... 1
 Gi3_27020339_x14.....aucggGgacgucgugggaacacgg..... 1
 Gi2_10317505_x14.....ugggaacacggggCgccgaac..... 1
 Gi2_10316063_x14.....Ugagacgucgugggaacacg..... 1
 Gi2_10304079_x14.....gugggaacacggUgugccg..... 1
 Gi3_27036845_x14.....gaaGacggggugccgaacu..... 1
 Gi5_8365561_x14.....aCcacggggugccgaacu..... 1
 Gi3_27033891_x14.....aucggagacgucgugggaacacgAg..... 1
 Gi1_3881728_x14.....ugggaacacggggugccgGacu..... 1
 Gi2_10310939_x14.....aucggagacgucgugggaCcacggg..... 1
 Gi1_3876590_x14.....ucgugAgaacacggggugccgaacu..... 1
 Gi3_27069773_x13.....gucgugggaacacAgggugccgaac..... 1
 Gi1_3892820_x13.....gaacacggggUaccgaacu..... 1
 Gi3_27040822_x13.....gUagacgucgugggaacacggggugccg..... 1
 Gi2_10331502_x13.....guggUaacacggggugccgaa..... 1
 Gi3_27046724_x13.....agGcgcgucgugggaacacggggugccgaacu..... 1
 Gi1_3884799_x13.....cgucgugggaacacggggugcU..... 1
 Gi5_8386585_x13.....cgugggaacacggggugccgaCc..... 1
 Gi2_10330462_x13.....gugggaacacggggugAc..... 1
 Gi3_27067849_x13.....aucggagacguUgugggaacacg..... 1
 Gi1_3887698_x13.....uGgugggaacacggggugcc..... 1
 Gi5_8385727_x13.....aacCcgggugccgaacu..... 1
 Gi2_10323975_x13.....aucggagacgucgugggaCcacggggug..... 1
 Gi2_10320426_x13.....ggaacacggggugccAaac..... 1
 Gi1_3884045_x13.....gUagacgucgugggaacacggggugcc..... 1
 Gi3_27068837_x13.....ugggaacacggggugcAga..... 1
 Gi3_27076377_x13.....gaucggagacgucgugggaacGcgggu..... 1
 Gi5_8378512_x13.....ggaacacggggugAcgaacu..... 1
 Gi5_8381749_x13.....ucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27076078_x13.....auUggagacgucgugggaacac..... 1

Gi3_27048557_x13.....cgugggUacacggggugc..... 1
 Gi1_3889765_x13.....Agaacacggggugccgaac..... 1
 Gi2_10336377_x13.....cgGcgugggaacacggggugcc..... 1
 Gi3_27083475_x13.....gucgugggaacacggggugUcgaacu..... 1
 Gi3_27065574_x13.....gggaacacggggGgccgaa..... 1
 Gi2_10328096_x13.....aucggagacgucgugggaacacggggCg..... 1
 Gi1_3892859_x13.....cgAcgugggaacacggggugccgaacu..... 1
 G1a_5574616_x13.uUcgauccgagacgucgu..... 1
 Gi3_27039054_x13.....aucggagacgucgugggaacac..... 1
 Gi2_10336429_x13.....ggagacgucgugggGacacggggugcc..... 1
 Gi2_10339484_x13.uUcgauccgagacgucgugggaaca..... 1
 Gi3_27058710_x13.....Cgggaacacggggugccg..... 1
 Gi5_8383738_x13.....gucgGgggaacacggggugccgaacu..... 1
 Gi2_10336793_x13.....ggagacgucgugggaacacggggugccga..... 0
 Gi3_27044189_x13.....gucgugAgaacacggggugccgaac..... 1
 Gi3_27048648_x13.....aacacgggUugccgaacu..... 1
 Gi3_27050845_x13.....cgugggaacacgggUugccgaacu..... 1
 Gi2_10322467_x13.....aUgucgugggaacacggggugcc..... 1
 Gi5_8384635_x13.....ucgugggaCcacggggugccgaacu..... 1
 Gi3_27037988_x13.....cgucgugggGacacggggugccg..... 1
 Gi1_3884266_x13.....cggagacgucgugggaacacggggugccgaac..... 0
 Gi2_10338496_x13.....gGucggagacgucgugggaacac..... 1
 Gi2_10326341_x13.....guggCaacacggggugccgaac..... 1
 Gi1_3889622_x13.....cgugggaacacgggAugccgaacu..... 1
 Gi3_27048817_x13.....acgucgugggaacacggggugccgaaAu..... 1
 G1a_5576917_x13.....cgugggaacacggggCgccgaacu..... 1
 Gi5_8383608_x13.....acgucgCgggaacacggggugccgaacu..... 1
 Gi5_8380787_x13.....cgNgggaacacggggugccgaacu..... 1
 Gi3_27053900_x13.....aucggagacgucgugAgaacacg..... 1
 Gi5_8387339_x13.....cgucgugggaacacggggugccgaCcu..... 1
 Gi3_27074219_x13.....aUacgucgugggaacacggggugccga..... 1
 Gi5_8390875_x13.....aUgucgugggaacacggggugccgaacu..... 1
 Gi5_8386247_x13.....guggUaacacggggugccgaac..... 1
 Gi5_8388457_x13.....Uaucggagacgucgugggaacacg..... 1
 Gi2_10329461_x13.....aucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27045502_x13.....Agucgugggaacacggggugccgaacu..... 1
 G1a_5574135_x13.....gugggaUcacggggugccgaacu..... 1
 Gi5_8389458_x13.....gucgugggaaAacggggugccgaacu..... 1
 Gi3_27044813_x13.....gugggaacacggggugcAga..... 1
 Gi1_3889206_x13.....gGgggaacacggggugccgaacuu..... 1
 G1a_5579894_x13.....Uggaacacggggugccgaa..... 1
 Gi2_10340134_x13.....ggagacgucgugggaacacggggCgcc..... 1
 Gi5_8377017_x13.....cgugggaacacggUgugccgaacu..... 1
 Gi3_27047751_x13.....Ugucgugggaacacggggugccgaac..... 1
 Gi1_3885969_x13.....cUgagacgucgugggaacacggggugc..... 1
 Gi2_10340576_x13.....guAggaacacggggugccg..... 1
 Gi3_27054368_x13.....aGcggagacgucguggga..... 1

Gi2_10340264_x13.....cgugggaacGcggggugcc..... 1
 Gi5_8380592_x13.....aacacggggugccgaUcu..... 1
 Gi2_10319269_x13.....gugggaacacggggugccAa..... 1
 Gi3_27056357_x13.....gggNacacggggugccgaac..... 1
 Gi3_27052041_x13.....aucgggagacgucAugggaacacggg..... 1
 Gi3_27083124_x13.....aucggGgacgucgugggaacacggggugcc..... 1
 Gi2_10324014_x13.....Cugggaacacggggugccgaa..... 1
 G1a_5572367_x13.....gggaacacggggugccgaCcu..... 1
 G1a_5578022_x13.....Uucgugggaacacggggugcc..... 1
 Gi2_10332815_x13cugcgauccggGgacgucgugggaacac..... 1
 Gi3_27061154_x13.....cgucgugggaacaUggggugccgaacu..... 1
 Gi1_3889180_x13.....gaacacggggugccgaacAu..... 1
 Gi3_27076247_x13.....Gcgucgugggaacacggggugcc..... 1
 Gi1_3890636_x13.....aacaGggggugccgaacu..... 1
 Gi2_10341174_x13.....cgugggaacacggggugcUgaac..... 1
 Gi1_3883083_x13.....gugggaacacggggugccUacu..... 1
 Gi2_10327797_x13.....gugggaacacggUgugcc..... 1
 Gi2_10323767_x13.....gUgacgucgugggaacacggggg..... 1
 Gi1_3888946_x13...Uaucggagacgucgugggaacac..... 1
 Gi3_27074661_x13.....gugggaacacggAgugccgaa..... 1
 Gi3_27052184_x13.....gggaacacgggCugccgaacu..... 1
 Gi2_10332724_x13.....ggaacacggggugUcgaac..... 1
 G1a_5581116_x13.....gacgucgugggaacacggggugccgaac..... 0
 Gi1_3886372_x13.....Agugggaacacggggugccgaacu..... 1
 Gi3_27064144_x13.....ucgugggaacaUggggugccgaac..... 1
 Gi2_10342331_x13.....cgucgugggaacacggggGgc..... 1
 Gi3_27061765_x13.....ugggaaAacggggugccgaacu..... 1
 Gi3_27067251_x13.....cgugggaacacgggggUccgaacu..... 1
 Gi2_10319945_x13....aCcgagacgucgugggaacac..... 1
 Gi3_27080758_x13.....cggagacgNcgugggaacacggggg..... 1
 Gi1_3892222_x13.....gggaacacggggugccAaacu..... 1
 Gi2_10337222_x13.....gaacacgggAugccgaacu..... 1
 Gi2_10321739_x13....aucgUagacgucgugggaacacggggg..... 1
 Gi3_27083969_x13....Uucggagacgucgugggaacacg..... 1
 Gi5_8375054_x13.....acgucgugggaacGcggggugccgaacu..... 1
 Gi3_27062051_x13....gaucggagacgucgCgggaacacggg..... 1
 Gi2_10336520_x13.....gugggaacacggggugcUga..... 1
 Gi5_8373156_x13.....cguUggaacacggggugccgaacu..... 1
 Gi1_3883343_x13.....gucgugggaacacggggugccgaCcu..... 1
 Gi3_27065964_x13.....cgucgugggaacacggggugccgaGc..... 1
 Gi2_10337521_x13.....ugggaacacgUggugccgaacu..... 1
 Gi3_27063975_x13.....gaacacgCggugccgaacu..... 1
 Gi2_10323715_x13.....gugggGacacggggugccgaa..... 1
 Gi3_27047608_x13.....gugggaCcacggggugccga..... 1
 Gi1_3888257_x13.....ucgugggaNcacggggugcc..... 1
 Gi2_10331086_x13.....gUgacgucgugggaacac..... 1
 Gi2_10328512_x13.....gggaacacggggGgcccgaac..... 1

Gi3_27058593_x13.....gugggaacacgggguAccgaa..... 1
 Gi2_10321050_x13.....Uucggagacgucgugggaacacggggu..... 1
 Gi2_10336364_x13.....gGgggaacacggggugccgaacuu..... 1
 Gi1_3887724_x13.....cgugggaacacggggugccgaacAu..... 1
 Gi2_10329318_x13.....gugggaacacCgggugccgaacu..... 1
 Gi5_8375678_x13.....ggaacacgAgggugccgaacu..... 1
 Gi3_27063962_x13.....gugAgaacacggggugccg..... 1
 Gi1_3888842_x13.....gggaacacgggguAccgaacu..... 1
 Gi3_27040796_x13.....cgucgugggaacacggggugUcgaacu..... 1
 Gl1_5583456_x13.....ugggaacacggggCgccgaacu..... 1
 Gi2_10336780_x13.....cgucgugggaacGcggggugcc..... 1
 Gi2_10318853_x13.....cgugAgaacacggggugccgaac..... 1
 Gi2_10320712_x13.....Uacgucgugggaacacgg..... 1
 Gi3_27038872_x13.....gggaacacgggCugccgaac..... 1
 Gi2_10324950_x13.....ugggGacacggggugccga..... 1
 Gi2_10337352_x13.....cggagacgucgugggaacacggggGgcc..... 1
 Gi3_27069578_x13.....aacacggggugccgaUcu..... 1
 Gl1_5579179_x13.....gCaacacggggugccgaacu..... 1
 Gi3_27059893_x13.....ugggaacacggggugccgCa..... 1
 Gi2_10340979_x13.....ggagacgucgugggaacacggggGgcc..... 1
 Gi3_27067706_x13.....ggUaacacggggugccgaa..... 1
 Gi3_27055356_x13.....ugggaaUacggggugccga..... 1
 Gi3_27052431_x13.....gGucggagacgucgugggaacacgg..... 1
 Gi3_27066016_x13.....ucgugggaacacggggAgccgaac..... 1
 Gi5_8373663_x13.....Agaacacggggugccgaac..... 1
 Gi3_27050676_x13.....ggaacGcggggugccgaa..... 1
 Gi2_10334284_x13.....gaacacggggAgccgaacu..... 1
 Gl1_5574590_x13.....Uaucggagacgucguggg..... 1
 Gi3_27074700_x13.....gucgugggaaUacggggugccgaacu..... 1
 Gi3_27057670_x13.....Uaucggagacgucguggga..... 1
 Gi3_27077404_x13.....aucggagacgucgugggaaUacg..... 1
 Gi2_10324105_x13.....gugggaCcacggggugccgaac..... 1
 Gi2_10336026_x13.....gugggaacacggggugUc..... 1
 Gi5_8387677_x13.ugcgauccggagacgucgugggaacacggg..... 0
 Gi1_3889453_x13.....cgucgugggGacacggggugccgaacu..... 1
 Gl1_5572432_x13.....gagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27043396_x13.....aaNacggggugccgaacu..... 1
 Gi3_27043461_x13.....aacacggggugccgaaGu..... 1
 Gi5_8378239_x13.....gugggaacacAgggugccgaac..... 1
 Gi3_27095265_x12.....cgugggaacacggggugccgGa..... 1
 Gi1_3901538_x12.....gucgugggaacacggggCgccgaacu..... 1
 Gi3_27094389_x12.....gaacacAgggugccgaac..... 1
 Gi1_3898730_x12.....ugggaacacgggUugccgaacu..... 1
 Gi3_27088161_x12.....gucgugggaacacggggugccAaac..... 1
 Gi2_10362994_x12.....auUggagacgucgugggaacacggggug..... 1
 Gi3_27089421_x12.....Uagacgucgugggaacacggggugcc..... 1
 Gi3_27112029_x12.....gugggaaUacggggugccgaa..... 1

Gi3_27106053_x12....aCcgagacgucgugggaaacacggggugcc.....1
Gi5_8399490_x12.....gggaacacggggugccgaGc.....1
Gi3_27096597_x12.....Uucgugggaaacacggggugccg.....1
Gi5_8400954_x12.....gucguAggaacacggggugccgaacu.....1
Gi1_3894578_x12.....gaacacgAggugccgaacu.....1
Gi3_27118185_x12.....gggaacacggggAgccgaac.....1
Gi3_27131097_x12.....aUgucgugggaaacacggggugccgaac.....1
Gi5_8404086_x12.....Gcggagacgucgugggaaacacg.....1
Gi2_10365430_x12.....ucguUggaacacggggugccgaac.....1
Gi3_27089613_x12.....acAucgugggaaacacggggugccgaacu.....1
Gi3_27103689_x12.....Agucgugggaaacacggggugccgaac.....1
Gi3_27108285_x12.....gucgugggaaUacggggugcc.....1
Gi2_10350262_x12.....aucggagacgucgugggGacacg.....1
Gi3_27093693_x12.....uGgugggaaacacggggugc.....1
Gi5_8403738_x12.....gggaacacggggugccgaUu.....1
Gi2_10359022_x12.....gggaacacAgggugccgaac.....1
Gi1_3901862_x12.....guggaaacacggggugcAgaacu.....1
Gi5_8394318_x12.....gaacacggggugccgaUcu.....1
Gi1a_5596075_x12.....Uaacacggggugccgaac.....1
Gi3_27104313_x12.....ugggaacacggggugccA.....1
Gi2_10362814_x12.....cguggaaacacggggugUcgaac.....1
Gi1_3902078_x12.....guggaaacacggggugUcgaacu.....1
Gi5_8403654_x12.....ugggGacacggggugccgaac.....1
Gi3_27125529_x12.....acgucgugggaaacacggggAgccgaacu.....1
Gi2_10356034_x12.....guggaaacacggAgugccg.....1
Gi3_27129081_x12.....cguggaaacacggggGcg.....1
Gi3_27114021_x12....gGucggagacgucgugggaaacacgggg.....1
Gi3_27103737_x12.....gaacacggggugccgaGu.....1
Gi2_10363750_x12....aucggagacgucgugggGcaccggggugcc.....1
Gi2_10366078_x12.....guggaaacacggggugUcga.....1
Gi3_27114297_x12.....Aacgucgugggaaacacggggugccgaac.....1
Gi3_27126465_x12.....guggaaacacGcgugccgaac.....1
Gi2_10360870_x12.....gUgacgucgugggaaacac.....1
Gi3_27125169_x12.....guggaaacacggggugcGgaac.....1
Gi1_3895202_x12.....acgucguggGacacggggugccgaacu.....1
Gi2_10361062_x12.....ucguggAaacacggggugccgaacu.....1
Gi3_27095721_x12.....cgucgugggaaacacggggGcgccg.....1
Gi3_27088365_x12.....guggaaacacggUugccgaacu.....1
Gi2_10349122_x12.....gAggaaacacggggugccga.....1
Gi5_8395194_x12.....ucgugggaaacacggggugccgaUu.....1
Gi5_8406594_x12.ugcgaucggagGcgucgugg.....1
Gi2_10368670_x12.....cAgagacgucgugggaaacacggggugcc.....1
Gi5_8394270_x12.....guggaaacNcggggugccga.....1
Gi5_8393562_x12.....acgucgugggaaacacggggGgcccgaacu.....1
Gi2_10356094_x12....gaucggagacgucgugggCacacggg.....1
Gi5_8406702_x12.....gaacacggggugccgUacu.....1
Gi1_3903482_x12.....cgGcugggaaacacggggugccgaacu.....1

Gi3_27092625_x12.....cgucgugggaacacAgggugcc..... 1
G1a_5597455_x12.....cgugggGaacacggggugccgaacu..... 1
Gi2_10348558_x12.....ucgugggaacacggggugccgCac..... 1
Gi5_8407974_x12.....uUggaacacggggugccgaacuuu..... 1
Gi5_8406462_x12.....Uuggaacacggggugccgaacuuu..... 1
Gi3_27090825_x12.....aucgUagacgucgugggaacacggggugcc..... 1
G1a_5598271_x12.....aGcggagacgucgugggaacacggggg..... 1
Gi3_27115845_x12.....gGcgcgucgugggaacacggg..... 1
Gi2_10343602_x12.....gGcgcgucgugggaacacggggugcc..... 1
Gi2_10353058_x12.....gugggUaacacggggugccgaa..... 1
Gi5_8392950_x12.....ucgugggaacacgggAugccgaacu..... 1
Gi3_27131781_x12.....gggUaacacggggugccgaac..... 1
G1a_5596159_x12.....ggaacacggggugccgaGcu..... 1
Gi3_27119025_x12.....cgucgugggaacacggggCgccga..... 1
Gi3_27104253_x12.....gugggaacacgAgggugccg..... 1
Gi2_10353982_x12.....gucgugAgaacacggggugccgaacu..... 1
G1a_5596123_x12.....uggaacGcggggugccgaacu..... 1
Gi1_3900458_x12.....ucgugggaacacggggugccAaac..... 1
Gi2_10360234_x12.....uggaacacggggugccAaac..... 1
G1a_5594791_x12.....cgugggaacacggggugccUacu..... 1
Gi3_27086025_x12.....cgucUugggaacacggggugccg..... 1
Gi5_8401134_x12.....acgucgugggaacacggggugccgCacu..... 1
Gi3_27090801_x12.....aucggagacgucgugggaacacggAgu..... 1
Gi2_10353310_x12.....gucgugggaacacggggCgcc..... 1
Gi3_27084489_x12.....gucgugggaacacggggAgccgaacu..... 1
G1a_5591923_x12.....ggaacGcggggugccgaacu..... 1
Gi3_27099693_x12.....aucggagacgucguAggaacacgggg..... 1
Gi2_10360018_x12.....gugCgaacacggggugccgaacu..... 1
G1a_5591767_x12.....aucggagacgucgugggaacGcggggugc..... 1
Gi3_27108957_x12.....cAugggaacacggggugccgaa..... 1
Gi5_8397978_x12.....Agucgugggaacacggggugccgaacu..... 1
Gi2_10359622_x12.....gacgucgugggaacacggggCgcc..... 1
Gi1_3903314_x12.....ucgugggaNcacggggugccgaac..... 1
Gi2_10366342_x12.....Gugggaacacacggggugccg..... 1
Gi2_10351978_x12.....gugggaacacAgggugccga..... 1
Gi5_8403450_x12.....gggaacacggggugccgaCc..... 1
Gi3_27128193_x12.....aucggagacgucgCgggaacacggggugcc..... 1
Gi3_27088461_x12.....gucgugggNcacacggggugcc..... 1
Gi3_27130677_x12.....acgucgugggaacaUggggugccgaacu..... 1
Gi2_10357450_x12.....cgucguggNaacacggggugccga..... 1
Gi2_10356790_x12.....gugggaacacggggAgcc..... 1
G1a_5600383_x12.....gacgucgugggaacacggg..... 0
Gi3_27104001_x12.....acgucgugggaacacggggGgccgaac..... 1
Gi2_10368346_x12.....gCgaacacggggugccgaac..... 1
Gi2_10352962_x12.....gugggaacacggggAaccgaa..... 1
Gi5_8402286_x12.....ucgugggaaUacggggugccgaacu..... 1
Gi3_27111093_x12.....cgucgCgggaacacggggugcc..... 1

Gi2_10363066_x12.....Gcgucgugggaacacggggugc..... 1
 Gi5_8406426_x12.....ugUgaacacggggugccgaac..... 1
 Gi2_10366858_x12.....gggaacacggggugccAaac..... 1
 Gi5_8405958_x12.....ggaacacggggUAccgaacu..... 1
 Gi2_10363522_x12.....cgucgugggaacacggggGgccg..... 1
 Gi3_27114477_x12.....aucggagacgucgugggaacaUggg..... 1
 Gl1_5593111_x12.....agacgucgugggaacacggggugccgaac..... 0
 Gi2_10349266_x12.....aGcggagacgucguggga..... 1
 Gi2_10353946_x12.....gugggaacCcgggugccga..... 1
 Gi2_10351690_x12.....gGucggagacgucguggga..... 1
 Gi3_27132249_x12.....ucgugggaaAacggggugccgaacu..... 1
 Gi2_10356346_x12.....gugggaacacggggugcAgaac..... 1
 Gi3_27128397_x12.....cgucgugggaacacggggugccgaaAu..... 1
 Gi1_3894866_x12.....gGcgugggaacacggggugcc..... 1
 Gi2_10350538_x12.....aacaGggggugccgaacu..... 1
 Gi3_27090753_x12.....gaacacggggugcGgaacu..... 1
 Gi5_8408106_x12.....cgugggaacacgggCugccgaacu..... 1
 Gi5_8399046_x12.....gugggGacacggggugccgaac..... 1
 Gi3_27125901_x12.....cgugggaacacggggugccA..... 1
 Gi1_3896738_x12.....gaacacggggAgccgaacu..... 1
 Gi2_10357774_x12.....aucggagacgucgugggaacacggggAgcc..... 1
 Gi2_10364806_x12.....aucggagacgucgugggaGca..... 1
 Gi3_27111897_x12.....ggaacacggggugAcgaacu..... 1
 Gi5_8402454_x12.....gugggaUcacggggugccgaacu..... 1
 Gi3_27130953_x12.....aAcggagacgucgugggaacacg..... 1
 Gi3_27125493_x12.....gaucggagNcgucgugggaacacggggU..... 1
 Gi3_27115485_x12.....cgugUgaacacggggugccgaa..... 1
 Gi5_8406534_x12.....ugggaacacggggugccgaUcu..... 1
 Gi1_3901958_x12.....gaacacgggAugccgaacu..... 1
 Gi3_27122781_x12.....gacgucgugggaacacggggugccgCacu..... 1
 Gl1_5589691_x12.....gUgaacacggggugccgaa..... 1
 Gi2_10365538_x12.....ggagacgucgugggaacGcggggugcc..... 1
 Gi3_27111909_x12.....gucgugggCacacggggugccgaacu..... 1
 Gi1_3897818_x12.....acgucgCgggaacacggggugccgaac..... 1
 Gi5_8396226_x12.....ugggaacacAgggugccgaac..... 1
 Gi2_10368946_x12.....gggaacacgggAugccgaacu..... 1
 Gi3_27101145_x12.....cgugggaacacgUggugccga..... 1
 Gi3_27111585_x12.....cgugggaacacgUggugcc..... 1
 Gi3_27113721_x12.....aucggagacgCcgugggaacacg..... 1
 Gi2_10356010_x12.....gagacgucgugggaacacggggugccga..... 0
 Gl1_5592811_x12.....ugUgaacacggggugccgaacu..... 1
 Gi2_10346302_x12.....cgucgugggaacacggggugccgG..... 1
 Gi3_27105885_x12.....gucgugggUacacggggugccgaacu..... 1
 Gi1_3908995_x11.....Ggggaacacggggugccgaacuu..... 1
 Gl1_5606609_x11.....cgugggaacacggggugccgaGcu..... 1
 Gi5_8427185_x11.....cgAgggaacacggggugccgaac..... 1
 Gi2_10382166_x11.....ucgugggaacacgAgggugccgaacu..... 1

Gi2_10374092_x11.....cgCcgugggaacacggggugc..... 1
 Gi3_27140367_x11.....cCucgugggaacacggggugcc..... 1
 Gi2_10385422_x11.....Gggagacgucgugggaacacggggugc..... 1
 Gi2_10373311_x11.....gaucggagacgucgugggGacacggggu..... 1
 Gi3_27184092_x11.....gucgugggaacacUgggugccgaacu..... 1
 Gi3_27173587_x11.....cAucgugggaacacggggugcc..... 1
 Gi1_3904727_x11.....ugggaacaUggggugccgaacu..... 1
 Gi5_8430309_x11.....ggaacacggggugccgaaUu..... 1
 Gi2_10386478_x11.....uUgugggaacacggggugccgaac..... 1
 Gi2_10386126_x11.....gacgucgugggaacacggggGgccgaacu..... 1
 Gi3_27178218_x11.....gugggUacacggggugccgaa..... 1
 Gi2_10391197_x11.....gggaacacggggugccgUacu..... 1
 Gi3_27135175_x11.....ugAgaacacggggugccgaa..... 1
 Gi2_10376226_x11.....cgucguAggaacacggggugccgaacu..... 1
 Gi4_517717_x11.....gggaacacggggugccgaac..... 0
 Gi5_8426800_x11.....cgucgugggaacacggggugccAaacu..... 1
 Gi3_27181837_x11.....aucggagaNgucgugggaacacggggugc..... 1
 Gi5_8420970_x11.....gaacUcggggugccgaacu..... 1
 Gi2_10370924_x11.....gaucggagacgucgugggGacacggg..... 1
 Gi1_3906168_x11.....ucgugggGacacggggugccgaac..... 1
 Gi3_27176601_x11.....ucgugggaacacggggugcUgaac..... 1
 Gi2_10385389_x11.....gugggaCcacggggugcc..... 1
 Gi3_27186567_x11.....aucggagaUgucgugggaacacg..... 1
 Gi2_10383101_x11.....aucggagGcgucgugggaacac..... 1
 Gi5_8411301_x11.....cgucgugggaacacggAgugccgaacu..... 1
 Gl1a_5607544_x11.....cgugUgaacacggggugccgaacu..... 1
 Gi2_10382529_x11.....gucgugggaacacggggGgccgaac..... 1
 Gi2_10385862_x11.....gggaCcacggggugccgaacu..... 1
 Gi3_27185126_x11.....aucggagCcgucgugggaacacggg..... 1
 Gi1_3911899_x11.....Ggacgucgugggaacacggggugccgaacu..... 1
 Gi2_10375984_x11.....gugggCcacggggugccgaac..... 1
 Gi3_27133162_x11.....cgucgugggaacGcggggugc..... 1
 Gi5_8424853_x11.....Uagacgucgugggaacacg..... 1
 Gi2_10393111_x11.....aucggagacgucGgggaacacggggu..... 1
 Gi2_10397544_x11.....acgucgugNgaacacggggugc..... 1
 Gi2_10390790_x11.....Ucgaucggagacgucgugggaacac..... 1
 Gi5_8413512_x11.....gugggaacacggggugccCaacu..... 1
 Gi2_10394970_x11.....cUucgugggaacacggggugccgaa..... 1
 Gi3_27178328_x11.....gucgugggaacacgggguAccgaacu..... 1
 Gi2_10369549_x11.....ggagacgucgugggaacacggUgugcc..... 1
 Gi5_8419518_x11.....ugggaacacggggugccgaacG..... 1
 Gi5_8415261_x11.....gggaacacggAgugccgaacu..... 1
 Gi3_27177250_x11.....Gcuggggaacacggggugccgaa..... 1
 Gi3_27152423_x11.....Ugagacgucgugggaacacggggugccgaa..... 1
 Gi3_27165513_x11.....cgugggaacacgUggugc..... 1
 Gi5_8422378_x11.....gugggaacacggggugccgGac..... 1
 Gl1a_5616751_x11.....cgugggaacacggggugccgaCcu..... 1

Gi3_27148595_x11.....acUucgugggaaacacggggugccgaacu..... 1
Gi3_27134856_x11.....aucggagGcgucgugggaaacacggggugcc..... 1
Gi2_10377832_x11.....aacacggggugcAgaacu..... 1
Gi5_8420959_x11.....acUucgugggaaacacggggugccgaacu..... 1
Gi3_27138002_x11.....gggaaAacggggugccgaac..... 1
Gi2_10374059_x11.....Ugacgucgugggaaacacggggugcc..... 1
G1a_5606928_x11.....gggaGcacggggugccgaacu..... 1
Gi2_10392440_x11.....aucggagacgucgugggCacacggggugc..... 1
G11_3914990_x11.....cgucgugggaaacacggggugccga..... 0
Gi3_27150410_x11.....cguggggGcacggggugcc..... 1
Gi3_27159452_x11.....Ugagacgucgugggaaacacggg..... 1
Gi3_27164622_x11.....ucgugggaaacacggggugccgaaUu..... 1
Gi3_27137452_x11.....aucggagacgucgugggaaUacggg..... 1
Gi3_27175908_x11.....cgugggaaacacggggGcaccgaa..... 1
Gi2_10369681_x11.....gCcgugggaaacacggggugccgaac..... 1
Gi3_27177888_x11.....gUagacgucgugggaaacacggggugccgaacu..... 1
Gi3_27144459_x11.....gugggaUcacggggugccgaac..... 1
Gi5_8430606_x11.....acgCcgugggaaacacggggugccgaacu..... 1
Gi3_27155459_x11.....aucggagacgucgugggaaacGcggggugcc..... 1
Gi5_8421674_x11.....gucAugggaaacacggggugccgaacu..... 1
G1a_5616938_x11.....ggUaacacggggugccgaacu..... 1
Gi5_8415525_x11.....ugggaaacacggGcgugccgaacu..... 1
Gi3_27184136_x11.....uGggagacgucgugggaaacacg..... 1
Gi2_10390262_x11.....gagacgucgugggaaacacggggGcg..... 1
Gi5_8409860_x11.....cgugggaaacacggggugccgaGc..... 1
Gi2_10392209_x11.....cgNgggaaacacggggugccgaacu..... 1
Gi2_10375918_x11.....ugggaaacacggggugccgGac..... 1
Gi4_516705_x11.....gCgggaaacacggggugccgaacu..... 1
Gi2_10372992_x11.....cAugggaaacacggggugccgaac..... 1
Gi2_10376325_x11.....cgaucggagacgucgAgggaaacac..... 1
G11_3914055_x11.....agacgucgCgggaaacacggggugccgaac..... 1
Gi3_27175314_x11.....gugggaaAacggggugccga..... 1
Gi2_10392473_x11.....cgugggaaacacgggguCccgaacu..... 1
Gi2_10390086_x11.....Aucgugggaaacacggggugccgaac..... 1
Gi2_10393419_x11.....Cacacggggugccgaacu..... 1
Gi2_10369252_x11.....ggagacgucgugggaaacacAgggugc..... 1
Gi2_10377810_x11.....ucgugggaaacacgggguAccgaacu..... 1
Gi3_27147561_x11.....gucGgggaaacacggggugccgaacu..... 1
Gi2_10385114_x11.....aAcggagacgucgugggaaacacggggugcc..... 1
Gi3_27176304_x11.....gacgucgugggaaacacggggG..... 1
Gi3_27151433_x11.....gggaaacacggggugccUaacu..... 1
Gi2_10376380_x11.....cgCcgugggaaacacggggugccga..... 1
Gi3_27182244_x11.....acgucgugggaaacacggggGccc..... 1
Gi3_27178493_x11.....cgugggaaacacggggGcgg..... 1
Gi3_27162334_x11.....cgucgugAgaacacggggugccgaacu..... 1
Gi5_8414689_x11.....ggaacacggggugccgaUcu..... 1
Gi2_10380010_x11.....cgucgugggaaacGcggggugccg..... 1

Gi2_10370407_x11....aucgUagacgucgugggaaacacg..... 1
Gi5_8411290_x11.....gugggaacacggggugccgCac..... 1
Gi1_3911360_x11.....gucgugggNacacggggugccgaacu..... 1
Gi3_27134394_x11.....cguCggaacacggggugccgaacu..... 1
G1a_5602748_x11....cgaucggagacgucgugggaaacacggggugc..... 0
Gi2_10387039_x11.....gUagacgucgugggaaacacggggug..... 1
Gi5_8413083_x11.....gugggaacacgAggugccgaac..... 1
Gi3_27181969_x11....cUaucggagacgucgugggaaacacgg..... 1
Gi2_10393243_x11.....gggaacacggggugccgGac..... 1
Gi2_10380538_x11.....agUcgucgugggaaacacggggugccgaacu..... 1
Gi5_8421916_x11.uUcgaucggagacgucgugggaa..... 1
Gi3_27136165_x11.....acgucgugggaaacacgAggugccgaacu..... 1
Gi2_10380835_x11....aCcgagacgucgugggaaacacggggug..... 1
Gi3_27152181_x11.....aucggGgacgucgugggaaacac..... 1
Gi4_517574_x11.....Ggggaacacggggugccgaacu..... 1
Gi2_10385708_x11....aucggagacgucgugggaaacacggggA..... 1
Gi2_10382364_x11.....cgugggaaacacggggAgccgaac..... 1
Gi2_10374290_x11.....ucgugggaaacCcgggugccgaacu..... 1
Gi5_8426107_x11.....aacacUggggugccgaacu..... 1
Gi3_27153215_x11.....acgucgugggaaacacggggugccgaacu..... 1
Gi3_27158462_x11.....gucgAgggaacacggggugccgaacu..... 1
Gi2_10388601_x11.....cgugggaaacacggUgugccgaacu..... 1
Gi3_27152852_x11.....Ggucgugggaaacacgggg..... 1
Gi3_27142369_x11....Uaucggagacgucgugggaaacacggggug..... 1
Gi2_10385224_x11.....ugggaacacggggugccgaaAu..... 1
G1a_5614023_x11....Gucggagacgucgugggaaacacggg..... 1
Gi2_10376908_x11....aucggagacgucgugggaaacGc..... 1
Gi1_3912856_x11.....ugggaacacgAggugccgaacu..... 1
Gi3_27179296_x11.....ucgugggaaacacggggugccgaacu..... 1
Gi1_3904551_x11.....gCcgugggaaacacggggugccgaacu..... 1
G1a_5615453_x11.....gugggaaUacggggugccgaacu..... 1
Gi2_10378360_x11....aucggagacgucgugggGacacggg..... 1
Gi3_27169022_x11.....ugggaacacggCgugccgaacu..... 1
Gi2_10390108_x11....gGucggagacgucgugggaaacacg..... 1
Gi5_8417758_x11.....gGcugcugggaaacacggggugccgaacu..... 1
Gi2_10381220_x11.....gugggaaUacggggugcc..... 1
Gi5_8420948_x11....Uaucggagacgucgugggaaacacggg..... 1
Gi3_27164303_x11.....ugggaacacgUggugccgaacu..... 1
Gi3_27165590_x11.....Ucgucgugggaaacacggggugccgaacu..... 1
G1a_5601219_x11.....ugggaacacggggugccgaGcu..... 1
Gi3_27142083_x11....aucggagCcgucgugggaaacacg..... 1
Gi1_3913857_x11.....ucgugggaaacacggggugcUgaacu..... 1
Gi5_8430694_x11.....ggaacCcgggugccgaacu..... 1
Gi2_10379306_x11.....gugggaacacggggugcU..... 1
Gi3_27185687_x11....cggagacgucgugggaaacGcggggugcc..... 1
Gi2_10384542_x11....cggagacgucgugggaaacacggggCgcc..... 1
Gi2_10387501_x11.....gggaacacggggugccgaaUu..... 1

Gi3_27166184_x11.....aucggagaUgucgugggaacacgggg..... 1
Gi3_27176161_x11.....aucggagacgucgugggUacacggg..... 1
Gi3_27176458_x11.....aucggagacAucgugggaacacggggg..... 1
G1a_5604398_x11.....gugggaacacggggAgccgaacu..... 1
Gi2_10390438_x11.....gucgGgggaacacggggugccgaacu..... 1
Gi5_8421168_x11.....gaaNacggggugccgaacu..... 1
Gi3_27168593_x11.....gUagacgucgugggaacacggggugccgaac..... 1
Gi1_3905959_x11.....ucgugggCacacggggugccgaacu..... 1
Gi3_27180110_x11.....Agaacacggggugccgaa..... 1
Gi2_10371144_x11.....cUaucggagacgucguggga..... 1
G1a_5607126_x11.....Ugagacgucgugggaacacggggugcc..... 1
Gi2_10386720_x11.....acgCcgugggaacacggggugcc..... 1
Gi2_10395905_x11.....cgugggaacacgUggugcc..... 1
Gi3_27156900_x11.....aucggagacgucgugggaacCcg..... 1
Gi5_8410707_x11.....gugggaacacggUgugccgaac..... 1
Gi5_8429143_x11.....gggaacacggggCgccgaac..... 1
Gi2_10397731_x11.....gugggaacacgCggugccgaacu..... 1
Gi1_3909028_x11.....aAcggagacgucgugggaacacggg..... 1
Gi3_27141566_x11.....guggAaacacggggugccgaa..... 1
Gi2_10387094_x11.....cUucgugggaacacgggg..... 1
G1a_5611350_x11.....Gacacggggugccgaacu..... 1
G1a_5607071_x11.....Uaucggagacgucgugggaa..... 1
Gi2_10386632_x11.....agUcgcgucgugggaacacggggugcc..... 1
Gi5_8412269_x11.....gugggaacacggCgugccgaacu..... 1
Gi2_10391967_x11.....cgugggaacacUgggugccgaacu..... 1
Gi2_10382980_x11.....acgCcgugggaacacggggugccgaacu..... 1
Gi3_27182255_x11.....gugggaacacggggAgccgaa..... 1
Gi3_27164149_x11.....Aggaacacggggugccga..... 1
Gi2_10392880_x11.....aucggagGcgcgucgugggaaca..... 1
Gi2_10376017_x11.....ucgAgggaacacggggugccgaacu..... 1
Gi5_8412181_x11.....ggaacacggggAgccgaacu..... 1
Gi5_8410091_x11.....Uacgucgugggaacacggggugccg..... 1
Gi2_10379108_x11.....aGcggagacgucgugggaac..... 1
Gi3_27145592_x11.....ggaacacggggugccgaG..... 1
Gi3_27168285_x11.....gggaacCcgggugccgaac..... 1
G1a_5608699_x11.....gaucggagacgucgugggaacacggggug..... 0
Gi1_3905112_x11.....aacacggAgugccgaacu..... 1
Gi2_10377425_x11.....cgugggaaNacggggugccgaa..... 1
Gi5_8430991_x11.....ucgugggaacacggAgugccgaacu..... 1
Gi5_8418187_x11.....gaacaAggggugccgaacu..... 1
Gi2_10385312_x11.....Ugagacgucgugggaacacggggugccg..... 1
Gi2_10374851_x11.....gugggaacCcgggugccg..... 1
Gi3_27148815_x11.....aGgucgugggaacacggggugcc..... 1
Gi2_10381770_x11.....gugggaacacggggGgccga..... 1
Gi3_27157043_x11.....Ugugggaacacggggugccgaa..... 1
Gi3_27174302_x11.....ggUgacgucgugggaacacg..... 1
Gi3_27176392_x11.....cgugCgaacacggggugccgaac..... 1

Gi2_10384806_x11.....ggaacacgggguAccgaac..... 1
 Gi3_27169638_x11.....aUacgucgugggaaacacggg..... 1
 Gi1_3908148_x11.....Uacgucgugggaaacacggggugcc..... 1
 Gi3_27138882_x11.....cgucgugggaaacCcggggugccga..... 1
 Gi2_10395190_x11.....gAcgugggaaacacggggugccgaacu..... 1
 Gi3_27144448_x11.....guNggaacacggggugccgaac..... 1
 Gi3_27176194_x11.....ggaacacgUggugccgaacu..... 1
 Gi2_10372035_x11.....cggagGcgucgugggaaacacggggugcc..... 1
 Gi3_27136176_x11.....Gucggagacgucguggg..... 1
 Gi2_10405582_x10.....gucgugggaaacGcggggugccgaac..... 1
 Gi3_27233172_x10.....gacgucgugggaaacacggggugccgCac..... 1
 Gi3_27197342_x10.....aucggagacgucgugggaaacacAgggg..... 1
 Gi5_8433016_x10.....guggaaacacgggCugccgaacu..... 1
 Gi3_27223552_x10.....cUgggaaacacggggugc..... 1
 Gi2_10401962_x10.....cgAagacgucgugggaaacacggggugc..... 1
 Gi3_27207892_x10.....gUagacgucgugggaaacacgg..... 1
 Gi3_27187772_x10.....aucggagaNgucguggg..... 1
 Gi3_27203862_x10.....aucggagacgucgugggAaacacggggg..... 1
 Gi3_27209482_x10.....ggagacguNgugggaaacacggggugcc..... 1
 Gi5_8451836_x10.....gaacacggggugAcgaacu..... 1
 Gi3_27237382_x10.....guggaaacacggggugAcg..... 1
 Gi3_27229972_x10.....gacgucgugggGaacacggggugccgaacu..... 1
 Gi3_27222202_x10.....guggaaacacggggugccC..... 1
 Gi3_27200492_x10.....uggUaacacggggugccgaacu..... 1
 Gi5_8449426_x10.....uggaaacacggUgugccgaacu..... 1
 Gi3_27233262_x10.....aucggagacgucgugggAaacacggggugcc..... 1
 Gi2_10405372_x10.....aucggagacgucgugggaaacacggggAgc..... 1
 Gi5_8435916_x10.....Gucggagacgucgugggaaacacg..... 1
 Gi3_27199122_x10.....cgucguggNaacacggggugccga..... 1
 Gi3_27211332_x10.....ugggaaacUcggggugccgaac..... 1
 Gi2_10419492_x10.....ggGgacgucgugggaaacacggggugccgaacu..... 1
 Gi3_27206182_x10.....aucUgagacgucgugggaaacacg..... 1
 Gi3_27187952_x10.....ugggaaacGggggugccgaacu..... 1
 Gi2_10421422_x10.....ggaacacgggAugccgaacu..... 1
 Gl1a_5630147_x10.....aGcacggggugccgaacu..... 1
 Gl1a_5628187_x10.....ugggGaacacggggugccgaacu..... 1
 Gl1_3919164_x10.....cgucgugggaaacCcggggugccgaacu..... 1
 Gl1a_5630467_x10.....gUagacgucgugggaaacacggggugcc..... 1
 Gl1_3928114_x10.....cguggaaacacggggugUcgaacu..... 1
 Gi2_10413712_x10.ugcgauccggagacgucgugggaaacacggggg..... 0
 Gl1_3921984_x10.....ggaacacggggugccAaacu..... 1
 Gi3_27233682_x10.....ugggaaacacggggugccgGa..... 1
 Gi3_27203522_x10.....cgucgugggGaacacggggugc..... 1
 Gi2_10399102_x10.....cgCcguggaaacacggggugccg..... 1
 Gi4_519379_x10...gaucggagacgucgugggaaacacggg..... 0
 Gi3_27200352_x10...gaucggagacgucgugggaaacCcgggg..... 1
 Gi2_10424272_x10.....cgCgggaaacacggggugccgaa..... 1

Gi1_3921234_x10.....cguggaacacgggguAccgaacu..... 1
Gi2_10400442_x10.....Cucguggaacacggggugcc..... 1
Gi1_3927864_x10.....aacacggggugcUgaacu..... 1
Gi2_10428592_x10.....gugggaacacggggugccgaC..... 1
Gi3_27230512_x10.....gggaGcacggggugccgaa..... 1
Gi2_10402402_x10.....gucguggaacacggggAgccgaacu..... 1
Gi5_8446136_x10.....uggNaacacggggugccgaacu..... 1
Gi3_27189142_x10.....uGguggaacacggggugccg..... 1
Gi2_10403822_x10.....ggaacacggggugccgaaAu..... 1
Gi5_8450406_x10.....guggaacacggggugccAaac..... 1
Gi5_8449806_x10.....ggUaacacggggugccgaac..... 1
Gi2_10414102_x10.....ggaacacggAgugccgaac..... 1
Gi3_27217892_x10.....cgAgggaacacggggugccgaa..... 1
Gi2_10398432_x10.....ucguggaacacggAgugccgaacu..... 1
Gi2_10404752_x10.....gucguggaacacggggugccAaacu..... 1
Gi3_27206612_x10.....ggaacacgUggugccgaac..... 1
Gi3_27225142_x10.....aucggagacgucgugggGacac..... 1
Gi5_8449506_x10.....ugggaacaAggggugccgaacu..... 1
Gi2_10406832_x10.....gugggaacaUggggugccg..... 1
Gi2_10427992_x10.....cgucUuggaacacggggugccg..... 1
Gi3_27229062_x10.....cguggaacacggggugccAa..... 1
Gi1a_5633237_x10.....cUgagacgucguggaacacggggu..... 1
Gi1_3920144_x10.....gaacacggggugccgaUcu..... 1
Gi3_27205182_x10.....cgCgggaacacggggugccg..... 1
Gi2_10426772_x10.....cggagacgucgugggGacacggggugcc..... 1
Gi5_8437056_x10.....cgugggaGcacggggugccgaac..... 1
Gi3_27238342_x10.....gaCcgagacgucguggaacacggggu..... 1
Gi1_3924304_x10.....acgucguggaacacggggGgccgaacu..... 1
Gi5_8436716_x10.....Cgggaacacggggugccgaac..... 1
Gi3_27225582_x10.....aucggagacgucguggaacacAg..... 1
Gi3_27215952_x10.....cgucguggaacacggggGgccga..... 1
Gi2_10406942_x10.....cggagacgucgugggaCcacggggugcc..... 1
Gi3_27227032_x10.....aucAgagacgucguggaacacgg..... 1
Gi3_27206892_x10.....cgucgugggaaUacggggugccgaacu..... 1
Gi1_3923914_x10.....cguggAaacacggggugccgaacu..... 1
Gi5_8438476_x10.....cgucguAggaacacggggugccgaacu..... 1
Gi3_27214252_x10.....gugggaacUcggggugcc..... 1
Gi3_27220492_x10.....Ugagacgucguggaacacggggugccga..... 1
Gi3_27216052_x10.....gaNcacggggugccgaacu..... 1
Gi2_10408942_x10.....Aacgucguggaacacggggugcc..... 1
Gi5_8432666_x10.....cgugggaacaAggggugccgaacu..... 1
Gi5_8432136_x10.....Cgaacacggggugccgaac..... 1
Gi5_8436056_x10.....uggaacacggggugcUgaac..... 1
Gi2_10423372_x10.....gugggaacUcggggugccgaac..... 1
Gi3_27216792_x10.....gggaacacggggCgccgaa..... 1
Gi3_27220322_x10.....gaucggagacgucgugggaGcacg..... 1
Gi3_27237422_x10.....aucAgagacgucguggaacacgggg..... 1

Gi2_10427352_x10.....ggaacacggggugccgaaA..... 1
Gi2_10417822_x10.....aucggagacgucgugggaacacgAggugc..... 1
Gi1_3927204_x10.....cguggaacaacggggAgccgaacu..... 1
Gi3_27199842_x10.....gucgugggaacacggggGgc..... 1
Gi3_27217912_x10.....cgucgugggaacacggggugcAgaacu..... 1
Gi2_10399012_x10.....cguUgugggaacacggggugccgaacu..... 1
Gi2_10399542_x10.....ucgugggaacacUgggugccgaacu..... 1
Gi3_27240942_x10.....gggaacacggggugAcgaac..... 1
Gi2_10407872_x10.....cUgagacgucgugggaacacggggug..... 1
Gi1_3917364_x10.....ucgugggaacacgAgugccgaacu..... 1
G1a_5620767_x10.....ggaacacAgggugccgaacu..... 1
Gi2_10425742_x10.....aUacgucgugggaacacggggugccg..... 1
Gi5_8436366_x10.....guggAaacacggggugccgaac..... 1
Gi2_10420582_x10.....gUucggagacgucgugggaacacggggg..... 1
Gi3_27204982_x10.....cguggaUacacggggugccgaac..... 1
Gi1_3919724_x10.....cgugAgaacacggggugccgaacu..... 1
Gi3_27212712_x10.....gaucggagGcgucgugggaacacgggg..... 1
Gi2_10417402_x10.....gucgugggNacacggggugcc..... 1
Gi3_27231222_x10.....uggCaacacggggugccgaacu..... 1
Gi2_10412572_x10.....ugggaacacggggugccgaacG..... 1
Gi2_10416622_x10.....ggagacgucgugggaacacggggugccgaac..... 0
Gi2_10408962_x10.....ucgugggaacGcggggugccgaac..... 1
Gi3_27223012_x10.....cUaucggagacgucgugg..... 1
Gi3_27200462_x10.....ucgugggUacacggggugccgaacu..... 1
Gi3_27208562_x10.....gGcgugggaacacggggugccgaa..... 1
Gi5_8437666_x10.....gAgaacacggggugccgaac..... 1
Gi2_10421282_x10.....gCgggaacacggggugccgaa..... 1
Gi5_8444506_x10.....ugggaGcacggggugccgaac..... 1
Gi2_10403922_x10.....aucggagacgucgugggaacG..... 1
Gi5_8448056_x10.....gucgugggaacacAgggugccgaacu..... 1
Gi3_27209062_x10.....cggagacgucgugggaacacggggC..... 1
Gi2_10410932_x10.....gugggaacacgAggugcc..... 1
Gi5_8444216_x10.....ggaacacggAgugccgaacu..... 1
Gi2_10403112_x10.....gacgucgugggaGcacggggugccgaacu..... 1
Gi2_10423152_x10.....auUggagacgucgugggaacacggggugcc..... 1
Gi2_10418412_x10.....ggaaGacggggugccgaac..... 1
Gi3_27207082_x10.....gugggaacacggggAgccga..... 1
Gi3_27190862_x10.....gugggaacacggggugccgU..... 1
Gi2_10400452_x10.....cgCgggaacacggggugccg..... 1
Gi3_27217742_x10.....aucggagacgucgugggaaAacg..... 1
Gi3_27221502_x10.....Gggagacgucgugggaacacggggg..... 1
Gi1_3921164_x10.....cgugggaacacggggugccgUacu..... 1
Gi2_10422112_x10.....gGacacggggugccgaac..... 1
Gi3_27207532_x10.....cgGcgugggaacacggggugccg..... 1
Gi1_3924384_x10.....gaacacggggugcAgaacu..... 1
Gi2_10420422_x10.....gucgugggaacacggggugccgaCc..... 1
Gi5_8433976_x10.....cgucgugggaacacggggugccgaaAu..... 1

Gi1_3923864_x10.....ggaacacggggugcUgaacu..... 1
Gi2_10407392_x10.....ggagacgucgugggaGcacggggugcc..... 1
Gi2_10397872_x10.....aacacggggugUcgaacu..... 1
Gi2_10410662_x10.....cggagacgucguggaacGcggggugcc..... 1
Gi3_27226482_x10.....ggaacacggggGgccgaa..... 1
Gi3_27208182_x10.....gggaacacgUggugccgaacu..... 1
Gi5_8450856_x10.....gCaacacggggugccgaac..... 1
Gi2_10408722_x10.....aucggagacgucguggaacGcg..... 1
Gi2_10423612_x10.....cguggaacacggggugccgaC..... 1
Gi2_10405782_x10.....aucggagacgucgugggaGcacg..... 1
Gi3_27200042_x10.....aucggagacgucguggAaacacggg..... 1
Gi3_27242532_x10.....gucguggaacacggggugcUgaac..... 1
Gi3_27214082_x10.....aucggagacgCcguggaacacggggugcc..... 1
Gi2_10421472_x10.....uggaacacggggugccgC..... 1
Gi3_27214452_x10.....cguggaacacggggugccgaC..... 1
Gi1_3916694_x10.....Uaucggagacgucguggaacacgg..... 1
G1a_5628517_x10.....gGcguggaacacggggugccgaacu..... 1
Gi5_8441186_x10.....Uucguggaacacggggugccgaa..... 1
Gi3_27190562_x10.....guggaacacggggugGcga..... 1
Gi3_27235862_x10.....ggaacacggUgugccgaac..... 1
Gi2_10408712_x10.....cCucguggaacacggggugccg..... 1
Gi2_10407992_x10.....aucggagacgCcguggaacac..... 1
Gi5_8432796_x10.....gaucggagacgucguggaacacggggugcc..... 0
Gi5_8437276_x10.....gggaGcacggggugccgaac..... 1
G1a_5633367_x10.....cguggaacacAgggugccgaacu..... 1
Gi3_27201972_x10.....cggagacgucguggaacacggggGgcc..... 1
Gi2_10413112_x10.....cguAggaacacggggugccgaac..... 1
Gi3_27234332_x10.....cgucgugggaGcacggggugccg..... 1
Gi5_8446366_x10.....uAggaacacggggugccgaac..... 1
Gi1_3926034_x10.....gaacacggggugccgUacu..... 1
Gi2_10408812_x10.....Uggagacgucguggaacacggggugcc..... 1
Gi2_10425852_x10.....cguggaaNacggggugccg..... 1
G1a_5622757_x10.....gaucggagacgucguggaacacgggg..... 0
Gi3_27211362_x10.....ugAgaacacggggugccga..... 1
Gi2_10426542_x10.....ucguggaacacggggugccgaUc..... 1
Gi5_8432876_x10.....ggaacacggggugccgaCcu..... 1
Gi4_519349_x10.....Gguggaacacggggugccgaacu..... 1
Gi3_27192662_x10.....aucggagacguUguggaacacgggg..... 1
Gi3_27216132_x10.....cgucguggaacacggggAgcc..... 1
Gi3_27225702_x10.....uggaacacggAgugccgaa..... 1
Gi5_8443976_x10.....Gucggagacgucguggaacacgg..... 1
Gi2_10404192_x10.....aucggagacgucguAggaacac..... 1
Gi3_27229732_x10.....Ugagacgucguggaacacgg..... 1
Gi2_10420632_x10.....gucguggaacacggAgugccgaacu..... 1
Gi3_27238252_x10.....cgCcguggaacacggggugccg..... 1
Gi3_27192932_x10.....cAugggaacacggggugc..... 1
Gi2_10427762_x10.....cgGggaacacggggugccg..... 1

Gi3_27205172_x10.....aucggaAacgucgugggaaacacggggu..... 1
Gi2_10402092_x10.....ucguggaacacAgggugccgaac..... 1
Gi2_10399922_x10.....aucggagacgucgugggGacacggggugcc..... 1
Gi2_10407982_x10.....cgucguggaacacggggCgcc..... 1
Gi3_27198422_x10.....cUgagacgucgugggaaacacggggugc..... 1
Gi2_10423722_x10.....Uagacgucgugggaaacacggggugccgaacu..... 1
Gi3_27202302_x10.....cUgagacgucgugggaaacacgg..... 1
Gi5_8443746_x10.....cguggaaNacggggugccga..... 1
Gi2_10418932_x10.....auUggagacgucgugggaaacacggg..... 1
Gi3_27236482_x10.....cgucguggNaacacggggugc..... 1
Gi3_27220392_x10.....uGggagacgucgugggaaacacggggugcc..... 1
Gi2_10416472_x10.....gggUacacggggugccgaacu..... 1
Gi3_27224622_x10.....cgucguggaaacacggggugccgaUc..... 1
Gi5_8435556_x10.Ggcgaucggagacgucguggga..... 1
Gi3_27195202_x10.....Acguggaacacggggugccgaac..... 1
Gi3_27198852_x10.....guggaacacggggugccgaC..... 1
Gi3_27235102_x10.....aucggagacgucgugAgaacacggggu..... 1
Gi2_10398782_x10.....Ggucguggaacacggggugc..... 1
Gi2_10421362_x10.....aCcgagacgucgugggaaacacggggugc..... 1
Gi3_27193052_x10.....gUagacgucgugggaaacacggg..... 1
Gi3_27192382_x10.....ucguggaacacAgggugccgaac..... 1
Gi3_27224642_x10.....cguggaacaccgUgugccgaac..... 1
Gi3_27201952_x10.....guggaacaUggggugccg..... 1
Gi2_10414272_x10.....gggaacaAgggugccgaacu..... 1
Gi1_3918424_x10.....ucgGgggaacacggggugccgaacu..... 1
Gi2_10404452_x10.....cgGgggaacacggggugccgaa..... 1
Gi3_27216402_x10...gUucggagacgucgugggaaacacggggu..... 1
Gi3_27241342_x10.....gacgucgugggaaacacggggugccgaGcu..... 1
Gi1_3919754_x10.....ggaacaUggggugccgaacu..... 1
Gi5_8435956_x10.....ggaacaUggggugccgaacu..... 1
Gi4_520529_x10.....ggaacacggggugccgaac..... 0
Gi2_10422302_x10.....cguggGacacggggugccgaa..... 1
Gi1_3927084_x10.....ucggagacgucgugggaaacacggggugccgaacu..... 0
Gi2_10409832_x10.....aucggagacgCcguggaacacggggugcc..... 1
Gi5_8443816_x10.....ggaacaAgggugccgaacu..... 1
Gi1_3917144_x10.....cguggaacacggggugcAgaacu..... 1
Gi3_27222082_x10.....aGcacggggugccgaacu..... 1
Gi3_27218592_x10.....uggaacacgggUugccga..... 1
Gi2_10415442_x10.....ucggagacgucgugggaaacacggggugccgaacu..... 0
Gi5_8431476_x10.....gggaaUacggggugccgaacu..... 1
Gi3_27204542_x10...cUaucggagacgucgugggaaacacggg..... 1
Gi3_27234592_x10.....aucgUagacgucgugggaaacacgg..... 1
Gi2_10415602_x10.....Gcgucguggaacacggggugccgaac..... 1
Gi3_27199492_x10.....cgucguggaCcacggggugcc..... 1
Gi1_3926704_x10.....gaaUacggggugccgaacu..... 1
Gi2_10419912_x10.....aucggagGcgucgugggaaacacggggugcc..... 1
Gi2_10403842_x10.....guggaacaUggggugcc..... 1

Gi3_27195112_x10.....gggaacacggggugccgaC..... 1
Gi2_10448247_x9.....guUggaacacggggugccgaa..... 1
Gi2_10454394_x9.....gGcgugggaacacggggugccg..... 1
Gi3_27259111_x9.....cgucgAgggaacacggggugccgaacu..... 1
G1a_5638531_x9.....cgugggaacacggggugcUgaacu..... 1
Gi3_27269461_x9.....gUagacgucgugggaaca..... 1
Gi1_3932947_x9.....ugggaacacggggugccgaU..... 1
Gi5_8467950_x9.....gugggaGcacggggugccgaac..... 1
Gi2_10452594_x9.....cgucgugggaacacAgggugccgaacu..... 1
Gi2_10432785_x9.....aucggagacgCcgugggaacacgggggu..... 1
Gi1_3930589_x9.....aUgucgugggaacacggggugccgaacu..... 1
Gi2_10444701_x9.....guCggaacacggggugccgaacu..... 1
Gi3_27255727_x9.....gaucggagacgucguggCacac..... 1
Gi5_8471091_x9.....gggaacacNgggugccgaa..... 1
Gi2_10457220_x9.....gugggaaGacggggugccgaacu..... 1
Gi3_27255268_x9.....ggaacacggggugccgaaA..... 1
Gi3_27304849_x9.....acgucgCgggaacacggggugccgaac..... 1
Gi3_27294994_x9.....acgucgugggaacacggggguAccgaacu..... 1
Gi1_3940219_x9.....ucgugggaacacggggugUcgaacu..... 1
Gi5_8465295_x9.....cgucgugAgaacacggggugccgaacu..... 1
Gi3_27247816_x9.....acgucgugggaacacggggugccgaaUu..... 1
Gi2_10442217_x9.....aacacgggAugccgaacu..... 1
G1a_5641393_x9.....Cgggaacacggggugccgaacu..... 1
Gi3_27246115_x9.....aucggagacgucgugggaacacggggCgc..... 1
Gi3_27291799_x9.....gugggaaAacggggugccg..... 1
Gi2_10461189_x9.....Ugugggaacacggggugc..... 1
Gi2_10433532_x9.....aucggagacgucgugggaacacAgggugc..... 1
Gi3_27258787_x9.....gucgugggaacacggggugccgaaA..... 1
Gi4_521595_x9.....cgugggaaNacggggugccgaacu..... 1
Gi2_10456716_x9.....ugggaacacggggugccgaaUu..... 1
Gi3_27302842_x9.....cgugggaaUacggggugc..... 1
Gi1_3936007_x9.....cgucgugggaGcacggggugccgaacu..... 1
Gi3_27281242_x9.....cAucgugggaacacggggugccgaac..... 1
Gi4_523332_x9.....gUgaacacggggugccgaacu..... 1
Gi1_3938995_x9.....Uacgucgugggaacacggggugccgaac..... 1
Gi5_8459472_x9.....gugggaacacggggugcUgaac..... 1
Gi5_8475861_x9.....gaacCggggugccgaacu..... 1
Gi5_8467725_x9.....acgucguAggaacacggggugccgaacu..... 1
Gi5_8469093_x9.....auUggagacgucgugggaacacgg..... 1
G1a_5638648_x9.....gaacacggNgugccgaacu..... 1
Gi1_3934063_x9.....gucgugggaacacggggugccgGacu..... 1
Gi2_10451118_x9.....Acgaucggagacgucgugggaacacggggugc..... 1
Gi3_27261505_x9.....aucggagaUgucgugggaacacggg..... 1
Gi3_27296083_x9.....gugggaacacggggugGc..... 1
Gi3_27287182_x9.....cggagacgucgugggaGcacgggggu..... 1
Gi2_10443918_x9.....aucggagacgucgugggaacGcggggug..... 1
Gi3_27246007_x9.....cgucgugggaacacAgggugccgaac..... 1

G1a_5640034_x9.....ggaacacggggugccgGacu..... 1
 Gi3_27277183_x9.....ugggGacacggggugccg..... 1
 Gi2_10446726_x9.....cUucgugggaacacggggug..... 1
 Gi3_27289621_x9....Aaucggagacgucgugggaacacgggg..... 1
 Gi2_10454997_x9.....gucguggAaacacggggugccgaacu..... 1
 Gi2_10459434_x9.....gucgugggaacacggggugUcgaacu..... 1
 Gi3_27246862_x9.....acgucgugggaacGcggggugccgaac..... 1
 Gi3_27260326_x9.....ucgugggaUcacggggugccgaacu..... 1
 Gi2_10444143_x9.....gaacacggggugcAgaacu..... 1
 Gi5_8453541_x9.....ugggaacacggggCgccgaac..... 1
 Gi2_10435629_x9....aucgUagacgucgugggaacacggggugcc..... 1
 Gi2_10455420_x9.....gucgugggaacacggggugccgaaAu..... 1
 Gi3_27270055_x9.....gGgacgucgugggaacacggggugccgaacu..... 1
 Gi3_27295102_x9....cggagacgucgugggaacacggggugccgaacA..... 1
 Gi2_10438734_x9.....ggaacCcggggugccgaac..... 1
 Gi2_10443162_x9.....cgugggCacacggggugc..... 1
 Gi2_10442775_x9.....cguggAaacacggggugccgaac..... 1
 Gi3_27273997_x9.....cgucgugggaacacggggugccA..... 1
 Gi2_10458192_x9.....cCucgugggaacacggggugccgaacu..... 1
 Gi2_10444917_x9....aucggagacgCcgugggaacacggggugc..... 1
 Gi3_27255277_x9....aucgUagacgucgugggaacacgggg..... 1
 Gi5_8467140_x9.....gucgugggaacacggggugccgGacu..... 1
 Gi1_3933001_x9.....Ggugggaacacggggugccga..... 1
 Gi5_8471883_x9.....Uacgucgugggaacacggggugccgaac..... 1
 Gi1_3940669_x9.....gacgucgugggGacacggggugccgaacu..... 1
 Gi4_521703_x9.....gugggaacacggggugccgaGcu..... 1
 Gi2_10452198_x9....aucggagaNgucgugggaacacg..... 1
 Gi5_8462667_x9.....guNggaacacggggugccgaacu..... 1
 Gi2_10454430_x9.....gaacacggggugccgaacG..... 1
 Gi3_27290836_x9.....Agugggaacacggggugccga..... 1
 Gi3_27298882_x9.....aacacgUggugccgaacu..... 1
 Gi3_27303958_x9.....ugggaacacAgggugccgaa..... 1
 Gi2_10438923_x9.....ugggCacacggggugccgaacu..... 1
 Gi3_27273547_x9....gaucggagGcgucgugggaacacggg..... 1
 Gi1_3937537_x9.....gCcgugggaacacggggugcc..... 1
 Gi3_27271639_x9....aucggagacgucUugggaacacgggg..... 1
 Gi3_27303067_x9.....cgucUugggaacacggggugc..... 1
 G1a_5648206_x9.....aacacgggNugccgaacu..... 1
 Gi3_27271360_x9.....gacgucgugggaacacggggAgccgaacu..... 1
 Gi1_3935872_x9.....cgucgugggaacGcggggugccgaacu..... 1
 Gi5_8468013_x9.....cUucgugggaacacggggugccgaa..... 1
 Gi2_10432209_x9.....cgucgCgggaacacggggugccgaacu..... 1
 Gi1_3928969_x9.....uUggaacacggggugccg..... 1
 Gi3_27255700_x9.....gaacacgAggugccgaac..... 1
 Gi1_3931075_x9....ucgAgggaacacggggugccgaacu..... 1
 Gi2_10439463_x9.....cAugggaacacggggugcc..... 1
 Gi3_27266014_x9.....gacgCcgugggaacacggggugccgaacu..... 1

Gi3_27278353_x9.....cguNggaacacggggugccgaac..... 1
Gi3_27280738_x9.....ugggaacacggggugccgaUcu..... 1
Gi5_8473062_x9.....uGgugggaacacggggugccgaac..... 1
Gi2_10444233_x9.....aucggagacgucguggggaacCcggggu..... 1
Gi1_3940453_x9.....ucgugggaUacggggugccgaacu..... 1
Gi5_8453352_x9.....cgugggaacacggggguUccgaacu..... 1
Gi2_10449363_x9.....gUagacgucguggggaacacggggugccg..... 1
Gi1_3942172_x9.....ucgugggaacacggggCgcc..... 1
Gi1_3930382_x9.....ucgugggaacaUggggugccgaacu..... 1
Gi1_3936925_x9.....ugggaacacggggugccgaCcu..... 1
Gi3_27296092_x9.....acgucgugggaacacggggugccgaGc..... 1
Gi3_27259525_x9.....cgugggaacacCgggugccgaacu..... 1
Gi2_10441767_x9.....agacgucgugggGacacggggugcc..... 1
Gi5_8461506_x9.....ucgugggaacacggggugcAgaacu..... 1
Gi2_10437987_x9.....cgucguggNaacacggggugccgaac..... 1
Gi5_8459112_x9.....gugggaacacgCggugccgaacu..... 1
Gi5_8468391_x9.....acgucgugggaacacAgggugccgaacu..... 1
Gi3_27246250_x9.....gggaacacggggugccgaUcu..... 1
Gi5_8458833_x9.....acgucAugggaacacggggugccgaacu..... 1
Gi5_8460264_x9.....gggaacacggggugccgGac..... 1
G1a_5643670_x9.....Uugggaacacggggugccgaa..... 1
Gi3_27298702_x9.....aucggaAacgucguggggaacacggg..... 1
Gi1_3939958_x9.....aacacggggugcAgaacu..... 1
Gi5_8465844_x9.....ggaacacggggugccgaaAu..... 1
Gi2_10461603_x9.uUcgauccgagacgucguggggaacacg..... 1
Gi3_27302428_x9.....ugggaacacggggugccUaac..... 1
Gi2_10433361_x9.....cgugggaacacggggCgcc..... 1
Gi3_27305506_x9.....aucggagacgucgugggGacacggggugcc..... 1
Gi5_8473242_x9.....cgugggaacacggggugGcgaacu..... 1
Gi3_27280450_x9.....uCggaacacggggugccg..... 1
Gi2_10449084_x9...gaucggagacgucguggggaacacggggG..... 1
Gi3_27253045_x9.....gacgucguggggaacacggggAgccgaac..... 1
Gi3_27304624_x9.....ugggaacacggggugGcgaacu..... 1
Gi2_10433415_x9.....ggaacaAggggugccgaacu..... 1
Gi5_8465961_x9.....ggaacUcggggugccgaacu..... 1
Gi2_10459893_x9.....aucggagacgucgugggCaca..... 1
Gi5_8474070_x9.....gggaacGcggggugccgaac..... 1
Gi2_10459425_x9.....gugAgaacacggggugccg..... 1
Gi3_27245296_x9.....cgugAgaacacggggugcc..... 1
G1a_5649844_x9.....gGgggaacacggggugccg..... 1
Gi3_27272953_x9.....cgugggaacaGggggugccgaacu..... 1
Gi2_10460487_x9...gaucggagacgucguggggaacCcggg..... 1
Gi2_10461090_x9.....gCcguggggaacacggggugcc..... 1
G1a_5635012_x9.....gCgaacacggggugccgaacu..... 1
Gi2_10460109_x9.....aUacgucguggggaacacggggugccgaac..... 1
Gi2_10457616_x9.....cgugggaacacggggugccgaaGu..... 1
Gi2_10458903_x9.....cgucguggggaacacggggugccgGacu..... 1

Gi5_8463639_x9.....ggaacacgggAugccgaacu..... 1
Gi2_10443153_x9.....gugggaaUacggggugccga..... 1
Gi2_10437573_x9.....ugggaGcacggggugccga..... 1
Gi3_27299314_x9.....gggaacacgggAugccgaac..... 1
Gi2_10452216_x9.....cgCgggaacacggggugccga..... 1
Gi2_10458219_x9.....Aucgugggaacacggggugc..... 1
Gi5_8466888_x9.....aucggagaNgucgugggaacacgg..... 1
Gi2_10449354_x9.....aUgucgugggaacacggggugccgaacu..... 1
Gi2_10458579_x9.....ggaUcacggggugccgaacu..... 1
Gi3_27298396_x9.....cCugggaacacggggugccg..... 1
Gi1_3935224_x9.....gaacacggggugccgaaUu..... 1
Gi2_10458480_x9.....gugggaacacggggugc..... 1
Gi5_8456079_x9.....cgugggaacacggggugcGgaacu..... 1
Gi2_10432254_x9.....cgugggaacacggggUccgaacu..... 1
Gi2_10438572_x9.....gugggaacacggggUccgaacu..... 1
Gi3_27268633_x9.....gucgugggaacaGggggugccgaacu..... 1
Gi2_10437186_x9.....gGgacgucgugggaacacggggugccgaacu..... 1
Gi5_8465709_x9.....ggaacacggggugccgaacG..... 1
Gi3_27285310_x9.....ucgugggaaUacggggugccgaac..... 1
Gi2_10429428_x9.....ugggaaCgcgggugccga..... 1
Gi3_27286867_x9.....aucggagacgucgugggaacacggA..... 1
Gi3_27296704_x9.....Uacgucgugggaacacggggugc..... 1
Gi3_27244648_x9.....gucgugggCacacggggugccgaac..... 1
Gi2_10459119_x9.....guAggaacacggggugccga..... 1
Gi1_3929014_x9.....aacacggggugccgaaUu..... 1
Gi1_3931516_x9.....aucggagacgucgugggaacacgU..... 1
Gi3_27301339_x9.....aucggagacAucgugggaacacg..... 1
Gi5_8474592_x9.....agUcucgugggaacacggggugccgaacu..... 1
G1a_5647270_x9.....gggaacacggggugccgCacu..... 1
Gi1_3933955_x9.....ucgugggaacacUgggugccgaacu..... 1
G1a_5635732_x9.....aucggagacgucgCgggaacacggg..... 1
Gi5_8468445_x9.....ugggCacacggggugccgaacu..... 1
Gi3_27292501_x9.....aucgAagacgucgugggaacacg..... 1
Gi1_3941902_x9.....ucgugggaGcacggggugcc..... 1
Gi2_10457445_x9.....ucgugggaacacggggAgccgaacu..... 1
Gi5_8461992_x9.....gucgugAgaacacggggugccgaacu..... 1
Gi5_8464449_x9.....gggaacacggggugccgaUc..... 1
Gi3_27298648_x9.....cgAcgugggaacacggggugccg..... 1
Gi2_10429167_x9.....gucgAgggaacacggggugccgaacu..... 1
Gi1_3930607_x9.....ucgugggaacacgAggugccgaacu..... 1
Gi3_27280117_x9.....agacgucgugggaacacggggugccgCacu..... 1
Gi5_8458887_x9.....aaAacggggugccgaacu..... 1
Gi3_27300574_x9.....cgucgugggaacacggggAgccgaacu..... 1
Gi3_27247753_x9.....ggaacacggUgugccgaacu..... 1
Gi2_10440642_x9.....acgucgugNgaacacggggugccgaac..... 1
Gi3_27292168_x9.....cgucgugggaacacggggugccgaacG..... 1
Gi3_27261676_x9.....gaUgucgugggaacacggggugccgaac..... 1

G1a_5653984_x9.....aCcgagacgucgugggaacacggg..... 1
 Gi3_27265501_x9.....cgugggGacacggggugccg..... 1
 Gi2_10457994_x9.....acgucgugggaacacggAgugccgaacu..... 1
 Gi2_10453872_x9.....ucgugggaacacggggugcAgaacu..... 1
 Gi5_8476464_x9.....cgugggaacacgCggugccgaacu..... 1
 Gi3_27292978_x9.....gugggaaUacggggugccg..... 1
 Gi2_10449471_x9.....gugggaacacggggguAccga..... 1
 Gi3_27252163_x9.....cgucgugggaaUacggggugccgaac..... 1
 Gi5_8456376_x9.....cguNggaacacggggugccgaacu..... 1
 Gi2_10443279_x9.....aucggagacgucgugggaacaUggggg..... 1
 Gi3_27300808_x9.....Aggagacgucgugggaacacggggugccg..... 1
 Gi3_27263368_x9.....ggaacacggCgugccgaacu..... 1
 Gi3_27291511_x9.....ucggagacgucgugggaacacggggugccgaac..... 0
 G1a_5635489_x9.....ggaacacggggugccgaGcu..... 1
 Gi5_8465628_x9.....ucgugggaacacggggugccgaaAu..... 1
 Gi2_10431822_x9.....agacgucgugggaacGcggggugcc..... 1
 Gi3_27248716_x9.....cgucAugggaacacggggugcc..... 1
 Gi3_27249121_x9.....ucgugggaacacggAgugccgaac..... 1
 Gi1_3929392_x9.....gugggaacacggggAgccgaacu..... 1
 Gi3_27278812_x9.....aucggagacgucAugggaacacg..... 1
 Gi3_27302221_x9.....gugggaacacggggugcAga..... 1
 Gi2_10447455_x9.....gucgugggaaAacggggugcc..... 1
 Gi2_10446519_x9.....gacgucgugggaacacggggugccgaa..... 0
 Gi3_27271729_x9.....cgugggaGcacggggugccgaa..... 1
 Gi2_10436430_x9.....cgGcgugggaacacggggugccg..... 1
 Gi2_10461261_x9.....Uacgucgugggaacacggg..... 1
 Gi5_8460858_x9.....ggaUcacggggugccgaacu..... 1
 Gi2_10461765_x9.....ugggGacacggggugccg..... 1
 Gi2_10445178_x9.....ggagGcgucgugggaacacggggugcc..... 1
 Gi2_10449057_x9.....gugggaacacggggugccA..... 1
 Gi3_27295624_x9.....gacgucgugggaacGcggggugccgaacu..... 1
 Gi2_10459371_x9.....ugggaacacggggugccgaCc..... 1
 Gi2_10432650_x9.....cgucgugggaacacggggugUcgaacu..... 1
 Gi5_8459526_x9.uUcgaucggagacgucgugg..... 1
 Gi5_8460237_x9.....acgucgugggaacacggggugcAgaacu..... 1
 Gi5_8464845_x9.....acgucgugggaacCcgggugccgaacu..... 1
 Gi3_27280909_x9.....gucgugggaacacggggGgcc..... 1
 Gi2_10439418_x9..gcgaucggagacgucgugggaacacggggugcc..... 0
 Gi2_10447419_x9..Aaucggagacgucgugggaacacggg..... 1
 Gi5_8455953_x9.....Nugggaacacggggugccgaacu..... 1
 Gi2_10436169_x9.....Gcggagacgucgugggaacacggggugcc..... 1
 Gi5_8469120_x9.....cgucgugggaacacggggAgccgaacu..... 1
 Gi3_27291565_x9.....cCugggaacacggggugccgaa..... 1
 Gi3_27248320_x9.....ggagacgucgugggaacaUggggugccg..... 1
 Gi3_27280603_x9.....gaacacggggugccCaacu..... 1
 Gi2_10441893_x9.....Gucggagacgucgugggaac..... 1
 Gi3_27262486_x9.....ggagacgucUugggaacacggggg..... 1

Gi5_8473818_x9.....Augggaacacggggugcc.....	1
Gi3_27300439_x9.....aucggagacgucgugggaacacgA.....	1
Gi3_27304561_x9.....cgAcgugggaacacggggugcc.....	1
Gi3_27256348_x9.....gugggaacaAggggugccga.....	1
Gi3_27302707_x9.....gucgugggaacacggggCgcc.....	1
Gi3_27305074_x9.....gaucggagacgucgugggaacaAggggu.....	1
Gi2_10436727_x9.....acgucgugggaacacggggCgccgaac.....	1
Gi3_27301249_x9.....Aacgucgugggaacacggggugccgaacu.....	1
Gi1_3938167_x9.....acgucgugggaGcacggggugccg.....	1
Gi2_10436196_x9.....aucggagacgucguAggaacacgggggu.....	1
Gi2_10432065_x9.....ugggaacacgggUugccgaac.....	1
Gi2_10444836_x9.....aAcggagacgucgugggaacacgggggu.....	1
Gi2_10453899_x9.....cggagacgucgugggaacCggggugc.....	1
Gi5_8461488_x9.....ucggagacgucgugggaacacggggugccgaac.....	0
Gi4_522819_x9.....gagacgucgugggaacacggggugccgaacu.....	0
Gi5_8480481_x8.....Aaacacggggugccgaac.....	1
Gi2_10480474_x8.....gaucggagNcgucguggga.....	1
Gi5_8488417_x8.....gucgugggaacacgAggugccgaacu.....	1
Gi3_27368201_x8.....gUcgucgugggaacacggggugccgaacu.....	1
Gi5_8478761_x8.....cgucgugggaacCggggugccgaacu.....	1
Gi1_3956037_x8.....ggUacacggggugccgaac.....	1
Gi2_10465450_x8.....gggaacacgAggugccgaac.....	1
Gi2_10470554_x8.....ggaNcacggggugccgaacu.....	1
Gi2_10492650_x8..Ucgauccgagacgucgugggaacacgg.....	1
Gi3_27309137_x8.....cggagacgCcgugggaacacgggggu.....	1
Gi2_10490850_x8.....gaucggagacgucgugggCacac.....	1
Gi5_8497001_x8.....gggaacacggggugccgaC.....	1
Gi3_27351065_x8.....aucgAagacgucgugggaacacggg.....	1
Gi3_27374761_x8.....cgCcgugggaacacggggugc.....	1
Gi3_27329473_x8.....Aacgucgugggaacacggg.....	1
Gi3_27363097_x8.....aucggagacgucgugggaaUacgggg.....	1
Gi2_10487882_x8.....gugggUacacggggugcc.....	1
Gi3_27336529_x8.....gacgucgCgggaacacggggugccgaac.....	1
Gi3_27341753_x8.....aucggagacgucgugggaacacggC.....	1
Gi3_27309673_x8.....ucCugggaacacggggugccgaacu.....	1
Gi2_10490330_x8.....gaucggagacgucgugggC.....	1
Gi1_3954277_x8.....ugggaacacggggugccgCac.....	1
Gi5_8484137_x8.....cgucgugggaacacAgggugccgaacu.....	1
Gi5_8476889_x8.....guAggaacacggggugccgaac.....	1
Gi5_8502265_x8.....gacgucgugggaacacggggGgccgaacu.....	1
Gi2_10487546_x8.....gaucggagacgucgugggGacac.....	1
Gl1_5655225_x8.....ugggaacacAgggugccgaacu.....	1
Gi4_524288_x8.....guUggaacacggggugccgaacu.....	1
Gi3_27363057_x8.....cgugggaCcacggggugccga.....	1
Gi5_8487129_x8.....Uagacgucgugggaacacggggugcc.....	1
Gl1_5674769_x8.....cCugggaacacggggugccgaacu.....	1
Gi5_8500569_x8.....Cugggaacacggggugccga.....	1

Gi3_27349129_x8.uUcgaucggagacgucgugggaaaca.....	1
Gi5_8494497_x8.....aacacggCgugccgaacu.....	1
Gi3_27313969_x8.....cgucgugggaaAacggggugcc.....	1
Gi5_8492865_x8.....gucgugggaaUacggggugccgaacu.....	1
Gi1_3952237_x8.....Ggucgugggaaacacggggugcc.....	1
Gi2_10476242_x8.....cgucgugggaaacacggggugccgaCcu.....	1
Gi4_525112_x8.....Uucgugggaaacacggggugccgaacu.....	1
Gi3_27344929_x8.....ugggaacGcggggugccg.....	1
Gi3_27359385_x8.....aucggagacgucUugggaacacggg.....	1
Gi1_3957181_x8.....ggagacgucgugggGcacggggugccg.....	1
Gi1_3952973_x8.....aGcggagacgucgugggaaacacggggg.....	1
Gi2_10487690_x8.ugcgaucggagacgucgug.....	0
Gi3_27361489_x8.....gggaacUcggggugccgaacu.....	1
Gi2_10467218_x8.....guggAaacacggggugccg.....	1
Gi3_27307721_x8.....gggaacacggUgugccgaac.....	1
Gi3_27353473_x8.....gucgugggaaAacggggugccgaac.....	1
Gi5_8500817_x8.....gGacacggggugccgaac.....	1
Gi3_27307737_x8.....aacacCgggugccgaacu.....	1
Gi1_3947125_x8.....cgucgugAgaacacggggugccgaacu.....	1
Gi3_27307905_x8.....aucggagacgucGgggaacacg.....	1
Gi3_27356241_x8.....agacgucguAggaacacggggugccgaacu.....	1
Gi1_5672737_x8.....cgaucggaNacgucgugg.....	1
Gi5_8496665_x8.....gugggaaAacggggugccgaac.....	1
Gi2_10475410_x8.....cgugggaaacacggAgugccgaac.....	1
Gi2_10491178_x8.....uAggaacacggggugccg.....	1
Gi5_8502273_x8.....gugggaacacggggAgcgaac.....	1
Gi2_10477778_x8.....ugggaacacggggugcAgaac.....	1
Gi3_27340729_x8.....aucggagacAucgugggaaacacgg.....	1
Gi5_8480225_x8.....acgucgugggaaacacggggugccGacu.....	1
Gi3_27324201_x8.....aAcggagacgucgugggaaacacgggg.....	1
Gi2_10492698_x8.....cgucgugggaaacacggggguAccgaacu.....	1
Gi3_27340001_x8.....acgucgugggaaacacggggGgcc.....	1
Gi2_10465298_x8.....cgugggaaacacggggugUc.....	1
Gi2_10494914_x8.....gacgucgugggaaacGcggggugccgaacu.....	1
Gi3_27357017_x8..Ucgaucggagacgucguggg.....	1
Gi3_27375449_x8.....cCucgugggaaacacggggugccgaac.....	1
Gi1_3948365_x8.....ggaacCcgggugccgaacu.....	1
Gi1_3945117_x8.....cgugggaaacacggggGgccgaacu.....	1
Gi2_10485882_x8.....ugggaacaNggggugccgaa.....	1
Gi3_27366785_x8.....gugggaacacgggAugccgaa.....	1
Gi1_3950517_x8.uUcgaucggagacgucguggg.....	1
Gi3_27355913_x8.....aucggagacgucgugggaaacaUg.....	1
Gi2_10481154_x8.....aucggagacgucgugggGcacggggugc.....	1
Gi3_27325121_x8.....gucgugggaaacacggAgugccgaac.....	1
Gi2_10472194_x8.....acgucgugggaaacCggggugccgaacu.....	1
Gi3_27376321_x8.....aucggagacgucgugggGcac.....	1
Gi1_3947253_x8.....Gucggagacgucgugggaaacacg.....	1

Gi3_27330817_x8.....cguggAaacacggggugccga.....	1
Gi5_8493785_x8.....guggaaacacggggGgcc.....	1
Gi5_8480049_x8.....gggaacacggggugccgaaAu.....	1
Gi5_8495393_x8.....gucgugggCacacggggugccgaacu.....	1
G1a_5669241_x8.....gugggaacacggggguAccgaacu.....	1
Gi3_27312201_x8.....cgucgugggaacacggggugUc.....	1
Gi2_10498562_x8.....Aucgugggaacacggggugcc.....	1
Gi2_10468738_x8.....ggaacacUgggugccgaacu.....	1
Gi2_10461890_x8.....acgucgugggaGcacggggugccgaacu.....	1
Gi3_27320257_x8.....ugggaacacAgggugccg.....	1
Gi2_10463642_x8.....cgucgugggaGcacggggugcc.....	1
Gi3_27370209_x8.....gAcgugggaacacggggugccgaac.....	1
Gi1_3942621_x8..gCGaucggagacgucgCgggaacacggggugcc.....	1
Gi2_10461922_x8...gGucggagacgucgugggaacacgggg.....	1
Gi3_27330209_x8.....ucguCggaacacggggugccgaacu.....	1
Gi1_3950693_x8.....cUugggaacacggggugccgaa.....	1
Gi2_10494930_x8cugcgaucggagacgucgugggaacacgggg.....	0
Gi3_27344201_x8.....aacacggggUccgaacu.....	1
Gi5_8498913_x8.....gggaacacggggugUcgaacu.....	1
Gi3_27348625_x8.....gucgugggaacacggggG.....	1
Gi3_27365881_x8.....ugggaacacggggugUcga.....	1
Gi2_10496834_x8.....cgugggaacacggggugccgG.....	1
Gi3_27359169_x8.....cgugggaacacUgggugccgaac.....	1
Gi2_10496410_x8.....cgucgugggGcacacggggugccga.....	1
Gi2_10477666_x8.....uggUaacacggggugccgaacu.....	1
Gi2_10466090_x8..cUaucggagacgucgugggaacacgggg.....	1
Gi3_27370841_x8.....ggaNcacggggugccgaac.....	1
Gi2_10498290_x8.....Gcgugggaacacggggugcc.....	1
Gi1_3950357_x8.....cgugggaacacggAgugccgaacu.....	1
Gi2_10462282_x8.....cgAgggaacacggggugc.....	1
Gi2_10480818_x8.....gaUgucgugggaacacggggugcc.....	1
Gi3_27365289_x8.....cgugggaacacggggUaccga.....	1
Gi2_10490802_x8...gaucggagNcgucgugggaacacgggg.....	1
Gi3_27314793_x8.....ggaaAacggggugccgaac.....	1
Gi2_10484842_x8.....agacgucgugggaacacggggGgcc.....	1
Gi1_3947389_x8.....gGgggaacacggggugccga.....	1
Gi2_10497050_x8.....ucggagacgucgugggaacacggggugccg.....	0
Gi2_10469050_x8.....Cgagacgucgugggaacacggggugcc.....	1
Gi2_10483338_x8.....ucgugggaacacggggugccGacu.....	1
G1a_5662161_x8.....gugggUaacacggggugccgaacu.....	1
Gi1_3953149_x8.....ucgugggaacacgggAugccgaacu.....	1
Gi2_10486090_x8.....acgucgugggaacacggggugccgaGcu.....	1
Gi3_27349305_x8.....cgCcgugggaacacggggugccga.....	1
Gi2_10475930_x8.....gucgugggUaacacggggugccgaacu.....	1
Gi3_27344217_x8.....cgugggaacacgCggugccgaac.....	1
Gi5_8501737_x8.....gCgggaacacggggugccga.....	1
Gi2_10480170_x8.....Gcggagacgucgugggaacacggggugc.....	1

Gi3_27349345_x8.....cgucgCgggaacacggggugccgaac..... 1
 Gi2_10483754_x8.....cgugggaacacggggAccgaac..... 1
 Gi3_27371225_x8.....gagGcgucgugggaacacggggugccgaacu..... 1
 Gi3_27315289_x8.....cgAggggaacacggggugc..... 1
 Gi2_10481850_x8.....gggaacacggggugcGgaacu..... 1
 Gi3_27365145_x8.....ugggaacCcggggugccgaa..... 1
 Gi5_8478417_x8.....aucggagacgucgugggaCcaccg..... 1
 Gi2_10489930_x8.....cgCcgugggaacacggggugcc..... 1
 Gi5_8477385_x8...Uaucggagacgucgugggaacacggggg..... 1
 Gi5_8477193_x8.....aucggagacgCcgugggaacacg..... 1
 Gi2_10494506_x8.....gugggaacacggAgugccgaa..... 1
 Gi1_3949909_x8.....gaacacggggugAcgaacu..... 1
 Gi5_8478009_x8.....aacaAggggugccgaacu..... 1
 Gi3_27329009_x8.....cggagacgucgugggaacacggggG..... 1
 Gi3_27341249_x8.....cgugggaacacgggCugccgaac..... 1
 Gi3_27308233_x8.....ucggagacgucgugggaacacggggugccga..... 0
 Gl1_5659185_x8.....ugggaacacggggAgccgaacu..... 1
 Gi2_10470786_x8.....ugggaacacAgggugccgaac..... 1
 Gi5_8493801_x8.....cgugggaacacggCgugccgaacu..... 1
 Gi2_10469034_x8.....cgugggaacacggggugccgaaU..... 1
 Gi1_3951181_x8.....gugggaacacggggugccgU..... 1
 Gi5_8480249_x8.....cgugggaaGacggggugccgaacu..... 1
 Gi5_8497697_x8.....ggaaGacggggugccgaacu..... 1
 Gi3_27311337_x8.....Gacacggggugccgaacuu..... 1
 Gi2_10494474_x8.....aucAgagacgucgugggaacacggggg..... 1
 Gi3_27337057_x8.....gugggaaAacggggugccgaa..... 1
 Gi2_10492786_x8.....aAcggagacgucgugggaacacggggugc..... 1
 Gi5_8481753_x8.....gugggaacacggggugccgaaU..... 1
 Gi3_27322569_x8.....Ggucgugggaacacggggugccgaa..... 1
 Gi2_10493322_x8.....Cgggaacacggggugccgaac..... 1
 Gi5_8492633_x8.....Augggaacacggggugccga..... 1
 Gl1_5656425_x8.....gGgggaacacggggugccgaa..... 1
 Gi1_3945525_x8.....gugggaacaAggggugccgaacu..... 1
 Gi2_10488002_x8.....cCucgugggaacacggggugcc..... 1
 Gi5_8486033_x8.....agacgucgugggaacGcggggugccgaacu..... 1
 Gi3_27316961_x8.....cgugggaacacggggugcGgaac..... 1
 Gi3_27327585_x8.....agacgucgugggaacacggggCgccgaac..... 1
 Gi5_8496801_x8.....gugggaacacggAgugccg..... 1
 Gi3_27376297_x8.....cgugggaacacggggugAcg..... 1
 Gi3_27308041_x8.....ugggaCcacggggugccgaa..... 1
 Gi5_8500633_x8.....gggaacacgggAugccgaacu..... 1
 Gi2_10468026_x8.....gUagacgucgugggaacacg..... 1
 Gi3_27377209_x8.....ugggaacacgggAugccgaa..... 1
 Gi2_10497354_x8.....aucgUagacgucgugggaacac..... 1
 Gi3_27322537_x8.....cgugggaaAacggggugccgaac..... 1
 Gi5_8480593_x8.....aucggagacgucgugggaacacggggugccgaacu..... 0
 Gi3_27352329_x8.....aucgAagacgucgugggaacacggggg..... 1

Gi1_3953669_x8.....ggaacacggggGgccgaacu..... 1
Gi2_10478226_x8.....gaaacacggggugccgaUc..... 1
Gi2_10481698_x8.....gaaacacggggugccgaaAu..... 1
Gi3_27347505_x8.....cgugggaGcacggggugccg..... 1
Gi3_27372433_x8.....aucggaAacgucgugggaacacg..... 1
Gi1_3950485_x8.....uggaacacggggugcAgaacu..... 1
Gi5_8498777_x8.....cgugggaacacggggugcUgaac..... 1
Gi3_27374905_x8.....cgugggaacacggggUac..... 1
Gi2_10479786_x8.....cgugggaacCcggggugccgaac..... 1
Gi2_10497322_x8.....gggaacacggggAgccgaacu..... 1
Gi2_10474434_x8.....gaucggagacgucgugggaacGcggggU..... 1
Gi3_27332745_x8.....ggagacgucgugggaacacggggC..... 1
Gi3_27375129_x8.....ucgugggaacacggggugccgaaU..... 1
Gi5_8479993_x8.....uggaacacggggugccUaacu..... 1
Gi5_8491521_x8.....ucgugggaacacggggugccgaacG..... 1
Gi1_3953661_x8.....uggaacacggggugUcgaacu..... 1
Gi1_3944237_x8.....acgucgugggaacacggggugcAgaacu..... 1
Gi3_27343889_x8.....ggagacgucgugggGcacggggU..... 1
Gi3_27335441_x8.....aucggagacgucgugggaacacggggAu..... 1
Gi2_10494330_x8.....gaucggagNcgucgugggaacacggggugc..... 1
Gi2_10481250_x8.....cgugggaacacUgggugccg..... 1
Gi2_10475002_x8.....ugCgaacacggggugccgaacu..... 1
Gi3_27355785_x8.....cgugggaacacggggugccgC..... 1
Gi3_27336489_x8.....gggaacacggUgugccgaacu..... 1
Gi5_8479449_x8.....gggaacacggggugcAgaacu..... 1
Gi3_27329825_x8.....ggaGcacggggugccgaa..... 1
Gi5_8496929_x8.....cguggUaacacggggugccgaacu..... 1
Gi1_3951365_x8.....agacgucgNgggaacacggggugccgaacu..... 1
Gi3_27309697_x8.....acgucgAgggaacacggggugccgaacu..... 1
Gi3_27320001_x8.....aucggagacgucgugggaacGc..... 1
Gi3_27374049_x8.....gaucggagacgucgugggaacCcggg..... 1
Gi2_10478602_x8.....aucggagacgucgugggaacacggggGgcc..... 1
Gi2_10486658_x8.....gaucggagacgucgugggGcacg..... 1
Gi2_10486338_x8.....cgaucggGgacgucgugggaacacggggugc..... 1
Gi5_8485441_x8.....gaUgucgugggaacacggggugccgaacu..... 1
Gi2_10482610_x8.....aAcggagacgucgugggaacac..... 1
Gi2_10479002_x8.....gaaacacggggugccgUac..... 1
Gi2_10493074_x8.....gugggaacacAgggugccg..... 1
Gi3_27358681_x8.....gaucggagacgucgugggaacacggggA..... 1
Gi3_27343761_x8.....gacgucgugggaacacggggugccgaGc..... 1
Gi3_27375937_x8.....ugggaacacggggugccCaacu..... 1
Gi2_10485634_x8.....aucggagacgucgugAgaacacggggugc..... 1
Gi3_27318377_x8.....ugNgaacacggggugccgaacu..... 1
Gi1_3953205_x8.....gGacacggggugccgaac..... 1
Gi2_10485242_x8.....Ccgugggaacacggggugccgaac..... 1
Gi1_3946725_x8.....cgugggaacaUggggugccgaacu..... 1
Gi1_3948205_x8.....cgugggaacacggggugccgGacu..... 1

Gi2_10483658_x8.....acgucgugggaacacggggugUc..... 1
 Gi2_10467378_x8.....Ggucgugggaacacggggugccgaac..... 1
 Gi3_27365889_x8.....ucgugggaacacgggAugccgaac..... 1
 Gi3_27314993_x8.....gugggaacacggggugcAg..... 1
 Gl1_5673425_x8.....Uacgucgugggaacacggggu..... 1
 Gi1_3956821_x8.....aUacgucgugggaacacggg..... 1
 Gi5_8496785_x8.....aucggagacgucgugggGacacg..... 1
 Gi2_10490746_x8.....cgugAgaacacggggugcc..... 1
 Gi1_3945925_x8.....agacgucgugggaacacggggCgccgaacu..... 1
 Gi3_27337305_x8.....ugCgaacacggggugccgaacu..... 1
 Gi2_10482354_x8.....ugggaacacgggCugccgaacu..... 1
 Gi2_10478858_x8.....aucggagacgucgCgggaacacggggugc..... 1
 Gi3_27313425_x8.....ucggagacgucgugggaacacggggCgcc..... 1
 Gi5_8477089_x8.....gucgugggaacUcggggugccgaacu..... 1
 Gi2_10484218_x8.....aucggagacgucguggAaacacggggugc..... 1
 Gi1_3943333_x8.....cgucgGgggaacacggggugccgaacu..... 1
 Gi3_27372521_x8.....agacgucgugggaacacggggugccAaacu..... 1
 Gi3_27309617_x8.....aucggagacgucgugggCacac..... 1
 Gi2_10496138_x8.....Aaucggagacgucgugggaacac..... 1
 Gi2_10482482_x8.....aucggagGcugcuggggaacacggg..... 1
 Gi2_10494626_x8.....gugggaacacggggugGcgaac..... 1
 Gi5_8491089_x8.....acAucgugggaacacggggugccgaacu..... 1
 Gi5_8497785_x8.....acgucgugggaGcacggggugccgaacu..... 1
 Gi2_10472250_x8.....gaucggagacgucgugggCaca..... 1
 Gi3_27316417_x8.....cgucgugggUacacggggugccgaacu..... 1
 Gi5_8484617_x8.....guUggaacacggggugccga..... 1
 Gi2_10483698_x8.....aucgUagacgucgugggaacacggggug..... 1
 Gi2_10493962_x8.....gugggaacGcggggugccgaa..... 1
 Gi3_27354313_x8.....cgGcgugggaacacggggugccga..... 1
 Gi2_10481178_x8.....aucggagacgucgugggaacacAgggu..... 1
 Gi2_10479282_x8.....gaacacggggugccUaacu..... 1
 Gi3_27355545_x8.....gucguAggaacacggggugccgaac..... 1
 Gi3_27358113_x8.....gAaacacggggugccgaa..... 1
 Gi2_10486130_x8.....cgugggaacacggCgugccgaacu..... 1
 Gi3_27327289_x8.....gUucggagacgucgugggaacacggg..... 1
 Gi2_10488026_x8.....ucgugggaacacggggugccgaaUu..... 1
 Gi3_27362449_x8.....cgucgugggaacacggggugAcgaacu..... 1
 Gi3_27310329_x8.....gugCgaacacggggugccgaac..... 1
 Gi5_8485673_x8.....aacacggggugccUaacu..... 1
 Gl1_5654697_x8.....gggaacacAgggugccgaacu..... 1
 Gi3_27318729_x8.....gaacacggggGgccgaac..... 1
 Gi3_27318673_x8.....cgugggaacacgggAugcc..... 1
 Gi1_3949269_x8.....gaucggagacgucgugggaacacggggu..... 0
 Gi2_10496970_x8.....gggaGcacggggugccgaa..... 1
 Gi3_27337577_x8.....gggaacacUgggugccgaacu..... 1
 Gi2_10464698_x8.....gucgugggaacacggggGgc..... 1
 Gi5_8498297_x8.....gaacacggggugGcgaacu..... 1

Gi2_10480970_x8	...Aaucggagacgucgugggaaacacggggu	1
Gi3_27365633_x8	...aaGacggggugccgaacu	1
Gi3_27333657_x8	...ggaacacggggugcGgaac	1
Gl1_5675177_x8	...ggaacacggggGgccgaacu	1
Gi5_8478465_x8	...auUggagacgucgugggaaacacg	1
Gi3_27329913_x8	...cgucgugggaCcacggggugccgaac	1
Gi2_10463090_x8	...acgucgugggGacacggggugcc	1
Gi1_3949877_x8	...Uagacgucgugggaacacggggugccg	1
Gi2_10474170_x8	...ugUgaacacggggugccga	1
Gl1_5658201_x8	...gGacacggggugccgaacu	1
Gi3_27343145_x8	...Gcgugggaacacggggugcc	1
Gi5_8502017_x8	...ugAgaacacggggugccgaac	1
Gi3_27325793_x8	...gucgugggaacacggggugccgaacG	1
Gi1_3947591_x8	...Gcgucgugggaacacggggugcc	1
Gi1_3956557_x8	...aacacggggugUcgaacu	1
Gi2_10487314_x8	...gaucggagacgucgugggaaacCcg	1
Gi2_10468346_x8	...gggaacacggggugccgaaA	1
Gi1_3946325_x8	...gaucggagacgucgugggaaacacggg	0
Gi3_27364817_x8	...cgucgugggaacGcggggugccg	1
Gi3_27375601_x8	...cgugggaacacgAgggugcc	1
Gi2_10468514_x8	...gugggaaUacggggugccgaa	1
Gi3_27311593_x8	...gugggaacacggggugccgaaG	1
Gi5_8500537_x8	...cUugggaacacggggugccg	1
Gi3_27339945_x8	...guggCaacacggggugcc	1
Gi2_10483090_x8	...cgugggaacacggggugccgaG	1
Gi2_10486954_x8	...ggaacacggggugcAgaac	1
Gi2_10469354_x8	...cgugggaacacggggGgc	1
Gi2_10467346_x8	...gucgugggGacacggggugccgaac	1
Gi2_10495442_x8	...ggaacacggggugccgaCc	1
Gi3_27308657_x8	...aucggagacguUgugggaacacggg	1
Gi2_10478682_x8	...gaacacggggGgccgaac	1
Gi2_10483730_x8	...Ugacgucgugggaacacg	1
Gi2_10479370_x8	...gaucggagacgucgugggaaacacggggC	1
Gi2_10490114_x8	...gGcgucgugggaacacggggu	1
Gi2_10488778_x8	...ggaacacgggAugccgaac	1
Gi3_27373385_x8	...acgucgugggaacacggggugcAgaac	1
Gi5_8493257_x8	...aucggagacgucguggGacacgg	1
Gi2_10495874_x8	...Uucgugggaacacggggugccgaa	1
Gi5_8496529_x8	...agacgucgCgggaacacggggugccgaacu	1
Gi3_27317713_x8	...ggaacacgggguCccgaacu	1
Gi1_3952373_x8	...Uacgucgugggaacacggggugccg	1
Gi2_10488074_x8	...aucggagacgucgugggaaacacggggugccga	0
Gi5_8488841_x8	...gaacacggggugcAgaacu	1
Gi3_27311545_x8	...ggUgacgucgugggaacacggggu	1
Gi3_27321161_x8	...cguAggaacacggggugc	1
Gi3_27395030_x7	...ucgugggaacacggggugcAgaac	1
Gi3_27395177_x7	...acgucguggUaacacggggugccgaacu	1

Gi5_8524466_x7.....Gggaacacggggugccgaacuu.....	1
Gi3_27377817_x7.....acgucguggaacaacggggugccAaacu.....	1
Gi4_527677_x7.....guggaacaacggggugccg.....	0
Gi3_27429085_x7....gaucggagNcgucguggaacaacgggg.....	1
Gi1_3972900_x7.....cguggaacCcggggugccgaacu.....	1
Gi2_10499747_x7....aucAgagacgucguggaacaacggggugcc.....	1
Gi3_27429064_x7....aucggagacgucAuggaaacacgggg.....	1
Gi2_10517933_x7....Gcggagacgucguggaacaacgggg.....	1
Gi5_8523080_x7.....aacacggggugccgaGu.....	1
Gi3_27431073_x7....aucggagacgucgugAgaacacgg.....	1
Gi3_27395744_x7.....ggagacgucguggaacaacggggG.....	1
Gi2_10520376_x7.....gucguggaacaacCcggggugc.....	1
Gi1_3963422_x7.....uggaCcacggggugccgaacu.....	1
Gi2_10504367_x7....aucggagaNgucguggaacaacggggug.....	1
Gi3_27416121_x7.....gucguggaacaacggggugccgUacu.....	1
Gi3_27391488_x7.....acgucguggaacaacggggugccgaCcu.....	1
Gi3_27407112_x7....gaucggGgacgucguggaacaacgggg.....	1
Gi1_3968560_x7.....guggUacacggggugccgaacu.....	1
Gi2_10530918_x7.....guUguggaacaacggggugcc.....	1
Gi2_10518192_x7.....cgucguggaacaacggAgugccgaacu.....	1
Gi3_27403556_x7....Gcggagacgucguggaacaacgggg.....	1
Gi2_10505403_x7....aUgucguggaacaacggggugc.....	1
Gi2_10531170_x7.....aacacggggugccgUacu.....	1
Gi2_10511248_x7.....uggaacaacggggugAcgaacu.....	1
Gi2_10514055_x7....cggGgacgucguggaacaacggggugccgaacu.....	1
Gi3_27454089_x7.....gggaacaacAggugccgaa.....	1
Gi2_10523932_x7.....ggaacaacggggugccgaUcu.....	1
Gi3_27433628_x7....aUacgucguggaacaacgggg.....	1
Gi3_27378027_x7....gaucggagacgucguggaaAacg.....	1
Gi5_8504880_x7.Ggcgaucggagacgucgugg.....	1
G1a_5699117_x7.....ggagacgucguggaacaacggggugccgaacu.....	0
Gi3_27393070_x7.....agacUucguggaacaacggggugccgaacu.....	1
Gi3_27449161_x7.....gugggCacacggggugccga.....	1
Gi2_10513747_x7....aucggagacgucUuggaacaacggggugc.....	1
G1a_5683619_x7....aGcggagacgucgugga.....	1
Gi2_10540872_x7.....cCuggaacaacggggugc.....	1
Gi3_27448524_x7....aucAgagacgucguggaacaacggggugc.....	1
Gi3_27378503_x7.....uggaaAacggggugccgaac.....	1
Gi1_3960118_x7.....gucguggaacaacCcggggugccgaacu.....	1
G1a_5700650_x7.....cguggaacaacCcggggugccgaacu.....	1
Gi2_10508861_x7....cggagacgucguggaacaacAgggugcc.....	1
Gi3_27397298_x7....acgucguggaGcacggggugccgaac.....	1
Gi1_3966040_x7.....guggaacaacggggGgcgaac.....	1
Gi2_10531646_x7.....guggaacaacAgggugccgaa.....	1
Gi3_27454719_x7....cguAggaacaacggggugccga.....	1
Gi2_10537190_x7....uGguggaacaacggggugccg.....	1
Gi2_10517597_x7.....guggaacaacggggugAcg.....	1

Gi3_27410962_x7.....gugggUacacggggugccg..... 1
Gi2_10519564_x7.....cgugggaaGacggggugccgaacu..... 1
Gi3_27446382_x7....gaucggGgacgucgugggaacac..... 1
Gi2_10499817_x7.....cgAcgugggaaacacggggugccg..... 1
Gi1_3962309_x7.....gacgucgugggaacacggggCgcccgaacu..... 1
Gi1_3958837_x7..gcgaucggagacgucgugggaacacggggugcc..... 0
Gi3_27452395_x7.....ugggaacacggAgugccga..... 1
G1a_5696324_x7.....gugggCacacggggugccgaacu..... 1
Gi1_3969722_x7.....cgugggaacacggggugccU..... 1
Gi2_10528748_x7.....cgugggGacacggggugc..... 1
Gi2_10533872_x7.....agGcgcgucgugggaacacggggugcc..... 1
Gi3_27439389_x7.....cgugggaaUacggggugccga..... 1
Gi3_27383942_x7.....cgucgugggaacacggggugccG..... 1
Gi3_27404305_x7.....ggUgacgucgugggaacacggggugcc..... 1
G1a_5691830_x7.....cggagacgucgugggaacacggggugcc..... 0
Gi3_27447005_x7.....cgucgugggGacacggggugccga..... 1
Gi1_3963961_x7.....ugggaacacggggUAccgaacu..... 1
Gi3_27392293_x7.....gaacacggggUccgaacu..... 1
Gi3_27432018_x7.....cgugggaacacggggUacc..... 1
Gi3_27446669_x7.....gggaGcacggggugccga..... 1
Gi2_10530456_x7....aucggagacgucgugggaacacggggG..... 1
Gi1_3959369_x7.....gCgggaacacggggugcc..... 1
Gi3_27395611_x7.....acgucgugggaaAacggggugccgaacu..... 1
Gi3_27387631_x7.....acgucguAggaacacggggugccgaac..... 1
Gi2_10516491_x7.....Agugggaacacggggugccgaac..... 1
Gi3_27378545_x7.....acgucgugggaaacCcgggugccgaac..... 1
Gi3_27395688_x7.....gugNgaacacggggugcc..... 1
Gi2_10528888_x7.....ggaacacggggUccgaac..... 1
Gi5_8505230_x7.....gaUcacggggugccgaac..... 1
Gi2_10514314_x7.....agacgCcgugggaaacacggggugcc..... 1
Gi5_8523241_x7....aGcggagacgucgugggaacacggggugc..... 1
Gi2_10509197_x7.....gugggaacaAggggugcc..... 1
Gi2_10519298_x7....aucggagacgucAugggaacacggggugcc..... 1
Gi3_27379175_x7.....cgucgugggaaacacggCgugcc..... 1
Gi3_27384117_x7.....ucguUggaacacggggugc..... 1
Gi3_27394890_x7....gaucggagaUgucgugggaacacg..... 1
Gi1_3965795_x7.....ggaacacgAggugccgaacu..... 1
Gi2_10499985_x7.....cgugUgaacacggggugccgaa..... 1
Gi5_8510991_x7.....gucgugggUacacggggugccgaacu..... 1
Gi3_27379910_x7.....ugggaacacggggugcUg..... 1
Gi3_27424339_x7.....Gcgugggaaacacggggugccga..... 1
Gi2_10524261_x7.....gucgugggaaAacggggugc..... 1
Gi3_27445423_x7....aucgAagacgucgugggaacacg..... 1
Gi3_27454999_x7.....ggGacacggggugccgaa..... 1
Gi3_27408330_x7.....cgugggaaacCcgggugccg..... 1
Gi5_8510921_x7.....ucgugggUacacggggugccgaacu..... 1
Gi3_27457295_x7.....gggaacacggAgugccgaa..... 1

Gi3_27447761_x7.uUcgauccgagacgucguggga..... 1
Gi3_27419271_x7...Aaucggagacgucgugggaacac..... 1
Gi1_3971920_x7.....cgucgugggaacacggggugccgaacu..... 0
Gi3_27451618_x7.....cgugggaacacggggugccUaac..... 1
Gi2_10516995_x7.....Gcggagacgucgugggaaca..... 1
Gi2_10511920_x7...gaCcgagacgucgugggaacacggggu..... 1
Gi3_27394435_x7.....cguAggaacacggggugcc..... 1
Gi2_10520698_x7.....aacacggggugccgaaAu..... 1
Gi5_8522737_x7.....gggaacacAgggugccgaac..... 1
Gi2_10534817_x7.....cggagacgNcgugggaacacggggugc..... 1
G1a_5696730_x7...aucggagacgucgGgggaacacggg..... 1
G1a_5681176_x7.....gugggaacacggggugAcgaaacu..... 1
Gi1_3958928_x7.....ugggaacacggggGgccaacu..... 1
Gi3_27379420_x7...aucggagacgucgugggUacacggggu..... 1
G1a_5683395_x7...aGcggagacgucgugggaacacggggugcc..... 1
Gi3_27452990_x7.....gucgugggaCcacggggugccgaacu..... 1
Gi1_3972032_x7.....gGcuggggaacacggggugccgaac..... 1
Gi3_27390235_x7.....gugggaacacggggugccUa..... 1
G1a_5695729_x7.....Agggaacacggggugccgaacu..... 1
Gi1_3966873_x7.....acgucgugggaacacggggugccgaGcu..... 1
Gi3_27395023_x7...gaucggagacgucgugggaacacggggugccgaacu..... 0
Gi5_8521099_x7.....ugggaUcacggggugccgaacu..... 1
Gi3_27388583_x7.....Agagacgucgugggaacacggggugcc..... 1
Gi3_27383914_x7.....gGgacgucgugggaacacggggugccgaac..... 1
Gi3_27456301_x7.....cgugggaacacggggUaccg..... 1
G1a_5683416_x7...Gucggagacgucgugggaacacgggggu..... 1
Gi3_27390242_x7.....gugggaacacCgggugccgaac..... 1
Gi3_27415645_x7.....gacgucguNgggaacacggggugccgaacu..... 1
Gi3_27410451_x7...gaucggagacgucgugggCacacg..... 1
Gi5_8509857_x7.....Augggaacacggggugccgaacu..... 1
Gi3_27429540_x7.....gacgucgugggGacacggggugccgaac..... 1
Gi3_27411970_x7.....gCgaacacggggugccgaa..... 1
Gi2_10515707_x7...gGucggagacgucgugggaacacggggug..... 1
Gi4_527852_x7.....gugggaGcacggggugccgaacu..... 1
Gi5_8512720_x7.....cgucgugggaacacggggugcUgaacu..... 1
Gi1_3973439_x7.....gUaacacggggugccgaa..... 1
Gi3_27381765_x7.....cgugggaacacggggugcUgaa..... 1
Gi5_8504845_x7...aGcggagacgucgugggaacacgggggu..... 1
Gi2_10539374_x7...aucggagacgucgugggCacac..... 1
Gi1_3973768_x7.....Gcuggggaacacggggugc..... 1
Gi3_27426215_x7.....cggagacgNcgugggaacacggg..... 1
Gi3_27394925_x7...Cucggagacgucgugggaacacggg..... 1
Gi3_27396871_x7.....cgucguggAaacacggggugccg..... 1
Gi3_27439466_x7.....gucgugggaUcacggggugccgaacu..... 1
Gi3_27420391_x7..Ucgauccgagacgucgugggaaca..... 1
Gi2_10502925_x7.....ggagacgCcgugggaacacggggugcc..... 1
Gi1_3960083_x7.....ucgugggaacacggggAgccaacu..... 1

Gi2_10540431_x7.....acgucgugggaacGcggggugccgaac..... 1
 Gi2_10519809_x7...cUaucggagacgucgugggaaca..... 1
 Gi2_10529280_x7.....Ugucgugggaacacggggugccg..... 1
 Gi5_8526223_x7.....aacNcggggugccgaacu..... 1
 Gi2_10534250_x7.ugcgauccgagacgucgugggaacacggggugc..... 0
 Gi2_10523722_x7.....uAggaacacggggugccga..... 1
 Gi2_10520705_x7.....Acgugggaacacggggugccgaac..... 1
 Gi1_3963737_x7.....Cucgugggaacacggggugccgaacu..... 1
 Gi2_10499761_x7.....gugggaaUacggggugccg..... 1
 Gi5_8503095_x7.....cgucUugggaacacggggugccgaacu..... 1
 Gi5_8505076_x7.....ugggaacacggggugccgGac..... 1
 Gi2_10502757_x7.....ucgugggaacacggggGgccgaac..... 1
 Gi3_27393371_x7....aucggagacgucguggCaacacggg..... 1
 Gi2_10527509_x7.....cgugggCacacggggugcc..... 1
 Gi3_27440558_x7....aucggagacgucgugggaacacggAg..... 1
 Gi1_3958683_x7.....Ggugggaacacggggugccg..... 1
 Gi2_10500881_x7.....Ugagacgucgugggaacacggggugccgaacu..... 1
 Gi5_8504530_x7.....acgucgugggaacacggggguAccgaacu..... 1
 Gi2_10508931_x7.....gucgugggaacacgggAugccgaacu..... 1
 Gi2_10512284_x7.....cgucgugggaacacggggGgccgaac..... 1
 Gi3_27393399_x7.....acgucgugAgaacacggggugccgaac..... 1
 Gi5_8505762_x7.....Ugugggaacacggggugccgaac..... 1
 Gi3_27383137_x7.....cggagacgucgugggaacacggggCgcc..... 1
 Gi2_10525885_x7.....guUggaacacggggugccga..... 1
 G1a_5677165_x7.ugcgauccgagacgucgugggaac..... 0
 Gi3_27390298_x7....aucggagacgAcgugggaacacggg..... 1
 Gi3_27425781_x7....aucggagacgucgugggaaUacggggg..... 1
 Gi2_10516351_x7.....ucgugggaacacggggugUcgaac..... 1
 Gi5_8503242_x7....gGucggagacgucgugggaacacgg..... 1
 Gi3_27437142_x7.....cgucgugggaacacggggCgccgaa..... 1
 Gi2_10539549_x7.....cgucgugAgaacacggggugccg..... 1
 Gi2_10502162_x7.....ggUaacacggggugccgaa..... 1
 Gi5_8516402_x7....aucAgagacgucgugggaacacgg..... 1
 Gi5_8519174_x7.....aaNacggggugccgaacu..... 1
 Gi1_3971234_x7.....cgugggaacacgggAugccga..... 1
 Gi3_27403864_x7.....ugggaacacgCggugccgaacu..... 1
 Gi3_27384446_x7.....cAucgugggaacacggggugccg..... 1
 Gi3_27436050_x7....gaucggagacgucgCgggaacacggggg..... 1
 Gi2_10499880_x7.....cgucgCgggaacacggggugcc..... 1
 Gi4_527439_x7.....cUucgugggaacacggggugccga..... 1
 Gi2_10519718_x7.....cgugggUacacggggugccgaac..... 1
 Gi2_10518577_x7.....uUgugggaacacggggugccg..... 1
 Gi2_10527810_x7.....Ngugggaacacggggugccgaacu..... 1
 Gi2_10538674_x7.....gugggaacacggggugccAaa..... 1
 Gi2_10500685_x7.....ggaacacggggugAcgaac..... 1
 Gi5_8505440_x7.....aCacgucgugggaacacggggugccgaacu..... 1
 Gi1_3966390_x7.....ucgugggaacacggggguAccgaac..... 1

Gi3_27390368_x7.....ggagacgucgugggaaAacggggu..... 1
Gi2_10533165_x7.....cggagacgucgugggaacacggggugUc..... 1
Gi2_10517065_x7.....gCagacgucgugggaacacggggugcc..... 1
Gi2_10532906_x7.....acgucgugggaacacggggugcAgaacu..... 1
Gi3_27449665_x7.....cgugggaacacggggGgcc..... 1
Gi3_27396402_x7.....Ggacgucgugggaacacggggugcc..... 1
Gi1_3969442_x7.....cgugggCacacggggugccgaacu..... 1
Gi2_10526879_x7.....cgucgugggaacacggggugccgaUc..... 1
Gi2_10536518_x7.....acgucgugggaacacAgggugcc..... 1
Gi3_27395065_x7.....cgucgugggGacacggggugcc..... 1
Gi1_3971045_x7.....gugggaacacggCgugccgaacu..... 1
Gi2_10538695_x7.....ugggaacaNggggugccg..... 1
Gi5_8521645_x7.....gucgugggaacacggggugccAaacu..... 1
Gi2_10526865_x7.....uCggaacacggggugccg..... 1
Gi3_27428189_x7.....cgugggaCcacggggugcc..... 1
Gi3_27416289_x7.....gugggaGacggggugccgaac..... 1
Gi5_8527119_x7.....gugggaacacggggugUcgaac..... 1
Gi3_27432858_x7.....cgugggaacacggggugUcga..... 1
Gi2_10516505_x7.....cgucAugggaacacggggugc..... 1
Gi5_8514267_x7.....Ucucgugggaacacggggugccgaacu..... 1
Gi2_10522560_x7.....cggagacgucgCgggaacacggggugcc..... 1
Gi1_3965543_x7.....cgucAugggaacacggggugccgaacu..... 1
G1a_5687245_x7.....gugNgaacacggggugccgaacu..... 1
Gi2_10506719_x7.....ugggaacacggggugcGgaacu..... 1
Gi1_3970835_x7.....Uucgugggaacacggggug..... 1
Gi2_10526949_x7.....aucggagGcgucgugggaacacggggug..... 1
Gi3_27425354_x7.....agacgucgCgggaacacggggugccgaac..... 1
Gi3_27387057_x7.....agacgCcgugggaacacggggugccgaacu..... 1
Gi2_10516890_x7.....gugggaacacggggUcccgaacu..... 1
Gi3_27449301_x7.....cgucgugggaacacggggugccgC..... 1
Gi2_10530722_x7.....aGgucgugggaacacggggugc..... 1
Gi1_3965662_x7.....gggaacacggAgugccgaacu..... 1
Gi3_27455986_x7.....acgGcgugggaacacggggugccgaacu..... 1
Gi5_8514470_x7.....cgucgugggaaAacggggugccgaacu..... 1
Gi2_10500293_x7.....aucggagacgucgugggUa..... 1
Gi3_27387834_x7.....acguUgugggaacacggggugccgaacu..... 1
Gi1_3959327_x7.....gugggaacacggggugccgaacG..... 1
G1a_5678460_x7.....gugggaaAacggggugccgaacu..... 1
Gi1_3970450_x7.....ucgugggaacacggggUaccgaacu..... 1
Gi3_27431612_x7.....gggaacacAgggugccgaa..... 1
Gi5_8528533_x7.....ggaacacggggUcccgaacu..... 1
G1a_5677319_x7.....gugggaacacggggugccgaaUu..... 1
Gi3_27431955_x7.....Nugggaacacggggugccgaac..... 1
Gi2_10534600_x7.....gugggaacacggUgugccga..... 1
Gi3_27408351_x7.....gacgucgugggaacacggggGgccgaac..... 1
Gi3_27413391_x7.....cgucgugggaacacgggAugccgaacu..... 1
Gi1_3968847_x7.....ggUgacgucgugggaacacggggugcc..... 1

Gi5_8528022_x7.....	ggaacacggggugUcgaacu.....	1
Gi2_10520488_x7.....	ugggaacacggggugcUga.....	1
Gi3_27429743_x7.....	aucggagacgucgugggUacacg.....	1
Gi3_27449637_x7.....	aucggagacAucgugggaacacggggugcc.....	1
Gi3_27442357_x7.....	ugggaacacggggguAccgaa.....	1
Gi5_8518236_x7.....	gucgugggaacacggggugccgaaAu.....	1
Gi4_527103_x7.....	cgugggaacacggggugccgaac.....	0
Gi2_10507391_x7.....	aucggagacgucgugggaacacggggGg.....	1
Gi1_3969421_x7.....	ugggaGcacggggugccgaac.....	1
Gi3_27384950_x7.....	cgucguAggaacacggggugc.....	1
Gi1_3971794_x7.....	cgucguggNaacacggggugcc.....	1
Gi2_10505676_x7.....	cgugUgaacacggggugccga.....	1
Gi1_3965207_x7.....	uGgugggaacacggggugccgaac.....	1
Gi3_27417584_x7.....	cgucgCgggaacacggggugccg.....	1
Gi2_10518850_x7.....	agGcgucgugggaacacggggugc.....	1
Gi2_10534992_x7.....	cgugggaacaGggggugccgaacu.....	1
Gi3_27435511_x7.....	ggaaAacggggugccgaacu.....	1
Gi3_27419117_x7.....	gugNgaacacggggugccgaa.....	1
Gi3_27449630_x7.....	auUggagacgucgugggaacacggggugc.....	1
Gi2_10506481_x7.....	aucAgagacgucgugggaacacggggugc.....	1
Gi3_27383802_x7.....	gaucggagacgCcgugggaacacggg.....	1
Gi5_8528575_x7.....	ucgugggaaAacggggugccgaacu.....	1
Gi3_27439403_x7.....	aAcggagacgucgugggaacacgggg.....	1
Gi5_8515184_x7.....	Ugagacgucgugggaacacggggugccgaacu.....	1
Gi3_27430149_x7.....	cguUggaacacggggugccgaac.....	1
Gi3_27409380_x7.....	cGgagacgucgugggaacacggggugcc.....	1
Gi5_8506329_x7.....	ucgGgggaacacggggugccgaacu.....	1
Gi2_10518164_x7.....	gggaaAacggggugccgaacu.....	1
Gi2_10541061_x7.....	cUgagacgucgugggaaca.....	1
Gi2_10539171_x7.....	cguggCaacacggggugccgaacu.....	1
Gi2_10501546_x7.....	aucggagaUgucgugggaacacggggugc.....	1
Gi3_27392188_x7.....	ucgGgggaacacggggugccgaac.....	1
Gi2_10502323_x7.....	cgugggaacacAgggugcc.....	1
Gi2_10538821_x7.....	gaacUcggggugccgaacu.....	1
Gi3_27443911_x7.....	ugggaacacggggguAccga.....	1
Gi3_27393728_x7.....	gGcgucgugggaacacggggg.....	1
Gi2_10512683_x7.....	aucggUgacgucgugggaacacggggg.....	1
Gi1_3970863_x7.....	gugggaacacgUggugccgaacu.....	1
Gi1_3960020_x7.....	gGgacgucgugggaacacggggugcc.....	1
Gi2_10521510_x7.....	gUucggagacgucgugggaacac.....	1
Gi2_10536266_x7.....	gGcgucgugggaacacggggugccgaac.....	1
Gi5_8521302_x7.....	gaacacggggugccgaUc.....	1
Gi3_27444079_x7.....	gucgugggaacacggggugccgaaUu.....	1
G1a_5680959_x7.....	gGucggagacgucguggga.....	1
Gi3_27404816_x7.....	gCaacacggggugccgaa.....	1
Gi1_3959026_x7.....	ugggaacacgggCugccgaacu.....	1
G1a_5698571_x7.....	Gcggagacgucgugggaacacggg.....	1

Gi1_3964878_x7.....ucgugggaacacggggCgccgaac.....	1
Gi5_8523521_x7.....aacacggggugAcgaacu.....	1
Gi2_10507020_x7.....Agugggaacacggggugcc.....	1
Gi5_8515611_x7.....gacgucgugggaGcacggggugccgaacu.....	1
Gi2_10533564_x7.....cgugUgaacacggggugc.....	1
Gi5_8518502_x7.....gugggaacacggggugccgaCc.....	1
Gi1_3965557_x7.....gugggaacacggggugccgaUc.....	1
Gi1_3972116_x7.....aUacgucgugggaacacggggugcc.....	1
Gi2_10519774_x7.....ggGgacgucgugggaacacggggugccgaac.....	1
Gi2_10533333_x7.....Ggacgucgugggaacacggggug.....	1
Gi2_10499824_x7.....acgucgugggaacGcggggugccgaacu.....	1
Gi5_8512349_x7.....gGgggaacacggggugccgaacuuu.....	1
Gi1a_5701105_x7.....ucggagacgucgugggaacacggggugcc.....	0
Gi2_10523435_x7.....aacaAggggugccgaacu.....	1
Gi3_27378468_x7.....ucggagacgucgugggaacacggggugccgaacu.....	0
Gi3_27425382_x7.....agacgucgugggaacacggggugAccgaac.....	1
Gi5_8510760_x7.....acgucgugggaacacggggugccAaac.....	1
Gi3_27454187_x7.....gggaacacggggugccAaa.....	1
Gi2_10505228_x7.....aCcgagacgucgugggaaca.....	1
Gi3_27399517_x7.....aucggagGcgucgugggaacac.....	1
Gi5_8524011_x7.....aacacgggUugccgaacu.....	1
Gi2_10530890_x7.....gggaacUcggggugccgaacu.....	1
Gi1_3958389_x7.....cCucgugggaacacggggugccgaacu.....	1
Gi3_27449868_x7.....cgucgugggaacacggggugccAaac.....	1
Gi2_10530610_x7.....gucgugggCacacggggugccgaacu.....	1
Gi2_10502316_x7.....gggaacacggggugcUgaac.....	1
Gi3_27404844_x7.....gugggaacacggggugCccgaac.....	1
Gi3_27381086_x7.....agacgucgugggaGcacggg.....	1
Gi3_27448783_x7.....aucggagacgucgugggaacacggggGgcc.....	1
Gi2_10515490_x7.....gcgaucggGgacgucgugggaacacggggugc.....	1
Gi3_27393378_x7.....cggagacgCcgugggaacacggggugcc.....	1
Gi3_27405110_x7.....ugggaacacgUggugccga.....	1
Gi1_3962764_x7.....ugggaacacgggAugccgaacu.....	1
Gi5_8530598_x7.....uggCaacacggggugccgaacu.....	1
Gi3_27400021_x7.....aucggagacgucUugggaacacg.....	1
Gi3_27437604_x7.....ggaacacggggugccUaacu.....	1
Gi3_27397697_x7.....aucAgagacgucgugggaacacggggugcc.....	1
Gi3_27421420_x7.....ucggagacgucgugggaGcacggggg.....	1
Gi3_27412271_x7.....cgucgugggaaAacggggugccgaacu.....	1
Gi5_8524004_x7.....ugggaacacggggugccgaGc.....	1
Gi2_10531296_x7.....gugAgaacacggggugccgaa.....	1
Gi2_10539871_x7.....uggAaacacggggugccgaac.....	1
Gi2_10510744_x7.uUcgauccgagacgucguggga.....	1
Gi3_27443484_x7.....gugggaacaAggggugccgaa.....	1
Gi3_27441741_x7.....Ugugggaacacggggugccg.....	1
Gi4_529119_x7.....Uugggaacacggggugccgaac.....	1
Gi2_10511304_x7.....gucgugggaaUacggggugccgaacu.....	1

Gi2_10537743_x7.....aucggagacgCcgugggaacacg..... 1
Gi2_10517562_x7.....gUagacgucgugggaacacggggu..... 1
Gi3_27407357_x7.....gggaCcacggggugccgaac..... 1
Gi4_526830_x7.....Augggaacacggggugccgaacu..... 1
Gi3_27409590_x7.....cgugggaacacggAgugccgaa..... 1
Gi5_8513462_x7.....gggaacacggggGgccgaac..... 1
Gi5_8515023_x7.....cgucAugggaacacggggugccgaacu..... 1
Gi3_27386770_x7.....ucggGgacgucgugggaacac..... 1
Gi3_27395513_x7.....cggagacgucgCgggaacacggggugcc..... 1
Gi2_10514041_x7.....cgugggaacacgUggugc..... 1
G1a_5691361_x7..Ucgaucggagacgucgug..... 1
Gi2_10499796_x7.....cgAcgugggaacacggggugccga..... 1
Gi3_27425578_x7.....aucggagacgAcgugggaacacgg..... 1
G1a_5695925_x7.....gugggaacNcggggugcc..... 1
Gi2_10519914_x7.....gucgugggaGcacggggugccgaac..... 1
Gi2_10537918_x7.....cgugggaacacggggugccUaacu..... 1
G1a_5678145_x7.....gggaacGcggggugccgaacu..... 1
Gi5_8521442_x7.....agGcgucgugggaacacggggugccgaacu..... 1
Gi3_27390291_x7.....gacgucgugggaacacAgggugccgaacu..... 1
Gi3_27441475_x7.....cgucgugggaacacgggAugcc..... 1
Gi5_8549215_x6.....acgucgugggaacacggggugccgaaAu..... 1
Gi2_10577987_x6.....ugggaacacggAgugccga..... 1
G1a_5722708_x6.....ugggaacacgAggugccgaacu..... 1
Gi3_27543226_x6.....cgugggaacacgUggugccg..... 1
Gi5_8534191_x6.....aucggagacgucgugggaGcacgg..... 1
Gi1_3987793_x6.....aucggagacgucgugggaacacgggU..... 1
Gi5_8534755_x6.....gAaacacggggugccgaac..... 1
Gi1_3976885_x6.....gaacCcggggugccgaacu..... 1
Gi3_27487378_x6.....acgucgugggaacacggggugUcgaacu..... 1
Gi3_27502330_x6.....agacgucguAggaacacggggugccgaac..... 1
Gi3_27527578_x6.....ucgugggaacacggggugccA..... 1
Gi5_8550385_x6.....gggaacacggggugccgUacu..... 1
Gi3_27521188_x6.....agacgucgNgggaacacggggugcc..... 1
Gi3_27477928_x6.....cgugggaacacggggugGcgaac..... 1
Gi4_530199_x6.....ugggaacacggggugccgCacu..... 1
Gi5_8532733_x6.....ugggaacacggggCgccgaa..... 1
Gi2_10554539_x6.....Cucgugggaacacggggugccgaac..... 1
Gi3_27544960_x6.....cgucgugggaacacggggugccgaCc..... 1
Gi2_10589231_x6.....gacgucgugggaacacggggGgcc..... 1
Gi1_3988375_x6.....ugggaacacggggugcGgaacu..... 1
Gi2_10573655_x6.....cgugggaacacggAgugcc..... 1
Gi2_10570403_x6.....agacgucgugggaacacggggCgccgaacu..... 1
Gi5_8562625_x6.....cgugUgaacacggggugccgaac..... 1
Gi3_27494404_x6.....ggaCcacggggugccgaac..... 1
Gi3_27531334_x6.....ucgugggaacacgAggugccgaac..... 1
Gi5_8549365_x6.....aGcggagacgucgugggaacacgggg..... 1
Gi2_10569881_x6.....cgugggaCcacggggugcc..... 1

Gi2_10563743_x6...gaucUgagacgucgugggaacacggggu..... 1
Gi3_27459772_x6...aucggagacAucgugggaacacggg..... 1
Gi3_27496444_x6...gaucUgagacgucgugggaacacggg..... 1
Gi3_27493588_x6...aucggagacgucgugggG..... 1
Gi2_10585547_x6...agacgucgugggaacacggggugAc..... 1
Gi1_3975655_x6...aucggGgacgucgugggaaca..... 1
Gi2_10559723_x6...ggagacgucguAggaacacggggugcc..... 1
Gi3_27466534_x6...Ugucgugggaacacggggugccga..... 1
Gi2_10576025_x6...aucggagacAucgugggaacac..... 1
G1a_5704018_x6...ggGacacggggugccgaacu..... 1
Gi5_8538421_x6...ugggaaUacggggugccgaac..... 1
Gi3_27548320_x6...ggaacaAggggugccgaac..... 1
Gi2_10566401_x6...cgucgugggaacacggggCgc..... 1
Gi5_8547301_x6...acgucgugggaacacgAggugccgaacu..... 1
Gi3_27477304_x6...aucggagacgucgugggUacacggggugcc..... 1
Gi1_3986305_x6...gugggaacacggggGgccgaacu..... 1
Gi3_27481024_x6...ggaacacgggCugccgaacu..... 1
Gi4_533289_x6...ugggaacacggggugccgaacA..... 1
Gi3_27481510_x6...ggCacacggggugccgaacu..... 1
Gi3_27499300_x6...aAcggagacgucgugggaacacggggugcc..... 1
Gi5_8542339_x6...agacgAcgugggaacacggggugcc..... 1
Gi5_8553313_x6...gugggaacCggggugccgaa..... 1
G1a_5711182_x6...gaucggagacgucgugggaacacgggAugcc..... 1
Gi3_27499600_x6...gucguggAaacacggggugccgaac..... 1
Gi3_27520438_x6...aucggagacgucgugAgaacac..... 1
Gi5_8548825_x6...gggaacacCgggugccgaacu..... 1
Gi2_10581263_x6...ucgugggaacacggggCgccg..... 1
Gi1_3991477_x6...ucgugggUacacggggugccgaacu..... 1
Gi5_8559457_x6...cgucgugggaacacgggAugccgaacu..... 1
Gi2_10561979_x6...Gggagacgucgugggaacacggggu..... 1
Gi2_10572743_x6...gugggaacacggAgugccga..... 1
Gi5_8548369_x6...cgugggaacacUgggugccgaacu..... 1
Gi2_10553333_x6...ggUgacgucgugggaacacggggug..... 1
Gi3_27542920_x6...gaucggagNcgucgugggaacacg..... 1
Gi5_8550493_x6...Aacgucgugggaacacggggugccgaacu..... 1
Gi2_10568813_x6...aucggaAacgucgugggaaca..... 1
Gi3_27535420_x6...cggGgacgucgugggaacacggggugcc..... 1
Gi3_27526510_x6...gGcgugggaacacggggugccg..... 1
Gi5_8547415_x6...acgucgugggaacacggAgugccgaacu..... 1
Gi3_27528220_x6...ggagacgucgugggaGcacggggu..... 1
G1a_5707444_x6...Cggaacacggggugccgaa..... 1
Gi3_27511516_x6...gaGcggagacgucgugggaacacggg..... 1
Gi3_27507490_x6...aucggagUcgucgugggaacacg..... 1
Gi3_27487342_x6...aucggagacgucgugggaacacgC..... 1
Gi2_10582583_x6...gaacCggggugccgaacu..... 1
Gi3_27471448_x6...gaucggagacgucgugggGacac..... 1
Gi3_27527092_x6...aucggUgacgucgugggaacacg..... 1

Gi3_27485512_x6.....ucgugggaacacggggCgc.....	1
Gi3_27546226_x6...gaucggagacgucgugggCacacgg.....	1
Gi2_10567985_x6...gaucggagacgucAugggaacacggg.....	1
Gi3_27460522_x6...aucggagacgucguggggaacacAggg.....	1
Gi3_27462742_x6...gaucggagacgucgugggGcacgggg.....	1
Gi2_10579841_x6...aucAgagacgucguggggaacac.....	1
Gi3_27493072_x6.....Agagacgucguggggaacacggggg.....	1
Gi3_27518074_x6.....acgucgGgggaacacggggugccgaacu.....	1
Gi3_27486640_x6.....ucgugggaacacggggugUcgaac.....	1
Gi1_3991435_x6.....ucgugggaacacggUgugccgaacu.....	1
Gi2_10588295_x6.....gucgugggNacacggggugccga.....	1
Gi1_3974401_x6.....gacgCcguggggaacacggggugccgaac.....	1
Gi3_27542440_x6...aucggagacgucgGggaacacgg.....	1
Gi3_27506260_x6.....cgucgGgggaacacggggugccgaacu.....	1
Gl1_5727166_x6..cgaucggagacgucguggggaacacggggugcc.....	0
Gi3_27461278_x6.....gugNgaacacggggugccga.....	1
Gi3_27517396_x6...gaucggagacgucguggggaacGcggg.....	1
Gi2_10569377_x6.....cgucgugggaaAacggggugccgaacu.....	1
Gi2_10590413_x6.....cgucguggggaacacggggGgccga.....	1
Gi2_10561121_x6.....ugggaacacggggugcAga.....	1
Gl1_5707936_x6.....agacgucguggggaacacggggugccgaacu.....	0
Gi2_10579637_x6.....gaUcacggggugccgaac.....	1
Gi3_27478432_x6...gaucggagacgucguggggaacCcg.....	1
Gi3_27473710_x6.....Ggacgucguggggaacacggg.....	1
Gi3_27542158_x6.....uGggagacgucguggggaacacgggg.....	1
Gi3_27538636_x6.....cguggggaacacggggugcA.....	1
Gi2_10576529_x6...aucggagacgucguggggaacGcggg.....	1
Gl1_5722474_x6.....guggggaacacgggAugccgaacu.....	1
Gi2_10558073_x6.....guggggaacacggggugcAga.....	1
Gi1_3974473_x6.....gugNgaacacggggugccgaacu.....	1
Gi3_27499330_x6.....cgucguggggaCcacggggugccg.....	1
Gi3_27542104_x6.....cguggggaacacggggGgccga.....	1
Gi3_27493522_x6...agUcgucguggggaacacggggugcc.....	1
Gi2_10549661_x6.....aacacggggugccgaacG.....	1
Gi3_27479794_x6.....cgugggCacacggggugc.....	1
Gi3_27498754_x6...agGcgucguggggaacacggggugccgaac.....	1
Gi2_10576883_x6.....Ucgucguggggaacacggggugccgaacu.....	1
Gi2_10566743_x6.....ggagGcgucguggggaacacggggugc.....	1
Gi3_27465472_x6...aucggagCcgucguggggaacacggggugcc.....	1
Gi2_10558253_x6...gaucggagacgCcguggggaacac.....	1
Gi2_10570781_x6.....ucUggggaacacggggugccgaac.....	1
Gi2_10560017_x6.....ucgugggaacacggggugccAaac.....	1
Gi2_10541927_x6.....ucguAggaacacggggugccgaac.....	1
Gi2_10550303_x6...gGucggagacgucguggggaacacggggugc.....	1
Gi2_10546451_x6.....cAucguggggaacacggggugcc.....	1
Gi3_27490438_x6.....ugggaacacggggAgccga.....	1
Gi2_10574801_x6...Gucggagacgucgugggga.....	1

Gi2_10586807_x6.....gucgugggaacacggggCgccgaac..... 1
Gi2_10565039_x6.....aacUcggggugccgaacu..... 1
Gi2_10575371_x6.....gacgucgugggaacacggggugccgCacu..... 1
Gi5_8552347_x6.....cguAggaacacggggugccgaac..... 1
Gi2_10582385_x6.....Ggggaacacggggugccgaacu..... 1
Gi1_3989227_x6.....gUagacgucgugggaacacggggugccgaacu..... 1
Gi2_10572653_x6.....cgugggaacCggggugcc..... 1
Gi5_8557087_x6.....ggaGcacggggugccgaac..... 1
Gi2_10579931_x6.....aucggagacgucgugggaacCc..... 1
Gi3_27473122_x6.....aucggagacgucgCgggaacacgggg..... 1
Gi5_8539555_x6.....ggaacacggggGgccgaac..... 1
Gi2_10564283_x6.....gaacacggggugccgaGc..... 1
Gi2_10578701_x6.....Agucgugggaacacggggugccgaacu..... 1
Gi4_529941_x6.....gugggaacNcggggugccgaacu..... 1
Gi5_8538787_x6.....aUacgucgugggaacacggggugc..... 1
Gi5_8553199_x6.....cgucgugggaacacggggGgc..... 1
Gi3_27458458_x6.....aucAgagacgucgugggaacac..... 1
Gi2_10585091_x6.....Ggacgucgugggaacacggggugccg..... 1
Gi2_10588511_x6.....aGcggagacgucgugggaacacgg..... 1
Gi3_27491578_x6.....ucgugggaNcacggggugccgaa..... 1
Gi3_27527860_x6.....ggaacacgCggugccgaacu..... 1
Gi1_3992575_x6.....Cgaacacggggugccgaac..... 1
Gi5_8554033_x6.....Ggucgugggaacacggggugccgaac..... 1
Gi2_10580081_x6.....gucgugggaacacggggugcAgaacu..... 1
Gi3_27510364_x6.....cgucgugggaacacggggG..... 1
Gi5_8545657_x6.....ucgugggaacacggggugccgUacu..... 1
Gi1_3984439_x6.....ucguggAaacacggggugccgaacu..... 1
Gi5_8551723_x6.....gugggaacacggggugccgaaGu..... 1
Gi1_3988213_x6.....Ggugggaacacggggugccgaac..... 1
Gi1_3985315_x6.....gaacUcggggugccgaacu..... 1
Gi5_8531173_x6.....gugggaacacggAgugccgaac..... 1
Gi3_27480340_x6.....cguggCaacacggggugccgaac..... 1
Gi3_27530728_x6.....uAgugggaacacggggugccgaacu..... 1
Gi2_10559363_x6.....gaucggagacgucgugggaGcacgggg..... 1
Gi3_27471124_x6.....aucggagacgucguAggaacacggggugcc..... 1
Gi5_8543407_x6.....gAgggaacacggggugccgaa..... 1
Gi2_10580135_x6.....cggagacgucgugggaacacggggAgcc..... 1
Gi3_27471334_x6.....gggaacacgUggugccgaac..... 1
Gi3_27493138_x6.....Ccgagacgucgugggaacacggg..... 1
Gi3_27487762_x6.....gaucggagacgucgugggaAacgggg..... 1
Gi2_10556561_x6.....ugggaGcacggggugccg..... 1
Gi2_10564181_x6.....cgucgCgggaacacggggugccg..... 1
Gi2_10567565_x6.....ugggaGcacggggugccgaa..... 1
Gi5_8558239_x6.....aucggagacgucgugggaCcacg..... 1
Gi2_10559513_x6.....aucggagacgucgugggaacacggggAcc..... 1
Gi5_8537095_x6.....aUacgucgugggaacacggggugcc..... 1
Gla_5712406_x6.....ugggaacacggggugccgGacu..... 1

Gi3_27542656_x6.....ucggagacgucgugggaacCcg..... 1
Gi1_3980623_x6.....cgugggaacacgAggugccgaacu..... 1
Gi3_27535750_x6.....ugggaacacggggugUcg..... 1
Gi5_8546353_x6.....Caacacggggugccgaac..... 1
Gi1_3979669_x6.....gucgugggaacacAgggugccgaacu..... 1
Gi3_27512296_x6.....cAugggaacacggggugccg..... 1
Gi5_8541655_x6.....gugggaacacggggugccgaaA..... 1
Gi2_10575983_x6.....ugggaacacggggugcUGaac..... 1
Gi1_3990775_x6.....ucgugggaGcacggggugccgaac..... 1
Gi3_27507244_x6.....Aaucggagacgucgugggaacacg..... 1
Gi2_10576733_x6.....cggagacgucgugggaacacggggguAcc..... 1
Gi3_27477076_x6.....Agucgugggaacacggggugcc..... 1
Gi5_8550733_x6.....cUugggaacacggggugccgaacu..... 1
Gi2_10568429_x6.....agGcgucgugggaacacggggugccgaacu..... 1
Gi3_27527416_x6.....ucguggAaacacggggugccgaac..... 1
Gi3_27499444_x6.....agacgucgCgggaacacggggugccgaacu..... 1
Gi2_10584671_x6.....ggaacacggggugAcgaacu..... 1
Gi2_10571615_x6.....ucguCggaacacggggugccgaacu..... 1
Gi3_27524794_x6.....cUgagacgucgugggaacacggggug..... 1
Gi3_27496828_x6.....ugggaacacgggAugccga..... 1
Gi2_10575809_x6.....gaucggagGcgucgugggaacacggg..... 1
G1a_5708002_x6.....aaUacggggugccgaacu..... 1
Gi2_10570871_x6.....Aaucggagacgucgugggaacacggggugc..... 1
Gi1_3976327_x6.....ggaaGacggggugccgaacu..... 1
G1a_5731456_x6.....gugggaacacggggugccgaGc..... 1
Gi2_10578527_x6.....Uucggagacgucgugggaacacggggugc..... 1
Gi5_8535733_x6.....Gucggagacgucgugggaacacggg..... 1
Gi2_10552091_x6.....gaucggagNcgucgugggaaca..... 1
Gi3_27510220_x6.....aucggagacgucgugggaaAacgg..... 1
Gi2_10565819_x6.....ugggaacaUggggugccgaac..... 1
Gi2_10579721_x6.....cgucgugggaacacggggAgccgaacu..... 1
Gi1_3983515_x6.....ggaacGcggggugccgaac..... 1
Gi5_8532787_x6.....acgucgugggaacaUggggugccgaacu..... 1
Gi3_27487468_x6.....aacacgCggugccgaacu..... 1
Gi3_27487738_x6.....ugggaacacgggCugccgaac..... 1
Gi5_8546407_x6.....cgugggaacacggggugccgaaGu..... 1
Gi2_10545911_x6.....ugggGacacggggugccgaa..... 1
Gi5_8547457_x6cugcgauccgagacgucgugggaacacgggg..... 0
Gi3_27500578_x6.....ugggaacCcgggugccga..... 1
Gi2_10563983_x6.....aucggagacgucgCgggaacac..... 1
Gi3_27494734_x6.....gGcgugggaacacgggg..... 1
Gi3_27493432_x6.....gacguUgugggaacacggggugccgaacu..... 1
Gi3_27498388_x6.....gUagacgucgugggaacacgggg..... 1
Gi2_10579025_x6.....aucggagacgucguggGac..... 1
Gi2_10564235_x6.....aAcggagacgucgugggaacacggg..... 1
Gi2_10561175_x6.....aacacggggugccgaaGu..... 1
Gi5_8560801_x6.....Gcgucgugggaacacggggugccgaac..... 1

Gi5_8552209_x6.....Gucggagacgucgugggaacacgggg.....	1
Gi2_10564613_x6.....Gcggagacgucgugggaacacggggu.....	1
Gi2_10569095_x6.....gucgugggGacacggggugcc.....	1
Gi5_8558005_x6.....gucgugggaacacggAgugccgaacu.....	1
Gi4_531369_x6.....cgugggaacacggggugccgaaAu.....	1
Gi2_10570421_x6.....guggAaacacggggugccgaa.....	1
Gi3_27462334_x6.....cgAcgugggaacacggggugc.....	1
Gi5_8552443_x6.....gugggaacacggggGgccgaa.....	1
Gi2_10554305_x6.....Uagacgucgugggaacacggggugccgaac.....	1
Gi3_27467758_x6.....gucgugggaacCcggggugccga.....	1
Gi3_27484510_x6.....gugggaacacggggugccCa.....	1
Gi2_10563761_x6.....cgucgugggaacGcggggugccga.....	1
Gi2_10561811_x6.....aucggagacgucgCgggaacacggggugcc.....	1
Gi5_8548681_x6.....cgugggaacacggggugccgaa.....	0
Gi2_10545173_x6.....cAucgugggaacacggggugccg.....	1
Gi3_27523498_x6.....gacgucgugggaGcacggggu.....	1
Gi2_10582967_x6.....ggagacgucgugggaacacAgggugcc.....	1
Gi3_27497632_x6.....gUucggagacgucgugggaacacg.....	1
Gi2_10557551_x6.....gucgugggaacacggggguAccgaacu.....	1
Gi5_8534389_x6.....Uagacgucgugggaacacggggugccgaac.....	1
Gi2_10579325_x6.....gggaacacggggguAccgaac.....	1
Gl1_5724346_x6.....aucggagacgucgugggaacCcggg.....	1
Gi1_3977089_x6.....acgucgugggaacCcggggugccgaacu.....	1
Gi3_27544822_x6.....aucggagacgucgugggaacacgAggu.....	1
Gi5_8537767_x6.....cgCgggaacacggggugccgaac.....	1
Gi2_10583591_x6.....Aacgucgugggaacacggggugccgaacu.....	1
Gi2_10567859_x6.....Aaucggagacgucguggga.....	1
Gi2_10564715_x6.....aucGUagacgucgugggaaca.....	1
Gi5_8541745_x6.....cgugAgaacacggggugccgaac.....	1
Gi2_10583351_x6.....gucgugggaacacgAggugccgaacu.....	1
Gi5_8556115_x6.....gaacacgUggugccgaacu.....	1
Gi2_10546925_x6.....gGcucgugggaacacggggugccg.....	1
Gi2_10546391_x6.....gugggaacaAggggugccgaac.....	1
Gi2_10580105_x6.....Caucggagacgucgugggaacac.....	1
Gi2_10547999_x6.....gaucggagacgCcgugggaacacggggu.....	1
Gi3_27540184_x6.....cgugAgaacacggggugccga.....	1
Gi2_10571057_x6.....gugggaacacggggugUcg.....	1
Gi2_10541627_x6.....gggNacacggggugccgaacu.....	1
Gi2_10576919_x6.....gugUgaacacggggugccgaac.....	1
Gi2_10543289_x6.....gggaUcacggggugccgaacu.....	1
Gl1_5719312_x6.....cgugggaaNacggggugcc.....	1
Gi3_27496432_x6.....gaucggagacgucAugggaacacggggu.....	1
Gl1_5723032_x6.....gugggaacacgUggugccgaacu.....	1
Gi2_10553915_x6.....cgucgugggaGcacggggugccga.....	1
Gi3_27497932_x6.....aucggagacgucgugggaUacgg.....	1
Gl1_5727262_x6.uUcgaucggagacgucgug.....	1
Gi3_27522604_x6.....ugggaacacUgggugccgaac.....	1

Gi1_3992929_x6.....gucgugggGacacggggugccgaacu..... 1
Gi2_10571087_x6.....gugggaacacggggugcAg..... 1
Gi2_10562627_x6.....uGggagacgucgugggaaca..... 1
Gi3_27544666_x6.....gaucggGgacgucgugggaacacggggg..... 1
Gi2_10584983_x6.....Gcgugggaacacggggugccgaa..... 1
Gi2_10571309_x6.....gaucggagGcgucgugggaacacggggg..... 1
Gi5_8556715_x6.....gaacacgggggUcccgaacu..... 1
Gi1_3977047_x6.....ggaacacggggugccgaacAu..... 1
Gi2_10567139_x6.....gugAgaacacggggugccga..... 1
Gi5_8560105_x6.....ggaacGcggggugccgaac..... 1
Gi5_8532505_x6.....guCggaacacggggugccgaacu..... 1
Gi5_8533471_x6.....gggaacacUgggugccgaacu..... 1
Gi2_10571207_x6.....agacUucgugggaacacggggugcc..... 1
Gi2_10584323_x6.....gaucggagNcgucgugggaacacggg..... 1
Gi5_8561431_x6.....acguUgugggaacacggggugccgaacu..... 1
Gi1_3989461_x6.....acgucgugggaacacAgggugccgaacu..... 1
Gi3_27475672_x6.....agacgucgNgggaacacggggugccgaac..... 1
Gi3_27517918_x6.....gacgucgCgggaacacggggugccgaacu..... 1
Gi1_3981103_x6.....cgugggaacacggggugccgaaAu..... 1
Gi3_27504250_x6.....ugggaacCcggggugccg..... 1
Gi2_10571339_x6.....aucggGgacgucgugggaacacggggugccga..... 1
Gi3_27470710_x6.....agacgucgugggaacGcggggugccgaac..... 1
Gi2_10578095_x6.....cUaucggagacgucgugggaacacggggug..... 1
Gi1_3980233_x6.....ggGacacggggugccgaac..... 1
Gi5_8540611_x6.....cUgagacgucgugggaacacgg..... 1
Gi5_8555041_x6.....gugggaacGcggggugccga..... 1
G1a_5727964_x6.....aacacggggugccgaGcu..... 1
Gi2_10544357_x6.....gaucggagacgucgugggaGcac..... 1
G1a_5713036_x6.....gugggaacacggggugGcgaacu..... 1
Gi5_8558023_x6.....agacgucgugggaGcacggggugccgaacu..... 1
Gi2_10572647_x6.Ggcgaucggagacgucgugggaaca..... 1
Gi2_10582457_x6.....gaucggagacgucgugggCacacggggugc..... 1
Gi3_27540322_x6.....ucgugggaacacggggGgc..... 1
Gi5_8553649_x6.....acgucgugNgaacacggggugccgaac..... 1
Gi3_27534934_x6.....cgucgugggaacCcggggugccgaac..... 1
Gi5_8550457_x6.....aucggagacgucgugggaacacggggC..... 1
Gi5_8533993_x6.....acgucgugggaacacggggugccgaaUu..... 1
Gi2_10563215_x6.....ugggaacacggggGgccga..... 1
Gi2_10550141_x6.....cUaucggagacgucgugggaacacggggugc..... 1
Gi2_10555181_x6.....ggaacacggggugccgaacG..... 1
G1a_5717860_x6.....cguggAaacacggggugccgaacu..... 1
Gi3_27514318_x6.....guUgugggaacacggggugccga..... 1
Gi3_27459520_x6.....Ggaucggagacgucgugggaacacg..... 1
Gi2_10545527_x6.....aucggagacgucgugggGacacggggug..... 1
Gi1_3986707_x6.....ucgugggaacacggggugccgCac..... 1
Gi3_27503422_x6.....aacacggggugGcgaacu..... 1
Gi5_8562745_x6.....uGggagacgucgugggaacacg..... 1

Gi2_10556903_x6.....gggaacacNggggugccgaa..... 1
Gi2_10554503_x6.....ugggaacacggggugUcga..... 1
Gi5_8546665_x6.....Augggaacacggggugccg..... 1
Gi5_8545693_x6.....Cugggaacacggggugccgaa..... 1
Gi2_10580999_x6.....acgucgugggaacacggggugccgGacu..... 1
Gi5_8554939_x6.....gAcgugggaacacggggugccgaaacu..... 1
Gi2_10561931_x6.....aucggagacgucgugggaacCcggggugcc..... 1
Gi2_10559639_x6.....acgucgugggaacCcggggugcc..... 1
Gi3_27485446_x6.....cguAggaacacggggugccg..... 1
G1a_5711662_x6.....ugggaacCcggggugccgaaacu..... 1
Gi2_10561415_x6.....gacgucgugggaGcacggggugcc..... 1
Gi3_27491392_x6.....ugggaacaAggggugccgaaac..... 1
Gi2_10552991_x6.....cgucgugggaCcacggggugccgaaacu..... 1
Gi3_27511954_x6.....ugggUacacggggugccgaa..... 1
Gi3_27529570_x6.....cgucgugAgaacacggggugcc..... 1
Gi1_3977773_x6.....gggaacacggggugccgaaAu..... 1
Gi2_10557239_x6.....ucgugggaaAacggggugccgaaacu..... 1
Gi5_8535871_x6.....gugggaacacCgggugccgaaacu..... 1
Gi5_8547823_x6.....gugggaacacggggguAccgaaac..... 1
G1a_5706094_x6.....ugggaacacgggUugccgaaacu..... 1
Gi3_27517822_x6.....ucgugggaacacUgggugccgaaac..... 1
Gi3_27548944_x6.....ugggaacacgggUugccg..... 1
Gi3_27471202_x6.....cgucgugggUacacggggugccgaaac..... 1
Gi1_3981397_x6.....Ugucgugggaacacggggugccgaaacu..... 1
Gi2_10573589_x6.....aGcggagacgucgugggaacacgggg..... 1
Gi5_8551477_x6.....gaacacggCgugccgaaacu..... 1
Gi1_3974755_x6.....cUgagacgucgugggaacacggg..... 1
Gi4_530301_x6.....aucggagacgucgugggaacacggg..... 0
Gi3_27490324_x6.....Aucgugggaacacggggugcc..... 1
Gi2_10564637_x6.....ugggaaUacggggugccgaaac..... 1
Gi2_10568093_x6.....cgucgCgggaacacggggugc..... 1
Gi2_10562999_x6.....cgucgugggaacacggAgugccg..... 1
Gi3_27537508_x6.....cgugggaacacgggAugccga..... 1
G1a_5721892_x6.....cgugggaacacggggugUcgaacu..... 1
Gi1_3977677_x6.....ugggaacacAgggugccgaaacu..... 1
Gi2_10561379_x6.....cguCggaacacggggugccgaaacu..... 1
Gi2_10574519_x6.....gucgugggaacCcggggugcc..... 1
Gi3_27465184_x6.....aAacgucgugggaacacggggugccgaaacu..... 1
Gi3_27466288_x6.....gggaaGacggggugccgaaacu..... 1
Gi5_8540473_x6.ugcgaucgNagacgucgug..... 1
Gi3_27520012_x6.....gggaacacggggguAccgaa..... 1
Gi2_10574543_x6.....gugggaacaUggggugccgaa..... 1
Gi2_10551251_x6.....gaucggagacgucgugggaacaA..... 1
Gi3_27500524_x6.....ugggaacacggggguCccgaaacu..... 1
Gi3_27538000_x6.....aucggagacgucgugggaacaUgg..... 1
Gi1_3991903_x6.....Gucggagacgucgugggaacacgggggu..... 1
Gi2_10551683_x6.....cgucgugggGacacggggugcc..... 1

Gi3_27495946_x6.....ugggUacacggggugccga..... 1
 Gi3_27491014_x6.....cggagacgucgugggGacacg..... 1
 Gi3_27462730_x6.....ggagacgucgugggaacacggggugccA..... 1
 Gi1_3992011_x6.....cUgagacgucgugggaacacggggg..... 1
 Gi4_532059_x6.....gugggaacacggggugccgCacu..... 1
 Gi5_8541691_x6.....Agugggaacacggggugccgaac..... 1
 Gi3_27499240_x6.....Uucggagacgucgugggaacacgg..... 1
 Gi5_8549617_x6.....gugCgaacacggggugccgaacu..... 1
 Gi3_27480568_x6.....ggagacgucgugggaacacggggCgcc..... 1
 Gi3_27481096_x6.....guCggaacacggggugccgaac..... 1
 G1a_5723602_x6.....gugggaGcacggggugccgaac..... 1
 Gi3_27518986_x6.....cggagacgucgugggaacCcg..... 1
 Gi5_8545945_x6.....ugggaacaNggggugccgaa..... 1
 Gi2_10562321_x6.....ugggaacacggggugccUaacu..... 1
 Gi5_8559787_x6.....acgucgugggaacacggggugcUgaacu..... 1
 Gi4_530697_x6.....gugggaacacggggugccga..... 0
 Gi2_10582049_x6.....ucgugggaacacggggugccgaacG..... 1
 Gi5_8559145_x6.....cUucgugggaacacggggugcc..... 1
 Gi2_10553639_x6.....cggagacAucgugggaacacggggugcc..... 1
 Gi2_10553837_x6.....gucgugggaacaUggggugccgaacu..... 1
 Gi5_8534803_x6.....ugggaacacggggugccgaUc..... 1
 Gi3_27512758_x6.....cgucgugggaacCcggggugc..... 1
 Gi2_10580141_x6.....ggaacacggggugccgUac..... 1
 G1a_5729320_x6.....Uggaacacggggugccgaac..... 1
 Gi3_27487138_x6.....gaacacggggAgccgaac..... 1
 Gi3_27547912_x6.....gaacacggggugcAgaac..... 1
 Gi1_3981643_x6.....cggagacgucgCggaacacggggugccgaacu..... 1
 Gi3_27517228_x6.....cggagacgucgugggaaAacgggg..... 1
 Gi3_27474820_x6.....ugggaaGacggggugccgaacu..... 1
 Gi3_27523294_x6.....gaucggagacgucgugggaacGcg..... 1
 Gi2_10549859_x6.....gugggUacacggggugccga..... 1
 Gi2_10554899_x6.....ucgugggaaUacggggugccgaacu..... 1
 Gi3_27549022_x6.....gggaacacggggugcUgaa..... 1
 Gi2_10569065_x6.....aucggagacgucguAggaacacggggugc..... 1
 Gi1_3979159_x6.....ucgugggaacCcggggugcc..... 1
 Gi2_10579163_x6.....Ugugggaacacggggugccga..... 1
 Gi3_27526900_x6.....acgucguggAaacacggggugccgaac..... 1
 Gi1_3983221_x6.....ucgugggaCcacggggugccgaacu..... 1
 Gi3_27480814_x6.....gugggCacacggggugccgaa..... 1
 Gi1_3984631_x6.....ggAaacacggggugccgaacu..... 1
 Gi3_27507958_x6.....ugggaacacgAgggugccga..... 1
 Gi3_27502708_x6.....gucgugggaacaAggggugccgaacu..... 1
 Gi3_27492718_x6.....aucggagacgucgugggaacacggggugcU..... 1
 Gi1_3989155_x6.....ucguUggaacacggggugccgaac..... 1
 Gi3_27464242_x6.....cggagacgucgugggaacacggggugcU..... 1
 Gi5_8535337_x6.....ggaacacggggugccgCac..... 1
 Gi3_27542626_x6..Ucgauccggagacgucgugggaacacggggugcc..... 1

Gi5_8555209_x6....aucggagacgucgugggaacacggggG..... 1
Gi1_3976117_x6.....uggaacacggggugccgUacu..... 1
Gi1_3985951_x6.....ggaacacgNggugccgaac..... 1
Gi2_10578215_x6.....Aggagacgucgugggaacacggggugcc..... 1
Gi2_10577405_x6.....ggUacacggggugccgaa..... 1
Gi3_27465340_x6.....cgucgugggaacacggggUaccg..... 1
Gi3_27472924_x6.....ugggaCcacggggugccga..... 1
G1a_5725462_x6.....gggaacacgAggugccgaacu..... 1
Gi1_3985537_x6.....ucgugggaacacggggugccgaaAu..... 1
Gi3_27503380_x6.....ugggaaUacggggugccgaa..... 1
Gi3_27523426_x6.....cggagacgNcgugggaacacg..... 1
G1a_5710138_x6.....cgugggaacacggggugccAaacu..... 1
Gi3_27468658_x6.....cgugggaacacggggAgcc..... 1
Gi3_27472900_x6.....agacgucgugggaacacggggugccgaUc..... 1
Gi1_3990535_x6.....gucgugggaAacggggugccgaacu..... 1
Gi1_3990199_x6.....acgucgugggaCcacggggugccgaacu..... 1
Gi3_27480124_x6.....gagacgucgugggaacacggggCgcccgaacu..... 1
Gi3_27532846_x6.....Aucgugggaacacggggugccga..... 1
Gi2_10568453_x6.....cgucUugggaacacggggugccgaacu..... 1
Gi3_27546808_x6....aucggagacgCcgugggaacacgggg..... 1
Gi2_10573391_x6....aucggagacgucgugggGacacgg..... 1
Gi2_10571351_x6.....ggaacacggggugccgaG..... 1
Gi3_27533218_x6.....cgucgugAgaacacggggugc..... 1
Gi1_3982171_x6.....gugggGacacggggugccg..... 1
Gi2_10566221_x6.....acgucgCgggaacacggggugccgaacu..... 1
Gi5_8558617_x6.....uggUaacacggggugccgaacu..... 1
Gi5_8562079_x6.....acgucgugAgaacacggggugccgaacu..... 1
Gi2_10650100_x5....aucggaAacgucgugggaacac..... 1
Gi2_10595450_x5.....gugggaacacgggAugccgaa..... 1
Gi3_27651132_x5....gaucggagacgucgugggaacacggggugccga..... 0
Gi3_27598937_x5....aucggagacgucguAggaacacgg..... 1
Gi3_27650557_x5....aucggUgacgucgugggaacacggg..... 1
Gi2_10639475_x5.....gacgucgCgggaacacggggugccgaacu..... 1
Gi3_27632152_x5.....gucAugggaacacggggugccgaac..... 1
Gi2_10596250_x5.....cgugggaacacggggugccgUac..... 1
Gi2_10619500_x5.....gugggUacacggggugccg..... 1
Gi2_10624460_x5.....gugggaacacgAggugccg..... 1
Gi3_27585392_x5....aucggagacgucgugggUacacgg..... 1
Gi5_8585592_x5.....agacgucgugggaacacAgggugccgaacu..... 1
Gi5_8579752_x5.....uggaacGcggggugccgaa..... 1
Gi1_3995050_x5.....Ugagacgucgugggaacacggggugccgaacu..... 1
Gi3_27579932_x5.....gucgugggaacacggggugcAgaac..... 1
Gi2_10617380_x5....aucggagaNgucgugggaac..... 1
G1a_5748842_x5.....gAgaacacggggugccgaacu..... 1
Gi2_10594755_x5.....uGgugggaacacggggugc..... 1
Gi2_10622470_x5.....ggaCcacggggugccgaacu..... 1
Gi3_27580537_x5....cgucgugggaacacggggUacc..... 1

Gi3_27636637_x5.....cgucAugggaacacggggugccg.....	1
Gi2_10620865_x5.....Ucgucgugggaacacggggugcc.....	1
Gi5_8579957_x5.....gaacacggggugccgaacG.....	1
Gi3_27552552_x5.....ugggaacacgAggugccgaa.....	1
Gi2_10641105_x5.....ugggaacacggggugUcgaac.....	1
Gi2_10591100_x5.....cgucgCgggaacacggggugccgaac.....	1
Gi1_4002000_x5.....gugggaGcacggggugccga.....	1
Gi3_27575072_x5.....Ccgucgugggaacacggggugccgaacu.....	1
Gi1_3994265_x5.....aacacggggugccgaaAu.....	1
Gi2_10634700_x5.....gucgugggaacacggggugccgUacu.....	1
G1a_5747237_x5.....gugggaacacggggugcAgaacu.....	1
Gi5_8592347_x5.....ugggaacCcgggugccgaac.....	1
Gi3_27552087_x5.....aAcggagacgucgugggaacacgg.....	1
Gi1_3994480_x5.....cgucgugggaCcacggggugccgaacu.....	1
Gi1_3999855_x5.....ugggGacacggggugccgaac.....	1
Gi2_10616845_x5.....aucggagGcgucgugggaacacg.....	1
Gi4_537203_x5.....ugggaacacggggugccgaGcu.....	1
Gi5_8566967_x5.....cgucgugggaacacggggugUcgaacu.....	1
Gi2_10645475_x5.....cgAgggaacacggggugccga.....	1
Gi1_4006235_x5.....gggaacacggggugcUgaacu.....	1
G1a_5742372_x5.....cgucgugggaacacggggugccgCacu.....	1
Gi3_27606362_x5.....gaucggagacgucgCgggaacacg.....	1
Gi2_10623780_x5.....ucgugggCacacggggugccgaacu.....	1
Gi2_10600580_x5.....aucggagacAucgugggaacacggggugcc.....	1
Gi2_10632805_x5.....gggaacacggggugccgaC.....	1
Gi3_27621702_x5.....gugggaacacggggugccCa.....	1
Gi5_8582522_x5.....gggaacCcgggugccgaacu.....	1
Gi1_3999295_x5.....gaucggagacgucguggga.....	0
Gi2_10626295_x5.....cggagacgucgugAgaacacggggugcc.....	1
Gi2_10631380_x5.....cgUagacgucgugggaacacggggugc.....	1
Gi3_27657422_x5.....cgucgugggaacacggAgugcc.....	1
Gi3_27553002_x5.....gaucggagacgucgugggaacacggAgu.....	1
Gi2_10640475_x5.....guUgugggaacacggggugc.....	1
Gi3_27553877_x5.....uGggagacgucgugggaacacggg.....	1
Gi5_8593867_x5.....Ugagacgucgugggaacacggggugcc.....	1
Gi3_27629802_x5.....cgucgugggaacacggggGgccgaa.....	1
Gi3_27606737_x5.....cgucgugggaacacggAgugc.....	1
Gi3_27609352_x5.....agacgucgugggaacacggggugccgCac.....	1
Gi2_10602725_x5.....acgucgugggaacacggggCgc.....	1
Gi3_27558222_x5.....gagacgucgugggaacGcggggugccgaacu.....	1
Gi3_27631162_x5.....cgucguAggaacacggggugccgaac.....	1
Gi5_8579367_x5.....ggNacacggggugccgaacu.....	1
Gi2_10619975_x5.....gaucggagacgucgugggaGcacggggugcc.....	1
Gi2_10595445_x5.....aCcgagacgucgugggaacacggggug.....	1
Gi2_10635645_x5.....aaAcggggugccgaacu.....	1
Gi1_4013205_x5.....aacacggggugccgaacG.....	1
Gi2_10595835_x5.....Agaacacggggugccgaa.....	1

Gi1_4003720_x5.....Ggggaacacggggugccga..... 1
Gi3_27614722_x5.....gugggaacUcggggugccga..... 1
Gi3_27568507_x5....gaucggagacgucgugggCacacgggg..... 1
Gi5_8569037_x5.....cgucguggNaacacggggugccgaac..... 1
Gi2_10620730_x5.....ugggaacacggggugccgaUcu..... 1
Gi2_10613490_x5.....agacgucgugggaacCcggggugcc..... 1
Gi2_10613575_x5.....ggagacguUgugggaacacggggugc..... 1
G1a_5732142_x5.....ugggaacacggggugAcgaacu..... 1
G1a_5765337_x5.....cgugggaacaUggggugccgaacu..... 1
Gi5_8590827_x5.....gggaacacggggugccAaac..... 1
Gi5_8574002_x5.....gugggaGcacggggugcc..... 1
Gi3_27570557_x5.....cgugggaacacggggUAccgaa..... 1
Gi3_27610897_x5....aucggagacguGgugggaacacggggg..... 1
Gi2_10599810_x5....aucggagacgucgugggaacacgAg..... 1
Gi2_10591060_x5.....cgugggaacacggggGgccgaac..... 1
Gi5_8576267_x5.....guUgugggaacacggggugccgaac..... 1
G1a_5739467_x5..Ucgauccggagacgucgugggaacacggg..... 1
Gi3_27558357_x5....aucggagacgucgugggaacacgAgg..... 1
Gi1_4004390_x5.....cgucgugggaacacggggGgcc..... 1
Gi5_8586837_x5.....ggaNcacggggugccgaacu..... 1
Gi5_8581212_x5.....gggaacacggggAgccgaacu..... 1
Gi3_27582067_x5.....cgugggaacacgAggugc..... 1
Gi1_3997990_x5.....aacacggggugccgaUcu..... 1
Gi2_10624945_x5.....cgugggaacacAgggugc..... 1
Gi3_27563487_x5.....ggagacgucgugggaGcacggggugccg..... 1
Gi3_27597437_x5.....Agugggaacacggggugcc..... 1
Gi3_27633727_x5.....ugggaacaUggggugccga..... 1
Gi3_27555172_x5....ucggGgacgucgugggaacacggggg..... 1
Gi3_27639007_x5.....gucgugggaacacggggAgccgaac..... 1
Gi2_10647105_x5.....ucgugggaacacggggugccgaaAu..... 1
Gi2_10650345_x5.....aCacgucgugggaacacggggugccgaacu..... 1
Gi2_10601805_x5.....ucgugggaacacggggugccgGac..... 1
Gi2_10601305_x5.....acAucgugggaacacggggugcc..... 1
Gi5_8568832_x5.....Ugagacgucgugggaaca..... 1
Gi5_8563977_x5.....acgucgugggaCcacggggugccgaacu..... 1
G1a_5739392_x5.....Agagacgucgugggaacacg..... 1
Gi2_10610430_x5.....acgucgugggaacacAgggugccgaacu..... 1
Gi3_27623507_x5.....ggagacgCcgugggaacacggggg..... 1
Gi5_8578257_x5.ugUgauccggagacgucgug..... 1
Gi3_27635562_x5.....ggCaacacggggugccgaac..... 1
Gi3_27633542_x5.....ucgugggaacaAgggugccgaacu..... 1
G1a_5765417_x5.....Agugggaacacggggugccgaacu..... 1
Gi2_10608815_x5.....ggUgacgucgugggaacacg..... 1
Gi2_10639275_x5....aucggUgacgucgugggaacacggggugc..... 1
Gi3_27636997_x5.....ucgugggaacacggggugAcgaacu..... 1
Gi2_10632920_x5....aucggagacgucgugggaacacggggAg..... 1
Gi1_4000235_x5.....ugggUacacggggugccgaacu..... 1

Gi5_8586072_x5.....Ggggaacacggggugccgaacu..... 1
Gi3_27572862_x5.....cgucgugggCacacggggugcc..... 1
Gi1_4006315_x5.....gugggaacacggggugAcgaacu..... 1
Gi2_10601530_x5.....gugggaacacggggugAcga..... 1
Gi3_27559442_x5.....ucgugggaNcacggggugccg..... 1
Gi3_27588092_x5.....acgucgugggaaGacggggugccgaacu..... 1
Gi1_4015060_x5.....aGgucgugggaacacggggugcc..... 1
Gi3_27551577_x5.....gaucggagacgucgugggaCcac..... 1
Gi2_10646870_x5.....Cucggagacgucgugggaacacggggugcc..... 1
Gi3_27570417_x5.....ggaacacAgggugccgaa..... 1
Gi5_8579062_x5.....cgugggaacacgUggugccgaac..... 1
Gi3_27572722_x5.....cgugggaacacggggugUc..... 1
G1a_5735152_x5.....ggaacacggggugccgUacu..... 1
Gi3_27572327_x5.....gGgacgucgugggaacacg..... 1
Gi2_10595960_x5.....ugggaacCggggugccgaac..... 1
Gi2_10599855_x5.....cgucguggNaacacgggg..... 1
Gi2_10618165_x5.....ggaacacggUgugccgaacu..... 1
Gi3_27640462_x5.....cgucgugggaacacggggugccgaaUu..... 1
Gi2_10633305_x5.....aucgAagacgucgugggaacacggggugcc..... 1
Gi2_10594030_x5.....gugggaacacggCgugcc..... 1
Gi5_8578357_x5.....gugggaaGacggggugccgaacu..... 1
Gi5_8580582_x5.....aucggagacgucgugggaacacggggCgc..... 1
Gi2_10632125_x5.....cgucgugggUacacggggugccgaacu..... 1
Gi3_27549682_x5.....gugggaCcacggggugccgaa..... 1
Gi1_4015705_x5.....Gggagacgucgugggaacacggggugcc..... 1
Gi2_10627210_x5.....Ugacgucgugggaacacggggugc..... 1
Gi5_8564497_x5.....gucgugggaacacgggAugccgaacu..... 1
Gi2_10642885_x5.....cgucgugggaacCcgggugccg..... 1
Gi3_27561222_x5.....ugggaUcacggggugccgaac..... 1
Gi2_10644095_x5..Ucgauccgagacgucgugggaacacggggugc..... 1
Gi2_10633510_x5.....aucggagacgucgugggaCca..... 1
Gi3_27551162_x5.....cgugggaacacAgggugccga..... 1
Gi3_27593767_x5..cUaucggagacgucgugggaacacggggugc..... 1
Gi1_4016875_x5.....cguNggaacacggggugccgaacu..... 1
Gi2_10629335_x5.....gaucggagacgucgugggaacGcggggug..... 1
Gi1_4004350_x5.....aacacgCggugccgaacu..... 1
Gi2_10645030_x5.....ugAgaacacggggugccgaac..... 1
Gi1_4004275_x5.....acgucgugggaGcacggggugccgaacu..... 1
Gi3_27576387_x5.....gGucggagacgucgugggaacacggggugcc..... 1
Gi2_10612915_x5.....ucgugggaacacggggugAcgaacu..... 1
Gi5_8570757_x5.....ucggagacgucguggGacacg..... 1
Gi5_8594202_x5.....gugggaacacggggGgccgaacu..... 1
G1a_5749992_x5.....gugggaacacggggGgccgaac..... 1
Gi5_8569047_x5.....Gacacggggugccgaacuuu..... 1
Gi5_8583082_x5.....gugggaacacggggugccgaG..... 1
Gi1_4013190_x5.....acgucgugggaacacggggugccgaaAu..... 1
Gi2_10632510_x5.....aucggagacgucCgggaacacggg..... 1

Gi3_27602452_x5.....gacgucgugggaGcacggggugccgaac..... 1
Gi1_4009605_x5.....guggaacaacggggugcU..... 1
Gi3_27636117_x5.....gUagacgucgugggaacacggggugccga..... 1
Gi3_27616272_x5.....cgucgugggaacacggggugcU..... 1
Gi2_10633715_x5.....gacgucgugggaacacggggCgccgaacu..... 1
Gi2_10620905_x5.....ugggaacacggggugGcgaacu..... 1
Gi5_8563927_x5.....guggaacaUggggugccgaac..... 1
Gi5_8570187_x5.....gucgugggaacacggggugUcgaacu..... 1
Gi5_8589502_x5.....uggaacaacggggugccCa..... 1
Gi3_27590467_x5.....guggaacaacggggAgccg..... 1
Gi2_10607685_x5.....gacAucgugggaacacggggugcc..... 1
Gi2_10640365_x5.....ucgugggaacacggggugccgaaU..... 1
Gi3_27570392_x5.....gaacaUggggugccgaac..... 1
G1a_5761722_x5.....gggaacaacggggugccAaacu..... 1
Gi5_8590872_x5.....guggaacaacAgggugcc..... 1
Gi5_8586002_x5.....cgucguggaaUacggggugccgaacu..... 1
Gi1_4013680_x5.....Ccuggggaacacggggugcc..... 1
Gi2_10620970_x5.....guggaacaacggggUaccg..... 1
Gi2_10621845_x5.....gaucggagacgucgugggCacacggggg..... 1
Gi1_3994290_x5.....ggaacaacggggugccgaCcu..... 1
Gi3_27601432_x5.....gggaacaacggggugcGgaac..... 1
Gi3_27575027_x5.....acgucgugggaUacggggugccgaacu..... 1
Gi3_27642907_x5.....ucgugggaacGcggggugc..... 1
Gi1_4014325_x5.....cgGgggaacacggggugccgaac..... 1
Gi3_27549627_x5.....aGgucgugggaacacggg..... 1
Gi2_10649355_x5.....aacacgUggugccgaacu..... 1
Gi3_27646647_x5.....cgugggaacCggggugccga..... 1
Gi3_27642377_x5.....Cacgucgugggaacacggggugccgaac..... 1
Gi5_8581517_x5.....gCgggaacacggggugccgaa..... 1
Gi5_8589802_x5.....agacgucgugggaCcacggggugccgaacu..... 1
Gi5_8595182_x5.....guggaacNcggggugccg..... 1
Gi1_4016735_x5.....gucgugggaacacggggugccgaGcu..... 1
Gi2_10592920_x5.....ggaacacgUggugccgaacu..... 1
Gi3_27612627_x5.....gaucggagGcucgugggaacacggggg..... 1
Gi5_8578622_x5.....gucgugggaacacggggugcUgaacu..... 1
Gi3_27613682_x5.....cUucgugggaacacggggug..... 1
Gi3_27628487_x5.....aucggCgacgucgugggaacacggggugcc..... 1
Gi1_3995525_x5.....cAucgugggaacacggggugccgaacu..... 1
G1a_5739052_x5.....aucggagacgucgugggGacacggggg..... 1
Gi1_4004080_x5.....ggUgacgucgugggaacacggggugccg..... 1
Gi2_10649455_x5.....aucggCgacgucgugggaacacggggugcc..... 1
Gi3_27626237_x5.....cgugggaacacggggugUcga..... 1
Gi3_27627192_x5.....Uucggagacgucgugggaacacggggugcc..... 1
Gi3_27653902_x5.....gcgaucggGgacgucgug..... 1
Gi5_8594957_x5.....uggaacaacAgggugccgaa..... 1
Gi3_27566632_x5.....uggaacaacggggugcGgaac..... 1
Gi2_10645510_x5.....cgugggaacacggggugccUaac..... 1

Gi3_27603657_x5.....cgucgugggaacaUggggugcc..... 1
Gi2_10624295_x5.....ggaacUcggggugccgaacu..... 1
Gi2_10597460_x5.....ugggaacacggggCgccg..... 1
Gi2_10609505_x5.....aucggagacgucgugggCac..... 1
Gi3_27650897_x5.....aucggagacgucUugggaacacgggg..... 1
Gi3_27552732_x5.....aucggagacgucguggggaacUcggg..... 1
G1a_5763782_x5.....ugggaGcacggggugccgaacu..... 1
Gi3_27606472_x5.....gucguggUaacacggggugccgaacu..... 1
Gi3_27615937_x5.....aacacggggCgccgaacuu..... 1
G1a_5748337_x5.....gugggaGcacggggugcc..... 1
Gi2_10593460_x5.....agacgucgugggaacacggggugccgaCcu..... 1
Gi3_27551352_x5.....aucggagacgucguggAaacacggggugcc..... 1
Gi3_27552832_x5.....Agucgugggaacacggggugccg..... 1
Gi2_10650040_x5.....gucgugggaacGcggggugcc..... 1
Gi3_27600732_x5.....gucNugggaacacggggugccgaacu..... 1
Gi2_10604175_x5.....aucggagacgucguggggaacGcggggugcc..... 1
Gi2_10612860_x5.....aucggagacgCcgugggaaca..... 1
Gi2_10626485_x5.....ggagacgucguggAaacacggggugcc..... 1
Gi3_27564817_x5.....gaucggGgacgucgugggaacacgg..... 1
Gi2_10630270_x5.....Uucgugggaacacgggg..... 1
Gi2_10614910_x5.....cgucgugggaCcacggggugccga..... 1
Gi3_27642262_x5.....ggagacgucguggggaCcacggggugcc..... 1
Gi2_10643380_x5.....gaucggagNcgucgugggaacacggggugcc..... 1
Gi3_27567497_x5.....gggaaUacggggugccgaac..... 1
G11_3997165_x5.....gaacaAgggggugccgaacu..... 1
Gi2_10641160_x5.....cgugggaaAacggggugccgaac..... 1
Gi2_10600080_x5.....ucgugggUaacacggggugccgaacu..... 1
Gi4_535428_x5.....ugggaacaNggggugccgaacu..... 1
Gi2_10606500_x5.....agacgucguggGacacggggugccgaacu..... 1
G11_4009465_x5.....gugggaacacggggugccgaaAu..... 1
Gi2_10606490_x5.....gucgugggaacacggggugccgaGc..... 1
Gi3_27583742_x5.....ucgugggGacacggggugccgaa..... 1
Gi3_27645062_x5.....Agugggaacacggggugccgaa..... 1
Gi5_8601857_x5.....gggaCcacggggugccgaacu..... 1
Gi2_10603635_x5.....cgugggaacacggggugccgGac..... 1
Gi2_10622155_x5.....cgucgugggaacGcggggugc..... 1
Gi3_27631722_x5.....Ugagacgucgugggaacacgggg..... 1
Gi3_27561062_x5.....ucgugggaacacggggCgccga..... 1
Gi3_27584302_x5.....ugggaacUcggggugccgaa..... 1
Gi5_8577432_x5.....cgugggaacacggggugccgCac..... 1
Gi3_27595087_x5.....gGcucgugggaacacggggugccg..... 1
Gi2_10625075_x5.....cgucgugggaacacggggugccgaaAu..... 1
Gi3_27552992_x5.....aucggagacgucguggCaacacg..... 1
Gi3_27570952_x5.....acUucgugggaacacggggugccgaac..... 1
Gi2_10649795_x5.....cgugggaacacggggugccgC..... 1
Gi3_27624122_x5.....cgugggaCcacggggugccgaa..... 1
Gi3_27612817_x5.....gucgugggaaUacggggugccgaac..... 1

Gi3_27593882_x5.....uggNaacacggggugccgaac..... 1
Gi3_27590137_x5.....agacgucgugggaacacagAggugccgaacu..... 1
Gi3_27631187_x5.....cgucgugggaGcacggggugccga..... 1
Gi2_10642765_x5.....Aaacacggggugccgaac..... 1
Gi2_10597775_x5.....gucgugggaacacCggggugccgaacu..... 1
Gi5_8599957_x5.....gaacacggggugccgaAu..... 1
Gi1_4011735_x5.....ugggaacaNggggugccga..... 1
Gi2_10649530_x5.....cgucgugggaacaUggggugccgaacu..... 1
Gi3_27592862_x5.....gaacacggggugccgUac..... 1
Gi3_27554957_x5.....ggaacacggggugccgGa..... 1
Gi3_27617292_x5.....aucggGgacgucgugggaacacgggg..... 1
Gi3_27617847_x5.....cgaucggagacgucgugggaCcacg..... 1
Gi2_10609180_x5.....ucgCgggaacacggggugccgaac..... 1
Gi1_3997580_x5.....gggaacaUggggugccgaacu..... 1
G1a_5746157_x5.....ugggaacacggggugUcgaacu..... 1
Gi5_8580852_x5.....Ggacgucgugggaacacggggugcc..... 1
G1a_5749012_x5.....gugggaacacggggugccgaAu..... 1
Gi2_10599745_x5.....acgucgugggaacacggggGgc..... 1
Gi5_8596497_x5.....Gucggagacgucgugggaacacgggggu..... 1
Gi2_10615165_x5.....gaucggagacgucgugggaacacAg..... 1
Gi2_10622360_x5.....Ggcgaucggagacgucgugggaacacg..... 1
Gi5_8564632_x5.....aGcggagacgucgugggaacacggggugcc..... 1
Gi3_27578607_x5.....gaacacggggugccAaac..... 1
G1a_5750647_x5.....gugggaacGcggggugcc..... 1
Gi2_10614065_x5.....cgCcgugggaacacggggugccgaac..... 1
Gi2_10600680_x5.....gugggaacacggggugUcgaa..... 1
Gi2_10640140_x5.....cgugggaacCcggggugc..... 1
Gi3_27585872_x5.....ugggaacacggggAgccg..... 1
Gi2_10640900_x5.....gugggaUcacggggugccgaac..... 1
G1a_5735972_x5.....cgugAgaacacggggugccgaacu..... 1
Gi2_10603395_x5.....ugggaacacggggguAccgaac..... 1
Gi3_27550282_x5.....cgucgugggaacaUggggugccgaac..... 1
Gi1_4016225_x5.....gugggaacacggggugccgaGc..... 1
Gi2_10598230_x5.....cgucgugggaacacggggugccgCac..... 1
Gi2_10634825_x5.....gaucggagacgucgugggGacacggggugc..... 1
Gi2_10620930_x5.....cgAcgugggaacacggggugc..... 1
Gi3_27613337_x5.....acgucgugggaacacgggUgugccgaacu..... 1
Gi2_10619910_x5.....Caucggagacgucgugggaacacggggugcc..... 1
Gi1_3996840_x5.....gggaacacggggAgccgaacu..... 1
Gi3_27623942_x5.....gaacCcggggugccgaac..... 1
Gi2_10608165_x5.....agacgucgugggaacacggggugccgCacu..... 1
Gi1_3996775_x5.....aucggagacgucgugggaacacggU..... 1
Gi1_4014080_x5.....acgucgugggaacGcggggugcc..... 1
Gi2_10630065_x5.....cggagacgucgugggaacacggggGgc..... 1
Gi3_27624847_x5.....Aaucggagacgucgugggaacacgg..... 1
Gi3_27600597_x5.....gaacacgggAugccgaac..... 1
Gi5_8588502_x5.....aucggagacgucgugggaGcac..... 1

Gi2_10626965_x5.....gucgugggaaAacggggugccgaac..... 1
 Gi3_27595192_x5..Ucgauccgagacgucgugggaaacacgg..... 1
 Gi5_8589652_x5.....ugggaacGcggggugccgaac..... 1
 Gi1_4004175_x5.....acAucgugggaaacacggggugccgaacu..... 1
 Gi2_10612375_x5.....cgugggaaacacggggugccAa..... 1
 Gi3_27561137_x5.....ggaacacggggugccUaac..... 1
 Gi2_10641855_x5.....cgugggaaacacggggGgccga..... 1
 Gi2_10612595_x5.....gacgucgugggaaacacggggugccgaGcu..... 1
 Gi3_27619237_x5.....ucggagacNucgugggaaacacg..... 1
 Gi3_27566312_x5.....gCcgugggaaacacggggugcc..... 1
 Gi1_4012665_x5.....gggaacacgAggugccgaacu..... 1
 Gi3_27631797_x5.....cggagGcgucgugggaaacacggggugcc..... 1
 Gi2_10602200_x5.....gaucggagCcgucgugggaaacacggggg..... 1
 Gi3_27632672_x5.....Gcgucgugggaaacacggggugccg..... 1
 Gi3_27640372_x5.....cguggUaacacggggugccgaac..... 1
 Gi5_8590832_x5.....gugggaacacggggugccA..... 1
 Gi1_3995040_x5.....ggaacacggggAgccgaacu..... 1
 Gi1_3996550_x5.....aacaAggggugccgaacu..... 1
 G1a_5737687_x5.....gggaacacggggugcUgaacu..... 1
 Gi3_27559902_x5...cgauccggaNacgucgugggaaacacg..... 1
 Gi5_8567242_x5.....cgugggaaacGcggggugccgaac..... 1
 Gi3_27611887_x5.....gugggaacacggggugAcgaa..... 1
 Gi2_10613945_x5.....ugggaCcacggggugccgaac..... 1
 G1a_5746132_x5.....aucggagaNucgugggaaacacggggg..... 1
 Gi1_4008600_x5.....ucgugggaaacacggggugcAgaacu..... 1
 Gi3_27577582_x5...aCcgagacgucgugggaaacacggggugc..... 1
 Gi2_10607130_x5.....gugggaacacggcGugccgaac..... 1
 Gi5_8600702_x5.....gaacacgggCugccgaacu..... 1
 Gi3_27620122_x5.....gugggCacacggggugccg..... 1
 Gi1_4011665_x5.....Uagacgucgugggaaacacggggugccgaac..... 1
 Gi3_27573232_x5...aucggagacgucgugggaaacaU..... 1
 Gi3_27565012_x5.....gacgucguNggaacacggggugccgaac..... 1
 G1a_5764787_x5...Gucggagacgucgugggaaacacgg..... 1
 Gi2_10593860_x5...aucggagacgucgugggCacacggg..... 1
 Gi2_10647065_x5.....cUgagacgucgugggaaacac..... 1
 Gi2_10622420_x5.....guggAaacacggggugccga..... 1
 Gi3_27550917_x5.....Cucgugggaaacacggggugccga..... 1
 Gi5_8568412_x5.....ucgugggaaacacggggugccUaacu..... 1
 Gi3_27600987_x5.....ggaacacggggUaccgaa..... 1
 Gi3_27589047_x5.....acgAcgugggaaacacggggugccgaacu..... 1
 Gi3_27597267_x5...aucggagacgucgCggga..... 1
 Gi2_10644635_x5.....ggaNcacggggugccgaac..... 1
 Gi1_3994075_x5.....ugggaacacggggugAcgaacu..... 1
 Gi2_10634520_x5.....cgugggaaacGcggggugc..... 1
 Gi3_27552647_x5...gauUggagacgucgugggaaacacggg..... 1
 Gi3_27642367_x5...aucggGgacgucguggga..... 1
 Gi2_10627300_x5.....cgugggaaacacggggugAc..... 1

Gi3_27626712_x5.....gggaacacCggggugccgaacu..... 1
Gi1_4008925_x5.....cggagacgucgCgggaacacggggugccga..... 1
Gi2_10615775_x5.....aucggagacgucguggggaCcacg..... 1
Gi3_27581497_x5.....ucgugggaaacacggCgugccgaacu..... 1
Gi3_27653967_x5.....gacgucgugggaaacacggggugccgaUc..... 1
Gi5_8569687_x5.....acguGgugggaaacacggggugccgaacu..... 1
Gi2_10621805_x5.....gaGcggagacgucgugggaaacacgggggu..... 1
Gi3_27633832_x5.....ggGgacgucgugggaaacacgggggu..... 1
Gi1a_5750237_x5.....cgugggaaUacggggugccgaacu..... 1
Gi5_8592657_x5.....Ggacgucgugggaaacacggggugccgaac..... 1
Gi3_27564522_x5.....cgugggaaacAgggggugccgaac..... 1
Gi5_8601362_x5.....agacgucgugggaaUacggggugccgaacu..... 1
Gi1_4011250_x5.....aucggagacgucguggggaCcacg..... 1
Gi1_4002605_x5.....aucggagacgucguggggaGcacgggggu..... 1
Gi1_4007150_x5.....aucggGgacgucgugggaaacacg..... 1
Gi3_27589932_x5.....cggUacgucgugggaaacacgggggu..... 1
Gi2_10594750_x5.....aucggagacgucgugggaaacacAgggugcc..... 1
Gi2_10622490_x5.....ucggagacNucgugggaaacacg..... 1
Gi5_8582687_x5.....gggaacacggggugcUgaac..... 1
Gi1_4000820_x5.....ucgugggaaacacggggugccgaGc..... 1
Gi5_8585482_x5.....gugggCacacggggugccgaac..... 1
Gi4_534893_x5.....aUacgucgugggaaacacggggugcc..... 1
Gi2_10606585_x5.....ucAugggaacacggggugccgaac..... 1
Gi5_8578042_x5.....aGcacggggugccgaacuuu..... 1
Gi1_4011395_x5.....Ggacgucgugggaaacacgggg..... 1
Gi2_10598245_x5.....cgucAugggaacacggggugccgaacu..... 1
Gi2_10643485_x5.....ucggagacNucgugggaaacacggggugcc..... 1
Gi3_27568352_x5.....aucggagacgucgugAgaacacggggugcc..... 1
Gi3_27649667_x5.....gauUggagacgucgugggaaacacgggggu..... 1
Gi3_27649982_x5.....gaucAgagacgucgugggaaacacgggggu..... 1
Gi3_27617722_x5.....ugggaacacggggugAcga..... 1
Gi5_8570842_x5.....cgucgugggaaacaUggggugccgaacu..... 1
Gi2_10592945_x5.....uGggagacgucgugggaaacacggggugcc..... 1
Gi3_27573472_x5.....cggagacgucgugggaaacacAgggugcc..... 1
Gi2_10606810_x5.....aAcggagacgucgugggaaacacggggug..... 1
Gi5_8566107_x5.....ugggaacacggggAgccgaac..... 1
Gi1_3996070_x5.....gugggaacacggggugGcgaacu..... 1
Gi1a_5763037_x5.....aucggagacgucguggggaGcacggg..... 1
Gi3_27606397_x5.....gugggaacaGggggugccgaac..... 1
Gi2_10592985_x5.....ggaacacgUggugccgaac..... 1
Gi3_27599372_x5.....gcaucggagacgucgugggaaacacggggugc..... 0
Gi3_27619322_x5.....cggagacgNcgugggaaacacggggugccga..... 1
Gi2_10592350_x5.....ggUgacgucgugggaaacacgggggu..... 1
Gi2_10630670_x5.....aucggagacgucgugggaaacacgAgggugcc..... 1
Gi1_4016075_x5.....Ugagacgucgugggaaacacgggggu..... 1
Gi3_27622197_x5.....ugggaaUacggggugccg..... 1
Gi1_3998700_x5.....gCgggaacacggggugccgaac..... 1

Gi2_10608700_x5.....cgugggaacacgUggugccga..... 1
 Gl1_5763747_x5.....ggaacacggguUccgaacu..... 1
 Gi3_27594457_x5...cgaucggaNacgucguggg..... 1
 Gi2_10649895_x5...gaucggagacgCcgugggaacacggggug..... 1
 Gi3_27602442_x5.....agacgucgugAgaacacggggugccgaacu..... 1
 Gi1_3993885_x5.....gucgugggaaAacggggugcc..... 1
 Gi5_8588257_x5.ugcgauccgagacgucgCggg..... 1
 Gi3_27555772_x5.....cgugggaacacggggugccgaG..... 1
 Gi3_27629492_x5.....ucggagacgucgugggGacacggggg..... 1
 Gi2_10625370_x5.....ggaacacggCgugccgaacu..... 1
 Gi2_10648625_x5...Ggaucggagacgucgugg..... 1
 Gi5_8587942_x5.....cgugggGacacggggugccgaac..... 1
 Gi3_27563007_x5.....aucggagacgucgugggaUcacg..... 1
 Gl1_5741272_x5.....gggaacacggggCgccgaacu..... 1
 Gl1_5761277_x5.....cgugggaNacggggugc..... 1
 Gi3_27583762_x5.....gucgugggaacacgggAugccgaac..... 1
 Gi1_4002060_x5.....uGgugggaacacggggugccg..... 1
 Gi1_3999865_x5.....ggGgacgucgugggaaca..... 1
 Gi5_8592562_x5.....cgugggaacacAgggugccgaac..... 1
 Gi3_27658747_x5..Ucgauccgagacgucgugggaac..... 1
 Gi5_8570322_x5.....aacacggggugccgaacG..... 1
 Gi3_27602312_x5...gGucggagacgucgugggaacacggggugc..... 1
 Gl1_5753562_x5.....Ugagacgucgugggaacacggggugc..... 1
 Gi1_4016370_x5.....cgCgggaacacggggugccgaac..... 1
 Gi2_10591130_x5.....aUacgucgugggaacacggggug..... 1
 Gi2_10616670_x5.....aucggagacgucAugggaacacggggg..... 1
 Gi2_10595395_x5.....ugggaacacUgggugccgaacu..... 1
 Gi5_8581477_x5.....ggaacacggUgugccgaacu..... 1
 Gi1_3996665_x5.....ucguggAaacacggggugcc..... 1
 Gi2_10609305_x5.....gugggaaAacggggugccg..... 1
 Gi2_10643165_x5.....acgucgugggaacacggggUaccgaacu..... 1
 Gi5_8590027_x5.....cgAgggaacacggggugccga..... 1
 Gi5_8597122_x5.....gcgccugcugcccaccuucgccgaguucg..... 0
 Gi1_4016450_x5.....ggagacgucgugggaacacggggugccgaa..... 0
 Gi5_8578217_x5.....agacgucgugggaacacggggugccgCacu..... 1
 Gi3_27587497_x5.....cgugggaacacggggugUcg..... 1
 Gi2_10625595_x5.....Ugugggaacacggggugccgaa..... 1
 Gi3_27654457_x5.....gucgugggaacacgAggugccgaac..... 1
 Gl1_5733697_x5.....Ugugggaacacggggugcc..... 1
 Gi3_27649887_x5...aucggCgacgucgugggaacacgggg..... 1
 Gl1_5746677_x5...auUggagacgucgugggaacacggg..... 1
 Gi1_4003525_x5.....cgugggaacacggggugccgaaUu..... 1
 Gi3_27631387_x5.....agacgucgugggaacacAgggugccgaacu..... 1
 Gi2_10593250_x5.....cggagacgNcgugggaacacggggg..... 1
 Gi3_27556757_x5...aucggagacgucgugggaacacggAgugcc..... 1
 Gi3_27626812_x5.....cgAcgugggaacacggggugccga..... 1
 Gl1_5759912_x5.....gugggaacacggggCgccgaac..... 1

Gi2_10641110_x5.....aucggagCcgucgugggaaca..... 1
Gi3_27627277_x5....gaAcggagacgucgugggaacacggggu..... 1
Gi3_27565932_x5.....gGgacgucgugggaacacggggu..... 1
Gi1_4011345_x5.....agacgCcgugggaacacggggugccgaac..... 1
Gi3_27605507_x5.....gGgggaacacggggugccgaacuu..... 1
G1a_5758102_x5....aucggagacgucgugggCacacggg..... 1
Gi5_8598902_x5.....Ggugggaacacggggugc..... 1
Gi2_10608595_x5.....cggagacgucgugggaacacggggugAc..... 1
Gi3_27651042_x5.....gugNgaacacggggugccg..... 1
Gi3_27649222_x5....aucggagacgucgugggaCcacggggugc..... 1
Gi3_27631947_x5.....gugggaacacggCgugccga..... 1
Gi2_10615960_x5.....acUucgugggaacacggggugccgaacu..... 1
Gi3_27610292_x5.....guAgugggaacacggggugccgaacu..... 1
Gi2_10623490_x5.....cggagacgucgugggaacCcggggu..... 1
Gi3_27577552_x5.....cgugggaacacggggugAc..... 1
Gi1_3998300_x5.....gucAugggaacacggggugccgaacu..... 1
Gi3_27638512_x5....aucNgagacgucgugggaacacg..... 1
Gi3_27605407_x5.....cguAggaacacggggugccgaa..... 1
Gi3_27619937_x5.....gacgucgugggaGcacggg..... 1
Gi2_10632070_x5....gaucggagacgucgugggaacCcggggu..... 1
Gi1_4004185_x5.....ugggaacacggggugccgaaU..... 1
Gi2_10593060_x5.....ggagacgucgugggaacaUggggugcc..... 1
Gi1_4015640_x5.....gggaacacgggAugccgaacu..... 1
Gi2_10591670_x5.....acgucgugggaGcacggggugcc..... 1
Gi1_3995625_x5.....gUgaacacggggugccgaac..... 1
Gi5_8569287_x5.....cgugggaaNacggggugcc..... 1
Gi2_10611045_x5.....acgucgugggaacacggAgugcc..... 1
Gi3_27658552_x5.....cgugggaacacggggugccAaa..... 1
Gi3_27608547_x5.....gucgugggaacaUggggugccgaac..... 1
Gi3_27639827_x5....aucUgagacgucgugggaacacggg..... 1
Gi1_3999990_x5....Gcggagacgucgugggaacacggggugcc..... 1
Gi3_27597577_x5.....gugggaacacggggugccgUa..... 1
Gi2_10628195_x5.....Ucgucgugggaacacggggugc..... 1
Gi5_8571142_x5.....cgugggaacGcggggugccga..... 1
Gi3_27559272_x5.....Gggagacgucgugggaacacggg..... 1
Gi2_10625435_x5....aucggagacgucgugggaUac..... 1
Gi3_27562212_x5.....cgugggaacacggggugccgG..... 1
Gi3_27633682_x5.....ggaacacggggugUcgaa..... 1
G1a_5756177_x5....aucAgagacgucgugggaacacggggu..... 1
Gi3_27613932_x5....ucggagacgucgugggCacacg..... 1
Gi2_10612745_x5.....agacgucgugggaacacggggAgcc..... 1
G1a_5742917_x5.....ggaacacggggugcUgaacu..... 1
Gi2_10608230_x5.....gaUgucgugggaacacggggugccgaacu..... 1
Gi3_27658127_x5....aucggGgacgucgugggaacacggggugc..... 1
Gi2_10649850_x5.....gggaacacggggugcAgaac..... 1
Gi3_27580032_x5.....acgucgugggUacacggggugccgaacu..... 1
Gi3_27565552_x5..Ucgauccgagacgucgugggaacacggg..... 1

Gi3_27584132_x5.....cgagagacgucgugggaGcacggg.....	1
Gi1_4015885_x5.....cgucgugggaacCggggugcc.....	1
Gi2_10607560_x5.....cgGcgugggaacacggggugccga.....	1
Gi1a_5734542_x5.....ugggaacacggggugccAaacu.....	1
Gi5_8586247_x5...Uaucggagacgucgugggaaca.....	1
Gi5_8595167_x5.....cggagacgucgugggaacacggggugccgaa.....	0
Gi2_10621045_x5.....cgucgugggGacacggggugc.....	1
Gi2_10606790_x5.....gugggaacacggggAgccgaa.....	1
Gi2_10608370_x5.....gacgucgugggaacacggggAgccgaacu.....	1
Gi5_8586912_x5.....gCacacggggugccgaacu.....	1
Gi2_10591300_x5.....ucgugggaCcacggggugccgaacu.....	1
Gi1_4001440_x5.....ucgugggaacacggggugccgUacu.....	1
Gi5_8569227_x5.....gacgucgugAgaacacggggugccgaacu.....	1
Gi3_27635782_x5.....cgugggaUacggggugccg.....	1
Gi2_10645235_x5...gUucggagacgucgugggaacacggg.....	1
Gi5_8589577_x5.....aucggagacgucgugggCacacgg.....	1
Gi5_8601012_x5...aucggagacgucgugggaacacggggugccgaac.....	0
Gi2_10596950_x5.....agCcgucgugggaacacggggugccgaacu.....	1
Gi5_8569842_x5.....cgucgugggaacacggggAaccgaacu.....	1
Gi3_27595642_x5.....cgucgugggaGcacgggg.....	1
Gi3_27621247_x5...aucggagacgucgugggaacacgAggugcc.....	1
Gi3_27596417_x5.....ucgugggaNcacggggugc.....	1
Gi2_10629620_x5.....agacgucgugggaacacggggCgc.....	1
Gi2_10650305_x5.....ucgugggaacacgggAugccgaac.....	1
Gi3_27623267_x5...Cucggagacgucgugggaacacg.....	1
Gi3_27656372_x5.....gacgucgugggaacacggggugUcgaacu.....	1
Gi3_27615947_x5.....gacgucgugggaacacggggugccgGac.....	1
Gi1_3997000_x5.....cggGgacgucgugggaacacggggugc.....	1
Gi3_27645367_x5.....cNugggaacacggggugccgaacu.....	1
Gi2_10617175_x5...aucggagacgucgugggCacacgggg.....	1
Gi3_27613947_x5...gaucggagacgCcgugggaacacg.....	1
Gi2_10644450_x5...gcgaucggGgacgucgugggaacacggggugcc.....	1
Gi2_10622640_x5...Gucggagacgucgugggaacacgggg.....	1
Gi3_27648432_x5...gaCcgagacgucgugggaacacg.....	1
Gi2_10649510_x5.....cgugggaUacggggugccgaac.....	1
Gi2_10628425_x5...aCcgagacgucgugggaacacggggugcc.....	1
Gi5_8601102_x5.....cguUgugggaacacggggugccgaacu.....	1
Gi1_4012200_x5.....gaacacggUgugccgaacu.....	1
Gi2_10593240_x5.....ucgNgggaacacggggugccgaacu.....	1
Gi3_27558552_x5.....cgucguggNaacacgggg.....	1
Gi3_27647537_x5.....gggCacacggggugccgaacu.....	1
Gi3_27584857_x5.....ggGgacgucgugggaacacggggugccgaacu.....	1
Gi3_27643857_x5.....gucgugggaacacggggugcGgaacu.....	1
Gi5_8576997_x5.....Naacacggggugccgaacu.....	1
Gi2_10591415_x5.....gggaaUacggggugccgaac.....	1
Gi3_27615887_x5.....cggagacgNcgugggaacac.....	1
Gi3_27620782_x5.....Ugucgugggaacacggggugc.....	1

Gi2_10628660_x5...gaucggagacguUgugggaacacgggggu..... 1
Gi3_27552022_x5.....ucggGgacgucguggggaacacggggugcc..... 1
Gi3_27577687_x5.....aAcggagacgucguggggaacacggggugc..... 1
Gi1_4017620_x5.....acgCcguggggaacacggggugccgaacu..... 1
Gi2_10628935_x5...Caucggagacgucguggggaaca..... 1
Gi3_27655467_x5.....gaaUacggggugccgaac..... 1
Gi5_8575192_x5.....gucgAgggaacacggggugccgaacu..... 1
Gi3_27578362_x5.....ucgAgggaacacggggugccgaac..... 1
Gi3_27643827_x5...gaucggagacgucguggggaacGcgggg..... 1
Gi2_10600840_x5.....aucggagacguUgugggaacacggggugc..... 1
Gi2_10631680_x5.....acgucguAggaacacggggugccgaacu..... 1
Gi2_10618705_x5...gaucggagacgucgugggaaAacggg..... 1
Gi2_10636520_x5.....Cgggaacacggggugccg..... 1
Gi2_10617200_x5.....ucgugggaacUcggggugccgaacu..... 1
Gi1_4003655_x5.....cgucguggggaacacggggAgccgaacu..... 1
Gi3_27616277_x5.....gucguggggaacUcggggugccgaacu..... 1
Gi3_27621852_x5.....ggaacaAggggugccgaacu..... 1
Gi2_10609040_x5...cgucguggAaacacggggugccgaacu..... 1
Gi2_10621425_x5...cguggggaacacggggGgccgaa..... 1
Gi2_10602650_x5.....Agugggaacacggggugc..... 1
Gi5_8592217_x5...agacUucguggggaacacggggugccgaacu..... 1
Gi2_10604745_x5.....agacgucguggggaCcacggggugcc..... 1
Gi5_8585717_x5...acgucgugggCcacacggggugccgaacu..... 1
Gi1_4016090_x5...Gucggagacgucguggggaacacggggugc..... 1
Gi5_8599942_x5...cgugggaaNacggggugc..... 1
Gi1_4002545_x5...ggaacacggggugUcgaacu..... 1
Gi2_10639670_x5...gggUacacggggugccgaac..... 1
Gi2_10636265_x5...ggagacgCcguggggaacacggggugc..... 1
Gi3_27560987_x5...acgucguggggaacaUggggugccgaac..... 1
G1a_5739957_x5...Uucguggggaacacggggugccgaac..... 1
Gi5_8584422_x5...ugggaaAacggggugccgaacu..... 1
Gi4_537243_x5...Gcguggggaacacggggugccgaacu..... 1
Gi5_8595952_x5...ggaacacggggugccgaUc..... 1
Gi1_4005680_x5...cguggggaacacggggugccgaaU..... 1
Gi1_3994090_x5...cgucguggggaacacggggugccgaGcu..... 1
Gi3_27556102_x5...aucggagacgucguggggaacCcgggugc..... 1
Gi2_10639380_x5...gacgucguggggaGcacggggugccg..... 1
Gi2_10635730_x5...gucguggggaacGcggggugccga..... 1
Gi2_10608310_x5...cgucgugAgaacacggggugccgaacu..... 1
Gi3_27564422_x5...cgugggaaUacggggugcc..... 1
Gi2_10644955_x5...gugNgaacacggggugccgaac..... 1
Gi2_10649885_x5...gggaacacggggugAcgaacu..... 1
Gi4_535233_x5...cgAgggaacacggggugccgaacu..... 1
Gi2_10639620_x5...aucggagacgucguggggaacacggAgu..... 1
Gi2_10626745_x5...cguggggaacacggAgugccgaa..... 1
Gi3_27560157_x5...ugggaacaUggggugccgaa..... 1
Gi2_10661371_x4...gaaacacggggugccAaac..... 1

Gi3_27684157_x4.....gucguUggaacacggggugccgaacu..... 1
Gi3_27675701_x4.....aucggagacgucgugggaGcacggggugcc..... 1
Gi3_27781173_x4.....ucgugggaacacggggGgccg..... 1
Gi3_27687049_x4.....acguGgugggaacacggggugccgaacu..... 1
Gi3_27760833_x4.....ugggaacacgAggugccg..... 1
Gi1_4032344_x4.....ucgugggaacacAgggugccgaac..... 1
Gi2_10653975_x4.....gacgucgugggaacacggggugccAaacu..... 1
Gi3_27788337_x4.....ggaacacggggugcGgaacu..... 1
Gi1_4023156_x4.....agacgucgugggaacacggggugcUgaacu..... 1
Gi2_10690667_x4.....aucggagacgucgugggaacacggggugU..... 1
G1a_5804378_x4...Uaucggagacgucgugggaacacgg..... 1
Gi2_10711947_x4.....cguAggaacacggggugccgaa..... 1
Gi3_27794453_x4.....ggaUcacggggugccgaac..... 1
Gi2_10696715_x4.....uggNaacacggggugccgaacu..... 1
Gi3_27721625_x4.....Gcggagacgucgugggaacac..... 1
Gi1_4028344_x4.....cgCgugggaacacggggugcc..... 1
Gi3_27775837_x4.....gugggaacacggCgugcc..... 1
Gi2_10710311_x4.....ucgugggGcacggggugcc..... 1
Gi3_27666057_x4.....aucggCgacgucgugggaacacgg..... 1
Gi1_4023716_x4.....Gcgugggaacacggggugccga..... 1
Gi3_27793193_x4.....Gggagacgucgugggaacac..... 1
Gi2_10653815_x4.....cgucgugggaacacggggGgccga..... 1
Gi3_27790589_x4.....cgucgGgggaacacggggugcc..... 1
Gi3_27769557_x4.....cgucgugggaacacggggugccUac..... 1
Gi3_27731393_x4.....cgugggaacacAgggugccg..... 1
Gi3_27794833_x4.....aucggagacgucAugggaacacgg..... 1
Gi2_10715627_x4.....aucggagacgucgugggaacacAgg..... 1
Gi3_27732497_x4.....ucgugggUcacggggugccgaac..... 1
Gi2_10698011_x4.....gugggaacUcggggugccg..... 1
Gi3_27681521_x4.....ucgugggGcacggggugccg..... 1
Gi5_8625903_x4.....Gcgugggaacacggggugcc..... 1
G1a_5797466_x4.....guNggaacacggggugccgaacu..... 1
Gi5_8627695_x4.....cCugggaacacggggugccgaac..... 1
Gi1_4027792_x4.....gucguAggaacacggggugccgaacu..... 1
Gi3_27659433_x4.....aUcacggggugccgaacuu..... 1
Gi1_4036936_x4.....gacgucgugggaacacggggGgccg..... 1
Gi4_539622_x4.....cgGgggaacacggggugccgaacu..... 1
Gi2_10673467_x4.....agacAucgugggaacacggggugcc..... 1
Gi3_27794513_x4...Aaucggagacgucgugggaac..... 1
Gi1_4042580_x4.....aacNcggggugccgaacu..... 1
Gi2_10721699_x4.....Ugagacgucgugggaacacggggugccgaa..... 1
Gi5_8617983_x4.....gugAgaacacggggugccga..... 1
Gi2_10687451_x4.....gAgaacacggggugccgaa..... 1
Gi3_27667609_x4.....uggAaacacggggugccga..... 1
Gi2_10705439_x4.....gUcacggggugccgaac..... 1
Gi5_8627263_x4.....gugggaacacggggugcUga..... 1
Gi3_27718989_x4.....aucgUagacgucgugggaacac..... 1

Gi5_8640219_x4.....ucguCggaacacggggugccgaacu..... 1
Gi3_27695717_x4.....agacgucgugggaacacggggugccgaGc..... 1
Gi2_10702375_x4.....uggAaacacggggugccga..... 1
Gi3_27712373_x4.....cgucgugggaacacggggugccgaG..... 1
Gi2_10694747_x4.....cgugggGacacggggugccg..... 1
Gi1_4044232_x4.....acgucgugggaacacggggugUcgaacu..... 1
Gi2_10675959_x4.....cgucUugggaacacggggugcc..... 1
Gi2_10686719_x4.....aucggagacgucgugggaacaUggg..... 1
Gi3_27790997_x4.....gagacgucNugggaacacggggugccgaacu..... 1
Gi2_10686251_x4.....ucggagacgucgugggCacacg..... 1
Gi4_541546_x4.....gugggaacacggggugccgaUc..... 1
Gi3_27671713_x4.....ugggaacacggggGgccga..... 1
Gi3_27792073_x4.....acgucgugggaacacggggugcAga..... 1
Gi1_4021380_x4.....Ucgucgugggaacacggggugccgaacu..... 1
Gi2_10680839_x4.....acgucgugggGacacggggugc..... 1
G1a_5802902_x4.....uggAaacacggggugccgaacu..... 1
Gi5_8639299_x4.....gGgacgucgugggaacacggggugccgaacu..... 1
Gi1_4041168_x4.....agacgucgugggaacacggggugccgCacu..... 1
Gi3_27706697_x4.....Agagacgucgugggaacacg..... 1
Gi2_10665487_x4.....cCugggaacacggggugccga..... 1
Gi3_27724617_x4.....gaucggagacgucguAggaacacg..... 1
Gi3_27734657_x4.....cgugggaacacggAgugccga..... 1
Gi1_4038304_x4.....uAgugggaacacggggugccgaacu..... 1
Gi2_10664755_x4.....Gucggagacgucgugggaa..... 1
Gi2_10666627_x4.....cgugggCacacggggugccgaac..... 1
Gi2_10687287_x4.....gaucggagacgucgugggG..... 1
Gi3_27733249_x4.....ugggaacacggggUccgaacu..... 1
Gi2_10678687_x4.....gugggaUcacggggugcc..... 1
Gi3_27687089_x4.....cgucgugggaacacgAggugccgaac..... 1
Gi3_27729245_x4.....gaucggagacgucgugggaaAacgg..... 1
Gi3_27705485_x4.....guggCaacacggggugccg..... 1
Gi2_10691219_x4.....gaucggagacgucgugggaacacAgggu..... 1
Gi5_8624055_x4.....ugggaacacggggugccgaG..... 1
Gi3_27665969_x4.....cgucgugggaaAacggggugc..... 1
Gi2_10697295_x4.....acgucgugggCacacggggugccgaacu..... 1
Gi5_8636703_x4.....gacgucgugggaacacggggAgccgaacu..... 1
Gi1_4033604_x4.....gugggaacNcggggugccgaac..... 1
Gi3_27782337_x4.....cgucgCgggaacacggggugccga..... 1
Gi2_10655283_x4.....cAugggaacacggggugc..... 1
Gi5_8614675_x4.....gaacacCgggugccgaacu..... 1
Gi5_8619859_x4.....ucgugggaacacggUgugccgaacu..... 1
Gi2_10675799_x4.....gucgugggaacacggggugccgaUc..... 1
Gi3_27706641_x4.....ugggaacacggggugccgaaGu..... 1
Gi2_10669819_x4.....gaucggGgacgucgugggaacacggggg..... 1
Gi1_4040560_x4.....gCaacacggggugccgaac..... 1
Gi5_8625411_x4.....aucggagacgucgugggaCcacgggg..... 1
Gi3_27724549_x4.....aucggagacgucgugggaacacggggugUc..... 1

Gi5_8610871_x4.....gugggGacacggggugccga..... 1
 Gi3_27734901_x4.....gggaacacggggugccgGa..... 1
 Gi3_27780773_x4....aucggagaGgucgugggaaacacggg..... 1
 Gi5_8647279_x4.....Aggaacacggggugccgaa..... 1
 Gi1_4027268_x4.....gugggaacGcggggugccgaac..... 1
 Gi1_4025856_x4.....Ugaacacggggugccgaacuu..... 1
 Gi3_27661909_x4.....ucgugggaacCggggugc..... 1
 Gi2_10677191_x4....gaucggagacgucgugggaaacacAgg..... 1
 Gi2_10675075_x4.....aUgucgugggaaacacggggugccgaac..... 1
 Gi3_27722713_x4.....cgugAgaacacggggugccg..... 1
 Gi3_27791829_x4.....agacgucgugggaaacacggggugcAgaacu..... 1
 Gi3_27714693_x4.....cgugggaaAacggggugcc..... 1
 Gi3_27714377_x4....aucggagacgucgugggaaGacg..... 1
 Gi3_27683321_x4.....aNcacggggugccgaacu..... 1
 Gi5_8624931_x4.....gugggaacacggggCgcc..... 1
 Gi3_27670673_x4.....Ccgucgugggaaacacggggugccgaac..... 1
 Gl1a_5810490_x4.....Ggugggaacacggggugc..... 1
 Gi3_27783793_x4.....gggaacaAggggugccgaac..... 1
 Gi1_4030328_x4.....Ggugggaacacggggugccgaacuu..... 1
 Gi2_10693955_x4....gaAcggagacgucgugggaaacacgggg..... 1
 Gi5_8641007_x4.....gucgugggaaacacggggAaccgaacu..... 1
 Gi3_27698385_x4.....Gcggagacgucgugggaaacacggggugc..... 1
 Gi3_27733805_x4.....cgucgugggaaacCggggugccg..... 1
 Gi5_8639815_x4.....gggaacacggggugccgCac..... 1
 Gi2_10697815_x4.....cgucgugggaaacacggggugccAaacu..... 1
 Gi3_27696765_x4....cgUucggagacgucguggg..... 1
 Gi1_4037592_x4....aucggagaNgucgugggaaacacgggg..... 1
 Gi3_27792861_x4.....agUcgucgugggaaacacggggugccgaac..... 1
 Gl1a_5799366_x4.....gggaacacggggGgccgaacu..... 1
 Gi3_27771361_x4.....gucgugggaaacacggggugAcgaac..... 1
 Gi1_4038836_x4.....Aggaacacggggugccgaac..... 1
 Gi2_10722959_x4....gaucggagGcucgugggaaacacggggugcc..... 1
 Gi1_4020944_x4.....gggaacacggggugUcgaacu..... 1
 Gi4_539458_x4.....cgugggaacacggggugccgaCcu..... 1
 Gi2_10666631_x4.....cgucgugggaaacCggggugcc..... 1
 Gi5_8638159_x4.....ucgugUgaacacggggugccgaacu..... 1
 Gi5_8623515_x4.....gggaacacggggGgccgaa..... 1
 Gi2_10686939_x4.....acgucgugggaaacacggggugccgaac..... 1
 Gi1_4039724_x4.....Nacacggggugccgaacu..... 1
 Gi1_4033264_x4.....cgucgugggaaacacggggugc..... 0
 Gi3_27785953_x4.....cgucgugAgaacacggggugccg..... 1
 Gi2_10694179_x4.....cgucgugggaaacacggggugccA..... 1
 Gi2_10658387_x4.....cgugggaacacggggugcUgaa..... 1
 Gi1_4020072_x4.....cgucgugggaaacacggggugcUgaacu..... 1
 Gi2_10692675_x4.....acgucgugggaaacacggggugcUgaacu..... 1
 Gi3_27770241_x4.....gggaacacgggAugccgaa..... 1
 Gi3_27767441_x4.....uUgugggaacacggggugc..... 1

Gi1a_5811798_x4	...gaucggagacgucgugggaacacggggugc	0
Gi2_10657759_x4	...acgucgugggaCacggggugccgaacu	1
Gi3_27788733_x4	...gaucggagacgucgugggaaAacggg	1
Gi3_27661701_x4	...cgugggaaacacAgggugccgaa	1
Gi2_10682659_x4	...Cgggaacacggggugccga	1
Gi5_8647967_x4	...gugggaaUacggggugccgaac	1
Gi2_10691539_x4	...ugggaUcacggggugccgaacu	1
Gi2_10658167_x4	...Uagacgucgugggaacacggg	1
Gi3_27717045_x4	...gaAcggagacgucgugggaacacggg	1
Gi5_8627283_x4	...gggaacacggUgugccgaacu	1
Gi2_10706683_x4	...ucgAgggaacacggggugccgaac	1
Gi2_10701051_x4	...cgUagacgucgugggaacacggggugcc	1
Gi3_27669845_x4	...cgucgugggaacacggggugccgaaU	1
Gi5_8615267_x4	...agacgucgugggaacacggggugccgGacu	1
Gi1a_5797090_x4	...guUggaacacggggugccgaac	1
Gi2_10655663_x4	...gggaacacggggugccgaaU	1
Gi3_27784565_x4	...gacgucgugggaacGcggggugccgaac	1
Gi3_27788077_x4	...ucgGgggaacacggggugccg	1
Gi1a_5771014_x4	...Aaucggagacgucguggg	1
Gi4_542342_x4	...gugggaacGcggggugccgaacu	1
Gi3_27716841_x4	...cgugggaacacgggAugc	1
Gi5_8634323_x4	...Cacgucgugggaacacggggugccgaacu	1
Gi5_8608931_x4	...Ugacgucgugggaacacggggugccgaacu	1
Gi5_8618879_x4	...gugggaacacggggugccgCacuu	1
Gi3_27669029_x4	...gggaUcacggggugccgaac	1
Gi2_10665855_x4	...Caucggagacgucgugggaacacggg	1
Gi3_27665341_x4	...gGucggagacgucguggga	1
Gi2_10696631_x4	...gaacacggggugcGgaacu	1
Gi1_4030608_x4	...ucgugggaacacggggugccUaacu	1
Gi2_10683255_x4	...ggaaacacggggugccAaa	1
Gi5_8646047_x4	...gugggaacacUgggugccgaacu	1
Gi2_10682535_x4	...ucgugggaNcacggggugccgaa	1
Gi3_27737053_x4	...Uacgucgugggaacacggggugcc	1
Gi1_4025912_x4	...cgucgugggaacacggggugUcgaacu	1
Gi3_27715405_x4	...acgucgugggaacacAgggugccgaac	1
Gi1_4043352_x4	...acgucgugggaacacggggugccAaacu	1
Gi5_8616231_x4	...gugggaacNcggggugcc	1
Gi3_27683429_x4	...gggaacacggggAgccgaa	1
Gi1_4031100_x4	...aGcggagacgucgugggaacacggg	1
Gi3_27768609_x4	...cguggAaacacggggugcc	1
Gi3_27777817_x4	...cAgagacgucgugggaacacggggugcc	1
Gi2_10706547_x4	...gggaacacgUggugccgaacu	1
Gi2_10654507_x4	...gagacgucgugggaacacggggg	0
Gi2_10714459_x4	...aucggCgacgucgugggaacacggggugc	1
Gi2_10651723_x4	...ucgugUgaacacggggugccgaacu	1
Gi1_4028996_x4	...gAgggaacacggggugccgaac	1
Gi3_27721385_x4	...gucgugggaacacggUgugccgaacu	1

Gi3_27741125_x4.....cgucguggNaacacggggugccgaa..... 1
Gi2_10674407_x4.....cgugggaacacgggAugcc..... 1
G1a_5792154_x4.....Ugagacgucgugggaacacg..... 1
Gi2_10665843_x4.....uGgugggaacacggggugcc..... 1
Gi5_8644647_x4.....ucgugggaNcacggggugccgaac..... 1
Gi1_4045516_x4.....aaAacggggugccgaacu..... 1
Gi3_27752801_x4.....gGgacgucgugggaacac..... 1
Gi2_10651487_x4.....cgucgugggaacacgAggugccgaacu..... 1
Gi3_27723293_x4.....acgucAugggaacacggggugccgaac..... 1
G1a_5796122_x4.....ggaacaUggggugccgaacu..... 1
Gi2_10700259_x4.....Ugacgucgugggaacacggggugccgaac..... 1
Gi3_27662145_x4.....cgucAugggaacacggggugccgaac..... 1
Gi3_27720757_x4...cgUucggagacgucgugggaacacg..... 1
Gi2_10661295_x4.....gugggaacacggggugccU..... 1
Gi3_27678173_x4.....acgucAugggaacacggg..... 1
Gi2_10688691_x4...Caucggagacgucgugggaacacggggu..... 1
G1a_5775102_x4...aucggagaNgucgugggaacacggg..... 1
Gi3_27707389_x4...gaucggagacgCcgugggaacacggggu..... 1
Gi1_4024348_x4.....gacgucgugggaacacggggGgccgaacu..... 1
Gi5_8604559_x4.....agacgucguAggaacacggggugccgaacu..... 1
Gi1_4026088_x4.....ugggaacacggggugccgGac..... 1
Gi5_8607575_x4.....gucgugggNcacggggugccgaac..... 1
Gi5_8617687_x4.....ggaacacggggugccgaGc..... 1
Gi5_8649447_x4.....acgucgugggaaAacggggugccgaacu..... 1
Gi3_27666293_x4.....cgugggaacacgUggugccgaa..... 1
Gi2_10686083_x4.....cCugggaacacggggugccgaa..... 1
Gi5_8604567_x4.....gucgugggaacacggggugccgaaUu..... 1
Gi2_10696751_x4.....cgAcgugggaacacggggugcc..... 1
Gi5_8611951_x4.....ugggaacacUgggugccgaacu..... 1
Gi4_540638_x4.....cAugggaacacggggugccgaacu..... 1
Gi3_27778977_x4.....cgugggaacacggAgugcc..... 1
Gi2_10657643_x4.....gacguUgugggaacacggggu..... 1
Gi1_4042292_x4.....cgugggaacacggggugccgC..... 1
Gi2_10670675_x4...gaucggagNcgucgugggaacac..... 1
Gi2_10681195_x4.....cgucgugggaaUacggggugccgaa..... 1
Gi2_10715947_x4...aucggagacAucgugggaacacggggugc..... 1
Gi2_10712395_x4.....gacgCcgugggaacacggggugccgaacu..... 1
Gi2_10722395_x4.....ugNgaacacggggugccgaacu..... 1
Gi2_10708799_x4...aucggagaUgucgugggaacac..... 1
G1a_5788794_x4...aucggagacgucgAgggaacacggggu..... 1
Gi3_27771821_x4...Ggaucggagacgucguggg..... 1
Gi2_10666675_x4.....gugggaCcacggggugccgaa..... 1
Gi3_27717725_x4.....cgucgugggaaAacggggu..... 1
Gi1_4025908_x4.....cgugggaaNacggggugccgaac..... 1
Gi3_27692733_x4.....gacgucgAgggaacacggggugccgaacu..... 1
Gi2_10678603_x4...aucggagacgucgugggaGcacggggug..... 1
Gi3_27710389_x4...gaucggagacgucgugggaacacggggGgc..... 1

Gi2_10660043_x4.....ucggagacNucgugggaacacgggg..... 1
Gi2_10713623_x4.....aucggCgacgucgugggaacac..... 1
Gi1_4024244_x4.....gucgGgggaacacggggugccgaacu..... 1
Gi2_10697007_x4.....ugggaacacggggugccAa..... 1
Gi2_10657403_x4.....gacgucgugggaacacggggugcAgaacu..... 1
Gi2_10679019_x4.....ucgugggaacacUgggugccgaac..... 1
Gi3_27713849_x4...Ggaucggagacgucgugggaacacggggugcc..... 1
Gi2_10668115_x4...gaucAgagacgucgugggaacacggg..... 1
Gi2_10653491_x4.....cgugggaacacggAgugccga..... 1
Gi1_4038064_x4.....uAggaacacggggugccgaac..... 1
Gi3_27769929_x4.....cgucgugggaacacgAgggugcc..... 1
Gi1_4025724_x4.....aCcacggggugccgaacu..... 1
Gi1_4039392_x4...auUggagacgucgugggaacacggggugcc..... 1
Gi3_27715657_x4.....gugggaacacggggugcGga..... 1
G1a_5771934_x4.ugcgauccggagacgucgugggaacacgggggu..... 0
Gi3_27690457_x4...gaucggagacAucgugggaacacg..... 1
Gi3_27735993_x4.....ucgugggaGcacggggugccg..... 1
Gi2_10653139_x4...aCcgagacgucgugggaacacggg..... 1
Gi2_10704323_x4.....acgucgugggaacacggggugccgaUc..... 1
Gi5_8631799_x4...auUggagacgucgugggaacacgggg..... 1
Gi3_27776133_x4.....ucguUggaacacggggugccg..... 1
Gi3_27695501_x4.....ggAaacacggggugccga..... 1
Gi2_10702883_x4...gaucggagacgucgugggaacacgggAu..... 1
Gi1_4031264_x4.....aacacggggugAcgaacu..... 1
Gi2_10700367_x4.....gagGcucgugggaacacggggugc..... 1
Gi5_8649595_x4...aucggagacgucgugggaGcacg..... 1
Gi2_10663883_x4.....acgucgugggaacacggggGgccgaac..... 1
Gi3_27752597_x4...ucggagacgucgugggaGcacg..... 1
Gi3_27777973_x4...ucggagacNucgugggaacac..... 1
Gi3_27701465_x4.....gucgugggNacacggggugccga..... 1
Gi3_27697221_x4.....cguUgugggaacacggggugccgaac..... 1
Gi3_27795205_x4.....cgugggaacacggggGgccgaa..... 1
G1a_5786962_x4...aucggagacgucgugggaacGcgggggu..... 1
Gi2_10706939_x4.....aacNcggggugccgaacu..... 1
Gi5_8608435_x4...aucggagacgucgugggaCcacgggggu..... 1
G1a_5771198_x4...aGcggagacgucgugggaacacggggugc..... 1
Gi3_27770185_x4.....ugggaacacggggugGcga..... 1
Gi3_27707805_x4...aucggagacgucgGgggaacacgggg..... 1
Gi3_27666957_x4.....ggaaUacggggugccgaa..... 1
Gi3_27779025_x4...cggagacgNcgugggaacacgggg..... 1
Gi3_27665753_x4.....gagacgucgCgggaacacgggggu..... 1
G1a_5793330_x4...aucggagaNucguggga..... 1
Gi1_4047116_x4.....Ncgugggaacacggggugccgaacu..... 1
Gi3_27780521_x4...aucggagacgucgugggaAacggg..... 1
Gi3_27734585_x4.....aGacggggugccgaacuu..... 1
Gi5_8643479_x4.....ggaacacgCggugccgaacu..... 1
Gi2_10680863_x4.....gagacgucgugggaacGcggggug..... 1

Gi2_10691303_x4.....cgugggaGcacggggugc..... 1
Gi3_27691521_x4.....cgucgugggaacGacggggugccgaacu..... 1
Gi5_8639555_x4.....cgucgugggaacacggggGgcc..... 1
Gi2_10714363_x4.....gggaacaAggggugccgaac..... 1
Gi3_27687029_x4.....cgugggaacacggggGgc..... 1
Gi1_4025728_x4.....ucgCgggaacacggggugccgaac..... 1
Gi3_27756909_x4.....ggaacacggggugcUgaa..... 1
Gi2_10655843_x4.....gugggaacacggggugccUaac..... 1
Gi2_10671239_x4.....gaucggagacgucguggaacG..... 1
Gi3_27778497_x4.....aucggagacgucgugUgaacacg..... 1
Gi3_27707665_x4.....cgucUugggaacacggggugccga..... 1
Gi5_8624767_x4.....aucggagaNgucgugggaacacgggggu..... 1
Gi5_8634123_x4.....cgucguggNaacacggggugc..... 1
Gi5_8617675_x4.....cgugggaacacggggCgccgaac..... 1
Gi5_8641743_x4.....gugggaacCcggggugcc..... 1
Gi2_10689127_x4.....gauUggagacgucgugggaacacggggugc..... 1
Gi3_27716605_x4.....ugggaacacggggUcccgaac..... 1
Gi1_4036740_x4.....gGcugcugggaacacggggugccg..... 1
Gi2_10651315_x4.....gggaacacggggugccgaG..... 1
Gi3_27781837_x4.....acAucgugggaacacggggugccgaac..... 1
Gi3_27698393_x4.....aUgucgugggaacacggggugcc..... 1
Gi3_27702717_x4.....ucgugggaacacggggugccgUac..... 1
Gi5_8605147_x4.....uAggaacacggggugccgaa..... 1
Gi5_8622043_x4.....gggaacacgUggugccgaacu..... 1
Gi2_10657831_x4.....aucggagacgucguggCacacggggug..... 1
Gi1_4023168_x4.....gucgugggaacacggggugccAaacu..... 1
Gi1_4031496_x4.....ugggaacacggggugccgaacAu..... 1
Gi2_10710563_x4.....ugggaacCcggggugccga..... 1
Gi3_27795073_x4.....aucggagacgucgugAgaacacgggg..... 1
Gi2_10669555_x4.....aucggagacgucgCgggaacacg..... 1
Gi3_27756937_x4.....aucggagacgucguggAaacacggggugccga..... 1
Gi3_27712817_x4.....aucgCagacgucgugggaacacggg..... 1
Gi3_27760709_x4.....aucggagacgucgugggaacCcggggugcc..... 1
Gi1_4043696_x4.....cgucgugggaacacggggugccgGacu..... 1
Gi3_27776897_x4.....cgucguAggaacacggggugccg..... 1
Gi3_27726041_x4.....cUgagacgucgugggaacacggggugccg..... 1
Gi3_27669709_x4.....aucggagacgucgugggaacacgCg..... 1
Gi1_4019580_x4.....gugggaacacggggCgcc..... 1
Gi3_27790425_x4.....cgugggaacCcggggugccgaa..... 1
G1a_5801690_x4.....cgugggaacacgggAugccgaacu..... 1
Gi3_27705125_x4.....gggaacacggggugGcgaacu..... 1
Gi2_10684815_x4.....aucggagacguUguggaacac..... 1
Gi1_4043060_x4.....aucggagacgucgugggaacacggggug..... 0
Gi3_27720185_x4.....cgugggaacacggggugccgU..... 1
Gi2_10718983_x4.....gaucggagacgucgugggaaUacggg..... 1
Gi1_4033860_x4.....guggCaacacggggugccgaacu..... 1
Gi2_10686547_x4.....ucgugggaGcacggggugccg..... 1

Gi2_10722551_x4.....cguAggaacacggggugcc..... 1
 Gi3_27793241_x4.....gugggaUcacggggugccga..... 1
 Gi2_10667583_x4...gGucggagacgucgugggaac..... 1
 Gl1a_5807754_x4.....gugggaacacggggGgcc..... 1
 Gi2_10718483_x4.....gugggaacacggggugcUgaa..... 1
 Gi3_27785525_x4.....gucgugggGcacggggugcc..... 1
 Gi3_27752789_x4...cgUucggagacgucgugggaacacgggggu..... 1
 Gi3_27703125_x4.....gucgugggaacGcggggugc..... 1
 Gi3_27729933_x4.....cgucgugggaacacgggAgugccgaac..... 1
 Gi3_27719861_x4.....ugggaacaAggggugccgaa..... 1
 Gi3_27705521_x4....aucggagaUgucgugggaacac..... 1
 Gl1_4038772_x4.....gucgugggaacacgAggugccgaacu..... 1
 Gl1a_5801170_x4...gGucggagacgucgugggaacacggg..... 1
 Gl1a_5795834_x4....aucggagacgucgugggaCcacggg..... 1
 Gi2_10673959_x4....aAcggagacgucgugggaacacg..... 1
 Gl1_4037992_x4.....ugggaacacggggugccgaUc..... 1
 Gi2_10716535_x4.....cggagacguUgugggaacacggggugcc..... 1
 Gi3_27770577_x4.....gagacgucgugggaacacggggugccgaCcu..... 1
 Gi2_10718559_x4.....gggGacacggggugccgaa..... 1
 Gi2_10720603_x4.....cgugggaGcacggggugccgaa..... 1
 Gi2_10690583_x4.....gugggaacacgggAugccga..... 1
 Gi2_10695351_x4.....uggAaacacggggugccg..... 1
 Gl1_4040668_x4.....cgucgugggaacacggggguAccgaacu..... 1
 Gi3_27741129_x4.....aacacggggguCccgaacu..... 1
 Gi3_27775985_x4.....gacgucgugggaacacggggGgccg..... 1
 Gi3_27782921_x4....cggagacgucguAggaacacggggugcc..... 1
 Gi3_27753805_x4....cggagacgucgugggaacGcgggggu..... 1
 Gi3_27733677_x4.....cgugggUacacggggugcc..... 1
 Gi2_10650715_x4.....gucgugggaacCcggggugc..... 1
 Gi2_10652547_x4.....cgucAugggaacacggggugccga..... 1
 Gi3_27726709_x4.....gacgucgugggaacacggggugccgGacu..... 1
 Gi2_10703771_x4.....gGcgucgugggaacacggggugc..... 1
 Gi2_10677851_x4.....ucgugggaacacggggCgccgaa..... 1
 Gi2_10708903_x4.....gugggaacacggggUccgaac..... 1
 Gi2_10703519_x4.....Agucgugggaacacggggugcc..... 1
 Gi3_27774305_x4.....Gcgucgugggaacacggg..... 1
 Gl1_4023196_x4.....gucgugggaacGcggggugccgaacu..... 1
 Gl1_4025196_x4.....ggaacacggggCgccgaac..... 1
 Gi2_10661719_x4.....cgucgCgggaacacggggugccga..... 1
 Gi2_10683543_x4.....agacgucgCgggaacacggggugccgaacu..... 1
 Gl1_4044024_x4...cgaucggagacgucgugg..... 0
 Gi2_10654643_x4.....ugggaacacggggugccA..... 1
 Gi2_10700199_x4...gaucUgagacgucguggga..... 1
 Gi2_10683771_x4....aucggagacgucgugAgaacacggg..... 1
 Gl1_4039652_x4....aucggGgacgucgugggaacac..... 1
 Gi2_10665167_x4....cgucgugAgaacacggggugccga..... 1
 Gi3_27692461_x4....aucggagacgucgugggaacacgggU..... 1

Gi3_27674801_x4.....uggaacacgUggugccgaac.....	1
Gi2_10722983_x4.....uggaacacgggAugccgaac.....	1
Gi1_4040776_x4.....gGcgugggaacacggggug.....	1
Gi3_27692645_x4...gaucggagCcgucgugggaacacggggg.....	1
Gi3_27730009_x4.....gGgacgucgugggaacacggggugccg.....	1
Gi1_4044872_x4.....gugUgaacacggggugccgaacu.....	1
Gi3_27688325_x4Gugcgauccgagacgucg.....	1
Gi3_27705049_x4...gaCcgagacgucgugggaacac.....	1
Gi1_4021340_x4.....cgugggaacacgggCugccgaacu.....	1
Gi3_27783021_x4.....Cggaacacggggugccga.....	1
Gi2_10689619_x4.....ucgugggUacacggggugccgaac.....	1
Gi1_4041564_x4.....cgucgugggaacacAgggugccgaacu.....	1
Gi2_10700343_x4.....aacacgggCugccgaacu.....	1
Gi2_10706567_x4.....cgucgugggaacacAgggugc.....	1
Gi2_10697951_x4.....ucgugCgaacacggggugccgaacu.....	1
Gi2_10663267_x4.....gugggaacacggggugccC.....	1
Gi2_10688771_x4.....cCucgugggaacacggggugccgaac.....	1
Gi3_27748285_x4.....cgucgugggaacacggggugccgGac.....	1
Gi2_10715419_x4...aucgUagacgucgugggaacacggg.....	1
Gi3_27714501_x4.....cgugggaacacgggCugccga.....	1
Gi1_4037020_x4.....ggaacacggggugccgCac.....	1
Gi2_10691855_x4...aucggagacgucgugggaCcacgg.....	1
Gi3_27726945_x4.....gGcgucgugggaacacgg.....	1
Gi3_27701273_x4...ucggagacNucgugggaacacgg.....	1
Gi3_27761589_x4...aucggagacgucguAggaacac.....	1
Gi1_4040760_x4.....gggaacUcggggugccgaacu.....	1
Gi5_8624831_x4.....uggAaacacggggugccgaa.....	1
Gi3_27717401_x4.....cgugggaacaUggggugccga.....	1
Gi2_10688423_x4.....acgucgugggaacGcggggugcc.....	1
Gi2_10713683_x4.....ugggaGcacggggugccgaacu.....	1
Gi5_8608663_x4.....ugggaGcacggggugccgaa.....	1
Gi3_27702173_x4.....gucgugggaacacggggugccgUac.....	1
Gi5_8640451_x4.....agacgCcgugggaacacggggugccgaacu.....	1
Gi1_4045568_x4.....ggagacgucgugggGacacggggugcc.....	1
Gi1a_5797370_x4.....gugggaCcacggggugccgaacu.....	1
Gi1_4025900_x4.....cggagacgucgugggaacacggggugccgaacA.....	1
Gi2_10717723_x4.....cggagacgucguUggaacacggggugc.....	1
Gi2_10701151_x4...gaucggagacgucgugggaacacggggGgc.....	1
Gi3_27759553_x4.....cgugggCacacggggugccga.....	1
Gi1_4042752_x4.....ucguCggaacacggggugccgaacu.....	1
Gi1_4037868_x4...aCcgagacgucgugggaacacg.....	1
Gi2_10669615_x4.....gugggaacacgggUgugccgaa.....	1
Gi3_27792301_x4.....cgugggaacacAgggugcc.....	1
Gi1_4031884_x4...auUggagacgucgugggaacacg.....	1
Gi2_10715967_x4...aucggagacgucgugggaacacgAggu.....	1
Gi3_27703261_x4.....cgNgggaacacggggugccgaac.....	1
Gi2_10684891_x4.....ggagacgucgugggaaca.....	0

Gi3_27715809_x4.....aucNgagacgucgugggaacacggggu..... 1
Gi3_27697101_x4.....gggaacacggggugccgaCcuu..... 1
Gi3_27733253_x4.....cggagacgucgugAgaacacggggugcc..... 1
Gi1_4018700_x4.....guggUaacacggggugcc..... 1
Gi2_10653783_x4.....gAgggaacacggggugccgaa..... 1
Gi3_27786137_x4.....Gggagacgucgugggaacacg..... 1
Gi3_27726681_x4.....ucgugggaacCggggugccg..... 1
Gi2_10660843_x4.....ggaacacgggguCccgaacu..... 1
Gi1_4038824_x4.....acgucgugggaacGcggggugccgaacu..... 1
Gi1_4036300_x4.....Uaucggagacgucgugggaacacggggu..... 1
Gi3_27743201_x4.....cgucgugggaacacgggAugc..... 1
Gi2_10689999_x4.....cAugggaacacggggugccgaa..... 1
Gi5_8648859_x4.....cgugggaacacggggugccgaaU..... 1
Gi1_4018832_x4.....acUucgugggaacacggggugccgaacu..... 1
Gi5_8624251_x4.....gacgucgCgggaacacggggugccgaacu..... 1
G1a_5774446_x4.....gucgugggNacacggggugccgaacu..... 1
Gi3_27771653_x4.....gggGacacggggugccga..... 1
Gi2_10688631_x4.....gUucggagacgucgugggaacacg..... 1
Gi1_4043712_x4.....cgucgugggaacacggggugccgaaUu..... 1
Gi2_10696771_x4.....gCacacggggugccgaacu..... 1
Gi2_10702943_x4.....aucggagacgucgugAgaacac..... 1
Gi3_27756501_x4.....aucggagacgucgugggCacacggggugcc..... 1
Gi2_10693883_x4.....gucgugggaacacgggAgugccgaac..... 1
Gi3_27728941_x4.....aucggagacgucgugggaacacAgggugc..... 1
Gi3_27659185_x4.....gCacacggggugccgaac..... 1
Gi1_4027332_x4.....uGgugggaacacggggugc..... 1
Gi2_10720291_x4..Ucgauccgagacgucgugggaaca..... 1
Gi3_27750213_x4.....aUacgucgugggaacacggggugccgaa..... 1
Gi3_27744237_x4.....acgucgugggaacacggggugccgGac..... 1
Gi4_541694_x4.....cgucgugggaacacggggGgccga..... 1
Gi3_27692653_x4.....cgucgugggCacacggggugccgaacu..... 1
Gi2_10713587_x4.....gucgugggaacaUggggugccgaac..... 1
Gi3_27768137_x4.....aucggUgacgucgugggaacacggggu..... 1
Gi2_10659323_x4.....aucggagCcgucgugggaacacggggugcc..... 1
Gi3_27777709_x4.....ugggaacacggggugcAga..... 1
Gi3_27763373_x4.....gucgugggaacacggggugUcgaac..... 1
G1a_5803606_x4.....ggaaUacggggugccgaacu..... 1
Gi1_4039560_x4.....aacacggCgugccgaacu..... 1
Gi2_10666823_x4.....ggagacgucgugggaacacggggCgc..... 1
Gi2_10664675_x4.....Gucggagacgucgugggaacacgg..... 1
Gi5_8647267_x4.....Agggaacacggggugccgaac..... 1
Gi2_10653691_x4.....Cgagacgucgugggaacacggggug..... 1
Gi3_27771669_x4.....ggaacacggggugGcgaac..... 1
Gi2_10663879_x4.....gaucggagacgCcgugggaacacggggugc..... 1
Gi2_10708887_x4.....agacgucgugggaacacggggugccgaGcu..... 1
Gi2_10717987_x4.....gaGcggagacgucgugggaacac..... 1
Gi5_8622631_x4.....cgucgugggaacacgAggugccgaacu..... 1

Gi3_27661253_x4.....gaUgucgugggaacacggg..... 1
Gi3_27679521_x4....gaucggagacgucgugggGacacg..... 1
Gi2_10674867_x4....aucggagacgucgugggaacacggAgugcc..... 1
Gi5_8631911_x4.....agacgucgugggaacacggggugccAaacu..... 1
Gi3_27750069_x4.....agacgucgugggaacGcggggugccga..... 1
Gi3_27708269_x4....gaucggagGcgucgugggaacacg..... 1
Gi3_27743773_x4.....acguAgugggaacacggggugccgaacu..... 1
Gi2_10693675_x4.....uCGgaacacggggugccgaa..... 1
Gi5_8618343_x4.....cgucgugggaacacggggugccgaacG..... 1
Gi3_27670845_x4....cggagacgucgugggaGcacggg..... 1
Gi3_27782029_x4....uUggagacgucgugggaacacggggugcc..... 1
Gi3_27724069_x4.....ggagGcgucgugggaacacggggg..... 1
G1a_5769530_x4.....cgCgggaacacggggugcc..... 1
Gi3_27784989_x4.....cgucgugggaacacggggugccgUacu..... 1
Gi2_10687223_x4.....uggaacacggggAgccgaac..... 1
Gi2_10709723_x4....gaucggagacgucgugggGaca..... 1
Gi2_10716187_x4.....ggagacgucgugggaGcacggggugc..... 1
Gi1_4028512_x4.....aGgucgugggaacacggggugccg..... 1
Gi3_27700957_x4.....cgucgugggaacaUggggugc..... 1
Gi1_4041324_x4.....Ggggaacacggggugccg..... 1
Gi3_27666805_x4.....guggaacacggggugccUaa..... 1
Gi3_27749517_x4.....acguUgugggaacacggggugccgaac..... 1
Gi5_8649775_x4....aucgUagacgucgugggaacacg..... 1
Gi3_27694661_x4.....ggagacgucgugggGacacg..... 1
Gi3_27700981_x4.....ggCacacggggugccgaac..... 1
Gi3_27696297_x4....gaucggagacgucgCgggaacacgggg..... 1
Gi5_8617719_x4.....agacgucgugggaacacggggugccgaGcu..... 1
Gi3_27780277_x4.....gUcgucgugggaacacggg..... 1
Gi1_4036720_x4.....uggaacacggggugccAaac..... 1
G1a_5771386_x4...cgUucggagacgucgugg..... 1
Gi1_4020984_x4.....acgucgugggaacacggggugcAg..... 1
Gi5_8623475_x4.....gaacaGggggugccgaacu..... 1
Gi5_8609639_x4.....Agggaacacggggugccgaa..... 1
Gi3_27669081_x4.....cgugggaacaUggggugc..... 1
Gi4_543106_x4.....Cugggaacacggggugccgaacu..... 1
Gi2_10652051_x4.....cgugggaCcacggggugccgaac..... 1
Gi2_10712563_x4.....ggagacgucgugggaacacggggAgcc..... 1
G1a_5792278_x4...Ggaucggagacgucgugg..... 1
Gi2_10680359_x4.....acgucAugggaacacggggugccgaacu..... 1
Gi5_8629475_x4.....guggaacacggggugcAgaac..... 1
Gi3_27751249_x4.....agacgucgugggaacacggggugccGacu..... 1
Gi5_8627811_x4.....uggaacacggggCugccgaac..... 1
Gi3_27767317_x4....gaucggagacgucgugggaacacAggg..... 1
Gi2_10676559_x4.....gacgucgugggaCcacggggugccgaacu..... 1
Gi3_27671633_x4.....gggaacacggggugAcgaa..... 1
Gi2_10712927_x4.....cgucgugggaacacggggUaccg..... 1
Gi5_8603019_x4.....cgugggaacacCggggugccgaacu..... 1

Gi1_4035496_x4.....gggaacacggggugAcgaacu..... 1
 Gi3_27756629_x4....aucggagacgAcgugggaacacggggg..... 1
 Gi2_10658539_x4.....ugggaacacggggGgccgaac..... 1
 Gi2_10683087_x4.....gggaacacgggUugccgaacu..... 1
 Gi3_27733157_x4.....cgucguUggaacacggggugccgaacu..... 1
 Gi3_27757225_x4....ucggagacgucgugggaacacggggAgcc..... 1
 Gi2_10658199_x4.....cggagacgucguggAaacacggggugcc..... 1
 Gi5_8641103_x4.....cGcggggugccgaacuuu..... 1
 Gi2_10664023_x4.....aUacgucgugggaacacggggugccga..... 1
 Gi3_27690821_x4....ucggagacgucgugggaacacggggC..... 1
 Gi2_10678979_x4.....gggaacacCggggugccgaacu..... 1
 Gl1a_5787258_x4.....cAugggaacacggggugccgaacu..... 1
 Gi3_27677557_x4....gaucggagacgucgugggaacacAgg..... 1
 Gi1_4020016_x4.....gggaacaAggggugccgaacu..... 1
 Gi3_27691109_x4.....gAagacgucgugggaacacggggugcc..... 1
 Gi2_10681247_x4....cggagacgucgugggaacacggggugccgaa..... 0
 Gi1_4028444_x4.....Ugugggaacacggggugccgaac..... 1
 Gi3_27696041_x4.....cgugggaacacggggAgccga..... 1
 Gi5_8625791_x4.....cgugggaacacggggugccAaac..... 1
 Gi1_4033888_x4.....ugggaacacUgggugccgaacu..... 1
 Gi2_10694191_x4.....aAacgucgugggaacacggggugccgaacu..... 1
 Gi1_4042664_x4.Ggcgaucggagacgucguggga..... 1
 Gi5_8643723_x4.....acgucgAgggaacacggggugccgaacu..... 1
 Gi5_8629723_x4.....cgugggaacacggggCccgaacu..... 1
 Gi3_27763197_x4.....aacGcggggugccgaacu..... 1
 Gi1_4029108_x4.....Aaacacggggugccgaac..... 1
 Gi3_27659837_x4....Gcggagacgucgugggaaca..... 1
 Gi1_4039688_x4.....cgugggaaNacggggugccga..... 1
 Gi3_27778029_x4.....ggagacguNgugggaacacggggg..... 1
 Gi3_27708985_x4.....ggagacgucgCgggaacacggggugcc..... 1
 Gi2_10706099_x4....gaucggagacgucgugggCacacg..... 1
 Gi2_10708987_x4.....ggagacgucgugggaCcacggggugcc..... 1
 Gl1a_5773222_x4....aucggagacgucgugggaacacggggugccgaacu..... 0
 Gi5_8611779_x4.....gugggaacacggggGgccga..... 1
 Gl1a_5783022_x4.....gugggaacacggggCgcc..... 1
 Gi1_4032256_x4.....cUugggaacacggggugcc..... 1
 Gi2_10723243_x4.....gaacGcggggugccgaac..... 1
 Gi3_27670061_x4.....gNgggaacacggggugccgaacu..... 1
 Gi2_10651807_x4.....ugggaacaGggggugccgaacu..... 1
 Gi2_10686883_x4.....gugggaacacggggugccGga..... 1
 Gl1a_5776298_x4.....aacacggggugccAaacu..... 1
 Gl1a_5772950_x4.....cgugUgaacacggggugcc..... 1
 Gi3_27694593_x4.....cgugAgaacacggggugc..... 1
 Gi2_10682939_x4....ucggagacgucgugggaacGcggggugc..... 1
 Gi3_27723269_x4....cUgagacgucgugggaacacggggugccgaacu..... 1
 Gi3_27669909_x4....aucggagacgucAugggaacacgggg..... 1
 Gi2_10655223_x4....aucAgagacgucgugggaacacggg..... 1

Gi1_4017984_x4.....	gggaacacggggugccgaa.....	0
Gi1_4027448_x4.....	ggaacaUggggugccgaac.....	1
Gi2_10684231_x4.....	gugggaacaAggggugccgaa.....	1
Gi2_10697299_x4.....	aucggagCcgucgugggaacacggg.....	1
Gi5_8622655_x4.....	gugggaacacggggugAcgaac.....	1
Gi3_27666501_x4.....	ggagacgucgugggaacacggggGgcc.....	1
Gi2_10665959_x4.....	ugggaacacggAgugccg.....	1
Gi5_8614939_x4.....	aucggagaNgucgugggaacacg.....	1
Gi1_4024168_x4.....	gugggaacNcggggugccg.....	1
Gi3_27747437_x4.....	ugggaacacggGgugccgaac.....	1
Gi2_10666047_x4.....	aucggagacgucgugAgaacacggggugcc.....	1
Gi2_10722283_x4.....	ucggagacgucAugggaacacggggugc.....	1
Gi3_27674365_x4.....	gaacacggggugccgaaA.....	1
Gi5_8617403_x4.....	gUagacgucgugggaaca.....	1
Gi2_10676867_x4.....	aucggagUcgucgugggaacacggggg.....	1
Gi5_8622475_x4.....	cgugggaacacgAggugccgaac.....	1
Gi2_10691555_x4.....	cggagacgucgugggaacaUggggugcc.....	1
Gi1_4041360_x4.....	gaaNacggggugccgaacu.....	1
Gi4_539354_x4.....	aUacgucgugggaacacggggugccgaacu.....	1
Gi3_27700353_x4.....	gacgucgugggaCcacggggugccgaacu.....	1
Gi2_10688163_x4.....	gaucggagacgucgCgggaacacggggug.....	1
Gi2_10708919_x4.....	ggCacacggggugccgaacu.....	1
Gi2_10707471_x4.....	gaucggagacgucgugggaacGc.....	1
Gi2_10679827_x4.....	gaacacggggugGcgaacu.....	1
Gi2_10678563_x4.....	cggagacgucgugggaacacggggugcU.....	1
Gi5_8606787_x4.....	gugAgaacacggggugccgaac.....	1
Gi2_10656135_x4.....	gaucggagacgucgCgggaacacg.....	1
Gi3_27754081_x4.....	guUgugggaacacggggg.....	1
Gi5_8603663_x4.....	ucgugggaacacggggugccgaGc.....	1
Gi2_10681047_x4.....	ucUggggaacacggggugccg.....	1
Gi2_10653319_x4.....	acgucgugggCacacggggugc.....	1
Gi2_10691983_x4.....	ugAgaacacggggugccga.....	1
Gi5_8621383_x4.....	gacgucgugggaacacggggCgcccgaacu.....	1
Gi3_27781861_x4.....	aucggagacgucgugggaacacggggugAc.....	1
Gi5_8635335_x4.....	Ngugggaacacggggugccgaacu.....	1
Gi3_27716193_x4.....	aucggagacgucgugggaacCc.....	1
Gi1_4046432_x4.....	ucgugggaacacggggGgccgaac.....	1
Gi3_27788965_x4.....	gacgucgugggaacGcggg.....	1
Gi2_10700615_x4.....	agacgucgugggaacacggggugcUgaacu.....	1
Gi1_4028704_x4.....	gggaacacggggugccgUacu.....	1
Gi5_8620015_x4.....	gucgugggaacacggggugAcgaacu.....	1
Gi2_10660671_x4.....	gaucUgagacgucgugggaacacggggug.....	1
Gi2_10717167_x4.....	acgucgugNgaacacggggugccg.....	1
Gi2_10654827_x4.....	cgucgugggaacacggggAgcc.....	1
Gi3_27738965_x4.....	ucgNgggaacacggggugccgaac.....	1
Gi2_10657707_x4.....	agacgucgugggaacacggggugccgGacu.....	1
Gi3_27729553_x4.....	cgucgugggaacacggggAgccg.....	1

Gi5_8630143_x4.....ucgNgggaacacggggugccgaacu..... 1
Gi2_10713743_x4.....gacgucgugggaacacggggGgccg..... 1
Gi5_8621247_x4.....uAgugggaacacggggugccgaacu..... 1
Gi2_10678207_x4.....cgugggaacUcggggugcc..... 1
Gi3_27685129_x4.....Ugacgucgugggaacacggggugccgaacu..... 1
G1a_5812278_x4.....gugggaacGcggggugccga..... 1
Gi5_8604779_x4.....uUgugggaacacggggugccgaac..... 1
Gi4_538718_x4.....gacgucgugggaacacggggugccgaacuuu..... 0
Gi2_10689119_x4.....ucgugggaacacggggugcAgaac..... 1
Gi1_4032672_x4.....gaacacggggugGcgaacu..... 1
Gi3_27724525_x4.....cggagacgNcgugggaacacggggugc..... 1
G1a_5800046_x4.....aucggagGcgcgucgugggaacacggg..... 1
G1a_5786810_x4.....cgugggaacacggggugccgaCc..... 1
Gi3_27772421_x4.....ggNaacacggggugccgaacu..... 1
Gi3_27739449_x4.....cgucgugggaacacggUgugccgaacu..... 1
Gi2_10656443_x4.....ucgGgggaacacggggugccgaac..... 1
Gi2_10666131_x4.....gggaaAacggggugccgaac..... 1
Gi2_10701731_x4.....cgugggaacacggggugccAaa..... 1
Gi5_8635359_x4.....gCgaacacggggugccgaac..... 1
Gi1_4019344_x4.....aucggagacgucgugggaaca..... 0
G1a_5767646_x4.....cgugggaacacggggUAccgaacu..... 1
Gi1_4037488_x4.....ggagacgucgugggaacacggggugccgaac..... 0
Gi2_10718503_x4.....aacacggUgugccgaacu..... 1
Gi1_4047268_x4.....ggagacgCcgugggaacacggggugcc..... 1
Gi5_8648679_x4.....gaaAacggggugccgaacu..... 1
Gi1_4039732_x4.....ugggaacacggAgugccgaac..... 1
Gi2_10660479_x4.....aucggagacgucgugggCacacgg..... 1
Gi2_10708443_x4.....cgucgugggaacacAgggugccga..... 1
Gi1_4029492_x4.....Ugagacgucgugggaacacggggug..... 1
Gi3_27687213_x4.....gagGcgcgucgugggaacacggggugccgaac..... 1
Gi3_27762549_x4.....acgNcgugggaacacggggugccgaacu..... 1
Gi3_27697785_x4.....gacgucguAggaacacggggugccgaacu..... 1
Gi3_27662149_x4.....cgugggaacacggggugccCaacu..... 1
Gi5_8604019_x4.....ugggaacacggggugccAaa..... 1
Gi3_27663717_x4.....gaucggagacgucgugggaacacA..... 1
Gi5_8607371_x4.....cgugggaacacgggUugccgaacu..... 1
Gi5_8623699_x4.....gaacacggggugccgaCc..... 1
Gi3_27717021_x4.....agacUucgugggaacacggggugccgaac..... 1
Gi5_8650423_x4.....guUggaacacggggugcc..... 1
Gi2_10720747_x4.....gucgugggGacacggggugc..... 1
Gi3_27700709_x4.....gggaacacggggugccgaaGu..... 1
Gi3_27791561_x4.....cgucgugggaacacgAggugccg..... 1
Gi3_27699597_x4.....acgucgugUgaacacggggugccgaac..... 1
Gi3_27700041_x4.....cgucgugggaaUacggggugcc..... 1
Gi2_10669911_x4.....agacgucAugggaacacggggugcc..... 1
Gi5_8609507_x4.....ugggaacacgAggugccgaac..... 1
Gi3_27782153_x4.....acacggggugccAaacuu..... 1

Gi4_541970_x4Ugaacacggggugccgaacu..... 1
 Gi2_10682075_x4...gaAcggagacgucguggga..... 1
 Gl1_5810754_x4.....uggaacacggggugccgaCcu..... 1
 Gi3_27682281_x4....aucggagacgucgGgggaacacggggg..... 1
 Gi3_27710817_x4.....aCacgucgugggaacacggggugccgaacu..... 1
 Gi1_4034184_x4.....ucgugggaacacggggugccgaaA..... 1
 Gi5_8637743_x4...gaucggagacgucgugggaacacggggugc..... 0
 Gi2_10653591_x4.....gggCacacggggugccgaacu..... 1
 Gi2_10675807_x4...gaucggagacgucgugggaacacggggAgc..... 1
 Gi3_27726705_x4.....gucgugggaacacggggugccgaaU..... 1
 Gi1_4047472_x4.....gucgugggaacacggggugccga..... 0
 Gi5_8608747_x4.....acgucgugggaacacggggugAcgaacu..... 1
 Gi2_10690275_x4.....cgugggaacacggggugccgaacuu..... 0
 Gi2_10686635_x4.....gggaacacUgggugccgaacu..... 1
 Gi5_8606935_x4.....gGgacgucgugggaacacg..... 1
 Gi3_27712101_x4.....ucggGgacgucgugggaaca..... 1
 Gi1_4020904_x4...Gucggagacgucgugggaacacggggugcc..... 1
 Gi5_8604307_x4.....Cugggaacacggggugcc..... 1
 Gi1_4032420_x4..gcgauccggagacgucgugggaacacggggugc..... 0
 Gi3_27689197_x4.....Gggagacgucgugggaacacgggg..... 1
 Gi4_543682_x4.....gugggaacacggggugccgaacA..... 1
 Gi3_27758077_x4.....gucgugggGacacggggugccga..... 1
 Gi3_27716829_x4.....cgucgugAgaacacggggugccgaac..... 1
 Gi3_27787737_x4.....gagacgucgugggaacacggggC..... 1
 Gi3_27721025_x4.....gggaacacggggugccUaac..... 1
 Gi3_27672397_x4.....ugggaacacggggUaccg..... 1
 Gi2_10652883_x4....aucggagacgucgugggaacGcgggg..... 1
 Gl1_5788706_x4.....Augggaacacggggugcc..... 1
 Gi1_4025240_x4.....Uugggaacacggggugccgaa..... 1
 Gi3_27785317_x4.....gaacacggggugccgGac..... 1
 Gi4_542922_x4.....cgugggaacacggggugccgaGcu..... 1
 Gi5_8633391_x4.....agacgucgugggaacacggggGgccgaacu..... 1
 Gi1_4035276_x4.....uggaacacggAgugccgaacu..... 1
 Gi3_27694533_x4.....agacgucgugggaGcacggggugccgaac..... 1
 Gi1_4036040_x4...gaucggagacgucgugggaacacggggugccgaacu..... 0
 Gi2_10697039_x4.....acAucgugggaacacggggugccgaacu..... 1
 Gi5_8614831_x4.....Augggaacacggggugccgaa..... 1
 Gi4_538806_x4.....gugggaacacggggGgccgaacu..... 1
 Gi3_27698709_x4.....acgucgugggaacacggggugcUgaac..... 1
 Gi1_4018052_x4....cggagacgNcgugggaacacggggugc..... 1
 Gi2_10654279_x4.....ggaacacgCggugccgaacu..... 1
 Gi3_27757849_x4.....cgucgugggaacacggggugcUg..... 1
 Gl1_5804558_x4.....gugggaacGcggggugccgaac..... 1
 Gi5_8641975_x4.ugUgucggagacgucguggga..... 1
 Gi2_10716419_x4.....cgucgugggaacacggggAgccg..... 1
 Gi2_10668175_x4.....ucggagacgucgugggGaca..... 1
 Gi1_4038800_x4.....ucgCgggaacacggggugccg..... 1

Gl1a_5787546_x4.....ugggaacacgggguAccgaacu..... 1
Gi3_27791701_x4.....gAgaacacggggugccgaa..... 1
Gi2_10655259_x4.....Cgagacgucgugggaaacacggggugccg..... 1
Gi1_4039552_x4.....cgugggaacacggggCgccaacu..... 1
Gi1_4028944_x4.....ggagacgucgugggaaUacggggug..... 1
Gi2_10663627_x4.....cggagacgucgugggaaUacggggugcc..... 1
Gi3_27685641_x4.....Ccgagacgucgugggaaacacggggugcc..... 1
Gi2_10668207_x4.....ucgugggaacacggAgugccgaac..... 1
Gi3_27681205_x4.....gGucggagacgucguggg..... 1
Gi3_27753817_x4.....cgucguggAaacacggggugcc..... 1
Gi3_27668329_x4.....Agggaacacggggugccg..... 1
Gi3_27681253_x4.....Nacacggggugccgaacu..... 1
Gi2_10701339_x4.....Aggaacacggggugccgaa..... 1
Gi3_27766429_x4.....agacgucgugggGacacggggugccgaacu..... 1
Gi3_27727617_x4.....cgucguggaaacacggggugAc..... 1
Gi2_10688615_x4.....ucgugggaacacggggugccgaCc..... 1
Gl1a_5792706_x4.....Aaacacggggugccgaac..... 1
Gi3_27693133_x4.....gaacacggggugUcgaac..... 1
Gi2_10676687_x4.....gugggaacacggggugcGgaac..... 1
Gi2_10712855_x4.....cAgagacgucgugggaaacacggggugc..... 1
Gi3_27686881_x4.....uGgugggaacacggggugccgaa..... 1
Gl1a_5773834_x4.....cgugggaCcacggggugccgaacu..... 1
Gi5_8622431_x4.....guggUaacacggggugccga..... 1
Gi1_4034220_x4.....guUgugggaacacggggugcc..... 1
Gi4_544010_x4.....acAucgugggaacacggggugccgaacu..... 1
Gi3_27740641_x4.....cgucgugggaGcacggggugcc..... 1
Gi2_10693271_x4.....ugggaacacgggAugccgaa..... 1
Gi3_27766353_x4.....gucAugggaacacggggg..... 1
Gl1a_5787506_x4.....cUugggaacacggggugccg..... 1
Gi2_10685459_x4.....aucggagacgucgugggaaacacgggAu..... 1
Gi2_10678487_x4.....ucggagacgucgugggaaacacggggC..... 1
Gi3_27681621_x4.....aucggagacgCcgugggaacac..... 1
Gi2_10715031_x4.....cgugggaacacgAggugc..... 1
Gi2_10678655_x4.....cgucgugggaacacggggugccgC..... 1
Gi2_10657419_x4.....gacgucgugggaaacGcggggugccg..... 1
Gi4_539850_x4.....gucgGgggaacacggggugccgaacu..... 1
Gi3_27747221_x4.....Ggacgucgugggaaacacgggg..... 1
Gi2_10650619_x4.....aCacgucgugggaaacacggggugcc..... 1
Gi3_27672041_x4.....uggAaacacggggugccgaa..... 1
Gi3_27746973_x4.....cggagacgucgugggaaGcacggggugcc..... 1
Gi5_8605439_x4.....gucguggAaacacggggugccgaacu..... 1
Gi3_27729773_x4.....acgCcgugggaacacggggugccgaac..... 1
Gi1_4025284_x4.....ucgugggaUacggggugccgaacu..... 1
Gi3_27736169_x4.....ucgugCgaacacggggugccgaacu..... 1
Gi5_8638459_x4.....gggaaAacggggugccgaacu..... 1
Gi3_27661861_x4.....aucggagCcgucgugggaaacacgg..... 1
Gl1a_5811330_x4.....cUucgugggaacacggggugccgaacu..... 1

Gi2_10712363_x4.....cgucgugggaacacggggugccgaUu..... 1
 Gi2_10691099_x4.....gucguAggaacacggggugcc..... 1
 Gi3_27745049_x4.....cgugggaacaUggggugccg..... 1
 Gi5_8608743_x4....aucggagacgucgugggaacCcggggu..... 1
 Gi3_27783237_x4....aucggagacgucgugggaacaUgggggu..... 1
 Gi2_10669831_x4.....gugggaacacgUgggugcc..... 1
 Gi5_8605867_x4.....ggaaAacggggugccgaacu..... 1
 Gi5_8614175_x4.....aacacgUggugccgaacu..... 1
 Gi3_27708737_x4.....ugAgaacacggggugccg..... 1
 Gi2_10710547_x4.....ucgugggaNcacggggugccg..... 1
 Gi4_543594_x4.....gaacacggggugccgaac..... 0
 Gi2_10678711_x4.....gUgacgucgugggaacacg..... 1
 Gi2_10679043_x4....aucggagacgucgCgggaacacggggug..... 1
 Gi3_27704857_x4.....gacgucgugggaacacggggguAccgaacu..... 1
 Gi5_8625051_x4.....Ggacgucgugggaacacggggugc..... 1
 Gi2_10725371_x4.....gucgugggaacacggggCgc..... 1
 Gi3_27679689_x4....ggagacgucgugggaacacggggguAccg..... 1
 Gi3_27737865_x4....ucggagacNucgugggaacacggg..... 1
 Gi3_27714361_x4...gaucggagacgucAugggaacacggg..... 1
 Gi3_27752181_x4.....gugggaacacgggCugccgaac..... 1
 Gi4_544670_x4.....gggaacacggggugccgaacA..... 1
 Gi2_10677459_x4....ggagacgucguAggaacacggggugc..... 1
 Gi5_8638359_x4.....cgucguggAaacacggggugccgaacu..... 1
 Gi3_27662081_x4....ggagGcugcuggggaacacg..... 1
 Gi3_27706781_x4.....gugggaacacgCggugccga..... 1
 Gi3_27675697_x4....auUggagacgucguggga..... 1
 Gi2_10673451_x4.....gugggaacUcggggugcc..... 1
 Gi2_10658047_x4.....cgugggaacacgggAugc..... 1
 Gi3_27660885_x4....ugggUacacggggugccg..... 1
 Gi2_10714491_x4.....guNggaacacggggugccgaac..... 1
 Gi2_10676187_x4....cggagacgucgugggaGcacggggugc..... 1
 Gi2_10664399_x4.....ucgugggaacacggggguAccg..... 1
 Gi2_10663963_x4...gaucggagacgucgugggUacac..... 1
 Gl1a_5789090_x4.....cgugggaacacggggGgccgaacu..... 1
 Gi2_10700139_x4.....acgucgugggaacacggggugccgaAu..... 1
 Gi1_4031712_x4.....ucguUggaacacggggugcc..... 1
 Gi1_4022344_x4....aucggagacgucgugggaU..... 1
 Gi2_10715431_x4.....gUcugcuggggaacacggggugccgaacu..... 1
 Gi2_10722015_x4.....gugggaacacgggAugccg..... 1
 Gi2_10663799_x4.....cgAgggaacacggggugccgaa..... 1
 Gi2_10684399_x4.....ggaacacgNggugccgaa..... 1
 Gi2_10677415_x4.....aacacggggugccgaUcu..... 1
 Gi5_8624335_x4....agacAucgugggaacacggggugccgaacu..... 1
 Gi5_8618463_x4.....gugggaCcacggggugccgaac..... 1
 Gi2_10663239_x4....Agagacgucgugggaacacggggugc..... 1
 Gi2_10667991_x4.....uCggaacacggggugccga..... 1
 Gi2_10712459_x4...gaucggagacgucgugggaacacggggGgcc..... 1

Gi1_4019672_x4...gGucggagacgucgugggaacac..... 1
 Gi3_27695413_x4.....Uucgugggaacacggggugccgaacu..... 1
 Gi3_27780785_x4...gaucUgagacgucgugggaacacg..... 1
 Gi3_27788673_x4.....gUcugcugugggaacacggggugccgaac..... 1
 Gi2_10660951_x4....aucggagacgucgugggaacCcggggugc..... 1
 Gi3_27670713_x4.....ugggaacacggggGgccgaa..... 1
 Gi3_27741437_x4cugcgaucggagacgucgugggaacacggggug..... 0
 Gi3_27768413_x4....aAcggagacgucgugggaacac..... 1
 Gi3_27789473_x4.....ucgNgggaacacggggugccgaacu..... 1
 Gi5_8647759_x4.....ucgCgggaacacggggugccgaac..... 1
 Gi2_10668551_x4.....ugggaacacgggCugccgaac..... 1
 Gi1_4031656_x4.....aUacgucgugggaacacggggugccgaac..... 1
 Gi5_8649291_x4.....aaGacggggugccgaacu..... 1
 Gl1a_5782854_x4....aucggagacgucgugggGacacggg..... 1
 Gi2_10720983_x4....auUggagacgucgugggaacacg..... 1
 Gl1a_5775038_x4.....Uacgucgugggaacacggggugccgaacu..... 1
 Gi4_538762_x4.....ggaacacggggugccgaacA..... 1
 Gi3_27718185_x4.....gGacacggggugccgaacu..... 1
 Gi5_8606687_x4.....cgugggaacaUggggugccgaac..... 1
 Gi2_10665791_x4.....acgucgugggaaAacggggugcc..... 1
 Gi3_27680529_x4.....acgucgugggCacacggggugcc..... 1
 Gi1_4040904_x4.....aUacgucgugggaacacgggg..... 1
 Gi2_10655647_x4....aucggagacgucgugggaCc..... 1
 Gi2_10682655_x4....aucggagacgucUugggaaca..... 1
 Gi3_27796145_x4.....ucgugggaGcacggggugccgaa..... 1
 Gi2_10693239_x4.....ugggUacacggggugccgaac..... 1
 Gi2_10714919_x4....aucggagacgucgugggaacCcggggug..... 1
 Gl1a_5772646_x4....cUgagacgucgugggaacacgg..... 1
 Gi2_10683851_x4.....cgucgugggaacacggggGg..... 1
 Gi2_10711519_x4....aucggagaNgucgugggaacacgg..... 1
 Gi2_10655827_x4.....agUcugcugugggaacacggggugc..... 1
 Gi3_27749925_x4....aucggagacgucgugggaacacggggugcA..... 1
 Gi3_27684109_x4....cggagGcugcugugggaacacgggg..... 1
 Gi2_10702351_x4.....gucgCgggaacacggggugcc..... 1
 Gi2_10679671_x4....gaGcggagacgucgugggaacacg..... 1
 Gi4_542842_x4....acgucgugNgaacacggggugccgaacu..... 1
 Gi3_27680781_x4....Cucggagacgucgugggaacacgg..... 1
 Gi1_4035844_x4.....acgucgugggaacacgAggugccgaacu..... 1
 Gi3_27783429_x4.....cguUgugggaacacggggugc..... 1
 Gi2_10713967_x4....agacgucgNgggaacacggggugccg..... 1
 Gi3_27794153_x4....aucggagacgucgugggGacacgggg..... 1
 Gi3_27756609_x4.....gggaacaUggggugccgaa..... 1
 Gi3_27676801_x4.....gucgugggaacacAgggugcc..... 1
 Gi3_27760317_x4....cgucgugggaacacggggugcA..... 1
 Gi1_4036552_x4....cggagacgucgugggGacacggggugcc..... 1
 Gl1a_5776970_x4.....gUagacgucgugggaaca..... 1
 Gi3_27788373_x4.....ugggCacacggggugccga..... 1

Gi3_27742317_x4	...gaCcgagacgucgugggaaca	1
Gi1_4047696_x4	...ggaacacggguUccgaacu	1
Gi1_4034068_x4	...ggaacacgggugccgaacAu	1
Gi2_10655055_x4	...cggaUacgucgugggaacacggggugc	1
Gi3_27784761_x4	...aucggagacgucGgggaacacggg	1
Gi5_8609343_x4	...gGcugcuggggaacacggggugccg	1
Gi3_27703777_x4	...Uacgucgugggaacacggggugccgaa	1
Gi2_10666899_x4	...gacgCcgugggaacacggggugcc	1
Gi4_544682_x4	...gugggaacacggggugcc	0
Gi2_10681079_x4	...cgucgugggaacacAgggugccg	1
Gi1_4040048_x4	...acgucgugggaacacggggugccGacu	1
Gi2_10718943_x4	...guggCaacacggggugccg	1
Gi2_10710191_x4	...gggaacacggggugGcgaacu	1
Gi1_4034680_x4	...Gcgugggaacacggggugccg	1
Gi2_10719719_x4	...cguggAaacacggggugcc	1
Gi3_27730721_x4	...guUgugggaacacggggugc	1
Gi4_543830_x4	...Uaacacggggugccgaacu	1
Gi1_4035880_x4	...Gcggagacgucgugggaacacg	1
Gi2_10679871_x4	...ugggaacaAggggugccgaacu	1
Gi2_10722871_x4	...gugggaacaUggggugccga	1
Gi3_27664669_x4	...cgugggaacacgggAugccgaa	1
Gl1a_5775066_x4	...ugggaacacggggugccgaac	0
Gi3_27974006_x3	...ucggagacgucgugggaacacgggg	0
Gi3_27834959_x3	...gacgucgugggaacacggggugccgaaU	1
Gl1a_5871514_x3	...gugggaacacggggCgcga	1
Gi5_8697425_x3	...gucgugggaacacggggugccgaCc	1
Gi3_27852401_x3	...gacgucgugggaacacggAgugccgaacu	1
Gi3_27953948_x3	...ugggaacacggAgugccg	1
Gi3_27802835_x3	...gugggaacacUggggugccgaa	1
Gi2_10734931_x3	...gaucggagacgucgugggaacacgAggugc	1
Gi2_10822171_x3	...cgugggaacacggggugGcgaac	1
Gi3_27809537_x3	...cAgagacgucgugggaacac	1
Gi2_10806874_x3	...gggaacaUggggugccgaac	1
Gi2_10779910_x3	...ggagacgucgugggaacacggggugUc	1
Gi2_10801885_x3	...cgugggaacacggggugA	1
Gi1_4070628_x3	...ugggaacaUggggugccgaac	1
Gi2_10804090_x3	...agacgCcgugggaacacggggugccgaacu	1
Gi2_10736221_x3	...gaacacgggUugccgaacu	1
Gi1_4054935_x3	...ugggaacacggggugccgaacG	1
Gi1_4073469_x3	...cgaucggagacgucgugggGacacgggu	1
Gi2_10819327_x3	...gacgucgugggaacacggggugccGacu	1
Gi5_8663657_x3	...gggaacacggggugcGgaacu	1
Gi3_27877019_x3	...cgucgugggaacacggggugAccgaac	1
Gi2_10738555_x3	...ucguAggaacacggggugccg	1
Gi2_10736659_x3	...acgucgugggaacCcgggugccgaac	1
Gi1_4088286_x3	...ugggaacacAgggugccgaac	1
Gi5_8664815_x3	...gucgugggaacaGggggugccgaacu	1

Gi2_10798510_x3.....gucgCgggaacacggggugc..... 1
Gi1_4060938_x3.....gggNacacggggugccgaacu..... 1
Gi3_27835445_x3.....gucgAgggaacacggggugccgaac..... 1
Gi2_10744240_x3.....acgucgugNgaacacggggg..... 1
Gi2_10782271_x3.....cggagacgucgCgggaacacggggg..... 1
Gi3_27812168_x3.....gggaacaGggggugccgaac..... 1
Gi2_10816447_x3.....Ngaacacggggugccgaacu..... 1
Gi5_8697707_x3.....Cucgugggaacacggggugccgaac..... 1
Gi2_10812775_x3.....gaucggagacgGcgugggaacacggggugcc..... 1
Gi5_8694095_x3.....cUgagacgucgugggaacacg..... 1
Gi5_8659343_x3.....gugggaacacgggUugccgaacu..... 1
Gi3_27857159_x3.....Ngggaacacggggugccgaa..... 1
Gi2_10759966_x3.....aucggagacgucgugggCacacg..... 1
Gi2_10737043_x3.....gucgugggaacaAggggugccgaacu..... 1
Gi3_27896921_x3.....cgucgugggCacacggggugc..... 1
Gi2_10779586_x3.....cgaucggaNacgucgugggaacacggggg..... 1
Gi3_27978533_x3.....gucgugggaacacgggAu..... 1
Gi3_27893177_x3.....cgugggaacacggggugAcgaa..... 1
Gi3_27860228_x3.....gacgucgugggaacacAgggugccgaac..... 1
Gi2_10734847_x3.....cgugggaacacggggugccA..... 1
Gi2_10798342_x3.....gaucggCgacgucguggga..... 1
Gi3_27868268_x3.....cgucgugggaacacggggAgc..... 1
Gi5_8682854_x3.....ucgugggaacacggggGgccgaac..... 1
Gi5_8709788_x3.....cgugggaacaGggggugccgaacu..... 1
Gi2_10808959_x3.....gucgugggaacacgUggugccgaacu..... 1
Gi2_10772344_x3.....gucgugggaacacggggugAcgaacu..... 1
G1a_5850379_x3.....ugggaacacggggugcUgaacu..... 1
Gi5_8682353_x3.....gacgucgugggaacGcggggugccgaacu..... 1
Gi3_27896612_x3.....gucgGgggaacacggggugcc..... 1
Gi3_27846809_x3.....gugggaacacgggUugccgaac..... 1
Gi2_10811731_x3.....cgugggaCcacggggugccga..... 1
Gi3_27884267_x3.....cAucgugggaacacggggugc..... 1
G1a_5853190_x3.....cgugggaacacggggugccgaacA..... 1
Gi3_27953765_x3.....agaUgucgugggaacacggggugccgaac..... 1
Gi3_27836657_x3.....cgucgugggaacacggggugAcgaac..... 1
Gi2_10740382_x3.....agacUucgugggaacacggggugccgaacu..... 1
Gi3_27824768_x3.....Ngaacacggggugccgaac..... 1
Gi1_4054857_x3.....Ugugggaacacggggugccg..... 1
Gi1_4053834_x3.....aucggagacgCcgugggaacacg..... 1
Gi1_4078182_x3.....gaacGcggggugccgaac..... 1
Gi2_10814404_x3.....aucggagacgucAugggaaca..... 1
Gi1_4085475_x3.....cgugggGacacggggugccgaac..... 1
Gi1_4073040_x3.....Cugggaacacggggugccg..... 1
Gi3_27870071_x3.....gaucggGgacgucgugggaacacg..... 1
Gi5_8715584_x3.....aucggagGcugcugugggaacacgggg..... 1
Gi2_10821991_x3.....gugNgaacacggggugccg..... 1
Gi2_10740643_x3.....aucggagacgucgugggaaAacggggg..... 1

Gi5_8667788_x3.....ggaacacggggugccAaac..... 1
 Gi3_27866933_x3.....gggaacacggggugccgaaG..... 1
 Gi2_10734526_x3.....gucgugggaacacggggugGcgaacu..... 1
 Gi1_4059369_x3...cgaucggGgacgucguggggaaca..... 1
 Gl1a_5829289_x3.....Uucgugggaacacggggugccga..... 1
 Gi3_27846491_x3.....ugggaacacgggCugccgaa..... 1
 Gi2_10729423_x3....aucggagacgucgGgggaacacggggugc..... 1
 Gi5_8663171_x3.....ugggaacacgggUugccgaac..... 1
 Gi2_10824700_x3.....ugggaacacAgggugccga..... 1
 Gi1_4078929_x3...gaucggagacgucguggggaacacgggg..... 0
 Gl1a_5848498_x3.....cgugggaacacggggCgcc..... 1
 Gi2_10786291_x3.....Ggucgugggaacacgggg..... 1
 Gi3_27896396_x3.....ucgugggaacacAgggugc..... 1
 Gi1_4088328_x3.....gugggaacacCgggugccgaacu..... 1
 Gi2_10791268_x3....auNggagacgucguggggaacacggggug..... 1
 Gi3_27860627_x3.....ggagacgucguggggaacG..... 1
 Gi1_4059642_x3.....ucgugAgaacacggggugcc..... 1
 Gi3_27813257_x3.....gucgugggaacacggggugccUaacu..... 1
 Gi1_4080093_x3.....cgugggUacacggggugccgaacu..... 1
 Gi1_4060617_x3.....cgucgugggUacacggggugccgaacu..... 1
 Gl1a_5834758_x3.....gUagacgucguggggaacacg..... 1
 Gi4_550002_x3.....Ggacgucguggggaacacggggugcc..... 1
 Gi3_27878891_x3cugcgauNagacgucg..... 1
 Gi2_10804882_x3.....cgucgugggaacacggggugccUacu..... 1
 Gi3_27848435_x3.....gagacgucgCgggaacacggggugccgaac..... 1
 Gi2_10783819_x3.....gacgucguggggaacacggggAgcc..... 1
 Gi5_8655326_x3.....gCgggaacacggggugccgaacuu..... 1
 Gi3_27960152_x3.....acgucgugNgaacacggg..... 1
 Gi2_10764997_x3....auUggagacgucguggggaacacgg..... 1
 Gi3_27948998_x3.....Aucgugggaacacggggug..... 1
 Gi2_10746376_x3.....cggagacgucguAggaacacggggugcc..... 1
 Gi1_4079169_x3.....gacgucguggggaacacggggugAcgaacu..... 1
 Gi5_8702969_x3.....Ugugggaacacggggugccga..... 1
 Gi3_27908183_x3.....acgucguUggaacacggggugccgaacu..... 1
 Gi3_27924971_x3.....ggagacgucguggggaacGcggggu..... 1
 Gi5_8662361_x3.....cgaguucguugggagcgcaggcaggA..... 1
 Gi5_8680856_x3....aucggagacgucguggggaGcacggggu..... 1
 Gi1_4074774_x3.....aAacgucguggggaacacggggugccgaacu..... 1
 Gi2_10795690_x3.....agacgucguggggaCcacggggugc..... 1
 Gi3_27838670_x3.....gggaacacggggGgccga..... 1
 Gi5_8694332_x3....aCcgagacgucguggggaacacgg..... 1
 Gl1a_5836210_x3.....guggAaacacggggugccga..... 1
 Gi3_27894638_x3.....cgucguggggaacacAggg..... 1
 Gi5_8706923_x3.....gaacacggggugccGac..... 1
 Gi5_8680430_x3.....gggaacaAggggugccgaacu..... 1
 Gi3_27923399_x3...gaucggagaUgucguggggaacacgggg..... 1
 Gi2_10822768_x3.....gugggaacNcggggugccgaacuu..... 1

Gi2_10784359_x3.....acgucgCggsaacacggggugcc..... 1
 Gi2_10822813_x3...gaucggagacgucguAgga..... 1
 Gi1_4062510_x3.....cgucguggsaacacggggCgcc..... 1
 Gi3_27878522_x3.....cguggsaacacgggCugccgaa..... 1
 Gi3_27901826_x3.....gucguggsaacCggggugcc..... 1
 Gi2_10793518_x3.....aucggagacgucguggsaacGcacgg..... 1
 Gi1_4062069_x3.....gGgacgucguggsaacacggggugc..... 1
 Gi5_8667566_x3.....cgucgGggsaacacggggugccgaacu..... 1
 Gi3_27878099_x3cGgcgaucggagacgucg..... 1
 Gi1_4078347_x3.....gucgugAgaacacggggugccgaacu..... 1
 Gi3_27846416_x3...cgauUggagacgucguggsaacacggg..... 1
 Gi2_10825567_x3.....gucguggsaacacggggugccgaaA..... 1
 Gi4_548895_x3.....cgCggsaacacggggugccgaacu..... 1
 Gi3_27865130_x3.....gugggsaacUcggggugccgaa..... 1
 Gi3_27814334_x3.....gggsaacCggggugccgaa..... 1
 Gi5_8670410_x3...auUggagacgucguggsaaca..... 1
 Gl1_5814793_x3...aucggagCcgucguggsaacacgggg..... 1
 Gi2_10815790_x3.....agacgucguggsaacacggggGgcc..... 1
 Gi2_10743385_x3...gaucggagacgucguggsaacacggggugccgaacu..... 0
 Gi3_27970433_x3.....gucguggCaacacggggugccgaacu..... 1
 Gi2_10790446_x3.....acgucguggsaaUacggggugcc..... 1
 Gi3_27937094_x3...Ggaucggagacgucguggsaacacggg..... 1
 Gi2_10798870_x3...gaucggagaUgucguggsaacacggg..... 1
 Gi1_4088820_x3.....gUagacgucguggsaacacgggg..... 1
 Gi1_4047867_x3.....cgucguggsaacacggggugccAaacu..... 1
 Gi3_27804263_x3.....ucguggsaaUacggggugc..... 1
 Gi2_10798681_x3.....ggsaacacggggugccgaacu..... 0
 Gi5_8700644_x3.ugcgauCagagacgucgug..... 1
 Gi3_27831113_x3.....gCgaacacggggugccga..... 1
 Gi5_8716988_x3.....gggsaacacgggAugccgaac..... 1
 Gi3_27904814_x3...cgauCggaNacgucguggsaacacggg..... 1
 Gi1_4085787_x3.....ugggsaacacggUgugccgaacu..... 1
 Gi1_4088157_x3...aucggagacgCcguggsaacac..... 1
 Gi3_27849941_x3.....acgucguggsaacacggggugccA..... 1
 Gi3_27867692_x3.....Gcgucguggsaacacggggugccgaa..... 1
 Gi5_8655539_x3.ugcgaCcgagacgucgug..... 1
 Gi2_10738600_x3.....cgucguggsaCcacggggugcc..... 1
 Gi2_10784206_x3.....acgucgugAgaacacggggugc..... 1
 Gi5_8694233_x3.....gucguUggsaacacggggugccgaacu..... 1
 Gl1_5858080_x3.....Ugagacgucguggsaaca..... 1
 Gi5_8706596_x3.....gaaacacggggugccgaacu..... 0
 Gi5_8674031_x3.....ucCuggsaacacggggugccgaacu..... 1
 Gi3_27846413_x3.....cgucguggsaacaAggggugcc..... 1
 Gl1_5870518_x3.....Auggsaacacggggugccgaac..... 1
 Gl1_5842435_x3.....Uagacgucguggsaacacg..... 1
 Gi3_27900527_x3...gUucggagacgucguggsaacacgggg..... 1
 Gl1_5847826_x3.....ugggsaacacggAgugccgaacu..... 1

Gi3_27848702_x3.....cAucgugggaacacggggugccga..... 1
 Gi5_8679866_x3.....cgugggUacacggggugccgaac..... 1
 Gi3_27924209_x3.....ucgCgggaacacggggugc..... 1
 Gi2_10736566_x3.....gugggaaAacggggugccga..... 1
 Gi3_27820901_x3.....acacggggugccgCacuu..... 1
 Gi3_27979223_x3.....ggUgacgucgugggaacacgg..... 1
 Gi3_27851339_x3.....aucNgagacgucgugggaacacggg..... 1
 Gi2_10738690_x3.....ucgugggaUacacggggugccgaacu..... 1
 G1a_5840086_x3.....Ggucgugggaacacggggugccgaacu..... 1
 Gi3_27861509_x3.....ugggaacacggggugccUaa..... 1
 G1l_4081626_x3.....agacgucgugggGacacggggugccgaacu..... 1
 G1l_4071504_x3.....auUggagacgucgugggaacacggggugc..... 1
 G1l_4078923_x3.....ucgugggaacacggggugcGgaacu..... 1
 Gi2_10820890_x3.....Naacacggggugccgaacu..... 1
 Gi2_10740571_x3.....gggaacacggggCgccga..... 1
 Gi2_10814737_x3.....gaucggagacgucgugggaacacggggAgcc..... 1
 Gi2_10826827_x3.....ucgCgggaacacggggugc..... 1
 Gi2_10784653_x3.....ucgugggaacacggggugUcg..... 1
 Gi3_27949763_x3.....aucggagacgucgugggaacCggggugc..... 1
 Gi3_27933566_x3.....gacguGgugggaacacggggugccgaacu..... 1
 Gi5_8671646_x3.....aucggagacgucgCgggaacacgg..... 1
 Gi3_27904043_x3.....aucggagGcgucguggga..... 1
 G1a_5857465_x3.....gGcgugggaacacggggugccgaac..... 1
 Gi2_10731823_x3.....cgucguggNaacacggggug..... 1
 G1l_4072599_x3.....Ggacgucgugggaacacggg..... 1
 Gi4_550683_x3.....Gcucgugggaacacggggugccgaacu..... 1
 Gi3_27861284_x3.....aucggaAacgucgugggaacacgg..... 1
 Gi2_10746226_x3.....ucgugggaacacggggugccga..... 0
 Gi2_10758391_x3.....aacacCggggugccgaacu..... 1
 Gi3_27958469_x3.....aucggagacUucgugggaacacggggugcc..... 1
 Gi2_10801654_x3.....agacgucgugggaacacggggugUcgaacu..... 1
 Gi3_27942215_x3.....ggaacacUgggugccgaac..... 1
 G1a_5870446_x3.....cUgagacgucgugggaacacggg..... 1
 G1l_4074330_x3.....cgAgggaacacggggugccgaac..... 1
 Gi3_27958514_x3.....gucgCgggaacacggggugccga..... 1
 Gi3_27896831_x3.....cgucgugggaaUacggggugc..... 1
 G1l_4080687_x3.....gacgucgugggaacacggggugccgGacu..... 1
 Gi3_27804023_x3.....ggagacgucAugggaacacggggugcc..... 1
 Gi2_10805320_x3.....ucggGgacgucgugggaacacggggugccga..... 1
 Gi3_27870731_x3.....cggagacgucgugggaacUcggggugcc..... 1
 Gi3_27871544_x3.....ucggagacgucgugggaGcacggg..... 1
 Gi2_10729795_x3.....cgugAgaacacggggugc..... 1
 Gi5_8662922_x3.....Uucgugggaacacggggugc..... 1
 Gi2_10791940_x3.....Acgugggaacacggggugccga..... 1
 Gi3_27860576_x3.....gugggaacacgggCugccga..... 1
 G1l_4084500_x3.....cgucgugggaacacggggugccU..... 1
 G1l_4049751_x3.....gucgugggaacacggggGgcc..... 1

Gi1_4074405_x3.....ggaacacAgggugccgaac.....	1
Gl1a_5849527_x3.....ucggagacgucguggGacacggg.....	1
Gi2_10762645_x3.....aucggagacgucguggaacaAg.....	1
Gi1_4060836_x3.....aacacggUgugccgaacu.....	1
Gi2_10813960_x3.....ucguUggaacacggggugc.....	1
Gi2_10753072_x3.....gGcgugggaacacggggg.....	1
Gi3_27916661_x3.....ggaaGacggggugccgaa.....	1
Gi5_8676833_x3.....cgucgAgggaacacggggugccgaacu.....	1
Gi2_10749709_x3.....ucguggaacaacggggugcGgaacu.....	1
Gi3_27957062_x3.....gucgugggaGcacggggugccga.....	1
Gi3_27932672_x3.....gauUggagacgucguggaacaac.....	1
Gi5_8715878_x3.....gucgugggaacaAggggugccgaacu.....	1
Gi3_27884156_x3.....agacgucgugggaacaacggggugc.....	0
Gi3_27835448_x3.....gucgugggNacacggggugc.....	1
Gl1a_5859400_x3.....aucggagacguUguggaacaacggggg.....	1
Gi1_4078362_x3.....Cacgucgugggaacaacggggugccg.....	1
Gi1_4052421_x3.....aucggagacgucguggaacaacA.....	1
Gi2_10750723_x3.....gauUggagacgucgugggaacaacggggg.....	1
Gi3_27821141_x3.....gugggaacaacggCgugccg.....	1
Gi5_8715218_x3.....ggaacacggggugccUaacu.....	1
Gi5_8677709_x3.....gucgugggaacaacggggugccgaacG.....	1
Gi2_10802134_x3.....gagacgucgugggaacaacAgggugcc.....	1
Gi3_27946334_x3.....gaucggagacgucguggaacaacggggugccgaac.....	0
Gi1_4081698_x3.....ggagGcucgugggaacaacggggugcc.....	1
Gi1_4069623_x3.....Gggagacgucgugggaacaacggggugc.....	1
Gi3_27958685_x3.....cUaucggagacgucgugggaacaacggggugcc.....	1
Gi4_550260_x3.....aucggagacgucgugggaacaac.....	0
Gi3_27848738_x3.....gacgucAugggaacaacggggugccgaac.....	1
Gi5_8715548_x3.....gugAgaacaacggggugccgaacu.....	1
Gi5_8651819_x3.....ggaacacgAggugccgaac.....	1
Gi3_27901088_x3.....ucguggCaacaacggggugccgaacu.....	1
Gi3_27809198_x3.....cgucguggAaacaacggggugccgaac.....	1
Gi2_10772284_x3.....ucgugggaacaAggggugccgaacu.....	1
Gl1a_5816455_x3.....aucggagacgucgugggaacaacA.....	1
Gi2_10771657_x3.....cguggAaacaacggggugc.....	1
Gi3_27809156_x3.....Aagacgucgugggaacaacggggg.....	1
Gi2_10759915_x3.....gaucggagacgucgugggaaAac.....	1
Gi5_8689850_x3.....agacgucgNgggaacaacggggugccgaac.....	1
Gi2_10792939_x3.....agacgucgNgggaacaacggggugc.....	1
Gi1_4061133_x3.....gugggaacaacggggugccgaCc.....	1
Gi2_10796512_x3.....aucggagacgucgugggaacCggg.....	1
Gi3_27828755_x3.....aucggagacgucguggAaacaac.....	1
Gi2_10825546_x3.....gaucggagacgucgugggGacacggg.....	1
Gi2_10780180_x3.....cggagCcgucgugggaacaacggggugcc.....	1
Gi1_4088730_x3.....aacacggggugGcgaacu.....	1
Gi2_10763680_x3.....gaucUgagacgucgugggaaca.....	1
Gi5_8662676_x3.....gGcucgugggaacaacggggugccgaac.....	1

Gi3_27905858_x3.....cgucgugggaacacAgggugccg.....	1
Gi3_27928865_x3.....cgugggaacacggggugAcga.....	1
Gi1_4078674_x3....aucggagaNgucgugggaacacgg.....	1
Gi3_27885170_x3.....acgucgugggaacacggggugccgaaA.....	1
Gi1_4069440_x3....aucgUagacgucgugggaacacg.....	1
Gi3_27975020_x3.....gacgucguNggaacacggggg.....	1
Gi2_10813285_x3....aucggagUcugcuggggaaca.....	1
Gi3_27866273_x3....gaucggagGcgucgugggaacacgg.....	1
Gi3_27948041_x3.....ugggCacacggggugccgaa.....	1
Gi3_27862712_x3....aucggagacgucgugggaacacggggUcc.....	1
Gi2_10817935_x3....ucggagacgucgGgggaacacggggugcc.....	1
Gi2_10784431_x3....aucgAagacgucguggggaaca.....	1
Gi3_27863897_x3....aucggagCcgucgugggaacacggggg.....	1
Gi3_27861347_x3.....acgucgugCgaacacggggugccgaaCu.....	1
Gi3_27806324_x3.....cgugggaacacggggAgc.....	1
Gi5_8709332_x3.....ucgugggaacacggggugccgCac.....	1
Gi3_27841604_x3.Ggcgaucggagacgucguggga.....	1
Gi2_10828039_x3....gaucggagacgucgCgggaacacggg.....	1
Gi3_27907781_x3.....ggagaUgucgugggaacacggggugcc.....	1
Gi3_27962993_x3.....cCgagacgucgugggaacacggggg.....	1
Gi2_10770793_x3.....ucgugggaacacgggAgugc.....	1
Gi3_27803915_x3.....acgucgugggaacacggggAgccgaac.....	1
Gi5_8716886_x3.....agacguUgugggaacacggggugccgaaCu.....	1
Gi2_10780711_x3.....ggagacgucgugggaacacggggugcU.....	1
Gi4_545679_x3.....cgugggaacacggggugcc.....	0
Gi3_27913940_x3....aCcgagacgucgugggaacac.....	1
Gi3_27972755_x3.....gucgugCgaacacggggugccgaaCu.....	1
Gi1_4070679_x3.....uAggaacacggggugccga.....	1
Gi2_10794790_x3.....gugggaacacggggugccgaaCuA.....	1
Gi2_10784905_x3.....ucguUggaacacggggugccg.....	1
Gi3_27818456_x3....gaucAgagacgucgugggaacacggg.....	1
G1a_5833633_x3.....gugggaGcacggggugccga.....	1
Gi1_4055781_x3.....cggagacgucgugggaacacggggugccga.....	0
Gi3_27914399_x3.....cggagacgucgugggaacCcggg.....	1
Gi2_10759261_x3.....acgucgugggaacacggggugccgCac.....	1
G1a_5873899_x3....aucggagacgucgugggaacacgggggUacc.....	1
Gi1_4075935_x3.....gggaacacggggGgccgaaCu.....	1
Gi3_27973067_x3....gaucggagacgucgugggaGcacgg.....	1
Gi2_10797103_x3....gaCcgagacgucgugggaaca.....	1
Gi5_8651492_x3.....gucgugggaacacggggugcAgaacu.....	1
Gi5_8655449_x3.....gacgucguNggaacacggggugccgaaCu.....	1
Gi2_10812430_x3.....cgugggaacacgggAugccgaac.....	1
Gi2_10734352_x3.....CcgucgugggaacacggggugccgaaCu.....	1
Gi2_10778269_x3.....cgucgugggaacacggggCg.....	1
Gi5_8684549_x3.....ugggaacacgggAugccgaac.....	1
Gi1_4059972_x3....Gcggagacgucgugggaacacggg.....	1
Gi5_8711654_x3.....cggagacgucgugggaacacggggugccgaaCu.....	0

Gi2_10798300_x3.....gacgucgugggaacacggggugcU..... 1
Gi1_4081848_x3.....ucgugggaacacggggCgccg..... 1
Gi3_27844175_x3.....gucgGgggaacacggggugc..... 1
Gi3_27942146_x3.....cgugggaaGacggggugccgaac..... 1
G1a_5826928_x3....aucgAagacgucgugggaacacggggug..... 1
Gi2_10750867_x3.....ggaGcacggggugccgaa..... 1
Gi2_10826707_x3.....ucguggCaacacggggugccgaacu..... 1
Gi2_10748743_x3.....ugggaacacggggugccgCacuu..... 1
Gi2_10803469_x3....gaucAgagacgucgugggaacacggggug..... 1
G1a_5818777_x3...cUaucggagacgucgugggaacacg..... 1
Gi5_8668460_x3.....cgucgugggaacacggggugccgUacu..... 1
Gi3_27849020_x3.....Ngggaacacggggugccgaacu..... 1
Gi1_4088802_x3.....Ugagacgucgugggaacacggggugc..... 1
Gi3_27822065_x3.....agacAucgugggaacacggggugccgaacu..... 1
G1a_5836057_x3.....ugAgaacacggggugccgaacu..... 1
Gi3_27892274_x3....gaCcgagacgucgugggaacacgg..... 1
Gi1_4071018_x3.....ggagacgucgugggaacacggggugcAg..... 1
Gi3_27846662_x3.....gggaacacggggugccgUa..... 1
Gi3_27919037_x3....gaucggagacgucguAggaacacgggg..... 1
Gi5_8681660_x3.....gggaacCggggugccgaac..... 1
Gi1_4073253_x3.....acgucgugggaacacggggugcUgaacu..... 1
Gi3_27799364_x3.....Agugggaacacggggugccg..... 1
Gi3_27797090_x3cugcgauccggagGcgucg..... 1
Gi2_10759159_x3....gaucggagacgucgugggaacacggggCgc..... 1
Gi3_27970514_x3.....aAucgugggaacacggggugccgaacu..... 1
Gi2_10732903_x3.....aCacgucgugggaacacggggugc..... 1
Gi4_550485_x3.....guAggaacacggggugccgaacu..... 1
Gi2_10730434_x3.....gugggaacacggggAgccga..... 1
Gi3_27851591_x3....aucggagacgucgugggGacacggggugc..... 1
Gi1_4079571_x3.....gaacacggggugccgaaAu..... 1
Gi3_27879392_x3.....gaacacggggUaccgaac..... 1
Gi2_10808542_x3.....gacgucguNgggaacacggggugcc..... 1
Gi2_10800268_x3.....cgugggaacacggggugcU..... 1
Gi5_8652890_x3.....gugggaacacggAgugccga..... 1
Gi2_10811815_x3.....CacgucgugggaacacggggU..... 1
Gi2_10808941_x3.....Agggaacacggggugccgaa..... 1
Gi1_4064226_x3....aucggagacgucgugggaCcacggggugcc..... 1
Gi2_10759816_x3.....gaacacggUgugccgaacu..... 1
Gi2_10827943_x3.....gaacacggggugccgaCc..... 1
Gi2_10817542_x3.....cgucgugggaacacggggugcUg..... 1
Gi5_8673617_x3.....cgugggCacacggggugccgaac..... 1
Gi3_27832283_x3.....cCucgugggaacacggggugccga..... 1
Gi3_27878072_x3.....gggaacacNgggugccgaacuu..... 1
Gi3_27851837_x3.....gucguAggaacacggggugcc..... 1
Gi2_10770733_x3.....cggagacgucgugggaacacAgggugc..... 1
Gi3_27965708_x3.....Agagacgucgugggaacacggggugccgaa..... 1
Gi2_10778554_x3.....ggagacgucgugggaacacggggugAc..... 1

Gi3_27924791_x3...gaGcgagacgucgugggaacac..... 1
 Gi5_8694947_x3.....ugggUacacggggugccgaa..... 1
 Gi2_10791646_x3.....gacgucgugggaGcacggggugc..... 1
 Gi3_27877439_x3.....aucggagacguUgugggaacacggggugcc..... 1
 Gi1_4059210_x3.....acgucgugNgaacacggggugccgaac..... 1
 Gi3_27932597_x3.....gaucggagacAucgugggaacacgggg..... 1
 Gl1a_5853256_x3.....ugggaaUacggggugccgaacu..... 1
 Gi2_10750255_x3.....gggaacacggAgugccgaac..... 1
 Gi3_27924137_x3.....gugggaacacgUggugccga..... 1
 Gi3_27865241_x3.....acgucgugggGacacggggugc..... 1
 Gi2_10804405_x3.....aucggagacgucgugggaacacgggAug..... 1
 Gi2_10822783_x3.....uUggagacgucgugggaaca..... 1
 Gi4_548769_x3.....aucggagacgucgugggaacacggggu..... 0
 Gi3_27955556_x3.....gagacgucgugggaGcacggggu..... 1
 Gi1_4086681_x3.....gugggaacacggggugccgCac..... 1
 Gi2_10807750_x3.....aucggagacguAgugggaacacggggugc..... 1
 Gi3_27891737_x3.....Ugagacgucgugggaacacggggugc..... 1
 Gi3_27913664_x3.....gacgucgugggaacacggggugcUgaac..... 1
 Gl1a_5859112_x3.ugcgauccggGgacgucgu..... 1
 Gi2_10806037_x3cugcgauccggagacgucgA..... 1
 Gi3_27903941_x3.....aucggagacgucgugggaUacggggugcc..... 1
 Gi2_10742797_x3.....gggaCcacggggugccgaac..... 1
 Gi3_27936638_x3.....gGgacgucgugggaacacggggugcc..... 1
 Gl1a_5831371_x3.....gugggaacNcggggugccg..... 1
 Gi2_10800646_x3.....gucguUggaacacggggugccgaacu..... 1
 Gi2_10760446_x3.....ggUgacgucgugggaaca..... 1
 Gi3_27843401_x3.....gacgucgugggaacacggggugccgUacu..... 1
 Gi2_10758421_x3.....cgugggaacacggggugUcga..... 1
 Gl1a_5874613_x3.....Gcgugggaacacggggugccgaac..... 1
 Gi1_4076163_x3.....gucgugggaacacggAgugccgaacu..... 1
 Gi3_27960848_x3.Ggcgauccggagacgucgugggaaca..... 1
 Gi3_27948608_x3.....uAgugggaacacggggugccgaac..... 1
 Gi2_10768942_x3.....gugggaacacgAgggugccgaa..... 1
 Gi3_27863798_x3.....cgugggaacacggggugcUga..... 1
 Gl1a_5873851_x3.....gugggaacacAgggugcc..... 1
 Gi2_10801255_x3.....ugggCcacggggugccg..... 1
 Gi1_4076373_x3.....gacgucgugggaacacAgggugccgaacu..... 1
 Gi3_27970904_x3.....gaucggagacgucgugggaacacggggAgcc..... 1
 Gi3_27832094_x3.....cgucgugggaacacggggugccAa..... 1
 Gi1_4081590_x3.....gUgacgucgugggaacacggggugcc..... 1
 Gi3_27950780_x3.....gaucggagacAucgugggaacacggggu..... 1
 Gi2_10751461_x3.....aucAgagacgucgugggaacacg..... 1
 Gi3_27883856_x3.....acgucguggUaacacggggugccgaac..... 1
 Gi2_10768621_x3.....cgucgugggaacCggggugccga..... 1
 Gi3_27942389_x3.....ucgugggaacCggggug..... 1
 Gi5_8681321_x3...cUaucggagacgucgugggaacacggg..... 1
 Gi2_10758526_x3.....acgucgugggaacacggggugGcgaacu..... 1

Gi3_27928439_x3.....cgugggaacaUggggugcc..... 1
 Gi2_10812571_x3....aucggagacguUgugggaacacggggu..... 1
 Gi3_27802805_x3....gaucggagacgCcgugggaacacgggg..... 1
 Gi3_27803402_x3.....gugggaacacgUggugcc..... 1
 Gi4_547791_x3.....gGgggaacacggggugccgaac..... 1
 Gi1_4088400_x3.....Ggacgucguggggaacacggggugcc..... 1
 Gi3_27921188_x3.....gacgCcgugggaacacggggugccgaac..... 1
 Gi3_27807353_x3.....cgugggaacacgCggugcc..... 1
 Gi3_27821660_x3.....gugggaacacUgggugccga..... 1
 Gi2_10774135_x3.....acgucAugggaacacggggugccgaac..... 1
 G1a_5815156_x3.....cgugggaacacggggugccgGacu..... 1
 Gi3_27948209_x3.....acgucgugNgaacacggggugccga..... 1
 Gi3_27960374_x3.....cggagGcugcuggggaacac..... 1
 Gi2_10737010_x3...cAaucggagacgucguggggaacacggggugc..... 1
 Gi2_10761067_x3....aucggagacgucgugggaaUacggggugc..... 1
 Gi2_10806004_x3.....gugggaacaAggggugccga..... 1
 Gi1_4065732_x3.....ggaCcacggggugccgaacu..... 1
 Gi2_10808470_x3.....ugggaacaNggggugccgaacu..... 1
 Gi2_10823332_x3.....cgugggaacGcggggugccg..... 1
 Gi3_27972911_x3....aucggagaUgucguggggaacacgg..... 1
 Gi2_10777033_x3.....ggNacacggggugccgaacu..... 1
 Gi2_10799812_x3.....gacgucguNggaacacggggu..... 1
 Gi3_27911222_x3....cAgagacgucguggggaacacggggu..... 1
 Gi1_4088517_x3.....acUucguggggaacacggggugccg..... 1
 Gi2_10814653_x3....gaucggagGcugcugggga..... 1
 Gi2_10728463_x3.....ggagacgucgugAgaacacggggugcc..... 1
 Gi5_8671298_x3....ucggagacNucguggggaacacg..... 1
 Gi1_4080531_x3....auUggagacgucguggggaacacgg..... 1
 Gi3_27939089_x3....gaGcggagacgucguggggaacacggggu..... 1
 G1a_5857135_x3.....ggaacacggggugcAgaacu..... 1
 Gi2_10823692_x3.....Uggagacgucguggggaacacggggu..... 1
 Gi3_27856013_x3.....acgucgugAgaacacggggugccgaa..... 1
 Gi3_27967715_x3.....Ugagacgucguggggaacacggggug..... 1
 Gi2_10822879_x3.....gucguggggaacacggggCgccg..... 1
 Gi5_8666564_x3.....Aacgucguggggaacacggggugccgaac..... 1
 Gi3_27833963_x3.....aGgucguggggaacacggggugccga..... 1
 Gi2_10739329_x3.....acgucgugAgaacacggggugccgaacu..... 1
 Gi3_27824306_x3....aucggagacgucguggggaacUcggggu..... 1
 Gi1_4064145_x3.....gucguggggaacacggggugGc..... 1
 Gi4_546303_x3....aucggagacgucguggggaacacggggugc..... 0
 Gi1_4071414_x3.....acgucgugggUacacggggugccgaacu..... 1
 Gi1_4055142_x3.....cAgagacgucguggggaacacggggugcc..... 1
 G1a_5834938_x3.....ugggaacacggggugcAgaacu..... 1
 Gi3_27975788_x3.....cggGgacgucguggggaacacggg..... 1
 Gi5_8676794_x3.....guUggaacacggggugccgaa..... 1
 Gi5_8692325_x3....aucggagacgucgugggaaUacg..... 1
 Gi3_27933242_x3.....cgugggCacacggggugcc..... 1

Gi3_27928310_x3.....ucggagacgCcgugggaacacggggugcc..... 1
Gi2_10822456_x3.....cgucguAggaaacacggggugc..... 1
Gi5_8706362_x3.....gggaacaUggggugccgaac..... 1
Gi2_10776541_x3.....uAggaaacacggggugccgaa..... 1
Gi1_4061307_x3.....ggaacacggggugccgUacu..... 1
Gi1_4052616_x3.....Augggaacacggggugccg..... 1
Gi5_8675609_x3.....acgAcgugggaacacggggugccgaacu..... 1
Gi5_8696045_x3.....gggaGcacggggugccgaa..... 1
Gi2_10758874_x3.....aucggagacgucgugggaacacggggugAc..... 1
Gi3_27946997_x3.....gugggaacacgUggugccgaa..... 1
Gi2_10759594_x3.....cgugggaacacUggggugcc..... 1
Gi3_27901238_x3.....aacacggggugccCaacu..... 1
Gi1_4056027_x3.....Ugacgucgugggaacacggggugccgaacu..... 1
Gi3_27869987_x3.....ggagacgucgugggaacGcg..... 1
G1a_5832430_x3.....cgGgggaacacggggugcc..... 1
Gi1_4075593_x3.....gacgucgugggaacCcgggugccgaacu..... 1
Gi1_4086879_x3.....cgugggaacacggggugcGgaacu..... 1
Gi3_27815444_x3.....uggAaacacggggugccg..... 1
Gi3_27825254_x3.....ucgugggaacacggggugcGgaacu..... 1
Gi5_8697584_x3.....ugggaacacggggugccgaaU..... 1
G1a_5826922_x3.....aucggagacgucgugggaacacggggC..... 1
Gi3_27815522_x3.....ggaacacggggUccgaa..... 1
Gi3_27901427_x3.....cgucAugggaacacggggugc..... 1
Gi2_10821940_x3..gcgaucggagacgucgug..... 0
Gi2_10749727_x3.....aucggagacgCcgugggaac..... 1
Gi2_10810957_x3.....gaucggagacgucgugggaacCcgggugc..... 1
Gi2_10803373_x3.....agacgucgugggaacGcggggugccgaacu..... 1
Gi2_10757023_x3.....ugggaacacggggugccgaaU..... 1
Gi1_4049010_x3.....gugggaCcacggggugccgaacu..... 1
G1a_5835508_x3.....Ggugggaacacggggugcc..... 1
Gi2_10817665_x3..gGucggagacgucgugggaaca..... 1
Gi3_27944330_x3.....ggaacacggggugccgCa..... 1
Gi3_27886172_x3.....ugggaacaGggggugccga..... 1
Gi3_27805952_x3.....gugggaacacggggUccg..... 1
Gi2_10755268_x3.....ggagacgucgugggaacacggggGgc..... 1
Gi1_4081326_x3..gaucggagNcgucgugg..... 1
Gi3_27951293_x3.....aucCgagacgucgugggaacacggggugc..... 1
Gi2_10817077_x3.....cggUgacgucgugggaacacggggugcc..... 1
Gi1_4052178_x3.....aacacgUggugccgaacu..... 1
Gi2_10805773_x3.....gugggaacacUggggugccg..... 1
Gi2_10813573_x3.....cgugggaacaAgggugccgaac..... 1
Gi1_4070493_x3.....gAgggaacacggggugccga..... 1
Gi3_27883913_x3.....ugggCcacggggugccg..... 1
Gi3_27968057_x3..gaucggCgacgucgugggaacacggg..... 1
Gi1_4074717_x3.....gggaGcacggggugccgaac..... 1
Gi3_27918530_x3.....aucggagacgucgugggaAac..... 1
Gi1_4082853_x3.....cgugggaacacggggCgccc..... 1

Gi3_27870863_x3.....gucgugggaacGcggggugccga..... 1
Gi3_27953717_x3...Caucggagacgucgugggaacacgggg..... 1
Gi4_552456_x3.....ugggaacacggggugccgaaAu..... 1
Gi1_4052958_x3.....ucgugggaacacggggugAcgaaacu..... 1
Gi2_10793179_x3.....ucgugggaacacggggugccgaUcu..... 1
Gi2_10774417_x3.....gggaacCcggggugccgaac..... 1
Gi5_8698481_x3.....ucgugggaacacgggUugccgaacu..... 1
Gi2_10738150_x3.ugcgauccgCgacgucgugggaaca..... 1
Gi3_27927239_x3...gaucgAagacgucgugggaacacggggg..... 1
Gi3_27874235_x3.....cgucgugggaAacggggugccga..... 1
Gi2_10729516_x3.....agacgucgugggaacacgggAugcc..... 1
Gi1_4080198_x3.....ucgugggaCcacggggugcc..... 1
Gi2_10768330_x3...Caucggagacgucgugggaacacg..... 1
Gi2_10814581_x3.....ucggagacgucgCgggaacacggggg..... 1
Gi1_4076172_x3...ucggagacgucgugggGacacg..... 1
Gi3_27901463_x3.....agacgucgugggaacGcggggugccgaacu..... 1
Gi2_10756315_x3.....cgucgugggaacacgAggugccg..... 1
Gi2_10749670_x3.....acgucAugggaacacggggugcc..... 1
Gi2_10740502_x3...Uucggagacgucgugggaacac..... 1
G1a_5815954_x3...gUucggagacgucguggga..... 1
Gi2_10752463_x3.....ucgugggaacacggggAgccgaac..... 1
Gi5_8656670_x3.....gugggaaUacggggugccg..... 1
Gi3_27856406_x3.....ucgugggaacacggAgugccg..... 1
Gi2_10735225_x3.....cggagacgucgugggaCcacggggugc..... 1
Gi3_27870818_x3.....gacgucgugggaacacggUuguccgaac..... 1
Gi2_10816861_x3.....gucguggAaacacggggugccgaac..... 1
Gi3_27952910_x3.....cggAUacgucgugggaacacg..... 1
Gi5_8715755_x3.....gugggaacaGggggugccgaacu..... 1
Gi2_10749271_x3...gaucggagacgucgGgggaacacggggg..... 1
Gi3_27820862_x3...aucggagacAucgugggaacac..... 1
Gi5_8669738_x3.....ucgugggaacacggggugcGgaacu..... 1
Gi2_10796344_x3...aucggagacgucgugggaAacggggugc..... 1
Gi5_8701061_x3...agacgucgugggaacacggggAgccgaacu..... 1
Gi1_4077852_x3.....ugggCacacggggugccgaacu..... 1
Gi2_10762348_x3...aucggagacguUgugggaacacggggg..... 1
Gi3_27859553_x3...cggagacgucguUggaacacggggg..... 1
Gi2_10758130_x3.....ggaacaAgggggugccgaac..... 1
Gi2_10741690_x3...Aggaacacggggugccga..... 1
Gi5_8706773_x3.....ggGacacggggugccgaac..... 1
Gi3_27811253_x3...gaucggagacgucgugggaCcacg..... 1
Gi2_10781374_x3.....ugggaacGcggggugccg..... 1
G1a_5853475_x3...gaacacggggugccgaCcu..... 1
Gi3_27834089_x3...ggagacgucgugggaacGcggggugcc..... 1
Gi4_549546_x3.....ucguUggaacacggggugccgaacu..... 1
Gi2_10748338_x3.....gggaacacggggUuccgaacu..... 1
Gi2_10795438_x3...cggagGcugcugggaacacggggg..... 1
Gi3_27827144_x3...ggagacguUgugggaacacggggg..... 1

Gi5_8702303_x3.....gggaacacggggugccgaaU..... 1
 Gi5_8699957_x3.....gugggaacacAgggugccga..... 1
 Gi3_27841475_x3.....gugggaacacgggggUccc..... 1
 Gi2_10728643_x3.....cgugggaacacggggGgccgaa..... 1
 Gi3_27878966_x3.....cgagagacuUgugggaacacgggggU..... 1
 Gl1_5861968_x3.....gugggaacacgggCgugccgaacu..... 1
 Gi3_27890897_x3.....cgaucggagacgucgugggaacacggggG..... 1
 Gi3_27946538_x3.....gucgugggNacacggggug..... 1
 Gl1_5821597_x3.....ggaacCcggggugccgaacu..... 1
 Gi5_8705870_x3.....ugggaacacggggugcAgaac..... 1
 Gi2_10766044_x3.....uggCaacacggggugccgaacu..... 1
 Gi3_27947603_x3.....uggUaacacggggugccgaac..... 1
 Gi1_4074924_x3.....ucgugggaacacggggugccgaUcu..... 1
 Gi1_4076070_x3.....gCgucgugggaacacggggugcc..... 1
 Gi2_10756420_x3.....acgucgugggaacGcggggugc..... 1
 Gi1_4081533_x3.....cgugggaGcacggggugccg..... 1
 Gi2_10749937_x3.....aucggagacgAcgugggaaca..... 1
 Gi2_10775620_x3.....ugggaacacgggAagucggaac..... 1
 Gi2_10766893_x3.....gaucggagNcgucgugggaacacg..... 1
 Gi5_8693672_x3.....gugggaacacggggugccgaC..... 1
 Gi1_4086768_x3.....Agagacgucgugggaacacggggugcc..... 1
 Gi3_27957194_x3.....gUagacgucgugggaacacggggugc..... 1
 Gi3_27894050_x3.....ucggagacNucgugggaacacggggU..... 1
 Gi5_8695256_x3.....ggaacGacggggugccgaac..... 1
 Gi5_8699030_x3.....cgugggaacGcggggugcc..... 1
 Gi5_8709968_x3.....agacgucgugggaacacggggUaccgaacu..... 1
 Gl1_5826586_x3.....Aaacacggggugccgaacu..... 1
 Gl1_5832079_x3.....gaucggagacgCcgugggaacacggg..... 1
 Gi3_27942383_x3.....gauUggagacgucgugggaacacg..... 1
 Gi2_10798459_x3.....Uucggagacgucgugggaacacggggugcc..... 1
 Gi2_10779133_x3.....ggagacAucgugggaacacggggugcc..... 1
 Gi3_27839636_x3.....Ccgugggaacacggggugccgaa..... 1
 Gi5_8696801_x3.....cgugggaacCcggggugccgaac..... 1
 Gl1_5825428_x3.....gggaacacggggugccgUacu..... 1
 Gi2_10809958_x3.....gAagacgucgugggaacacggggugcc..... 1
 Gi2_10763998_x3.....ggagacguNgugggaacacggggugc..... 1
 Gl1_5850442_x3.....aCcgagacgucgugggaacacggggU..... 1
 Gi2_10740481_x3.....ggAaacacggggugccgaac..... 1
 Gi3_27918212_x3.....aucgUagacgucguggga..... 1
 Gi5_8705129_x3.....acgucgugggaaUacggggugccgaacu..... 1
 Gi3_27912089_x3.....gugggaacacCggggugccga..... 1
 Gl1_4075632_x3.....cgugggaGcacggggugccgaa..... 1
 Gi3_27807521_x3.....cgucgugggaacacgggCgugccgaacu..... 1
 Gi3_27881111_x3.....gacAucgugggaacacggggugccgaacu..... 1
 Gi3_27890750_x3.....agaUgucgugggaacacggggugccgaacu..... 1
 Gl1_4053558_x3.....gugggGacacggggugcc..... 1
 Gi3_27917177_x3.....cgucgugggaacUcggggugccga..... 1

Gi3_27863285_x3....aucggagacgAcgugggaacacg..... 1
Gi1_4071327_x3.....agacgucgugggaacacAgggugccgaacu..... 1
Gi3_27929303_x3...cAaucggagacgucgugggaacacggggu..... 1
Gi3_27850148_x3.....ggagacgucguAggaacacggggu..... 1
Gi5_8705672_x3.....cgGgggaacacggggugccga..... 1
Gi2_10820941_x3.....ugggaacacggggugAcgaac..... 1
G1a_5869438_x3.....gugggaacacggAgugccga..... 1
Gi1_4048449_x3.....cUgagacgucgugggaacacggggugccgaacu..... 1
Gi2_10789837_x3.....ggUgacgucgugggaacacggggugccgaa..... 1
Gi3_27839084_x3...gaucggagacgucgugggGac..... 1
Gi2_10798792_x3...gaucggagacgucgugggaaAacggggugc..... 1
G1a_5835673_x3...aucggagacgucAugggaacacg..... 1
Gi2_10735897_x3...gaucggaAacgucgugggaacacggg..... 1
G1a_5826532_x3.....gugggaacUcggggugccgaacu..... 1
Gi2_10775545_x3...gaucggagGcgucgugggaacacg..... 1
Gi5_8663633_x3.....gugggaacacggggUcccgaacu..... 1
Gi2_10818196_x3.....gugggaacacggggUcccgaac..... 1
Gi3_27918179_x3.....guNggaacacggggugccga..... 1
Gi3_27846467_x3.....gugggaacacggggugGcgaa..... 1
Gi3_27799826_x3....aucggagacgucgugggaacaAg..... 1
Gi1_4085907_x3.....acgucgugggaacaAggggugccgaacu..... 1
Gi5_8691650_x3.....gggaacacggggugGcgaacu..... 1
Gi2_10736995_x3...gaucggagacgucgugggaacCc..... 1
Gi3_27912560_x3.....guAgugggaacacggggugccgaac..... 1
Gi3_27824693_x3.....agacgucgugggaacacggggugccgaacG..... 1
Gi5_8686826_x3.....gugggaacGcggggugccg..... 1
Gi1_4075824_x3.....cgugggaacacggggugccgaCc..... 1
Gi3_27953486_x3.....gggaacacggggUcccgaac..... 1
G1a_5844055_x3.....gaacacggggugccAaacu..... 1
Gi3_27859004_x3.....gggaacacCgggugccgaac..... 1
Gi1_4088766_x3.....ggaGcacggggugccgaac..... 1
G1a_5866222_x3....aucggagacgucgugggaG..... 1
Gi5_8692316_x3.....cAugggaacacggggugccga..... 1
Gi3_27925109_x3...gcgaucggNgacgucgug..... 1
Gi3_27833312_x3....aucggagacgucgugggaUcacggggu..... 1
Gi2_10745254_x3...gaucgAagacgucgugggaaca..... 1
Gi2_10794466_x3....aucggagacgucgugggaacacgggAugc..... 1
Gi2_10736158_x3.....cgugggaCcacggggugc..... 1
Gi3_27963245_x3....aucggagacgucgAgggaacacggggu..... 1
G1a_5840905_x3....cUgagacgucgugggaacacg..... 1
Gi2_10777042_x3.....gacgucgugggaacacggggugccgaaAu..... 1
Gi2_10808905_x3.....gucguAggaacacggggugccgaac..... 1
Gi2_10813876_x3.....gUagacgucgugggaacacggggugccgaacu..... 1
Gi3_27953096_x3.....cgugggUacacggggugccga..... 1
Gi3_27931370_x3.....acgucgugggaGacggggugccgaac..... 1
Gi3_27875804_x3...Ggaucggagacgucgugggaacacgg..... 1
Gi1_4059636_x3.....ucguggUaacacggggugccgaacu..... 1

Gi2_10784011_x3.....Ugacgucgugggaaacacggggg..... 1
Gi2_10811233_x3.....cgucgugggaaacacgggggAccgaa..... 1
Gi2_10787239_x3...Ggaucggagacgucgugggaaaca..... 1
Gi3_27835814_x3.....cgucgugggaaAacggggugccg..... 1
Gi1_4069764_x3.....ugggaGcacggggugccgaacu..... 1
Gi5_8661548_x3.....ugCgaacacggggugccgaacu..... 1
Gi5_8698763_x3.....ugggaUcacggggugccgaac..... 1
Gi2_10765219_x3.....cgucgugggaaacacggggugccC..... 1
G1a_5876332_x3.....gugggaacacggggugccGUacu..... 1
Gi1_4071903_x3.....ucgugggaaacacAgggugcc..... 1
Gi2_10743364_x3.....acgucgugggaaacacggggugcU..... 1
Gi2_10791397_x3.....ucgugggaaacacggUGugccgaacu..... 1
Gi3_27869366_x3.....cggagacgucgugggaaCcacggggg..... 1
Gi2_10825615_x3...gaCcgagacgucgugggaaacac..... 1
Gi2_10729045_x3.....ggaacacgCggugccgaac..... 1
Gi2_10788781_x3.....cgugggaaacCcgggugccgaa..... 1
Gi3_27824561_x3.....ucgugggaaacacggggugccUaacu..... 1
Gi2_10740928_x3...aucggaAacgucgugggaaacacgggg..... 1
Gi2_10736134_x3.....gacgucgugggaaacacggggCgccgaac..... 1
Gi3_27797693_x3.....cgugggaaacacggggugccC..... 1
G1a_5854384_x3.....cgugggaaacaAggggugccgaacu..... 1
Gi3_27933230_x3...Gcggagacgucgugggaaacacgg..... 1
G1a_5849782_x3...gaucggagacgucgugggaaGcacggg..... 1
Gi1_4063695_x3.....ggUGacgucgugggaaacacggggugc..... 1
Gi2_10740979_x3.....ggagacgucgugggaaacacggggCgccg..... 1
Gi3_27921569_x3.....gacgucgugggaaacCcgggugccgaac..... 1
Gi3_27883538_x3.....gacgucgugggaaacacgggAugccg..... 1
Gi3_27910703_x3.....cAgagacgucgugggaaacacg..... 1
Gi3_27871880_x3.....gucgugUGaacacggggugccgaacu..... 1
Gi3_27879404_x3.....gUgacgucgugggaaacacggggugccgaacu..... 1
Gi3_27934391_x3.....gugggaacacgggggUuccgaac..... 1
Gi4_545877_x3.....gugggaacacggggugcUgaacu..... 1
Gi3_27930425_x3...gaucggagacgucgugggaaacaUggggugc..... 1
Gi5_8652710_x3.....cgugggaaacacgggggUaccgaac..... 1
G1a_5822872_x3.....gAaacacggggugccgaac..... 1
Gi5_8688542_x3.uUcgauccgagacgucgugggaaacacg..... 1
Gi2_10809664_x3...gaucggagacgucgugggaaGca..... 1
Gi1_4059420_x3.....cgucgugggaaAacggggugccgaacu..... 1
Gi2_10784227_x3.....gacgucguggAaacacggggugccg..... 1
Gi5_8678357_x3.....ucUugggaacacggggugccgaac..... 1
Gi5_8697986_x3.....gggaacUcggggugccgaacu..... 1
Gi5_8715926_x3.....aacacggggugccCaacu..... 1
Gi3_27905708_x3.....cgucgugggaaacacggggugccC..... 1
Gi3_27803885_x3.....gucgGgggaacacggggugccga..... 1
Gi3_27865178_x3.....gacNucgugggaaacacggggugccgaacu..... 1
G1a_5867491_x3.....gggaaUacggggugccgaacu..... 1
Gi1_4052067_x3.....ggaacacggAgugccgaacu..... 1

Gi1a_5876032_x3...Uaucggagacgucgugggaacac..... 1
Gi3_27803858_x3.....gucgugggaGcacgggu..... 1
Gi2_10826632_x3.....cgAcgugggaacacgggg..... 1
Gi2_10761133_x3.....aUacgucgugggaacacgggg..... 1
Gi1_4088841_x3.....gugggaacGcggggugcc..... 1
Gi3_27864185_x3.....cgucgGgggaacacggggugccga..... 1
Gi3_27941927_x3.....gacgucgugggaacacggggugcAgaacu..... 1
Gi2_10787143_x3...gaucggagacgucAugggaacacggggugc..... 1
Gi2_10799326_x3.ugcgGucggagacgucguggga..... 1
Gi2_10795309_x3.....cgucgugggaaUacggggugccgaacu..... 1
Gi3_27907856_x3.gGgaucggagacgucgugggaaca..... 1
Gi5_8677325_x3.....gucgugggaacacggggugccgUacu..... 1
Gi3_27971141_x3...aucggagacgucgugggaUcacggggugcc..... 1
Gi3_27962765_x3.....ugggaacacgggCugccg..... 1
Gi1_4074723_x3.....guNggaaacacggggugccgaacu..... 1
Gi2_10790197_x3.....gggaacacggggugccCaacu..... 1
Gi3_27979238_x3...Caucggagacgucgugggaacac..... 1
Gi2_10737316_x3.ugcgaucgNagacgucgugggaaca..... 1
Gi1a_5862913_x3.....gugggaacaGggggugccgaacu..... 1
Gi2_10749646_x3.....gugggaaAacggggugccgaa..... 1
Gi4_550362_x3.....Cugggaacacggggugccgaa..... 1
Gi3_27940103_x3...gaucggagacgucgugggaacacggAg..... 1
Gi3_27881657_x3.....cgugggaacaGggggugccgaac..... 1
Gi2_10730275_x3...cgUucggagacgucgugggaacacggggug..... 1
Gi3_27942323_x3...gaucggagNcgucgugggaacac..... 1
Gi2_10784848_x3.....ggaacacggggugccgCa..... 1
Gi2_10772161_x3.....cgugggaacacgggCugcc..... 1
Gi4_549663_x3.....guggUaacacggggugccgaacu..... 1
Gi2_10796053_x3.....gucgugggaacaGggggugccgaacu..... 1
Gi3_27871451_x3...aucggagacguUgugggaacac..... 1
Gi2_10792666_x3.....Aacgucgugggaacacggggugccg..... 1
Gi3_27850634_x3...cggagacgucgugggaacGcgg..... 1
Gi3_27958811_x3...gaucggagacgucgugggaaUacg..... 1
Gi3_27934151_x3...auAggagacgucgugggaacacggg..... 1
Gi3_27944294_x3.....gggCacacggggugccgaac..... 1
Gi3_27807257_x3.....Cagacgucgugggaacacggggugccg..... 1
Gi2_10757557_x3...aucggagacgucgugggaacacggAgugc..... 1
Gi2_10770001_x3.....ucgugggaacacggggugcUgaac..... 1
Gi2_10824400_x3...gaucAgagacgucgugggaacacggggugcc..... 1
Gi3_27962891_x3.....gggaacacggggugccgG..... 1
Gi3_27854378_x3.....Agugggaacacggggugc..... 1
Gi2_10727827_x3.....gggaacacggUgugccgaacu..... 1
Gi5_8684675_x3.....ucgugggaacacggggugAcgaacu..... 1
Gi3_27894110_x3.....cgugggaacacggggAgccg..... 1
Gi3_27800747_x3...acgucgugUgaacacggggugccgaacu..... 1
Gi3_27958847_x3...ucggagacgCcgugggaacacggggg..... 1
Gi2_10732843_x3.....cgugggaacacgAggugcc..... 1

Gi2_10797019_x3...gaucggagacgucgugggaacaAggg..... 1
 Gi5_8675660_x3.....guggaacaacgUggugccgaac..... 1
 Gi2_10807438_x3.....ggaCcacggggugccgaac..... 1
 Gi5_8673848_x3.....Cugggaacaacggggugccg..... 1
 Gi5_8711174_x3.....aucggGgacgucgugggaacacggggu..... 1
 Gi3_27859775_x3.....cguNgugggaacacggggugccgaacu..... 1
 Gi1_4049220_x3.....cgucUugggaacacggggugccgaacu..... 1
 Gi3_27806318_x3.....gugggaacacUgggugcc..... 1
 Gi2_10763785_x3.....acgucgugggaacacggggugcA..... 1
 Gi2_10821571_x3.....aucggaAacgucgugggaacacggggugc..... 1
 G1a_5821882_x3.....gUgaacacggggugccgaac..... 1
 Gi5_8668277_x3.....cgugggaacacggggugccgaaA..... 1
 Gi3_27954656_x3.....agacgucAugggaacacggggugccgaac..... 1
 Gi2_10811071_x3.....guAggaacacggggugccgaa..... 1
 Gi3_27842783_x3...gaucggagacgucgugggaacacggggGgcc..... 1
 Gi1_4051854_x3.....gucgugggaacaGggggugccgaacu..... 1
 Gi2_10810147_x3.....aucggagacAucgugggaaca..... 1
 Gi2_10766299_x3.....acgucgugggaacacgggAugccgaacu..... 1
 Gi1_4061787_x3.....cgugggaaAacggggugccgaacu..... 1
 Gi5_8671109_x3.....aucggagaNgucgugggaacacggg..... 1
 Gi5_8717435_x3.....gugggGacacggggugccg..... 1
 Gi3_27958547_x3.....cggUacgucgugggaacacggggugcc..... 1
 Gi2_10817485_x3.....acgucgugggaacacggggugccGac..... 1
 Gi3_27958742_x3...gaucggagacgucgugggaGcac..... 1
 Gi5_8686478_x3.....gugggaacGcggggugccgaa..... 1
 G1a_5845792_x3.....ugggaUcacggggugccgaacu..... 1
 Gi2_10737913_x3.....Agugggaacacggggugccga..... 1
 Gi5_8682356_x3.....ugggaCcacggggugccgaac..... 1
 Gi3_27979301_x3.....ucggagacgucgugggCacacggggu..... 1
 Gi5_8686193_x3.....Ugagacgucgugggaacacggggugccgaac..... 1
 G1a_5832232_x3.Ggcgauccgagacgucgu..... 1
 Gi1_4063875_x3.....ggGgacgucgugggaacacggggugccgaacu..... 1
 Gi1_4048068_x3.....gugAgaacacggggugccgaac..... 1
 Gi2_10789240_x3.....gugUgaacacggggugcc..... 1
 Gi2_10743616_x3.....ggagacguUgugggaacacggggugcc..... 1
 Gi2_10730686_x3...gUucggagacgucgugggaacacggggugc..... 1
 Gi3_27840224_x3.....acgucgugggaCcacggggugccgaac..... 1
 Gi5_8662430_x3.....gAgggaacacggggugccga..... 1
 Gi5_8674967_x3.....Cugggaacaacggggugccgaacu..... 1
 Gi1_4049322_x3.....gucgugggNacacggggugcc..... 1
 Gi3_27939236_x3.....cgugggaUcacggggugcc..... 1
 Gi3_27866264_x3.....agacgucgugggaacacggggugccgaGcu..... 1
 Gi5_8686865_x3...gGucggagacgucgugggaacac..... 1
 Gi3_27816350_x3.....gugUgaacacggggugccga..... 1
 Gi4_549291_x3.....gugggaacacggggugccgaaAu..... 1
 Gi3_27862109_x3...Ucgauccgagacgucgugggaacacggggu..... 1
 Gi3_27922823_x3.....gugggaacacggCgugccgaa..... 1

Gi1a_5870404_x3.....gaacacggggCgccgaacu..... 1
Gi1a_5859607_x3....gaucggagacgucgugggCacacggg..... 1
Gi2_10790221_x3....aucggagacgucUugggaacac..... 1
Gi5_8657315_x3.....aacacCgggugccgaacu..... 1
Gi5_8703941_x3.....aacacCgggugccgaacu..... 1
Gi3_27947357_x3....aucggagacgucgugggaacaUggggugc..... 1
Gi1_4052358_x3..Ucgauccgagacgucgugggaaca..... 1
Gi4_550197_x3.....cgugggaacacAgggugccgaacu..... 1
Gi5_8702669_x3.....gugggaacacggggugccgaCcuu..... 1
Gi2_10792555_x3.....gucgugggaacacggggUaccgaac..... 1
Gi2_10826701_x3.....gucgugggaacacggggugcGgaacu..... 1
Gi2_10767676_x3.....Cgacgucgugggaacacggggugccgaacu..... 1
Gi5_8654792_x3.....cgucgugggaacacggggugcAgaacu..... 1
Gi1a_5854771_x3....aGcggagacgucgugggaacacggggug..... 1
Gi5_8664836_x3.....gaacacUgggugccgaacu..... 1
Gi3_27804146_x3.....cCucgugggaacacggggugc..... 1
Gi3_27959276_x3....aucggagacgucgugggaaca..... 0
Gi3_27814484_x3..gGgaucggagacgucgug..... 1
Gi1_4048494_x3.....agaUgucgugggaacacggggugccgaacu..... 1
Gi2_10821178_x3.....cgugggaacCggggugccga..... 1
Gi4_551727_x3.....cgugggaacacggggugccgCacu..... 1
Gi3_27842525_x3....gaucggagacgucguAggaacac..... 1
Gi1a_5872132_x3.....Augggaacacggggugccga..... 1
Gi2_10760725_x3.....agacgCcgugggaacacggggugccg..... 1
Gi2_10817107_x3....aCcgagacgucguggga..... 1
Gi2_10749289_x3.....gugggaacacgggCugccgaac..... 1
Gi4_547317_x3.....cgugggGacacggggugccgaacu..... 1
Gi5_8690675_x3.....cAugggaacacggggugccgaac..... 1
Gi1_4062036_x3.....ggagacguNgugggaacacggggugcc..... 1
Gi5_8702666_x3.....gacgucgugggaacacggggugccgGacu..... 1
Gi2_10760065_x3.....guUggaacacggggugccgaacuu..... 1
Gi2_10733548_x3....aucggagacgucgugggaUaccgggu..... 1
Gi2_10823371_x3.....cgucgugggaacacgggAugccgaacu..... 1
Gi3_27973466_x3.....Cucgugggaacacggggugcc..... 1
Gi3_27976973_x3...gaucggagacgucgugggaacCcg..... 1
Gi5_8663726_x3.....cgugggaacacggggugAcgaac..... 1
Gi1_4054014_x3....aucggagaNgucgugggaacacg..... 1
Gi3_27887930_x3....aucggagacgucgugggaacacAgggugcc..... 1
Gi1_4050567_x3.....cgGgggaacacggggugccga..... 1
Gi1_4080390_x3.....aacacgggNugccgaacuu..... 1
Gi3_27945755_x3...gGucggagacgucgugggaac..... 1
Gi1_4088238_x3.....acgucgugggaacacggggugAcgaacu..... 1
Gi5_8651468_x3.....guAggaacacggggugccga..... 1
Gi5_8660984_x3.....aacacgggguUccgaacu..... 1
Gi3_27965918_x3.....cgucguggAaacacggggugccga..... 1
Gi1a_5871601_x3.....gggaacacggggugccgGacu..... 1
Gi2_10783210_x3.....agacgucgugggGacacggggugc..... 1

Gi3_27933758_x3.....acgucgugggaacacggggugAc..... 1
 Gi2_10769218_x3...gaucAgagacgucgugggaacacggggugc..... 1
 Gi1_4077654_x3.....gugggaacacggggugUc..... 1
 Gi1_4079394_x3.....ggagacgucgugUgaacacggggugccg..... 1
 Gi2_10776688_x3...gaucAgagacgucgugggaacacgggggu..... 1
 Gi5_8678867_x3.....gggaacCcggggugccgaa..... 1
 Gi1_4052940_x3.....cUugggaacacggggugc..... 1
 G1a_5829595_x3.....Gcggagacgucgugggaacacgg..... 1
 G1a_5840815_x3.....Cugggaacacggggugcc..... 1
 Gi2_10726444_x3...cgUucggagacgucgugg..... 1
 G1a_5825074_x3.....cgugggaacCcggggugccgaacu..... 1
 Gi2_10777318_x3.....gucgugggaacacggggugccgaacG..... 1
 Gi2_10726510_x3...gaucggagacgucgugggaacaAggggu..... 1
 Gi5_8661320_x3.....gugggaacNcggggugccgaa..... 1
 Gi2_10770121_x3...cgagacgucgugggaacacggg..... 0
 G1a_5864272_x3.....gugggaacacggggugccgaacG..... 1
 Gi1_4056990_x3.....ggaacacggggUAccgaacu..... 1
 Gi2_10780222_x3...gaCcgagacgucgugggaacacg..... 1
 Gi3_27845630_x3.....uNggaacacggggugccgaac..... 1
 Gi2_10756531_x3...cUaucggagacgucgugggaacacgggg..... 1
 Gi1_4076895_x3.....cUgagacgucgugggaacacgggg..... 1
 Gi1_4087335_x3.....acguUgugggaacacggggugccgaacu..... 1
 Gi1_4065624_x3.....gucgugggaacacggggugcUgaacu..... 1
 Gi1_4080627_x3.....cgucAugggaacacggggugcc..... 1
 Gi2_10826314_x3...aucggaAacgucgugggaacacggggug..... 1
 G1a_5851645_x3.....uggNaacacggggugccgaacu..... 1
 Gi2_10815088_x3.....Ugucgugggaacacggggugcc..... 1
 G1a_5872516_x3.....cgAgggaacacggggugcc..... 1
 Gi1_4075395_x3...gGgacgucgugggaacacggggugccgaacu..... 1
 Gi1_4059270_x3.....guUggaacacggggugcc..... 1
 Gi3_27809864_x3.....ucgugggaacUcggggugccgaacu..... 1
 Gi3_27935345_x3.....gaGcacggggugccgaacu..... 1
 Gi2_10776319_x3...cggGgacgucgugggaacacggggugccgaa..... 1
 Gi3_27902123_x3...Uggagacgucgugggaacacggggugccga..... 1
 Gi4_545151_x3.....gUaacacggggugccgaac..... 1
 Gi2_10793869_x3...aucggagacgucgugggUacacgggggu..... 1
 Gi1_4059762_x3.....aacacggggugccgUacu..... 1
 Gi2_10793458_x3.....gucgugggaacacggggugAc..... 1
 Gi2_10828048_x3...cgGcgugggaacacggggugccgaac..... 1
 Gi3_27866117_x3...ggagacgucgugggaacacggggA..... 1
 Gi2_10745245_x3...aucggagCcgucgugggaacacgggggu..... 1
 Gi3_27923294_x3.....ggAaacacggggugccgaa..... 1
 Gi2_10737436_x3.....ggaacacgggCugccgaacu..... 1
 Gi3_27967730_x3.....Uugggaacacggggugccgaacuuu..... 1
 Gi2_10798951_x3...aucggagacgucgugggUaca..... 1
 Gi3_27916112_x3...gagacgucgugggaacGcggggugccgaac..... 1
 Gi2_10817053_x3.....gucgCgggaacacggggugccgaac..... 1

Gi1_4086882_x3.....gacAucgugggaacacggggugccgaacu.....	1
Gi3_27862628_x3.....cgCcgugggaacacggggugccgaa.....	1
Gi3_27894512_x3cugcgaCcgagacgucg.....	1
Gi1_4068357_x3.....aCacgucgugggaacacggggugccgaacu.....	1
Gi3_27852035_x3.....aucggagacgucgugggaGacggg.....	1
Gi2_10784365_x3.....gucgugggaUcacggggugccgaacu.....	1
Gi2_10796734_x3.....gggaacacgggCugccgaacu.....	1
Gi3_27837236_x3.....guggCaacacggggugccga.....	1
Gi1a_5850307_x3.....ggaacUcggggugccgaacu.....	1
Gi5_8714585_x3.....uCggaacacggggugccgaa.....	1
Gi2_10807684_x3.....aucggGgacgucgugggaacacggggugccgaac.....	1
Gi4_550170_x3.....cgucgugggaacacggggugccgaac.....	0
Gi3_27918725_x3.....cggagacAucgugggaacacggggg.....	1
Gi2_10820017_x3.....cgugggaacacgCggugccgaac.....	1
Gi3_27801377_x3.....gacgucgugggaacacggggugccgaacG.....	1
Gi3_27812246_x3.....aucggagacUucgugggaacac.....	1
Gi2_10742341_x3.....cgugggaacacggggugcAgaac.....	1
Gi2_10749811_x3.....cgucgugggaCcacggggugc.....	1
Gi2_10818886_x3.....ggaaUacggggugccgaac.....	1
Gi3_27963212_x3.....aacacggggUaccgaacuu.....	1
Gi3_27926960_x3.....acgucgugggaacacgAggugcc.....	1
Gi1a_5835199_x3.....ugggaacacgggAugccgaacu.....	1
Gi5_8683043_x3.....agUcugcuggggaacacggggugccgaac.....	1
Gi1a_5849461_x3.....aucggagacgucgugggaCcacgggg.....	1
Gi1_4056000_x3.....ugggaacacggggugccgaaAu.....	1
Gi3_27796562_x3.....gaucggUgacgucgugggaacacgggg.....	1
Gi1a_5863120_x3.....ggaacacgNggugccgaac.....	1
Gi3_27979745_x3.....ugggaaAacggggugccga.....	1
Gi2_10731217_x3.....cgucgugggaacacggggugcUga.....	1
Gi3_27966812_x3.....ucguggUaacacggggugccgaacu.....	1
Gi3_27810149_x3.....gaucggagacgucgugggUacacgggg.....	1
Gi2_10772365_x3.....gUgacgucgugggaacacggggugccgaac.....	1
Gi3_27888605_x3.....gacgucgugggaacacgggAugccgaacu.....	1
Gi2_10726195_x3.....ucgugAgaacacggggugccgaac.....	1
Gi2_10826347_x3.....cgaucggaNacgucgugg.....	1
Gi3_27925478_x3.....aucggagacgucgugggaUcacggg.....	1
Gi3_27816263_x3.....cgucgugggUacacggggugccga.....	1
Gi2_10752319_x3.....ucggUgacgucgugggaa.....	1
Gi3_27934034_x3.....cgucgugggaacacggggugAcg.....	1
Gi2_10786963_x3.....cgugggaaUacggggugccga.....	1
Gi3_27821687_x3.....ggaacacggggugGcgaacu.....	1
Gi2_10734061_x3.....aucggagacguUgugggaacacg.....	1
Gi2_10825258_x3.....acgucgugggaacacggggAgccgaacu.....	1
Gi2_10759132_x3.....ugggaacacggggugccgaC.....	1
Gi2_10803274_x3.....aucggUgacgucgugggaacacg.....	1
Gi3_27853268_x3.....ggaCcacggggugccgaacu.....	1
Gi3_27801899_x3.....cgGucggagacgucguggg.....	1

Gi3_27935435_x3.....gUagacgucgugggaacacggggugccgaa..... 1
 Gi3_27947759_x3.....gggaacacggggugGcgaac..... 1
 Gi3_27943604_x3.....agacgucgugggaacUcggggugccgaacu..... 1
 Gi2_10794130_x3.....cgugggaacacggggGgccg..... 1
 Gi3_27847958_x3.....gggaacacggggugUcga..... 1
 Gi2_10728640_x3.....aucAgagacgucgugggaacacgggg..... 1
 Gi3_27800000_x3.....ggaacacggggUcccgaac..... 1
 Gi3_27906728_x3.....cgucguggAaacacggggugc..... 1
 Gi3_27814181_x3.....aucggagacgucGgggaacacggggugc..... 1
 Gi3_27903353_x3.....gacAucgugggaacacggggugccgaac..... 1
 Gi3_27836417_x3.....cggagacgucGgggaacacggggg..... 1
 Gl1_5820790_x3.....aucggagacgucgUggaacacggg..... 1
 Gi5_8691932_x3.....Ggugggaacacggggugcc..... 1
 Gi5_8660855_x3.....agacgucgugggaacacggggugcUgaacu..... 1
 Gi3_27929879_x3.....cggagacgucgugggaacacgAggu..... 1
 Gl1_5871073_x3.....ggaNcacggggugccgaacu..... 1
 Gi2_10783585_x3.....gaucggagacgUguggga..... 1
 Gi3_27910634_x3.....gggaacacggggugccCaac..... 1
 Gi5_8692445_x3.....auUggagacgucgugggaacacggggg..... 1
 Gi3_27866645_x3.....cgaucggagGcucgugggaacacggggg..... 1
 Gi2_10747369_x3.....gaacaAggggugccgaacu..... 1
 Gi5_8664128_x3.....acgucgugggaacGcggggugcc..... 1
 Gi2_10764763_x3.....ggUaacacggggugccga..... 1
 Gi3_27803093_x3.....gaucggagacgucgugggaacaAggg..... 1
 Gi2_10797907_x3.....aucggagacGcuggggaacacggggg..... 1
 Gi3_27883004_x3.....cgugggaacCcggggugccg..... 1
 Gl1_5864809_x3.....gAaacacggggugccgaacu..... 1
 Gi1_4054662_x3.....aucggagaNcucgugggaacacggggugcc..... 1
 Gi1_4075992_x3.....gugggaacCcggggugcc..... 1
 Gi3_27800921_x3.....ucgugggaNcacgggggug..... 1
 Gi5_8694500_x3.....aacacggggugGcgaacu..... 1
 Gi5_8706155_x3.....gacgucGcgggaacacggggugccgaac..... 1
 Gi5_8707220_x3.....cgugggaacacggggGcggca..... 1
 Gi3_27908333_x3.....cgaucggagacgucgugggaCcacggg..... 1
 Gi2_10777213_x3.....cgugggaacacggggUaccgaa..... 1
 Gi2_10820020_x3.....aucggagacgucgugggUacacggggugc..... 1
 Gi2_10734325_x3.....ugggaaUacggggugccga..... 1
 Gl1_5828833_x3.....gggaacaAggggugccgaacu..... 1
 Gi1_4071768_x3.....acgucAugggaacacggggugccgaacu..... 1
 Gi5_8687252_x3.....aucgUagacgucgugggaacacggggg..... 1
 Gi2_10771786_x3.....gugggaacacgggCugccg..... 1
 Gi5_8711792_x3.....cguUgugggaacacggggugc..... 1
 Gi2_10745842_x3.....aucggCgacgucgugggaacacggggg..... 1
 Gi2_10760116_x3.....cgucAugggaacacggggugcc..... 1
 Gi3_27825662_x3.....gggaacacggggGgccga..... 1
 Gi1_4061859_x3.....cgugUgaacacggggugccg..... 1
 Gi1_4059054_x3.....gacgucgugggaGcacggggugccgaacu..... 1

Gi2_10747471_x3.....gaacacggggugccgaUcu..... 1
 Gi3_27938246_x3.....ucggagacgucguAggaacacggggugcc..... 1
 Gi3_27801683_x3.....uGgugggaacacggggugccga..... 1
 Gi1_4074750_x3.....gugggaacUcggggugccgaacu..... 1
 Gi1_4080966_x3.....Augggaacacggggugccga..... 1
 Gi5_8664650_x3.....gaacacgCggugccgaacu..... 1
 Gi5_8683115_x3.....ggaacacggggAgccgaac..... 1
 Gi3_27844277_x3.....ggaacacggggugccCaac..... 1
 Gi2_10783036_x3.....Ggucgugggaacacggggugccgaa..... 1
 Gi3_27929564_x3.....ggNacacggggugccgaacu..... 1
 Gi1_4060818_x3.....Acgugggaacacggggugcc..... 1
 Gi3_27940097_x3.....Gggagacgucgugggaacacggggugccgaacu..... 1
 Gi3_27935048_x3.....aucggagacgucgugggaacaAggggu..... 1
 Gi2_10787461_x3.....aucggagacgucgugggaacGcgg..... 1
 Gi2_10783987_x3.....gacgucgugggaacacggUgugcc..... 1
 Gi3_27926144_x3.....uUggagacgucgugggaacacg..... 1
 Gl1a_5868439_x3.....ggaacacggggCgcccgaac..... 1
 Gi3_27894605_x3.....gggaacacggggugccAgaa..... 1
 Gi3_27921194_x3.....agacgucgugggaacacggggugccg..... 0
 Gi2_10763002_x3.....Cucggagacgucgugggaacacggggugc..... 1
 Gi1_4047879_x3.....cggagacgucgugggaacacggggug..... 0
 Gl1a_5841409_x3.....aacacggggugccgGacu..... 1
 Gi3_27813986_x3.....gaucggagacgucgugAgaacacggg..... 1
 Gi1_4057707_x3.....cgucgugggaacacgAggugccgaacu..... 1
 Gi2_10762717_x3.....gaucggGgacgucgugggaacacg..... 1
 Gi3_27885230_x3.....gugggaacaAggggugccg..... 1
 Gi5_8665718_x3.....gacgucgugggGacacggggugccgaacu..... 1
 Gi5_8663048_x3.....gugggGacacggggugcc..... 1
 Gi3_27815954_x3.....gaucggagGcucgugggaacac..... 1
 Gi1_4074492_x3.....ugggaaAacggggugccgaacu..... 1
 Gl1a_5857381_x3.....gaucggagacgucgugggaacCcggggu..... 1
 Gi1_4055745_x3.....ucgugggaaAacggggugccgaacu..... 1
 Gi5_8675246_x3.....aucggagacgucguggGcacacg..... 1
 Gl1a_5855146_x3.....cgugggUacacggggugccgaacu..... 1
 Gi3_27855653_x3.....acgucgugggaGcacggg..... 1
 Gi2_10751338_x3.....acgucgugggaaAacggggugc..... 1
 Gi3_27839732_x3.....gaucggagaUgucgugggaacacggggu..... 1
 Gi2_10758457_x3.....aucggagaUgucgugggaacacggggugcc..... 1
 Gi2_10732465_x3.....aCcacggggugccgaacu..... 1
 Gl1a_5874043_x3.....gugggaacacggggugccgaaU..... 1
 Gi3_27920540_x3.....auNggagacgucgugggaacacggggu..... 1
 Gi2_10764361_x3.....ucggagacgucgugggGacacg..... 1
 Gi5_8714552_x3.....Ggucgugggaacacggggugcc..... 1
 Gi5_8688242_x3.....ggNaacacggggugccgaacu..... 1
 Gi3_27903650_x3.....gaucggagacgucgugggaacGc..... 1
 Gi3_27930542_x3.....aucGUagacgucgugggaacacggggugc..... 1
 Gi2_10760020_x3.....ggagacAucgugggaacacggggug..... 1

Gi5_8675285_x3.....	gggaacacgAggugccgaac.....	1
Gi2_10790503_x3....	gaucggagacgucguggaacaacAgggugc.....	1
Gi2_10810327_x3....	aucggagacguGguggaacaacggg.....	1
Gi2_10743982_x3.....	ggaacacggggugccUaacu.....	1
Gi5_8663072_x3.....	ucguggCaacacggggugccgaacu.....	1
Gi5_8680040_x3.....	ugggGacacggggugccgaa.....	1
Gi1_4054194_x3.....	ucguggGacacggggugcc.....	1
Gi2_10814386_x3.....	gggaacacggggUcCccgaacu.....	1
Gi3_27866261_x3.....	ucgugggaaAacggggugccgaac.....	1
Gi3_27875294_x3.....	ugggaacaGggggugccgaac.....	1
Gi3_27815600_x3.....	gacgCcgugggaacacggggg.....	1
Gi1_4075587_x3....	gaucggagacgucgugggaacacggggugc.....	0
Gi3_27960317_x3.....	acUcggggugccgaacuu.....	1
Gi2_10744408_x3.....	ugggaacacggggugUcg.....	1
G1a_5834365_x3.....	Caacacggggugccgaacu.....	1
Gi1_4064406_x3.....	ugggaacacggggugccUaacu.....	1
Gi2_10807972_x3.....	ucgugggaacacggggUaccgaac.....	1
Gi3_27833243_x3.....	Gcacggggugccgaacuu.....	1
G1a_5824249_x3.....	gaacaUggggugccgaacu.....	1
Gi3_27871103_x3.....	gggUacacggggugccgaa.....	1
Gi5_8694914_x3.....	ucgugggaacCcgggugccgaac.....	1
Gi3_27927203_x3.....	ggaacacCggggugccgaacu.....	1
Gi1_4078482_x3.....	gagacgCcgugggaacacggggugccgaacu.....	1
Gi5_8657180_x3.....	agacgucgugggaacacggggugAcgaacu.....	1
Gi1_4052985_x3.....	gCagacgucgugggaacacggggugcc.....	1
Gi2_10728763_x3.....	aGcgagacgucgugggaa.....	1
Gi2_10806292_x3.....	cgucgugggaCcacggggugccg.....	1
Gi3_27840512_x3.....	ucggagacgucgCgggaacacggggg.....	1
Gi2_10801072_x3.....	aAcggagacgucgugggaaca.....	1
Gi1_4066944_x3....	gaucggagacgucgCgggaacacggggugccg.....	1
Gi2_10814467_x3.....	ggNgacgucgugggaacacggggugcc.....	1
Gi3_27899126_x3.....	Nggaacacggggugccgaac.....	1
G1a_5851702_x3.....	gugggaacaAggggugccgaacu.....	1
Gi3_27824948_x3.....	Uucggagacgucgugggaacaacgggg.....	1
Gi5_8683868_x3.....	agacgucgAgggaacacggggugccgaacu.....	1
Gi3_27907553_x3.....	agacgucgugggaacacggggugUcgaacu.....	1
Gi3_27956225_x3.....	Aacgucgugggaacacggggugccg.....	1
Gi5_8703542_x3.....	gugggaacacggggUccgaacu.....	1
Gi3_27836384_x3.....	aucgAagacgucgugggaacacgggg.....	1
Gi2_10733638_x3....	aucggagacgucgugggaacaUggggug.....	1
Gi2_10822747_x3.....	ucUgagacgucgugggaacacg.....	1
Gi3_27886427_x3.....	cgUgugggaacacggggugccg.....	1
Gi2_10737547_x3.....	ugggUacacggggugccga.....	1
Gi1_4084722_x3....	gaucggagacgucgugggaacacg.....	0
Gi3_27977213_x3.....	Ngugggaacacggggugccgaac.....	1
Gi2_10783798_x3.....	aucggagGcugcugggaacacgg.....	1
Gi2_10744417_x3.....	gaucggagacAucgugggaacacggggg.....	1

Gi2_10796488_x3.....ggagacguNguggaacac..... 1
Gi2_10748488_x3.....aucggCgacgucguggaacacggg..... 1
Gi2_10825000_x3.....cgucUuggaacacggggugc..... 1
Gi2_10778941_x3.....Uucggagacgucguggaacacggg..... 1
Gi2_10813732_x3.....cguggaacacggggGgc..... 1
Gi3_27852392_x3.....aucggagacgucguggaacacggggGgc..... 1
Gi1_4063134_x3.....aGcggagacgucguggaacacggg..... 1
Gi2_10744510_x3.....agacgucguggaaUacggggugccgaacu..... 1
Gi2_10761445_x3.....Ugucguggaacacggggugccga..... 1
Gi1_4087119_x3.....aucggGgacgucguggaacacggg..... 1
Gi2_10809565_x3.....Ccgucguggaacacggggugcc..... 1
Gi1_4059753_x3.....cUucguggaacacggggugccg..... 1
Gi2_10783732_x3.....guggCaacacggggugcc..... 1
Gi2_10805077_x3.....gaucggagacgucguggaacGcggggugcc..... 1
Gi5_8714222_x3.....ucguggaacAaggggugccgaacu..... 1
Gi3_27872360_x3.....aucggagacgucguggaacacCgg..... 1
Gi3_27924533_x3.....agacgucguggaacCggggugccgaacu..... 1
Gi3_27888302_x3.....Ucgauccgagacgucguggaacacggg..... 1
Gi2_10812781_x3.....cguAggaacacggggugc..... 1
Gi3_27887492_x3.....ggaacaGggggugccgaacu..... 1
Gi1_4084443_x3.....agacgucguggaGcacggggugccgaacu..... 1
Gi1_4061400_x3.....ucguggaacacggggCgc..... 1
Gi3_27843680_x3.....cgUagacgucguggaacacggggugcc..... 1
Gi1_4055457_x3.....aacUcggggugccgaacu..... 1
Gi5_8668676_x3.....gggaacacggggugccgUac..... 1
Gi5_8692136_x3.....Gcuuuccagcgccugcuccacc..... 1
Gi1_4050477_x3.....Gguggaacacggggugccgaa..... 1
Gi3_27972641_x3.....gaucggagacgucguggaacacggggugUc..... 1
Gi2_10788151_x3.....ggaacacgggUugccgaacu..... 1
G1a_5853538_x3.....gggaacacggggUaccgaacu..... 1
Gi5_8702921_x3.....gggaacacggCgugccgaacu..... 1
Gi5_8710031_x3.....ucNuggaacacggggugccgaacu..... 1
Gi2_10806601_x3.....agacgucguggGacacggggugccg..... 1
Gi1_4077195_x3.....gacgucguggaacacggggugccgCacu..... 1
Gi5_8679695_x3.....guggAaacacggggugccga..... 1
Gi2_10753723_x3.....gaacacggggUuccgaacu..... 1
Gi5_8689673_x3.....gUacacggggugccgaac..... 1
Gi1_4079916_x3.....uggaacacggggugccgaGc..... 1
Gi2_10753561_x3.....Agggaacacggggugccga..... 1
Gi3_27796256_x3.....cgauccgagacgucguggaacCcg..... 1
Gi5_8708816_x3.....gNgggaacacggggugccgaacu..... 1
Gi3_27803624_x3.....Cgagacgucguggaacacggggugccga..... 1
Gi5_8655929_x3.....gacgucguggaacAuggggugccgaacu..... 1
Gi2_10738363_x3.....cguggaacacggggugccgGa..... 1
G1a_5831893_x3.....guggaacacgCggugccgaacu..... 1
Gi2_10776682_x3.....agacgucguAggaacacggggugcc..... 1
Gi1_4069098_x3.....aGcggagacgucguggaacacggggugc..... 1

Gi2_10820815_x3.....gacgucgugggaacacAgggugccgaacu..... 1
Gi2_10727941_x3.....agacgucgugggaacacAgggugcc..... 1
G1a_5848867_x3.....gugggaacacggggugccgaUcu..... 1
Gi3_27896564_x3.....cUgagacgucgugggaacacggggugccgaa..... 1
Gi4_552207_x3.....cUucgugggaacacggggugcc..... 1
Gi5_8691200_x3.....Cgacgucgugggaacacggggugccgaacu..... 1
Gi5_8673011_x3.....acgucguggAaacacggggugccgaacu..... 1
Gi3_27857210_x3.....cgugggaacacgAggugccga..... 1
Gi2_10770409_x3.....gaaAacggggugccgaacu..... 1
Gi3_27813023_x3.....cggagacgucgugggaacacggggugcA..... 1
G1l_4088715_x3.....gaacacggggugccUaacu..... 1
Gi2_10811866_x3.....gacgucgugggaacacAgggugcc..... 1
Gi2_10741327_x3.....Cacgucgugggaacacggggugccgaacu..... 1
Gi5_8670902_x3.....aucggagGcugcugggaacacggggg..... 1
Gi2_10812994_x3.....agacgucgugggaacacAgggugccgaacu..... 1
Gi3_27965642_x3.....gaucggagacgucgugggGacacggggugc..... 1
Gi2_10814248_x3.....cUgagacgucgugggaacacggggugccga..... 1
G1a_5865688_x3.....gucgugggaacacggggugccgCac..... 1
G1l_4068378_x3.....uGggagacgucgugggaacacggg..... 1
Gi3_27962873_x3.....Agagacgucgugggaacacggggugccg..... 1
Gi3_27898190_x3.....gagacgucgugggGacacggggg..... 1
Gi2_10733626_x3.....cgucguAggaacacggggugcc..... 1
Gi2_10763503_x3.....uggaacCggggugccg..... 1
Gi3_27887453_x3.....acgucgugggaacacggggugcGgaacu..... 1
Gi3_27945371_x3.....cgucAugggaacacggggugccga..... 1
Gi2_10800697_x3.....cgugggaacacgggUugccgaacu..... 1
Gi3_27878600_x3.....cgaucggagGcugcugggaacacg..... 1
Gi2_10773031_x3.....gucguggCaacacggggugccgaacu..... 1
Gi5_8687504_x3.....cgugggaacacgUggugcc..... 1
Gi3_27867434_x3.....ucgugggaacacggggugGcgaacu..... 1
G1l_4065951_x3.....cgucguAggaacacggggugccgaacu..... 1
G1l_4059837_x3.....cgugggaacacgCggugccgaacu..... 1
Gi5_8685278_x3.....uggaacacgggggUcccgaacu..... 1
Gi2_10802776_x3.....ggaacUcggggugccgaac..... 1
Gi5_8663684_x3.....cgugggaacacgUggugccga..... 1
Gi2_10787071_x3.....gucgugggaacacgAggugccgaac..... 1
Gi3_27918344_x3.....aucggCgacgucgugggaacac..... 1
G1l_4087809_x3.....Aacgucgugggaacacggggugccgaacu..... 1
G1l_4054245_x3.....gGcugcugggaacacggggugccgaac..... 1
G1l_4078098_x3.....gugggaacacggggugcUgaacuu..... 1
Gi3_27886835_x3.....Uagacgucgugggaacacggggugccgaa..... 1
Gi2_10823797_x3.....uggaacUcggggugccgaacu..... 1
Gi5_8669942_x3.....cgCcgugggaacacggggugc..... 1
G1a_5817355_x3.....gggaaAacggggugccgaacu..... 1
Gi2_10793074_x3.....cgucgugggaacaUggggugcc..... 1
Gi5_8705045_x3.....gaucggagacgucgugggGacacggg..... 1
Gi2_10754992_x3.....gaucggagacgucgCgggaacacggggg..... 1

Gi2_10817035_x3...gaucggagacgucgugggaGcacggg..... 1
Gi3_27973244_x3.....cggagacgucgugggGacacggggu..... 1
Gi5_8690648_x3.....acgNcgugggaacacggggugccgaacu..... 1
Gi3_27811070_x3.....gugggaCcacggggugccg..... 1
Gi2_10734811_x3...gaucggagacgCcgugggaacacggg..... 1
Gi3_27891047_x3.....agacgucgugggaacacggAgugccgaacu..... 1
Gi2_10771588_x3.....gGcgugggaacacggggugccgaa..... 1
Gi2_10728835_x3...gaucggagacgucgugggaacacggggGgcc..... 1
Gi3_27918134_x3.....agacgucgugggaacacggggugcUgaac..... 1
Gi3_27866378_x3.....cgugggaacGcggggugccgaa..... 1
Gi3_27854351_x3.....ucguCggaacacggggugccgaac..... 1
Gi2_10788961_x3.....ucggagacNucgugggaaca..... 1
Gi2_10732633_x3...ucggagacNucgugggaacacggggugc..... 1
G1a_5869159_x3...aAcggagacgucgugggaacacggg..... 1
Gi1_4084035_x3.uUcgaucggagacgucgugggaacacg..... 1
Gi1_4070685_x3...uGggagacgucgugggaacacggggugc..... 1
Gi3_27936596_x3.....gugUgaacacggggugcc..... 1
Gi3_27913406_x3.....cgucgugggaUcacggggugccgaacu..... 1
Gi2_10814509_x3.....ucgugggaAacggggugccgaac..... 1
Gi3_27920768_x3.....gucgCgggaacacggggugc..... 1
Gi1_4053885_x3...cgucgugggaacacggAgugccgaacu..... 1
Gi5_8667236_x3.....cgCgggaacacggggugccga..... 1
Gi2_10732975_x3...aucggagUcgcgugggaacac..... 1
G1a_5856088_x3...cUaucggagacgucguggga..... 1
Gi3_27897830_x3...gaucggagacgucgugggGacacgggg..... 1
Gi5_8653586_x3.....gggGacacggggugccgaa..... 1
Gi1_4050819_x3...ucggCgacgucgugggaacacg..... 1
Gi5_8686013_x3...aGcggagacgucgugggaacac..... 1
Gi3_27960779_x3...ggUgacgucgugggaacacggggugccg..... 1
Gi4_549642_x3...Ugugggaacacggggugccgaacu..... 1
Gi1_4072497_x3...acgucgugNgaacacggggugcc..... 1
Gi3_27948131_x3...uGgugggaacacggggugcc..... 1
Gi3_27806531_x3...guNgggaacacggggugcc..... 1
Gi3_27944438_x3...Ccgagacgucgugggaacacgggggu..... 1
Gi2_10825702_x3...gggaacacggggGgccga..... 1
Gi5_8651198_x3...ucgugggaacacgCggugccgaacu..... 1
Gi3_27851615_x3...cgucCugggaacacggggugccgaacu..... 1
Gi1_4054542_x3...gugggaacacggggugccA..... 1
Gi5_8709728_x3...cgucUugggaacacggggugccga..... 1
Gi3_27878333_x3...gugggaacUcggggugccg..... 1
Gi2_10744261_x3...gaucggagacgucgugggaGcacg..... 1
Gi3_27844754_x3...agUcgcgucgugggaacacggggugccga..... 1
Gi3_27829442_x3...acgucgugggaacUcggggugccgaacu..... 1
Gi5_8707976_x3...ugggaacacggggugccCaacu..... 1
Gi2_10764298_x3...cgugggaacacCggggugccgaacu..... 1
Gi5_8712389_x3...gacgucgugggaacacggggugccgCacu..... 1
Gi5_8674844_x3...gaacacggUgugccgaacu..... 1

Gi1_4085061_x3.....uggaacacgggguCccgaacu..... 1
Gi1_4078071_x3.....uggaacacgggugccU..... 1
Gi3_27929750_x3.....ucggGgacgucgugggaacacg..... 1
Gi3_27931577_x3.....ggaacacgggUugccgaacu..... 1
Gi3_27809510_x3.....gaucggagacgucgugggaacCcggggugc..... 1
Gi2_10810810_x3.....gucgugggaacacggggG..... 1
Gi2_10773808_x3.....cgucgugggCacacggggugc..... 1
Gi5_8686139_x3.....gugggaacacgAggugccg..... 1
G1a_5826538_x3.....cgugggaacacggAgugcc..... 1
Gi5_8702360_x3.....aucggagacAucgugggaacacgg..... 1
Gi3_27801008_x3.....cgUagacgucgugggaacacgggggU..... 1
Gi5_8657477_x3.....aucggagacgucgugggaacCcgggg..... 1
Gi3_27977231_x3.....gugggaGacggggugcc..... 1
Gi2_10780558_x3.....aucggagacgucgugggaacacggggUac..... 1
Gi2_10769197_x3.....acgucgugggCacacggggugcc..... 1
Gi2_10759972_x3.....Aagacgucgugggaacacggggugcc..... 1
Gi2_10740886_x3.....aucggagacgucgugggaacaUgg..... 1
Gi1_4084089_x3.....gagacgucgugggGacacggggugccgaacu..... 1
Gi3_27824276_x3.....cgucgugggaacacggggugUcgaac..... 1
Gi3_27970055_x3.....uggaacacgggUugccgaac..... 1
Gi2_10749154_x3.....gggaacacggggugUcgaac..... 1
Gi3_27826100_x3.....ucggagacguUgugggaacacggggugcc..... 1
Gi1_4077108_x3.....ucgugggaacacggggugccAaac..... 1
Gi2_10759048_x3.....ggagacgucgAgggaacacggggugcc..... 1
Gi3_27922535_x3.....cgucgugggaacaAggggugccgaacu..... 1
Gi1_4051761_x3.....gaUgucgugggaacacggggugccgaacu..... 1
Gi5_8674556_x3.....ugggCacacggggugccgaac..... 1
Gi2_10746589_x3.....aucggagGcgucgugggaac..... 1
Gi5_8688389_x3.....gCgggaacacggggugccg..... 1
Gi3_27973571_x3.....Cacgucgugggaacacggg..... 1
Gi2_10759894_x3.....gagacgucgugggaGcacggggugc..... 1
Gi2_10760674_x3.....gaanacggggugccgaacu..... 1
Gi2_10803742_x3.....gacgucgugggGacacggggugcc..... 1
Gi2_10729927_x3.....gggaacacggggugccgGa..... 1
Gi2_10813606_x3.....Gcgugggaacacggggugc..... 1
Gi3_27896687_x3.....cgucUugggaacacggggugccgaac..... 1
Gi3_27828461_x3.....Gggagacgucgugggaacacggggugccga..... 1
Gi3_27826904_x3.....gucgugggaacacggggGgccga..... 1
Gi1_4066821_x3.....uggaacacggggugccgU..... 1
Gi3_27903698_x3.....agacgucgugggaacacggggugccgaCcu..... 1
Gi5_8694893_x3.....gugggaacacggggugccUaac..... 1
Gi3_27880706_x3.....Ucgucgugggaacacggggugcc..... 1
G1a_5834704_x3.....gaacacggggugccgGacu..... 1
Gi2_10784044_x3.....ucguggCaacacggggugccgaac..... 1
Gi3_27922091_x3.....gugggaacacgggAugccg..... 1
Gi3_27845351_x3.....gucgugggGacacggggugc..... 1
Gi5_8693252_x3.....guUgugggaacacggggugc..... 1

Gi2_10812325_x3.....gacgucguNggaacacggggugc..... 1
Gi5_8688935_x3.....gggaacacggggugccgaUcu..... 1
Gi3_27979796_x3.....cgucgugggaacacggggugccgaUcu..... 1
Gi5_8714897_x3.....gacgucgugggGacacggggugccg..... 1
Gi5_8717567_x3.....uggaacacggggugccgCacuuu..... 1
Gi2_10828168_x3.....aucggagGcgucgugggaacacgggg..... 1
Gi5_8708045_x3.....cCugggaacacggggugccga..... 1
Gi3_27903215_x3.....Aucgugggaacacggggugc..... 1
G1a_5859121_x3.....gucgugggaGcacggggugccgaacu..... 1
Gi2_10824904_x3.....ucgugggaacacggggugccA..... 1
Gi3_27906536_x3.....cgugggaacacCgggugccgaac..... 1
Gi1_4055004_x3.....ucgugggGacacggggugccg..... 1
Gi5_8704820_x3.....gCgggaacacggggugcc..... 1
Gi2_10827322_x3.....gugNgaacacggggugcc..... 1
Gi2_10740448_x3...cgaucggagacgucgugggGacacggg..... 1
Gi3_27891338_x3.....gggaacacggggugUcgaa..... 1
Gi5_8686553_x3.....gugggaGcacggggugccga..... 1
Gi3_27911228_x3.....ggaUcacggggugccgaa..... 1
Gi2_10743457_x3.....cgagacgucgugggaacacggggCgc..... 1
Gi3_27807944_x3.....cgucgugggaacacgggAugccga..... 1
G1a_5835253_x3...gGucggagacgucgugggaacacgggg..... 1
Gi2_10739515_x3.....ggaaAacggggugccgaac..... 1
Gi3_27949664_x3.....ucggagacgCcgugggaacacg..... 1
Gi2_10823215_x3...gaucggagacgucgugggaacCcgggg..... 1
Gi2_10825870_x3.....cguNgugggaacacggggugccgaacu..... 1
Gi2_10782622_x3.....ggagacgucgugggCacacggggugcc..... 1
Gi2_10815637_x3.....gacgucgugggaacacgAgggugcc..... 1
Gi2_10734031_x3...gUucggagacgucguggga..... 1
Gi4_545274_x3.....gugggaacacggggugccgGacu..... 1
Gi3_27964163_x3.....ggaacacgAggugccgaa..... 1
Gi5_8668616_x3.....gugggaaAacggggugccgaa..... 1
G1l_4084743_x3.....acgucgugggaacaUggggugccgaacu..... 1
Gi3_27928607_x3.....cgNgggaacacggggugcc..... 1
Gi2_10825678_x3.....gacgucguNggaacacggggugccgaacu..... 1
Gi2_10786954_x3.....Gggagacgucgugggaacac..... 1
Gi3_27798299_x3.....ucgugggaacacggggugccgGac..... 1
G1l_4050033_x3.....agUcgcgucgugggaacacggggugccg..... 1
Gi2_10933189_x2...gaucgAagacgucgugggaacacggggugc..... 1
Gi2_10922011_x2...cgaucggagacgCcgugggaacacg..... 1
Gi2_10936783_x2...aucggagacgucgugggaacacUgggu..... 1
Gi3_28132520_x2...agacgucgugggaacaGggggugccgaacu..... 1
G1a_5943708_x2.....gaacacggggugccgaacA..... 1
Gi2_10982365_x2.....cgugggaacacggggAgcc..... 1
G1l_4105781_x2.....uUgugggaacacggggugcc..... 1
Gi2_10866735_x2...ucggGgacgucgugggaaca..... 1
Gi3_28114000_x2...cgucgugggaacacggggugcG..... 1
G1l_4134525_x2.....aacacgggCugccgaacu..... 1

Gi1_4122509_x2.....aGcggagacgucgugggaacacggggugcc.....	1
Gi2_10969897_x2.....agacgucgugggaacacggggugGc.....	1
Gi3_28057370_x2.....cggagacgucgugggaacacggAgu.....	1
Gi3_28047014_x2.....gaucggagacgucguAggaacacgg.....	1
Gi3_27989736_x2.....gagacgCcgugggaacac.....	1
Gi2_10921209_x2.....gaacacggggugccgaacuu.....	0
Gi2_10886105_x2.....agacguUgugggaacacggggugcc.....	1
Gi1_4090983_x2.....gugggaacacggAgugcc.....	1
G1a_5936326_x2..gcgauccggagacguUgug.....	1
Gi1_4153287_x2.....gaacacggggugccgaacuC.....	1
Gi5_8756681_x2....Uucggagacgucgugggaacacgg.....	1
Gi3_28184422_x2....aucggagacgAcgugggaacac.....	1
Gi2_10843207_x2....gauUggagacgucgugggaac.....	1
Gi1_4151703_x2....uggNaacacggggugccgaacu.....	1
Gi2_10863211_x2....gagacgucguAggaacacggggug.....	1
Gi3_28006032_x2....gucgugggaacacgUggugccgaacu.....	1
Gi1_4103949_x2....ucgugggaacacggggugccgaUc.....	1
Gi2_10872739_x2....ggagacgucgugggaacacggAgugc.....	1
Gi3_28105682_x2....cgucgugggaacacUggugccgaacu.....	1
Gi1_4153039_x2....cgucguggAaacacggggugccgaacu.....	1
Gi3_28035250_x2....acacUggugccgaacuu.....	1
Gi3_28182226_x2....ggaacacggggugccgaGu.....	1
Gi3_28117158_x2....cgAagacgucgugggaacacggggugcc.....	1
Gi3_28202992_x2....aacacggggugccgaGcuu.....	1
G1a_5900360_x2....gCgggaacacggggugccga.....	1
Gi3_28107654_x2....Ccgagacgucgugggaacacg.....	1
G1a_5968188_x2..Agcgauccggagacgucgu.....	1
Gi2_10868255_x2....gacgucgugggaacacggggugccgaacG.....	1
Gi3_28171436_x2....cCgagacgucgugggaacacggg.....	1
Gi2_10952963_x2....acgucgugggaacacggUgugcc.....	1
Gi1_4119073_x2....agacgucgugggaacacggggugccgaGcu.....	1
G1a_5941512_x2....auUggagacgucgugggaacacggggugcc.....	1
Gi1_4154609_x2....gggaacacggggugccgaacG.....	1
G1a_5883254_x2....aucggagaNgucgugggaacacgg.....	1
Gi2_10926355_x2....gaucggagacgucgugggaacCcggg.....	1
Gi5_8789241_x2....aucCgagacgucgugggaacacgg.....	1
Gi2_10871159_x2....gacgucgugggaacacggggugccGac.....	1
Gi1_4133243_x2....ucUgagacgucgugggaacacggggugcc.....	1
Gi3_28180702_x2....gaucggagacgCcgugggaacac.....	1
Gi2_10883139_x2....ggagacgucgCgggaacacggggugcc.....	1
Gi5_8789829_x2....aucggagacgucguggGacacgggg.....	1
G1a_5937678_x2....ugggaacacggggCugccgaacu.....	1
Gi5_8750819_x2....gggaacacggggugccgaacG.....	1
Gi5_8738373_x2....gugggaacacggggugcA.....	1
Gi2_10939031_x2....gaucggagacgCcguggga.....	1
Gi3_28104288_x2....ggagacgucAugggaacacggggugccgaacu.....	1
Gi2_10899171_x2....ggagacgucgugggaacaUggggugc.....	1

Gi5_8777025_x2.....cgucgugggaacacgUggugccgaacu..... 1
Gi2_10937229_x2.....gagacgCcgugggaacacggggug..... 1
Gi5_8778053_x2.....cgucgugggaacaAggggugccgaacu..... 1
Gi1_4133145_x2.....gagacgucNugggaacacggggugccgaacu..... 1
Gi3_28258364_x2.ugUgaucggagacgucgugggaaca..... 1
Gi2_10908915_x2.....ugggaacacgggUugccga..... 1
Gi2_10837071_x2.....gCgacgucgugggaacacggggugcc..... 1
Gi1_4119441_x2.....ggagacgCcgugggaacacggggugccg..... 1
Gi3_27994568_x2...gaucggagacgucgugggaacacAggggu..... 1
Gi4_554284_x2.....gucgugggaGcacggggugccgaacu..... 1
Gi1_4157229_x2.....gucgugggaacacggggugcU..... 1
Gi1_4134773_x2.....cggagacgucgugggaaAacggggugc..... 1
Gi3_28038066_x2.....cggagacgucgugAgaacacg..... 1
Gi2_10850035_x2.....ucggagacgucgugggaacacggggAgcc..... 1
Gi5_8746837_x2.....Ggucgugggaacacggggugccga..... 1
Gi3_28092046_x2.....cgucgugggaacacggAgugccga..... 1
Gi2_10940973_x2...aucggagacgucgugggaacaUggggugc..... 1
Gi2_10851075_x2.....acgucguggUaacacggggugcc..... 1
G1a_5884034_x2.....ugggaacacggggugccgaaAu..... 1
Gi1_4139775_x2.....ucggagacgucgugggCacacg..... 1
Gi2_10897685_x2.....gacgucgugggaacacggggugccgUacu..... 1
Gi1_4106881_x2...aucgUagacgucgugggaacacgggggu..... 1
Gi3_28172888_x2.....gucgugggCacacggggugcc..... 1
Gi5_8807595_x2.....cgugggaacacggggugccgGac..... 1
Gi3_28190028_x2.....ugggaacacggggugccUa..... 1
Gi3_28113004_x2...aucggagacgucCugggaacacgggggu..... 1
Gi5_8768107_x2.....cgugggaacCcggggugccga..... 1
Gi1_4136507_x2...gUucggagacgucgugggaacac..... 1
Gi1_4092387_x2.....gugggaacNcggggugcc..... 1
G1a_5954082_x2.....gaacacggggugccgCacu..... 1
Gi3_28203366_x2.....gacgucgugggaacacggggguAccgaac..... 1
G1a_5927182_x2.....gugggGacacggggugcc..... 1
Gi3_28239358_x2.....cgucUugggaacacggggugccgaa..... 1
Gi2_10880767_x2.....gCagacgucgugggaacacggggugccg..... 1
Gi2_10898275_x2.....Ugacgucgugggaacacggggugccgaacu..... 1
Gi3_28131542_x2.....gucgugggaacaGggggugccgaac..... 1
Gi2_10847689_x2.....gugggaacacggggugcGg..... 1
Gi3_28050812_x2.....uggCaacacggggugccgaac..... 1
G1a_5950074_x2.....gacgucgugggaGcacgggggu..... 1
Gi3_28011132_x2...gaucggagacAucgugggaac..... 1
Gi2_10927537_x2.....cguggUaacacggggugcc..... 1
Gi1_4099335_x2.....uGgugggaacacggggugccga..... 1
Gi3_28129382_x2.....cgugggaacacggggugcAga..... 1
Gi2_10967043_x2.....gagacgucgugggaacacggggCg..... 1
Gi3_28129056_x2.....agacgucgNgggaacacggg..... 1
Gi3_28128000_x2...aucggagCcgucgugggaacacggggugc..... 1
Gi3_28169248_x2.....gggaacacgggAugccga..... 1

Gi2_10951671_x2.....agacgAcgugggaacacggggugcc..... 1
 Gi3_28020518_x2.....aucggUgacgucguggga..... 1
 Gi2_10909273_x2.....gacgucgCgggaacacggggugcc..... 1
 Gi3_28100228_x2.....gucgugggaacacggggugGcgaacu..... 1
 Gi2_10931727_x2.....cgagacgucgugggGacacggggugc..... 1
 Gi1_4137399_x2.....guggaacacggggugccgaacuC..... 1
 Gi3_27984628_x2.....acgucgugggaacacggggGcggcga..... 1
 Gi3_28131340_x2.....gacgucgugggaacGcggggugc..... 1
 Gi5_8775393_x2.....gugggaGcacggggugccgaacu..... 1
 Gi2_10843535_x2.....Agugggaacacggggugccg..... 1
 Gi5_8808409_x2.....gugggGacacggggugccga..... 1
 Gi3_28126828_x2.....acgucgugggGacacggggugccg..... 1
 Gi1_4154463_x2.....uggaacacgggUugccgaac..... 1
 Gi1_4126187_x2.....aucggagacgucgCgggaacacgggg..... 1
 Gi3_28110694_x2.....cgucUugggaacacgggg..... 1
 Gi1_4117121_x2.....gaucggagacgucgugggaacaAggg..... 1
 Gi2_10900793_x2.....Gcugcuggggaacacggg..... 1
 Gi3_28214650_x2.....cgucgugggaacacgggAugccgaac..... 1
 Gi5_8721341_x2.....gucgugggaacacggggAccga..... 1
 Gi3_28134304_x2..gcgaucggagacgucgugggaacacAg..... 1
 Gi2_10990731_x2.....ggagacgucgugggaacacgggAugcc..... 1
 Gi3_28090342_x2.....gacgucgugggaacacgggAu..... 1
 Gi4_562596_x2.....gaUcacggggugccgaacu..... 1
 Gi2_10837357_x2.....ugggaaAacggggugccgaacu..... 1
 Gi2_10832141_x2.....cgucgugggaacacggggugAcg..... 1
 Gl1_5879480_x2.....ggaacacggggAccgaacu..... 1
 Gi5_8747205_x2.....gacgucgugggaacCggggugccgaacu..... 1
 Gi1_4090801_x2.....ucgugggaacacggggAgccgaac..... 1
 Gi5_8820925_x2.....ucggagacgucgugggCacacg..... 1
 Gi5_8768111_x2.....gucgugggaacacggggugccgaUc..... 1
 Gi1_4152341_x2.....cgugUgaacacggggugccgaac..... 1
 Gi2_10957177_x2.....aucggagacgucgGgggaacacgggg..... 1
 Gi5_8721415_x2.....gUgacgucgugggaacacg..... 1
 Gi5_8792053_x2.....gugggaacacggggugcGgaac..... 1
 Gi2_10885247_x2.....aucggagacgucgugggaacacCgggu..... 1
 Gi2_10908475_x2.....gaucggagacgucgugggaaAacgggg..... 1
 Gi3_28073328_x2.....gugggaUcacggggugcc..... 1
 Gi2_10910645_x2.....acgNcgugggaacacggggugc..... 1
 Gl1_5907232_x2.....acgucgugggGacacgggg..... 1
 Gi2_10949863_x2.....gaucggCgacgucgugggaacacggggugcc..... 1
 Gi5_8719549_x2.....acgucgugggaacacggggCgcccga..... 1
 Gi3_28031916_x2.....cgugggaaAacggggugc..... 1
 Gi2_10837539_x2.....gggaacacggggugccUaac..... 1
 Gi3_28166178_x2.....agacguAgugggaacacggggugccgaacu..... 1
 Gi5_8766521_x2.....aucggaAacgucgugggaacacg..... 1
 Gi2_10934069_x2.....gUcugcuggggaacacggggugccg..... 1
 Gi2_10931093_x2.....agacgucgugggaacaGggggugcc..... 1

Gi2_10902343_x2.....gugggaacacgggUugccg..... 1
Gi2_10861573_x2.....gacgAcgugggaacacggggu..... 1
Gi2_10841217_x2....gaucggUgacgucgugggaacacggg..... 1
G1a_5894830_x2.Ggcgaucggagacgucgug..... 1
Gi3_28125734_x2.....cgGcgugggaacacggggugc..... 1
Gi1_4112383_x2.....gugggaacGcggggugccgaacu..... 1
Gi1_4142589_x2.....ggaacacggggugAcgaacu..... 1
Gi3_27995714_x2cugcUaucggagacgucg..... 1
Gi3_28175532_x2.....acgucgugggaacCcggggugcc..... 1
Gi2_10989117_x2.....ggaacacggggugGcgaacu..... 1
Gi2_10884511_x2.....gugggaacacggggugccgU..... 1
Gi2_10990197_x2....auAggagacgucgugggaacacggggugc..... 1
Gi3_28151474_x2....gaucggagNcgucgugggaacacggggugc..... 1
Gi3_28226120_x2.....gaUacgucgugggaacacggggu..... 1
Gi3_28222432_x2.....acgucgugggaacacggggugcU..... 1
Gi5_8786199_x2....gaucggagNcgucgugggaacac..... 1
Gi2_10869179_x2.....cgucguAggaacacggggugccg..... 1
Gi3_28130842_x2..Ccgaucggagacgucgugggaacacggggugcc..... 1
Gi2_10878093_x2.....cgucgugggaacacggggugccgaacG..... 1
Gi2_10910833_x2.....agacgucguAggaacacggggugccgaacu..... 1
Gi3_28101492_x2.....cgugggaacacggggugU..... 1
Gi1_4146809_x2.....Gggagacgucgugggaacacggg..... 1
Gi1_4113363_x2.....gaacacggCgugccgaacu..... 1
Gi5_8738047_x2.....gagacgucgugggaacacggggugccgaCcu..... 1
Gi3_28051608_x2...Ugaucggagacgucgugg..... 1
Gi2_10950335_x2.....acgucgCgggaacacggggugccgaac..... 1
Gi5_8740827_x2.....cgugggaacacUgggugccgaac..... 1
Gi3_28228276_x2.....cgucgCgggaacacgggg..... 1
Gi3_28096100_x2.....cgucgugggaaUacggggugccg..... 1
Gi2_10829627_x2.....cgugggaacacggggugAcgaa..... 1
Gi2_10937811_x2....ucggagacgucgugggaacacAgggugc..... 1
G1a_5912080_x2.....aacacggAgugccgaacu..... 1
Gi1_4125797_x2.....ggagacgucgugUgaacacggggugcc..... 1
Gi1_4125135_x2.....gagacgucguAggaacacggggugccgaacu..... 1
Gi1_4118231_x2....Gucggagacgucgugggaacacggg..... 1
Gi3_27987112_x2.....cggagacgucAugggaacacggggugcc..... 1
Gi2_10884813_x2....ucggagacgucgCgggaacacggggugc..... 1
G1a_5962976_x2.....gugggaacacAgggugccga..... 1
Gi1_4121829_x2.ugcgaucgNagacgucguggga..... 1
Gi2_10983889_x2.....gucgugggaacacgggAugccgaac..... 1
Gi3_28187768_x2....aucggagacgucgugggaacacgggAugcc..... 1
Gi1_4100401_x2.....ugggaacacggggugccgCacuu..... 1
Gi2_10904361_x2.....gagacgucgugggaGcacggggug..... 1
Gi2_10834413_x2.....cggagacgucguUggaacacggggugcc..... 1
Gi5_8738491_x2.....acgucgugggaacacggggCgccgaac..... 1
Gi3_28160854_x2....cggGgacgucgugggaacacgggg..... 1
Gi2_10947657_x2.....Gcgucgugggaacacggggu..... 1

Gi3_28125632_x2	...gaucggagacgucgugUgaacacgggg	1
G1a_5980446_x2	...auUggagacgucguggaacaacgggg	1
Gi2_10880379_x2	...gacgucgAgggaacacggggugccgaacu	1
G1a_5962694_x2	...ggagacgucguggaGca	1
Gi3_28128494_x2	...guGguggaacaacggggugccgaacu	1
Gi2_10833275_x2	...cguAggaacaacggggugccga	1
Gi2_10957593_x2	...gagacgucguggaacaacAgggugc	1
Gi1_4134449_x2	...gucguggaacaacggggAcc	1
Gi2_10829423_x2	...aucggagacgAcguggaacaacgggg	1
Gi3_28080450_x2	cugcgauccggagacgucguggaacaacggggugc	0
Gi2_10899655_x2	...cggagacgucguggaacaacAgggugcc	1
Gi1_4155857_x2	...cguggaGcacggggugccgaac	1
Gi1_4144837_x2	...cguggaacaacggggugGcgaacu	1
Gi2_10847647_x2	...gucguggaacaacggggugccgaaUu	1
Gi2_10906691_x2	...Cgacgucguggaacaacggggugcc	1
Gi5_8760997_x2	...gagacgucguggaacaacCggggugccgaacu	1
Gi3_28163290_x2	...Cacgucguggaacaacgggg	1
G1a_5918408_x2	...guggaacaacCggggugccgaacu	1
Gi2_10898677_x2	...aucgUagacgucguggaacaacgg	1
Gi2_10988447_x2	...acAucguggaacaacggggugccgaac	1
Gi2_10907677_x2	...cggagacgucguggaGcac	1
Gi3_28221306_x2	...ucguggaacaacggggUccgaacu	1
Gi3_28065114_x2	...Ugaucggagacgucguggaacaacg	1
Gi3_28260088_x2	...cggagacAucguggaacaacggggugcc	1
Gi5_8785047_x2	...acgucguggaacaacggggugccgCac	1
Gi3_28173416_x2	...agacgucguggaacaacggggugUc	1
Gi1_4152171_x2	...cgugCgaacaacggggugccgaacu	1
Gi3_28165772_x2	...gacgucguggaacaacggggugAcgaa	1
Gi1_4104505_x2	...uggaacaacggggugAcg	1
Gi2_10898559_x2	...cggagacgucguggaUcacggggugcc	1
Gi5_8775467_x2	...gggaacaGggggugccgaacu	1
Gi1_4121961_x2	...aucggagacgucgugga	0
Gi3_28200802_x2	...aucggagacgucguggaacaAagg	1
Gi3_28058248_x2	...cggagacgucguggaUacggggugcc	1
Gi2_10934365_x2	...cguNguggaacaacggggugccg	1
Gi1_4123177_x2	...cgAcguggaacaacggggugcc	1
G1a_5958734_x2	...gUagacgucguggaacaac	1
Gi5_8736219_x2	...cguggaacaacggggugGcgaac	1
Gi1_4141425_x2	...gucgCgggaacaacggggugccgaac	1
Gi1_4151693_x2	...cguggaacaacggggugccgaUcu	1
Gi4_561212_x2	...acgucguggaacaacggggCgccaacu	1
Gi1_4095145_x2	...cggGgacgucguggaacaacggggugcc	1
Gi2_10950975_x2	...cgAcguggaacaacggggug	1
Gi1_4095657_x2	...cgucguggaacaacggggugccgaCcu	1
Gi5_8828577_x2	...Aguggaacaacggggugcc	1
Gi3_28118436_x2	...ucguggaacaacggggCgcc	1
Gi3_28146456_x2	...gaucggCgacgucguggaacaacgggg	1

Gi3_28161996_x2.....cggagacgucgugggaacCc..... 1
Gi3_28257988_x2.....gggaacacgAggugccga..... 1
Gi2_10869163_x2.....aucggagacgucgugggaUcacg..... 1
Gi5_8755267_x2.....gugggaacacggggugccAaacuu..... 1
Gi1_4132763_x2.....gaucggagacgucgugggaacacgU..... 1
Gi2_10914297_x2.....gucgugggaacacggUgugccgaacu..... 1
Gi2_10878071_x2.....acgucguggAaacacggggugcc..... 1
Gi1_4112913_x2.....ggagacgucgugggaacacggggAgccg..... 1
Gi1_4154219_x2.....cAugggaacacggggugccgaa..... 1
Gi3_28059750_x2.....gaucggagacgucgCgggaacacgg..... 1
Gi3_28198436_x2.....ucggagacgucgugggaacGcggggugcc..... 1
Gi3_28144652_x2.....gggaacacUgggugccgaac..... 1
G1a_5972560_x2.....Gucggagacgucgugggaacacgggg..... 1
Gi5_8736353_x2.....ugggaacacggggugccgGa..... 1
Gi3_28157016_x2.....gagacgucguAggaacacggggg..... 1
Gi3_28030806_x2.....ucgugggaacacgggAugc..... 1
Gi3_27998202_x2.....gucgugggaAacGacggggugccgaacu..... 1
Gi2_10829903_x2.....gagacgucgugggaacGcggggugccgaacu..... 1
Gi2_10937129_x2.....ucgugggaacUcggggugccgaac..... 1
Gi3_28086146_x2.....cggagacgucAugggaacacggggugccga..... 1
Gi1_4130549_x2.....ucgugggaacCcggggugccg..... 1
Gi1_4114499_x2.....gUagacgucgugggaacacggggugccgaa..... 1
Gi3_28109940_x2.....ucggagacgAcgugggaacacggggg..... 1
G1a_5954170_x2.ugUgaucggagacgucgu..... 1
Gi3_28139014_x2.....ucgugggaacacggggugccgaUcu..... 1
G1a_5889180_x2.....gacgucgugggaacacAgggg..... 1
Gi1_4107455_x2.....ggaacUcggggugccgaacu..... 1
Gi3_28113938_x2.....gacgucgugggaacacggggA..... 1
Gi2_10833047_x2.....cgucgugggaacacggAgugc..... 1
Gi5_8808343_x2.....gacgucgugggaacacAgggugccgaacu..... 1
Gi3_28047234_x2.....ucggagacgucgCgggaacacggggugc..... 1
Gi2_10881207_x2.....gugggaacacggggUcc..... 1
Gi3_28031700_x2cCgcgaucggagacgucg..... 1
Gi3_28221492_x2.....gaucggagacgucgugggaacacgggA..... 1
Gi1_4113187_x2.....cgucgugggGacacggggugccgaac..... 1
Gi1_4151335_x2.....cUucgugggaacacggggugccga..... 1
G1a_5892250_x2.....ggaacacggggugccgaaAu..... 1
Gi5_8773727_x2.....ggaacacggggugccgGac..... 1
Gi3_28039124_x2.....ugggaacacggUgugccgaa..... 1
Gi2_10986267_x2.....ugggaacacgAggugccgaac..... 1
Gi1_4132403_x2.....ucgugggaacacggggGgc..... 1
Gi3_28167100_x2.....gugggaacacgggUugccga..... 1
Gi2_10857089_x2.....aucggagacgucgugggUcacg..... 1
Gi3_28259516_x2.....aucggUgacgucgugggaacacggggugcc..... 1
Gi3_28248996_x2.....gggaacacggggugccgC..... 1
Gi3_28222626_x2.....cggagacgucgugggaacGc..... 1
Gi3_28073838_x2.....cggGgacgucgugggaacacggggugccga..... 1

Gi5_8803293_x2.....aCcgagacgucguggaaca..... 1
Gi3_28199612_x2.....ucguggaacaacggUgugccgaac..... 1
Gi3_28067618_x2.....ucggagacgucguggaacaacggggG..... 1
Gi3_28233816_x2.....ggGgacgucguggaaca..... 1
Gi1_4134573_x2....Aaucggagacgucguggg..... 1
Gi1_4140421_x2.....ggaacacggggugccCaacu..... 1
Gi5_8729121_x2....gaucggagacgucguggaacaAgg..... 1
G1a_5972652_x2....cgaucggagacgucguggaacaacggggGgc..... 1
Gi3_28240156_x2.....guggCaacacggggugccga..... 1
Gi2_10941885_x2.....agacgucguggaacaacAggugc..... 1
Gi2_10888751_x2.....cguggaacUcggggugccga..... 1
Gi5_8769055_x2.....agacgucguggaacaacggggGcggcaac..... 1
Gi5_8741455_x2.....gucguggaacaacggggugccgaUcu..... 1
Gi1_4147797_x2.....gacgucGgggaacaacggggg..... 1
Gi3_28113064_x2.....cgugggCacacggggugccga..... 1
Gi4_566500_x2.....uggaacaacggggugccgaacuA..... 1
Gi5_8799865_x2.....gucgGgggaacaacggggugccgaac..... 1
Gi3_28053948_x2.....Gggagacgucguggaacaacggggugccga..... 1
Gi3_28219626_x2.....gggaacaacggggugccCaacu..... 1
Gi3_28094334_x2.....cggagacgNcgugggaacaacggggug..... 1
Gi1_4107995_x2.....ucgugUgaacaacggggugccgaacu..... 1
Gi3_28213308_x2....aucggagacgGcuggggaacaacggggg..... 1
Gi3_28078524_x2.....ucguggaacaacggUgugccgaacu..... 1
G1a_5889360_x2.....guggUaacacggggugccgaac..... 1
Gi5_8761063_x2.....cguggaacaacggggugccgG..... 1
Gi2_10977443_x2.....ucggagacgucgCgggaaca..... 1
Gi5_8742747_x2....aucggagacgucguggaacaacAgggg..... 1
Gi3_28151726_x2.....uGggagacgucguggaacaac..... 1
Gi1_4090135_x2.....gagacgucguggaacGcggggugccgaacu..... 1
Gi1_4113335_x2.....uggaacaacggggugcAgaac..... 1
Gi5_8789051_x2.....gacgucguggaCcacggggugccgaacu..... 1
Gi2_10860131_x2.....gucguggAaacacggggugcc..... 1
Gi3_28214950_x2.....cggagGcugcuggggaacaacggggugccga..... 1
Gi3_28082510_x2.....gagacgucguggaacaacCggggg..... 1
Gi3_28118984_x2.....ucUgagacgucguggaacaacggggugccg..... 1
Gi3_28041212_x2.....uUggaacaacggggugccgaacu..... 1
Gi5_8805737_x2.....acgucguggaacaacggggGgcc..... 1
G1a_5944912_x2.....cguggaacaacggUgugccgaacu..... 1
Gi3_28017870_x2.....guUgugggaacaacggggugccga..... 1
G1a_5879178_x2.ugcgaucggagacgCcg..... 1
Gi2_10932549_x2.....cgugggaaUacggggugc..... 1
Gi5_8801159_x2.....ggaacaacggggugccgaaGu..... 1
Gi3_28115648_x2.....gagacgucguggaacaacggggugcUgaac..... 1
Gi2_10980797_x2.....ucggagacgucguggaacGcggggugcc..... 1
Gi2_10891069_x2.....ggagacgucguggaacaacAggug..... 1
Gi5_8817007_x2.....Ggucguggaacaacggggugc..... 1
Gi2_10972959_x2.....agacgucguggaacaacggggugccgaGc..... 1

Gi1_4090741_x2.....ucggagacgucgugggCacacggggugc.....	1
Gi2_10958287_x2.....Uggagacgucgugggaacacggggugc.....	1
Gi1_4125215_x2....gUucggagacgucguggg.....	1
Gi2_10915091_x2....aucggagacgCcgugggaa.....	1
Gi1_4131403_x2.....gugggaacacggggugccgaUcu.....	1
Gi3_28066140_x2.....Aggaacacggggugccgaacuu.....	1
G1a_5951788_x2.....guAggaacacggggugccg.....	1
G1a_5900890_x2.....Ugucgugggaacacggggugccgaacu.....	1
Gi5_8747457_x2.....cgCcgugggaacacggggugccga.....	1
Gi4_558354_x2.....ggagacgucgugggaacacggggugcc.....	0
Gi3_28230570_x2.....cgucguggUaacacggggugc.....	1
Gi1_4156415_x2....aucggagacgucgugggaacacAg.....	1
Gi3_28250992_x2.....agaUgucgugggaacacgggg.....	1
Gi5_8749593_x2.....cgugggaCcacggggugccgaac.....	1
Gi3_28002326_x2.....acgAcgugggaacacggggugccgaac.....	1
Gi3_28076198_x2.....cggagacgucgugggaacacggggCgccga.....	1
Gi1_4143731_x2.....Cggaacacggggugccgaacuu.....	1
Gi2_10874755_x2.....cgucguUggaacacggggugccgaac.....	1
Gi2_10845111_x2....gaucUgagacgucgugggaacacgg.....	1
Gi3_28228746_x2.....ggaacacggggugcAgaa.....	1
Gi4_562448_x2.....gAgaacacggggugccgaacu.....	1
Gi1_4132743_x2....gaucggagacgucgugggaaca.....	0
Gi5_8771475_x2.....gugggaacacggggugccgaacuC.....	1
Gi3_28147862_x2.....cgucgugggaacacgggguCccgaac.....	1
Gi2_10906193_x2.....gacgucgCgggaacacggggugccgaac.....	1
Gi2_10917939_x2....gaucggagaAgucgugggaacacgggg.....	1
Gi5_8783919_x2.....gaacacggggugcGgaacu.....	1
Gi3_28088406_x2....aucggagGcucgugggaacacggggugc.....	1
Gi2_10898649_x2.....cgugggaacacggggugccCaacu.....	1
Gi3_28217206_x2.....ggagacgucgugggaaAacggggugccg.....	1
Gi5_8772133_x2.....acgucgugggUaacacggggugccgaacu.....	1
Gi2_10911019_x2.....cgucUugggaacacgggg.....	1
Gi5_8751863_x2....aucggagaUgucgugggaacacgggg.....	1
Gi3_28196202_x2....Uucggagacgucgugggaacac.....	1
Gi5_8773587_x2.....cgGcgugggaacacggggugc.....	1
Gi2_10914149_x2.....ucgugggaacacggggugccgUac.....	1
Gi3_28051406_x2....gaucggagacgucgCgggaac.....	1
Gi1_4101819_x2.....gugggaacacUgggugccgaacu.....	1
Gi1_4145203_x2.....gaacacggAgugccgaacuu.....	1
Gi3_28244302_x2.....agacgucgugggaacacggggAgccgaacu.....	1
Gi3_28053398_x2.....ggagacgucgugggaacacggggugccAaa.....	1
Gi1_4098425_x2.....gggaaGacggggugccgaacu.....	1
Gi2_10957553_x2....gaucggagGcucgugggaacacggggugc.....	1
Gi1_4101717_x2.....ggGacacggggugccgaa.....	1
Gi5_8778607_x2.....gUagacgucgugggaacacggggugccgaac.....	1
Gi5_8736339_x2.....aacacggggugccgaGcuuu.....	1
G1a_5883074_x2.....ggaacUcggggugccgaac.....	1

Gi2_10945441_x2.....gacgucguAggaacacggggugccgaacu..... 1
Gi3_28250554_x2.ugcgauccgagacgucgugggaacacA..... 1
G1a_5938368_x2.....gugggaacacggggugccCaacu..... 1
G1a_5934368_x2....gaucUgagacgucguggga..... 1
Gi2_10986517_x2.....ggaacaGggggugccgaac..... 1
Gi4_564142_x2.....Ggucgugggaacacggggugccgaacu..... 1
Gi2_10922939_x2.....gacgucgugggaacaUggggugccgaacu..... 1
Gi1_4096131_x2.....cguUgugggaacacggggugccgaacu..... 1
Gi3_28152088_x2.....cgGcgugggaacacgggg..... 1
Gi5_8730099_x2....aCcgagacgucgugggaacacg..... 1
Gi2_10923605_x2....aucggagacgucguAggaacacggg..... 1
Gi2_10974825_x2.....aacacggggugAcgaacu..... 1
Gi2_10848447_x2....aucggagacgucgugggaAacggggugcc..... 1
Gi2_10837593_x2.....acgucgugggaacacggggAgcc..... 1
Gi2_10947099_x2.....ucgugggaacaAgggggugccgaac..... 1
Gi2_10965689_x2.....gucgugggaacacggggugccGac..... 1
Gi3_28162798_x2....gaucggagacgucgugggaacGcggggugc..... 1
Gi1_4094563_x2.....gugggaaAacggggugcc..... 1
Gi1_4101825_x2.....cgugggaacacAgggugccga..... 1
Gi3_28191284_x2.ugcgauccgagacgucgugggaacGcg..... 1
Gi2_10876245_x2.Ggcgauccgagacgucgugggaacacggggugc..... 1
Gi1_4106303_x2.....cgugggaacacUgggugccgaacu..... 1
Gi3_27995724_x2.....acgucgugggaacacggggGgc..... 1
Gi3_28230914_x2.....acgucgugggaacacggggugcGgaac..... 1
G1a_5927302_x2.ugcgauccgagGcgucgu..... 1
Gi2_10849375_x2.....gacgCcgugggaacacggggu..... 1
Gi2_10851393_x2.....cggagacgucgugggaacGc..... 1
Gi2_10856103_x2.....agacgucgugggaacacgAggugcc..... 1
G1a_5905062_x2....aucggagacgucgugggCa..... 1
Gi2_10986723_x2....aucggagUcgucgugggaacacg..... 1
Gi2_10965371_x2....cUgagacgucgugggaacacgggg..... 1
Gi2_10882991_x2....aucggagacgucgugggaacC..... 1
G1a_5911902_x2.....gaacacggggAugccgaacu..... 1
Gi4_566822_x2.....aGcacggggugccgaacu..... 1
Gi1_4113099_x2.....agacgucgugggaCcacggggugccgaacu..... 1
Gi2_10888377_x2.....aGgucgugggaacacggggugccgaac..... 1
Gi2_10899143_x2.....gggaacacNgggugccga..... 1
Gi2_10945959_x2.....cggagacgucgugggaacGcggggug..... 1
Gi5_8767603_x2.....gUgacgucgugggaacacggggugccgaacu..... 1
Gi2_10969951_x2.....ucgugggaacacggggugccgaC..... 1
Gi2_10837567_x2....aucggagacgucguAggaacacggggug..... 1
Gi2_10981627_x2.....cggagGcgucgugggaacacggggugc..... 1
G1a_5920188_x2.....gaaGacggggugccgaacu..... 1
Gi3_28231532_x2.....gucCugggaacacggggugccgaacu..... 1
Gi2_10846431_x2..gGgauccgagacgucgugggaacac..... 1
Gi2_10975253_x2.....gGcgucgugggaacacgg..... 1
Gi2_10920211_x2.....Uagacgucgugggaacacggggugccga..... 1

Gi3_28143516_x2.....gGcgugggaacacggggug..... 1
Gi5_8723193_x2.....gugggaacacggggCgccgaa..... 1
Gi5_8810919_x2.....ggaacacAgggugccgaac..... 1
Gi5_8778199_x2.....ggaUacggggugccgaac..... 1
Gi1_4099943_x2.....aacGcggggugccgaacu..... 1
Gi3_28036598_x2.....gugggaacacggggugGcg..... 1
Gi1_4149347_x2.....gugggaacacgggCugccgaacu..... 1
Gi2_10904759_x2.....Agucgugggaacacggggugccgaac..... 1
G1a_5972136_x2.....gaGcacggggugccgaacu..... 1
Gi3_28037512_x2.....gacgucgugggaacaUggggugccgaacu..... 1
Gi1_4092337_x2.....ggaacacggggugccgaaUu..... 1
Gi5_8798731_x2.....cAgagacgucgugggaacacggggugccga..... 1
Gi1_4151833_x2.....gagacgucgugggaacGcggggugccga..... 1
Gi5_8790609_x2.....aGcggagacgucgugggaacacgggg..... 1
Gi1_4137763_x2.....cgugggaGcacggggugccga..... 1
Gi3_28060668_x2.....aucggagacgucgAgggaacacgg..... 1
Gi1_4143435_x2.....acgucgugggaacacggggCgccg..... 1
Gi1_4114083_x2.....aucggagaNgucgugggaacacgggg..... 1
Gi1_4123809_x2.....cUucgugggaacacggggugccgaa..... 1
Gi5_8766979_x2.....cacggggugccAaacuuu..... 1
Gi2_10910865_x2.....gacgucguUggaacacggggugcc..... 1
Gi1_4146363_x2.....gucgugggCacacggggugccgaacu..... 1
G1a_5978494_x2.....gugggaaAacggggugcc..... 1
Gi3_28099974_x2.....gaucggagacgucguggUaacacggg..... 1
Gi3_28214748_x2.....gagacgucgugggaacacggggCgccgaac..... 1
Gi3_28182160_x2.....ugggaacacCgggugccgaacu..... 1
Gi3_28132614_x2.....acgucgugggaacacggggAgcc..... 1
G1a_5968718_x2.....ggaacacggggugccUaacu..... 1
Gi4_553932_x2.....gaacacggggugccgaacuucU..... 1
Gi1_4090285_x2.....gaacacggggugccgaacG..... 1
G1a_5928186_x2.....aacacggggGgccgaacu..... 1
Gi2_10956119_x2.....cgucgugggaacacggggugcAgaacu..... 1
Gi2_10855929_x2.....gucgGgggaacacggggugccgaac..... 1
Gi1_4108507_x2.....gggaacacggggugccgaUc..... 1
Gi1_4117087_x2.....gaGcacggggugccgaacu..... 1
Gi4_564548_x2.....aacaUggggugccgaacu..... 1
Gi3_28251202_x2.....gaucggGgacgucgugggaaca..... 1
Gi2_10837173_x2.....cgaucggagacgucgugggaacacggggCg..... 1
Gi1_4142287_x2.....gacgucgugggaacGcggggugccgaacu..... 1
Gi3_28147552_x2.....aAacgucgugggaacacggggugccga..... 1
Gi3_28097308_x2.....aucggagacgucguUggaacacggg..... 1
Gi1_4147779_x2.....acgucguAggaacacggggugcc..... 1
Gi5_8757671_x2.....ugggaacacggggCgccgaacu..... 1
Gi3_28148588_x2.....ggagacgucgugggaGcacggggugccgaac..... 1
Gi3_28137824_x2.....gucgugggCacacggggugccg..... 1
Gi2_10923051_x2.....gaucggagacgucgugggaacacgggAugc..... 1
Gi1_4154213_x2..gcUaucggagacgucgugggaaca..... 1

Gi2_10942743_x2.....guUgugggaacacggggugccg..... 1
Gi5_8765189_x2.....ggUgacgucgugggaacacggggugccgaacu..... 1
Gi5_8776849_x2.....gacgucgugggaacacggggguAccgaacu..... 1
Gi3_27991268_x2.....cgucgugggaacacCgggugc..... 1
Gi5_8794027_x2.....gucgugggaUcacggggugccgaacu..... 1
Gi1_4119527_x2.....gaucggagacgucguAgg..... 1
Gi2_10891681_x2.....ucNugggaacacggggugccgaacu..... 1
Gi2_10886591_x2.....gggaacacggggugccgaacAu..... 1
Gi3_28096076_x2.....acgucgugggaacGcggggugcc..... 1
Gi1_4108661_x2.ugUgaucggagacgucguggga..... 1
Gi3_28119048_x2.....agGcgucgugggaacacggggugcc..... 1
Gi3_28196328_x2.....cggagaUgucgugggaacacgggggu..... 1
Gi2_10835245_x2.....aucggagacgucgugggaUcacgggggu..... 1
Gi5_8736563_x2.....Gggagacgucgugggaacacg..... 1
Gi3_28193946_x2.....Caucggagacgucgugggaacacgg..... 1
Gi3_28139582_x2.....ggagacgucgugggaacacggggugcUga..... 1
Gi3_28173636_x2.....ucgAagacgucgugggaacacggggugcc..... 1
Gi5_8790747_x2.....acgucgugggaacacggggugccgaaA..... 1
Gi2_10830897_x2.....aucggCgacgucgugggaacacggggug..... 1
Gi2_10885799_x2.....gugggaacacgCgggugcc..... 1
Gi5_8816119_x2.....acacggggCgcccgaacuuu..... 1
Gi5_8798933_x2.....acgucgugggGacacggggugcc..... 1
Gi5_8743765_x2.....cgugggaacacggggugcU..... 1
Gi2_10985579_x2.....agacgucgNgggaacacggggug..... 1
Gi2_10846593_x2.....cgugggaaUacggggugccgaa..... 1
Gi2_10892149_x2.....agacgucgugggaacacggggugcU..... 1
Gi5_8741033_x2.....Aaucggagacgucgugggaacacggg..... 1
Gi3_28238804_x2.....cgugggaacacggggugcUg..... 1
Gi1_4093549_x2.....Augggaacacggggugccgaacu..... 1
Gi3_28063360_x2.....ucgugggaacacggggGgccgaa..... 1
Gi3_27998906_x2.....acgucgugAgaacacggggugccg..... 1
Gi2_10926381_x2.....ugggaacacggggugccgaaGu..... 1
Gi2_10890755_x2.....ucggagacgucgugggCacacgggggu..... 1
Gi2_10952575_x2.....ugggaacCcggggugccgaa..... 1
G1a_5966480_x2.....gugCgaacacggggugccgaacu..... 1
Gi3_28089426_x2.....ggagacgucgugggCacacg..... 1
Gi2_10936567_x2.....cggagacgucgugggGacacgggggu..... 1
G1a_5956478_x2.....aacacggggugccgCacu..... 1
Gi3_28081868_x2.....cguggAaacacggggugccg..... 1
Gi2_10829419_x2.....auAggagacgucgugggaacacggg..... 1
Gi3_28146406_x2.....gucgugggaacacggggGgccga..... 1
Gi1_4106965_x2.....cggagGcgucgugggaacacggggugcc..... 1
Gi4_556458_x2.....cgCcgugggaacacggggugcc..... 1
Gi2_10950739_x2.....gaucggagacgucgugggaacGcggggugc..... 1
Gi3_28025028_x2.....gagacgucgugggaacGcggggugc..... 1
G1a_5936878_x2.....gggaacaUggggugccgaacu..... 1
Gi2_10898295_x2.....gaucggagacAucguggga..... 1

Gi2_10953413_x2...gauUggagacgucgugggaacacggg..... 1
Gi3_28181346_x2.....gugggaacaGggggugcc..... 1
Gi1_4125031_x2.....ggaacacgNggugccgaa..... 1
Gi1_4146415_x2.....gUaacacggggugccgaaacu..... 1
Gi1_4157721_x2.....ugggaacacggggugccgaaUu..... 1
Gi2_10864285_x2.....gucgugggaacCcggggugccg..... 1
Gi5_8809047_x2.....ucgugggUacacggggugccgaa..... 1
Gi2_10954999_x2...gCucggagacgucgugggaac..... 1
Gi1_4138305_x2...aucggagacgucgugggaacacggggCgcc..... 1
Gi3_28221752_x2.....cgucgugggaacUcggggugccgaaacu..... 1
Gi2_10895413_x2.....gggaaAacggggugccga..... 1
G1a_5973564_x2.....gucgugggaacacggggCgccgaa..... 1
G1a_5973830_x2...aAcggagacgucguggga..... 1
Gi3_28122554_x2.....acgucgugggaacaAggggugccgaaacu..... 1
Gi3_28023560_x2.....ggagacgucgugAgaacacg..... 1
Gi3_28151460_x2.....gaGgucgugggaacacggg..... 1
Gi2_10983201_x2.....Aacgucgugggaacacgggg..... 1
Gi5_8721073_x2.....gugggaacaAggggugccgaa..... 1
Gi2_10854813_x2...aucggagacgucgugggaacaAggggugcc..... 1
Gi2_10991397_x2.....cggacacgucgugggaacacggggugc..... 1
Gi2_10893515_x2...gaucggagacAucgugggaacacggg..... 1
Gi2_10912651_x2.....acgucgugUgaacacggggugccgaaacu..... 1
Gi1_4139897_x2.....gagGcucgugggaacacggggugccg..... 1
Gi2_10972689_x2.....gucgugggaacaAggggugcc..... 1
Gi2_10917071_x2...aucggagacguUgugggaacacggggugcc..... 1
Gi2_10974105_x2...cggagacgucgugggaacacgggguAc..... 1
Gi5_8829257_x2.....cgugggaacacgAggugcc..... 1
Gi3_28128144_x2...ucggagacgucgugggaacaUggggugcc..... 1
Gi2_10923095_x2...aucggagacgucguggAaacacggg..... 1
Gi5_8795999_x2.....cgucgugggaacGcggggugccga..... 1
Gi1_4138689_x2.....gaacacgggUugccgaaacu..... 1
Gi3_28168004_x2...Caucggagacgucgugggaacacg..... 1
G1a_5903870_x2.....gugggaacacggggugccgC..... 1
Gi5_8799731_x2...gaucggagNcucgugggaacacg..... 1
Gi1_4128487_x2.....gugggaacacggggUccgaaacu..... 1
Gi1_4151997_x2.....ugggaacacggggGgccgaa..... 1
Gi2_10955159_x2.....agacgucgugggaacacAggggugccg..... 1
Gi3_28223854_x2...Gggagacgucgugggaacacgg..... 1
Gi3_28209404_x2...ucAgagacgucgugggaacacggggu..... 1
Gi2_10916171_x2...acUucgugggaacacggggugccgaa..... 1
Gi5_8824851_x2...Ggucgugggaacacggggugccgaa..... 1
Gi3_28075406_x2...ggagGcucgugggaaca..... 1
G1a_5928576_x2.....guggUaacacggggugcc..... 1
Gi3_28209830_x2...auGggagacgucgugggaacacggggu..... 1
Gi1_4132445_x2...acgucgugggaacacggAgugccgaaacu..... 1
Gi3_28147186_x2...ucUugggaacacggggugc..... 1
Gi2_10982777_x2.....ugggaacacgggUugccg..... 1

Gi1_4106421_x2.....ucgugggCacacggggugccgaac..... 1
 Gi3_28035482_x2.....acgucgugggaacacggggGgccga..... 1
 Gi2_10944369_x2.....auAggagacgucgugggaacacggggug..... 1
 Gi3_28130332_x2.....agacgucgNgggaacacgggg..... 1
 Gi5_8724157_x2.....cgucgugggaacacggggugccgaUu..... 1
 Gi2_10842069_x2.....ugggaacacggggugccgaacuC..... 1
 Gi2_10931937_x2.....cgGcgugggaacacggggugc..... 1
 Gi5_8828425_x2.....Uucggagacgucgugggaacacgggggu..... 1
 Gi2_10920459_x2.....ucgugggaacacggcGugccgaacu..... 1
 Gi5_8769759_x2.....cguAgugggaacacggggugccgaacu..... 1
 Gi3_27992782_x2.....ggGgacgucgugggaacacggggugcc..... 1
 Gi2_10942205_x2.....aucggagacgucguAggaacacg..... 1
 Gi3_28067682_x2.....cggagacgCcgugggaacacggggugc..... 1
 Gi3_28070100_x2.....ugggaacacUgggugccga..... 1
 Gi1_4123689_x2.....Ucugcugugggaacacggggugcc..... 1
 Gi2_10899543_x2.....gucgugggaGcacggggugccga..... 1
 Gi3_28178882_x2.....cggagacgucgCgggaacacggggugccgaacu..... 1
 Gi4_562384_x2.....ggaacacgNggugccgaac..... 1
 Gi3_28108522_x2...cCaucggagacgucguggg..... 1
 Gi1_4130411_x2.....gucgugggaacacggggugcAgaacu..... 1
 Gi2_10863101_x2.....ucgugggaGcacggggugcc..... 1
 Gi1_4115209_x2.....ugggaacacggggCgccgaac..... 1
 Gi3_28260520_x2...cgaucggGgacgucguggg..... 1
 Gi1_4098975_x2.....ggaacacgggAugccgaacu..... 1
 G1a_5916242_x2.....cgugggaacacggAgugccgaacu..... 1
 Gi2_10887663_x2.....cguggCaacacggggugcc..... 1
 Gi2_10860263_x2.....gaUgucgugggaacacggggugccgaac..... 1
 Gi1_4119935_x2.....Naacacggggugccgaacu..... 1
 Gi3_28117880_x2.....cggagacgucgugggaacacgggA..... 1
 Gi2_10853633_x2.....Uucggagacgucgugggaaca..... 1
 Gi5_8760087_x2.....aucggagacgucgCgggaacacgggggu..... 1
 Gi3_28200094_x2.....aucggagacgucgugggaacacUgg..... 1
 Gi3_28013396_x2.....cggagacgucgugggGacacggggugccga..... 1
 Gi5_8778217_x2.....uggaacaNggggugccgaacuu..... 1
 G1a_5907902_x2.....gucgugggaacacggggugccGacu..... 1
 Gi4_561576_x2.....gugggGacacggggugccgaacu..... 1
 Gi3_28093610_x2.....gacgucgGgggaacacggg..... 1
 Gi2_10857267_x2.....ugggCacacggggugccgaac..... 1
 Gi3_28213796_x2.....Ccgugggaacacggggugc..... 1
 Gi2_10842157_x2.....aucggagacgucgugggaacacCgggugc..... 1
 Gi1_4125693_x2.....gggaacacNgggugccgaacuu..... 1
 Gi3_28086502_x2...cgaucggagacgucgugggaGcacggggug..... 1
 Gi2_10964205_x2.....ucggagacgucgugggaGcacgggggu..... 1
 G1a_5902188_x2...gaucggagacgucguAggaacacgggggu..... 1
 Gi3_28022252_x2.....aucggagacgucgAgggaacacgggg..... 1
 Gi1_4110939_x2.....gugggaacacggggugccgaGcuu..... 1
 G1a_5910074_x2.....guAggaacacggggugccgaa..... 1

Gi3_28025478_x2.....ucNugggaacacggggugccgaacu..... 1
Gi3_28258698_x2.....gucgugggaacacggggAgcc..... 1
Gi3_28214636_x2.....cgucgugggaGcacggggugccgaa..... 1
Gi1_4101551_x2.....cggagacgNcgugggaacacggggugcc..... 1
Gi5_8817253_x2.....cAugggaacacggggugc..... 1
Gi2_10887611_x2.....aucggagacgucgugggaaUacg..... 1
Gi1_4129545_x2.....gCacacggggugccgaacu..... 1
Gi2_10843835_x2.....gaCcgagacgucgugggaacacggggugcc..... 1
Gi2_10958501_x2.....cgugggaacaUggggugccgaa..... 1
Gi5_8754979_x2.....cacgggguNccgaacuuu..... 1
Gi3_28100298_x2.....acGcggggugccgaacuu..... 1
Gi3_28211584_x2.....gucAugggaacacggggug..... 1
Gi3_28220794_x2.....agacgucgugggaacacgAgggugcc..... 1
Gi2_10877525_x2.....gggaacacggggGgccgaa..... 1
Gi3_28001086_x2.....acgucgugggaacacggggGgccg..... 1
G1a_5953002_x2.....ggNaacacggggugccgaacu..... 1
Gi2_10848887_x2.....aucggagacgucgugAgaacacg..... 1
Gi3_28159372_x2.....gGucggagacgucgugggaacacggggug..... 1
Gi5_8774041_x2.....gucguggCaacacggggugccgaacu..... 1
G1a_5962704_x2.....Uaucggagacgucgugggaacacg..... 1
Gi2_10934913_x2.....cgugggaacacggggAgccgaa..... 1
Gi2_10929449_x2.....cggagaGgucgugggaacacggggugcc..... 1
Gi5_8734691_x2.....cgugggaGcacggggugcc..... 1
Gi1_4137903_x2.....cgGcugugggaacacggggugcc..... 1
Gi3_28075318_x2.....gucgugggaacacAgggugccga..... 1
Gi3_28001934_x2.....gaucAgagacgucgugggaacacg..... 1
Gi2_10983475_x2.....cgaucggagacgucguAggaacacggg..... 1
Gi1_4153781_x2.....gucgugggaacacggggGgccgaa..... 1
Gi1_4133739_x2.....ugggaacaGggggugccgaacu..... 1
Gi3_28163782_x2.....cgucguCggaacacggggugccg..... 1
Gi2_10835505_x2.....ggagacgucgugggGacacg..... 1
G1a_5954878_x2.....guUggaacacggggugccg..... 1
Gi3_28039218_x2.....agacgucgugggaGcacggggugccgaacu..... 1
Gi2_10899575_x2.....gaucggagacgucgugggaacacggggGg..... 1
Gi1_4107537_x2.....cgugggaacacggggugccgaacu..... 1
Gi3_28098258_x2.....ggUaacacggggugccga..... 1
Gi3_28039276_x2.....gucgugggaacacggggugccgaC..... 1
Gi1_4135015_x2.....guAggaacacggggugcc..... 1
Gi3_28049840_x2.....cgucgugggaacacggggugccUaacu..... 1
Gi1_4150127_x2.....ugggaacacggggugcUgaacuu..... 1
Gi3_28206544_x2.....aGcggagacgucgugggaac..... 1
Gi2_10903109_x2.....ggagacgucgugggaacaUggggugccgaacu..... 1
Gi1_4097963_x2.....ucgugggaacacgggUgugcc..... 1
Gi2_10853711_x2.....aucAgagacgucguggga..... 1
Gi5_8786291_x2.....gugggaacacggggugccgG..... 1
Gi2_10923721_x2.....acgucgugggaacaUggggugc..... 1
Gi2_10877343_x2.....cguUgugggaacacggggugcc..... 1

Gi2_10976997_x2.....uggaacacgggguCccgaacu..... 1
Gi3_28122468_x2.....gagacgucgCgggaacacggggugccgaacu..... 1
G1a_5931836_x2.....ggaAGacggggugccgaacu..... 1
Gi3_28149706_x2.....agacgucgugAgaacacggggugccgaac..... 1
Gi2_10952529_x2.....cguCggaacacggggugccgaac..... 1
G1a_5904904_x2.....cguggaacacggggugU..... 1
Gi2_10986835_x2.....uggaacacggCgugccgaacu..... 1
Gi4_562610_x2.....guggaacacggggugccCaacu..... 1
Gi3_28216682_x2.....Ccguggaacacggggugccg..... 1
Gi4_563258_x2.....uggaacCcgggugccgaacu..... 1
Gi3_28222614_x2...gUucggagacgucguggaacacggggugccg..... 1
Gi1_4098391_x2.....guggaacacgggguAccgaac..... 1
Gi2_10867485_x2.....aucggagacgucguggaUca..... 1
Gi3_28165790_x2.....gacgAcguggaacacggggugccgaacu..... 1
Gi3_28092844_x2.....aucggagacgucguggaaAacggggugcc..... 1
Gi2_10943467_x2...gaucggagacgucguAggaaca..... 1
Gi2_10977281_x2.....gacgucguggaacacAgggugccgaac..... 1
Gi3_28182042_x2.....cgucguggaacacggggugccGgaacu..... 1
Gi3_28108864_x2...cgGucggagacgucguggaacacggggu..... 1
Gi2_10944383_x2.....cgucguAggaacacggggugccga..... 1
Gi3_28212462_x2.....gacAucguggaacacggggu..... 1
Gi4_559150_x2.....cuguggaacUggggugccgaacu..... 1
Gi1_4120675_x2...aucggagacgucguggaGcaccggggugcc..... 1
Gi2_10935903_x2...aucggagacgucguggaacacgCggugc..... 1
Gi3_28083038_x2.....uggaacacggggugcAg..... 1
Gi2_10990945_x2.....acgucgCgggaacacggggugc..... 1
Gi3_28012794_x2...gGucggagacgucguggaac..... 1
Gi5_8825617_x2.....gacgucgCgggaacacggggugccg..... 1
Gi2_10953771_x2...aucggagacgucguggaaUacggg..... 1
Gi2_10955383_x2.....ggaacaGggggugccgaacu..... 1
Gi2_10875041_x2.....ugUgaacacggggugccgaa..... 1
Gi4_558578_x2.....uggaacacggggugccgGacu..... 1
Gi1_4117099_x2.....acgucguggaacacAgggugccg..... 1
Gi3_28200704_x2...gaucggagacgucguggaacGcggggugcc..... 1
G1a_5955720_x2.....Uacgucguggaacacggggugccgaac..... 1
Gi3_28198812_x2.....ggaacacggAgugccgaa..... 1
Gi1_4136963_x2.....agacgucguggaacacggggugccgaCcu..... 1
Gi3_28024400_x2.....Uagacgucguggaacacggggugccga..... 1
Gi1_4103325_x2.....guggAaacacggggugccgaac..... 1
Gi3_27993594_x2.....uggaacacggCgugccgaa..... 1
G1a_5905498_x2.....gggaacacggggugccgaC..... 1
Gi2_10864319_x2.....gacgucguggGacacggggugccgaacu..... 1
Gi2_10908651_x2...gaucggagNcgucguggaacacggggug..... 1
Gi3_28086824_x2...cgGucggagacgucguggaacacg..... 1
Gi1_4140677_x2.....cgucguggCacacggggugccgaacu..... 1
Gi5_8771285_x2.....agaUgucguggaacacggggugccgaacu..... 1
Gi3_28152214_x2...aucggagacgucguCggaacacggggu..... 1

Gi3_28173088_x2.....ugggaCcacggggugccg..... 1
 Gi3_28068090_x2.....acAucgugggaacacggggugcc..... 1
 Gi2_10930725_x2....auAggagacgucgugggaaca..... 1
 Gi3_28208734_x2.....ucUugggaacacggggugccga..... 1
 Gi3_28069644_x2.....ucgugggaacacggggguAc..... 1
 Gi2_10911625_x2....gaucggUgacgucgugggaacacgggggu..... 1
 Gi1_4118465_x2.....agUcgucgugggaacacggggugccgaacu..... 1
 Gi3_28121946_x2.....cgugggaacacggCgugccgaac..... 1
 Gi2_10958021_x2.....gggNacacggggugccgaac..... 1
 Gi5_8801603_x2....aucggagacgucgugggaacCcg..... 1
 Gi2_10953463_x2....aucggagaAgucgugggaacacgggggu..... 1
 Gi5_8785417_x2....cgaucggagacgucgugggaacacAgg..... 1
 Gi2_10893201_x2.....ugggaacacggggugcUg..... 1
 Gi3_28231686_x2....gaucggagUcgucgugggaacacggg..... 1
 Gi5_8736497_x2.....acgucgugggaacacggggugccgUacu..... 1
 Gi3_28135996_x2....cgaucggCgacgucgugggaacacg..... 1
 Gi2_10937979_x2....aucggagacgucAugggaacacggg..... 1
 Gi2_10976441_x2.....gagacgucgugggaacacgggAugcc..... 1
 Gi3_28158326_x2.....gggaacacggggGgccgaacuu..... 1
 Gl1_5878222_x2.....Cgagacgucgugggaaca..... 1
 Gi5_8823805_x2.....gggaacacggggAgccgaac..... 1
 Gi1_4100937_x2.....ucgCgggaacacggggugccga..... 1
 Gi3_28109778_x2.....ggagacgucgugggaacacggggugAc..... 1
 Gi3_28180210_x2.....cgugggaacacgCggugccg..... 1
 Gi3_28199844_x2.....agacgucgAgggaacacggggugccgaac..... 1
 Gi1_4107867_x2.....ucUugggaacacggggugcc..... 1
 Gi3_28002998_x2.....agacgucgugggaacaUggggugccgaa..... 1
 Gi2_10872199_x2.....cgugggaacacggggugcUg..... 1
 Gi3_28164240_x2.....ggaacacggggugccgaC..... 1
 Gi5_8821035_x2.....cgucgugggaacacggggugccgCac..... 1
 Gi5_8806797_x2....gaucggagacgucgugggaacacggggugccgaac..... 0
 Gi1_4140723_x2....aucAgagacgucgugggaacacg..... 1
 Gi2_10967511_x2.....cgucgugggaaAacggggugcc..... 1
 Gi1_4096163_x2.....gacgucgugggaacacggggugccgaacuu..... 0
 Gi2_10936193_x2.....agacgucgugAgaacacggggugccgaacu..... 1
 Gl1_5972376_x2....aucAgagacgucgugggaacacggg..... 1
 Gl1_5887052_x2.....cggagacgNcgugggaacacg..... 1
 Gi3_28257918_x2.....Ccgucgugggaacacggggugcc..... 1
 Gi5_8783675_x2....aucggagacAucgugggaacacggggugc..... 1
 Gi2_10938677_x2....gaucggagUcgucgugggaacacgggggu..... 1
 Gi3_28098158_x2.....cggagacgucguUggaacacggggug..... 1
 Gi3_28190016_x2....aucggagacgucgugggaacUcgggg..... 1
 Gi5_8798575_x2....gaucggagacgucgugggaacGc..... 1
 Gl1_5880852_x2.....ggagacgucgugggGacacggggugcc..... 1
 Gi2_10885487_x2.....ucgugggaacacCggggugccgaacu..... 1
 Gi5_8754799_x2.....aUacgucgugggaacacggggugccga..... 1
 Gi3_28136026_x2.....agacgucgugggaacacggggCgcc..... 1

Gi2_10963435_x2.....ucggagacgucgugggaaUa..... 1
Gi2_10908427_x2.....aucggagUcgucgugggaaacacgggg..... 1
Gi2_10870841_x2.....ggagacgucgugggaaacacggggCg..... 1
Gi2_10849345_x2.....cguAgugggaaacacggggugccgaacu..... 1
Gi1_4133549_x2.....ucgugggaaacacggggugccgaacAu..... 1
Gi3_28058118_x2.....aucCgagacgucgugggaaacacggg..... 1
Gi5_8812551_x2.....gugggaaacGcggggugcc..... 1
Gi3_28006104_x2.....agacgucgugggaaacacggggugcc..... 1
Gi5_8754949_x2.....gGgacgucgugggaaacacggggugcc..... 1
Gi2_10928277_x2.....aucggGgacgucgugggaaac..... 1
Gi5_8776153_x2.ugcgauccgagacgucgugggC..... 1
Gi1_4147951_x2.....gugggaaacacggggCgcccgaacu..... 1
Gi1_4133395_x2.....aucggagacgucgugggGacacgggg..... 1
Gi2_10861587_x2.....gugggaaacGggggugccgaac..... 1
G1a_5957666_x2.....gUagacgucgugggaaacacggggugc..... 1
Gi2_10880397_x2...cgauccgagacgucgugggGacacg..... 1
G1a_5913130_x2.....gacgucgCgggaacacggggugccgaacu..... 1
Gi2_10879465_x2...gaucggagacgucgugggaaacacggg..... 1
Gi3_27997404_x2.....Aacgucgugggaaacacgggg..... 1
Gi2_10840785_x2.....aucgCagacgucgugggaaac..... 1
Gi3_28215310_x2.....gacgucgugggaaacacgggC..... 1
Gi2_10893231_x2.....aucggagacgCcguggg..... 1
Gi1_4097495_x2.....ugggaaacUcggggugccgaacu..... 1
Gi2_10901013_x2.....gAagacgucgugggaaacacggggugc..... 1
Gi2_10945277_x2.....acgucgugggaaacacggggAcc..... 1
Gi3_27991622_x2.....ggagGcgucgugggaaacacggggugcc..... 1
Gi3_28187048_x2...gUucggagacgucgugggaaacac..... 1
Gi1_4113073_x2.....cgugAgaacacggggugccga..... 1
Gi5_8780763_x2.....cgugggaaacacggggugccga..... 1
Gi2_10972641_x2...gaucggagGcgucgugggaaacacggggug..... 1
Gi3_27990376_x2.....acgucgugggaaacacgUggugccgaacu..... 1
G1a_5941316_x2.....gugggaaacacggggugUcg..... 1
G1a_5970886_x2.....cgugggaaacacggggugccgCac..... 1
G1a_5977458_x2.....gaacacggggugccAaac..... 1
Gi2_10927245_x2.....cgCcgugggaaacacggggugccgaa..... 1
Gi5_8755265_x2.....acgucgugggaaacacggggugccgaCcu..... 1
Gi3_28157830_x2.....gacgucgugggaaacacggggugccg..... 1
Gi2_10948839_x2.....cggagacgNcgugggaaacac..... 1
G1a_5964304_x2.....gAggaaacacggggugccga..... 1
Gi1_4152381_x2.....cgGggaaacacggggugccg..... 1
Gi2_10992205_x2...cgauccgGgacgucguggg..... 1
Gi3_28109550_x2.....gaacaAggggugccgaac..... 1
Gi2_10943517_x2.....aucggagacgucgugggaaacacAgggug..... 1
Gi3_28110256_x2.....ggagacgCcgugggaaacacg..... 1
Gi2_10977551_x2.....agacgucgugggaaacacggggugcA..... 1
Gi3_28138542_x2.....aacNcggggugccgaacu..... 1
Gi2_10876349_x2.....cgugggaaacacggggugcGgaac..... 1

Gi1_4116707_x2.....guUggaacacggggugccgaacu.....	1
Gi3_28115514_x2.....ucggagacgucgCgggaacacgggg.....	1
Gi2_10981261_x2.....aucggagacgucgugggaaacUcggggg.....	1
Gi4_554220_x2.....gacgucgugggaaacacggggugccgaacu.....	0
Gi3_28221760_x2.....aucggagacgucgugggaaacacgAggguc.....	1
G1a_5877728_x2.....gucgugggaaacacggggGgccgaac.....	1
Gi5_8802797_x2.....acgucgugggaaacacggggugccgaacG.....	1
Gi3_28008748_x2.....ucgugggaaacacggggugccgaacu.....	0
Gi2_10888089_x2.....aaNacggggugccgaacu.....	1
Gi5_8809417_x2.....Gggagacgucgugggaaacacggggugccga.....	1
G1a_5922926_x2.....guggaaacacggggugccAa.....	1
Gi3_28040158_x2.....Cgagacgucgugggaaacacgggg.....	1
G1a_5905042_x2.....aucggagacgucgugggGacacggggugc.....	1
Gi3_28039642_x2.....cggagacgucgugggaaUacgggg.....	1
Gi2_10957469_x2.....gaGcggagacgucgugggaaacacggggugc.....	1
Gi2_10838167_x2.....Gucggagacgucgugggaaacacggggugccg.....	1
Gi3_28082998_x2.....gucgugggaaacGcggggugcc.....	1
G1a_5925530_x2.....gggaacacggggugUcgaacu.....	1
G1a_5942076_x2.....aucggagacgucgugggaaacacggggCgcc.....	1
Gi2_10992219_x2.....gaucggagacguAgugggaaac.....	1
Gi4_557008_x2.....cggagacgucgugggaaacacggggugccgaacu.....	0
Gi5_8821747_x2.....aucggCgacgucgugggaaacacgggg.....	1
Gi3_28109482_x2.....gucguUggaacacggggugccgaac.....	1
Gi3_28255052_x2.....agacgucAugggaaacacggggugcc.....	1
Gi2_10835485_x2.....aucggagacgucgCgggaaca.....	1
Gi3_28126062_x2.....cgucgugggaaacacgUgugccgaac.....	1
Gi5_8737153_x2.....ggaacacggggugcAgaacu.....	1
Gi5_8736171_x2.....cgugggaaacacggggGgccgaac.....	1
Gi3_27998142_x2.....gaucggUgacgucgugggaaacacggg.....	1
Gi3_28168786_x2.....agacgucgugggaaCcacggggugcc.....	1
Gi1_4111947_x2.....aucggagacgucgugggGacacggggugcc.....	1
Gi3_28096382_x2.....gCagacgucgugggaaacacggggugcc.....	1
Gi3_28256596_x2.....cggagacgucgugggaaCcacggg.....	1
Gi2_10948013_x2.....Ggacgucgugggaaacacggggugccgaa.....	1
Gi5_8779469_x2.....cgucgugggaaacacggggugccUaacu.....	1
Gi2_10953959_x2.....gacgucgugggaaacacgAggugccgaacu.....	1
Gi2_10908667_x2.....Cggaacacggggugccgaa.....	1
Gi5_8819765_x2.....gucgugggCacacggggugccgaac.....	1
Gi2_10832467_x2.....gaucggagacgucgugAgaacacggggugc.....	1
Gi5_8736069_x2.....guggaaacacgAggugccga.....	1
Gi5_8745563_x2.ugcgauccggagacgucgugggG.....	1
Gi5_8745471_x2.....guggaaacacggggugcUg.....	1
Gi1_4138555_x2.....guggaaacacggggCgccg.....	1
Gi3_27984736_x2.....gacgucguggAaacacgggg.....	1
Gi1_4097523_x2.....ucggGgacgucgugggaaacacggg.....	1
Gi1_4143591_x2.....ucgugggaaUacggggugccga.....	1
G1a_5931578_x2.....guggaaacacggggugAc.....	1

Gi5_8744789_x2.....gugggaacacAgggugccgaacu.....	1
Gi5_8787895_x2.....cggagacgucgugggaacacggggugc.....	0
Gi5_8758991_x2.....gucgugggaacacggggAgccgaacu.....	1
Gl1a_5944926_x2..gcgauccggGgacgucgug.....	1
Gi2_10962123_x2.....gaCcacggggugccgaacu.....	1
Gi3_28192372_x2.....gaucggagCcgucgugggaacacg.....	1
Gi3_28215880_x2.....cggGgacgucgugggaacacggggg.....	1
Gi2_10898025_x2.....ggaacacggggugccUaac.....	1
Gi2_10959753_x2.....gucgugggaacaUggggugc.....	1
Gi2_10938781_x2.....gaAcggagacgucgugggaacacggg.....	1
Gi5_8766015_x2.....aucggagacgucgugggUacacg.....	1
Gi1_4143619_x2.....gagacgucgugggaacacg.....	0
Gi3_28180040_x2.....aucCgagacgucgugggaacacg.....	1
Gi3_28009436_x2.....auAggagacgucgugggaacacggggg.....	1
Gi5_8827441_x2.....gggaacacggggugccUaac.....	1
Gi2_10925559_x2.....cgucgugggaacacggggUac.....	1
Gi2_10972775_x2.....ucgugggaaUacggggugccgaac.....	1
Gi3_28027242_x2.....cggagacgucgugggaacacAgggg.....	1
Gi5_8734129_x2.....aucggCgacgucgugggaacacggg.....	1
Gi3_28022108_x2.....cgugggaacacggggugccU.....	1
Gi2_10871509_x2.....cggagacgucgugggaacC.....	1
Gi3_28201312_x2.....aucggagacgucguggUaacac.....	1
Gi1_4097115_x2.....uUgugggaacacggggugccgaac.....	1
Gi5_8819689_x2.....ucggagacgucgugUgaacacg.....	1
Gi5_8821309_x2.....gaucggagacgucgugggaacCc.....	1
Gi2_10960373_x2.....aucggagacgucguggAaacac.....	1
Gi2_10874309_x2.....ugggaacacggggugccgUac.....	1
Gi2_10862497_x2.....agacgucgugggaacGcggggugc.....	1
Gi5_8817775_x2.....cgugggaaUacggggugcc.....	1
Gi3_28077452_x2.....gggaacacggggUaccgaac.....	1
Gi3_28010524_x2.....gaucUgagacgucgugggaacacggggg.....	1
Gi3_28042864_x2.....cgucgugUgaacacggggugccgaacu.....	1
Gi4_565132_x2.....gugggaacacgggUgugccgaacu.....	1
Gi2_10842719_x2.....gacgucAugggaacacggggugccga.....	1
Gi5_8764985_x2.....aUacgucgugggaacacggggg.....	1
Gi3_28147556_x2.....acgucgCgggaacacggggugcc.....	1
Gl1a_5920836_x2.....ugggaacacggggugccgUacu.....	1
Gi2_10863149_x2..cUaucggagacgucgugggaacac.....	1
Gi3_28145966_x2.....aacacggggugccAaacuu.....	1
Gi5_8722989_x2.....ugggGacacggggugccgaacu.....	1
Gi2_10963773_x2.....gaucAgagacgucgugggaacac.....	1
Gi3_28213426_x2.....ucgCgggaacacggggugccg.....	1
Gi2_10968809_x2.....gugggaUcacggggugccg.....	1
Gi1_4122181_x2..gcgauccggagacgucgug.....	0
Gi2_10886093_x2.....ggagacgucgugggaacacggggAgc.....	1
Gi3_28128170_x2.....gaucggagGcugcugugggaacacggggugc.....	1
Gi2_10976107_x2.....aucggagacgucguggAaacacggggg.....	1

Gi2_10900717_x2.....gagacgucgugggGacacggggug..... 1
Gi3_28154800_x2...gaucggagacgucGgggaacacggggu..... 1
Gi3_28044390_x2.....gucgugggaacacggggugccgG..... 1
Gi1_4108217_x2.....gugggaacacggggGcgccaac..... 1
Gi3_28165908_x2.....aaNacggggugccgaacuu..... 1
Gi1_4156945_x2.....ucgugggaacacggggGgcc..... 1
Gi5_8778727_x2.....gugggaacGcggggugccgaacuu..... 1
Gi2_10914495_x2.....cgugUgaacacggggugccg..... 1
Gi5_8808773_x2.....gucgugggGacacggggugccgaac..... 1
Gi5_8773599_x2.....cgucgugggaacacggggGgccgaa..... 1
Gi2_10871667_x2.....cUgagacgucgugggaacacggggugccgaac..... 1
Gi3_27996584_x2.....Acgugggaacacggggugc..... 1
Gi2_10833283_x2.....cgucgugggaacacggggugUcgaac..... 1
Gi1_4122201_x2.....ugggaacaAggggugccgaacu..... 1
Gi2_10981571_x2.....cgucgugggaacacggggugcUgaac..... 1
Gi5_8774193_x2....aucggagacgucAugggaacacg..... 1
Gi1_4135163_x2.....ugUgaacacggggugccg..... 1
G1a_5897378_x2.....gggaacacgggUgugccgaacu..... 1
Gi2_10862627_x2.....gacgucguggAaacacggggugccgaac..... 1
Gi3_28122416_x2.....acgucguggCaacacggggugccgaac..... 1
Gi3_28128300_x2.....cgucgugggaUcacggggugccg..... 1
Gi1_4158485_x2.....gucgugggaacacggggugc..... 0
Gi3_28060006_x2...gaucggagNcgucgugggaac..... 1
G1a_5896394_x2...cgaucggGgacgucgugggaacacg..... 1
Gi2_10922361_x2.....gggaacacggggGgccga..... 1
Gi3_27983876_x2...Caucggagacgucgugggaacacggggugc..... 1
Gi5_8756465_x2.....cgAgggaacacggggugcc..... 1
Gi1_4089943_x2.....ugggaUcacggggugccgaacu..... 1
Gi2_10949825_x2...gaucggagacgucguggAaacacggggugc..... 1
Gi1_4118011_x2.....agacgucgNgggaacacggg..... 1
Gi1_4112933_x2.....guggCaacacggggugccga..... 1
Gi2_10990765_x2.....cgugggaacacAgggugccga..... 1
Gi2_10857187_x2.....acgucguAggaacacggggugcc..... 1
Gi2_10873873_x2...cgaucggCgacgucgugggaacacggg..... 1
Gi2_10889085_x2.....gacgucgugggaacacggggugccgaCcu..... 1
Gi3_28198862_x2.....gacgucgugggaacacggggGgc..... 1
Gi3_28031826_x2.....ggagacgucgugUgaacacggggugccg..... 1
Gi3_28204770_x2.....aAacgucgugggaacacggggugccgaac..... 1
Gi3_28235222_x2.....ucgugggaacacggggGccgaacu..... 1
Gi4_563882_x2.....cgugggaacGcggggugccgaacu..... 1
Gi3_28056580_x2...cgaucggGgacgucgugggaacacg..... 1
G1a_5976004_x2.....cgugggaacacggggugccgaaAu..... 1
Gi2_10932781_x2.....ucgugggaacacggggugcAg..... 1
Gi5_8783105_x2.....acgucgugggaacacggggAgccgaacu..... 1
Gi2_10913127_x2.....agacgucgugggaacacggggGccga..... 1
Gi3_28192122_x2.....acgucguggGcacacggggugccga..... 1
Gi3_28047122_x2.....gacgucguggGcacacggggugccg..... 1

Gi5_8782913_x2.....aucggagacgucguggAaacacgg.....	1
Gi3_28015224_x2.....cgugggaacacggggugccgaacuu.....	0
Gi2_10992093_x2.....gacgucgugggaacacggggugAc.....	1
Gi2_10928321_x2.....ugggaCcacggggugccgaa.....	1
Gi2_10947955_x2.....aucggagUcgucgugggaacacggg.....	1
Gi2_10894573_x2.....gUgacgucgugggaacacggggugccgaacu.....	1
Gi2_10944323_x2.....ugggaacacggggGgccg.....	1
Gi1_4129401_x2.....uAggaacacggggugccg.....	1
Gi2_10979939_x2.....ggagacgucgugggaacacggggC.....	1
Gi3_28166652_x2.....ggagacgucgugggGacacggggugccg.....	1
Gi5_8793531_x2.....gugggCcacggggugccgaacuu.....	1
Gi3_28252774_x2.....acguUgugggaacacggggugcc.....	1
Gi3_28166032_x2.....gacgucgugggaacacggggugcGgaacu.....	1
Gi4_560196_x2.....gugggaacacggAgugccgaa.....	1
Gi1_4126445_x2.....gucgugggCcacggggugcc.....	1
Gi2_10947027_x2.....cgugggaacacggggugcAg.....	1
Gi5_8822455_x2.....ggaacacggggugccgaacuu.....	0
Gi5_8753689_x2.....cgucgugggaacacggggugccgaaA.....	1
Gi3_28036890_x2.....ggagacgucgCgggaacacg.....	1
Gi3_28114162_x2.....acgucgugggCcacggggugccgaac.....	1
Gi3_27992106_x2.....agacgucgugggaacGcggg.....	1
Gi2_10898621_x2.....gugggaacacgggUugccgaac.....	1
Gi2_10901739_x2.....Aaucggagacgucgugggaac.....	1
Gi2_10920981_x2.....cgugggaacacggggugccCaac.....	1
Gi1a_5950514_x2.....aucggagaUgucgugggaacacggggg.....	1
Gi5_8772565_x2cugcgaucggagacgucgC.....	1
Gi2_10860083_x2.....cggagacgucgugggaaUacg.....	1
Gi1_4112751_x2.....Gcucgugggaacacggggugccg.....	1
Gi1a_5888630_x2.....Caucggagacgucgugggaacacggggg.....	1
Gi2_10956327_x2.....cgucgugggaacaUggggugccgaac.....	1
Gi2_10967435_x2.....aucggaUacgucgugggaacacggggugc.....	1
Gi3_27997400_x2.....cgucgugggaacacggggugcAgaac.....	1
Gi2_10913015_x2.....cggagacgucgugggaacacggggC.....	1
Gi3_28183690_x2.....gucAugggaacacggggugc.....	1
Gi2_10960639_x2.....gggaacacgggCugccgaac.....	1
Gi2_10960419_x2.....gucCugggaacacggggugccgaacu.....	1
Gi5_8781643_x2.....acgucgugggaacacggggGgccgaac.....	1
Gi1_4100793_x2.....uUggagacgucgugggaacacggggugccgaacu.....	1
Gi3_28256614_x2.....cggagacgCcgugggaacacggggugccga.....	1
Gi2_10914777_x2.....aucggagacgucgugggaaAacggg.....	1
Gi2_10895655_x2.....gaucggagacgucgugggaacacggAgugc.....	1
Gi1_4137241_x2.....cgugUgaacacggggugccga.....	1
Gi1_4117687_x2.....ugggaacGcggggugccgaac.....	1
Gi2_10935153_x2.....aucggagacgucguggAaacacggggugcc.....	1
Gi2_10937039_x2.....Uagacgucgugggaacacggggugccgaa.....	1
Gi3_28151324_x2.....gaacacggggCgccgaacuu.....	1
Gi5_8806367_x2.....gugggaacacggggCgccgaacuu.....	1

Gi5_8820403_x2.....agacgucgugggaacaUggggugccgaacu.....	1
Gi1_4157775_x2.....ucggagacgucgugggaGcacg.....	1
Gi1_4157797_x2.....gugCgaacacggggugccgaacu.....	1
Gi3_28001992_x2.....gacgucgugAgaacacggggugccgaacu.....	1
Gi2_10864739_x2.....Gggagacgucgugggaacacggggug.....	1
Gi3_28024446_x2.....auUggagacgucgugggaacacggggug.....	1
Gi3_28226406_x2.....cgucgugggaaAacggggugccgaac.....	1
Gi3_28027914_x2.....ucggagacgucgugggaGcacggggugcc.....	1
Gi3_28067948_x2.....aucCgagacgucgugggaacacgggggu.....	1
Gi2_10854579_x2.....cguNggaacacggggugccg.....	1
Gi2_10915455_x2.....gaacacggNgugccgaac.....	1
Gi3_28203016_x2.....gacguUgugggaacacggggugccgaac.....	1
Gi5_8798069_x2.....acacggggugccgaacuC.....	1
Gi1_4113937_x2.....gucgugggaaUacggggugccgaacu.....	1
Gi3_28155664_x2.....acgucgugggaacacggggGgccg.....	1
Gi5_8800503_x2.....agacgucgugggaacacAgggugc.....	1
Gi1_4094605_x2.....gucgugggGacacggggug.....	1
Gi2_10834151_x2.....ggagacgucgugggaacacgggg.....	0
G1a_5957082_x2...gaucggagGcgcgucguggaa.....	1
Gi3_28098124_x2.....ggaacacCggggugccgaac.....	1
Gi3_28023966_x2.....cggagacgucgugggaacacggc.....	1
G1a_5973040_x2.....ggagacgucguAggaacacggggugcc.....	1
Gi5_8755197_x2...gaucggagacgucgugggaGcacg.....	1
Gi3_28042172_x2.....gggaacGcggggugccga.....	1
Gi5_8810231_x2.....gugggGacacggggugccgaacu.....	1
Gi2_10882243_x2.....ggagacgucgugggaacCcgggugc.....	1
Gi1_4147283_x2.....Agucgugggaacacggggugccgaacu.....	1
Gi5_8777473_x2.....gggaacacggggugccgGa.....	1
Gi2_10987301_x2.....cggagacgucguAggaacac.....	1
Gi2_10842217_x2.....agacgucgugggaGcacggggugccgaacu.....	1
Gi3_28161866_x2.....gucgugggaacacggggugGcgaac.....	1
G1a_5948222_x2.....gugggGacacggggugccgaac.....	1
Gi5_8776649_x2.....gggaacacggggugccCaacu.....	1
Gi5_8793059_x2.....ugggaacacggAgugccgaac.....	1
Gi2_10897277_x2.....Ugacgucgugggaacacggggug.....	1
Gi5_8737109_x2.....cgucgugggaacacggggGgccgaac.....	1
G1a_5937186_x2...gGucggagacgucgugggaacacg.....	1
Gi3_28128256_x2...gcgauUggagacgucgugggaacacggg.....	1
Gi1_4103357_x2.....ggUgacgucgugggaacacgggggu.....	1
Gi3_28222656_x2.....ucggagacNucgugggaacacggggugcc.....	1
G1a_5978824_x2.....gaacacgAggugccgaacu.....	1
Gi1_4136947_x2.....gucgugggaGcacggggugccgaac.....	1
Gi5_8770265_x2.....ugggaacacggggugGcgaacu.....	1
Gi5_8768759_x2.....ggaacacggggugccgaa.....	0
Gi2_10876763_x2.....acgucgugggaacUcggggugccgaacu.....	1
Gi5_8755091_x2.....gacgucgugggaacacggggugccAaacu.....	1
Gi2_10900525_x2.....gugggaacacUgggugccgaa.....	1

Gi3_28014214_x2.....gggaacaAggggugccga..... 1
Gi3_28258590_x2.....agacgucgNgggaacacggggugccga..... 1
Gi2_10946765_x2.....aucggagacgucgugggaacaUggggugcc..... 1
Gi5_8787401_x2.....aucggagacgucgugggaacGcg..... 1
Gi3_28193986_x2.....auAggagacgucgugggaacac..... 1
Gi3_28202836_x2.....cggagacgucguUggaacacggggugcc..... 1
Gi3_27989034_x2.....gucgugggaaAacggggugc..... 1
Gi2_10896027_x2.....aucggagaUgucgugggaacacggggg..... 1
Gi1_4126403_x2.....acacggggugccgaacAu..... 1
Gi2_10837335_x2.....ggaacacggCGugccgaac..... 1
Gi3_28222032_x2.....agacgucgugggaacacAggggugccgaac..... 1
Gi2_10842695_x2.....uGggagacgucgugggaacacggggugc..... 1
Gi2_10908181_x2.....cgucgCgggaacacggggugccgaa..... 1
Gi2_10854459_x2.....gacgucguAggaacacggggugccg..... 1
Gi3_28135296_x2.....uggaacaacggggugAcg..... 1
Gi2_10874129_x2.....acgucgugggaacacggggugGc..... 1
Gi2_10991605_x2.....aucggagacgucgugggGacacgggg..... 1
Gi2_10984317_x2.....cgucgugGCaacacggggugccgaacu..... 1
Gi2_10863939_x2.....gaucggagacgucgugAga..... 1
Gi2_10855313_x2.....gggaacacggggugccgaUcu..... 1
G1a_5883252_x2.....ucgugggaacGcggggugccgaacu..... 1
Gi2_10963917_x2.....aucggagacgucgugggaUcacggggugc..... 1
G1a_5932040_x2.....gucgugggaacacggggGcgggaacu..... 1
Gi5_8801329_x2.....cUgagacgucgugggaacacggggugccga..... 1
Gi2_10859427_x2.....Uucggagacgucgugggaacacggggug..... 1
Gi2_10911607_x2.....aucggagacgucgugggaUcacggggugcc..... 1
Gi3_27994554_x2.....Aggagacgucgugggaacacggggugcc..... 1
Gi3_28069964_x2.....gaucggagNcgucguggg..... 1
Gi5_8795007_x2.....guAggaacacggggugccgaacuuu..... 1
Gi2_10832955_x2.....ggaaAacggggugccgaacu..... 1
Gi2_10948559_x2.....gugNgaacacggggugccga..... 1
Gi2_10956509_x2.....gucgugAgaacacggggugc..... 1
Gi3_28251820_x2.....aGgucgugggaacacggggugc..... 1
Gi2_10882223_x2.....gaucggagacgucgugggaacacggU..... 1
Gi2_10990875_x2.....gucNugggaacacggggugccgaacu..... 1
G1a_5918378_x2.....cgugCgaacacggggugccgaacu..... 1
Gi3_28247040_x2.....cAgagacgucgugggaacacggggugccga..... 1
Gi1_4102039_x2.....gugggaacacggggGgcc..... 1
Gi3_28068170_x2.....gacgucgugggaUacggggugccgaacu..... 1
Gi1_4134495_x2.....gaCcgagacgucguggg..... 1
G1a_5969678_x2.....Cgaacacggggugccgaac..... 1
Gi1_4146693_x2.....Aucgugggaacacggggug..... 1
Gi3_27980066_x2cugcgaucggCgacgucg..... 1
Gi5_8725591_x2.....cgucgugggUacacggggugccgaacu..... 1
Gi1_4128049_x2.....ggaacacggggugccgGac..... 1
Gi2_10919175_x2.....gagacgucgugAgaacacggggugc..... 1
Gi2_10956831_x2.....cgucgugggaacacggggAgccga..... 1

Gi1_4157585_x2.....gagacgucgCggaacacggggugccgaacu.....	1
G1a_5939628_x2.....gggaacCggggugccgaacu.....	1
Gi1_4156311_x2.....Agggaacacggggugccgaacu.....	1
Gi5_8749499_x2.....gggaacacggggugccUaacu.....	1
G1a_5914708_x2.....gugggaacacggggugccAaac.....	1
G1a_5877924_x2.....ugggaacacggggGgccgaacu.....	1
Gi3_28145340_x2.....ugggaacacggggugccgaacu.....	0
G1a_5923610_x2.....aucggagacgucguAggaacacggggugcc.....	1
Gi2_10877331_x2.....gucgGgggaacacggggugcc.....	1
Gi2_10854669_x2.....aucggagacgucgugggaaUacggggugcc.....	1
Gi3_28118500_x2.....ucggagacgucgugggaaacacAgggg.....	1
Gi2_10922995_x2.....acgucguAggaacacggggugccgaac.....	1
Gi2_10897301_x2.....cgAagacgucgugggaaacacggggugcc.....	1
G1a_5952608_x2.....aucggagacgucgugggaaacCggggugcc.....	1
Gi2_10919611_x2.....gaacacggggugccGac.....	1
Gi1_4100663_x2..Ucgauccgagacgucgugggaaacacggggugcc.....	1
Gi5_8723941_x2.....gagacgucNugggaacacggggugccgaacu.....	1
Gi3_28048580_x2..gGgauccgagacgucgugggaaacac.....	1
Gi1_4120607_x2.....ucguAggaacacggggugcc.....	1
Gi4_565018_x2.....cgucgugggGacacggggugccga.....	1
Gi2_10870553_x2.....gugggCacacggggugccg.....	1
Gi2_10969407_x2.....acUucgugggaaacacggggugcc.....	1
Gi2_10901283_x2.....aucgAagacgucgugggaaacacggg.....	1
Gi2_10986393_x2.....agacgucgCggaacacggggugc.....	1
Gi3_28187958_x2.....ugggaacacggggugccCaac.....	1
Gi2_10962533_x2.....gagacgucgugggGacacggggugcc.....	1
Gi1_4139175_x2.....acgucgugggaaacacggggCgccgaac.....	1
Gi5_8749845_x2.....gagGcugcugggaaacacggggugcc.....	1
Gi1_4126397_x2..cUaucggagacgucgugggaaacacggggg.....	1
G1a_5928784_x2.....guggCaacacggggugccgaacu.....	1
Gi1_4090129_x2.....gacgucgugggaaacacgggAugcc.....	1
Gi3_28094410_x2.....agacgucgugggaaacacggggGgccgaacu.....	1
Gi2_10977289_x2.....gacgucgugggaaacacggggugccgaCc.....	1
Gi2_10939799_x2.....gacgucgugggGacacgggg.....	1
Gi3_28197248_x2.....gacgucgugggaaUacggggugccgaac.....	1
Gi1_4148643_x2.....cguNgugggaaacacggggugccgaacu.....	1
Gi3_28224952_x2.....agacgCcgugggaaacacggggugccgaac.....	1
Gi2_10837971_x2.....acgucgugggaaacaUggggugcc.....	1
Gi1_4112021_x2.....agacgucgugggaaacacggggugccgU.....	1
G1a_5968046_x2.....aucggagacgucgCggaacacggggugcc.....	1
Gi1_4130177_x2.....Uagacgucgugggaaacacggggugccga.....	1
Gi2_10926605_x2.....gugggaacacggggugGcg.....	1
Gi3_28004490_x2.....gggaacacggCgugccgaac.....	1
Gi1_4106151_x2.....cgugggaaacacggggugccGac.....	1
Gi3_28194714_x2.....gacgucgugggUacacggggugccgaacu.....	1
Gi2_10984277_x2.....cgugggaaacacggggugAcgaac.....	1
Gi1_4121825_x2.....gugggaacacggggugccgaaAuu.....	1

Gi5_8768837_x2.....gugggaacacggggugUc.....	1
Gi1_4092417_x2.....acgAcgugggaacacggggugccgaacu.....	1
Gi3_28187040_x2.....ugggaacacgUggugccg.....	1
Gi2_10934883_x2.....cggagacgucgugggaacacgg.....	0
Gi2_10900583_x2.....gaucggagacgucGggga.....	1
Gi3_28230044_x2.....acgucgugggaacacggggUAccgaac.....	1
Gi1_4142555_x2.....acgucgugggaacacgUggugcc.....	1
Gi2_10940941_x2.....ugAgaacacggggugccgaa.....	1
Gi5_8786021_x2.....guggUaacacggggugcc.....	1
Gi1_4128757_x2.....Aagacgucgugggaacacggggugccgaacu.....	1
Gi2_10876803_x2.....ggagacgucgugggaacacgAgggugc.....	1
Gi5_8770135_x2.....cUgagacgucgugggaacacggg.....	1
Gi1_4132859_x2.ugcgauccggagacgucgu.....	0
Gi1_4150153_x2.....gaGcacggggugccgaac.....	1
Gi1_4141075_x2.....gaucggagacgucgugggaacacggggug.....	0
Gi1_4156279_x2.....Ccgugggaacacggggugccgaac.....	1
Gi5_8807673_x2.....cgugUgaacacggggugccgaacuu.....	1
Gi3_28085854_x2.....cggagacgucgugAgaacacgggg.....	1
Gi1_4090067_x2.....gacgucgugggaacacggggugUcgaacu.....	1
Gi2_10885567_x2.....cggagacgucgugggaGcacgggg.....	1
Gi4_559694_x2.....cgugggaacacgAgggugccgaacu.....	1
Gi3_28186738_x2.....gucgugggaacacgCggugccgaac.....	1
Gi1_4139205_x2.....aucggagacgucgugggaacacggggCgc.....	1
Gi3_28199500_x2.....cgauccggaNacgucgugg.....	1
Gi1_4097397_x2.....ugggaacacggggugccgC.....	1
Gi3_28074076_x2.....ucgugggaacacggggAgc.....	1
G1a_5908106_x2.....Nugggaacacggggugccgaacu.....	1
G1a_5952398_x2.....ugggaacacggggugccga.....	0
Gi2_10946283_x2.....ucgugggaacacUgggugccg.....	1
G1a_5896312_x2.....aucggagacgucguggGcacacgg.....	1
Gi5_8757061_x2.....cgucgugggaacacggggugccgCa.....	1
Gi5_8720715_x2.....gaucggagacgucgugggaGcac.....	1
G1a_5938698_x2.....gugggaacacggggugccgCac.....	1
Gi3_28134156_x2.....gUagacgucgugggaacacggggug.....	1
Gi5_8812281_x2.....cgugUgaacacggggugcc.....	1
Gi5_8747075_x2.....Aaucggagacgucgugggaacacgg.....	1
Gi2_10959045_x2.....cAucgugggaacacggggugccgaa.....	1
Gi2_10976531_x2.....cgugggaaGacggggugccgaac.....	1
Gi5_8794129_x2.....gCcgugggaacacggggugccgaa.....	1
Gi2_10917387_x2.....gucgugggCacacggggugccgaac.....	1
Gi5_8718423_x2.....uggAaacacggggugccgaac.....	1
Gi3_28022922_x2.....cgugggaacaAggggugcc.....	1
G1a_5922106_x2.....guUggaacacggggugcc.....	1
Gi1_4092611_x2.....gucgugggaaUacggggugcc.....	1
Gi1_4138671_x2.....cUgagacgucgugggaacacggggugccgaac.....	1
Gi2_10896331_x2.....gucAugggaacacggggugccgaac.....	1
Gi2_10955833_x2.....ucggGgacgucgugggaacacgggg.....	1

Gi3_28148690_x2.....gagacgucgugggaacCcg..... 1
Gi3_28147940_x2.....acgucgugggaacacAgggugccgaa..... 1
Gi1_4106059_x2....aucggagaNgucgugggaacac..... 1
Gi3_28211088_x2.....agacgucgugggaacacggggugccgUac..... 1
Gi2_10992239_x2.....gaucggGgacgucgugggaac..... 1
Gi2_10858545_x2.....gCgaacacggggugccga..... 1
Gi3_28181102_x2.....Cgagacgucgugggaacacg..... 1
Gi3_28052084_x2.....gagacAucgugggaacacggggugccgaacu..... 1
Gi1_4126579_x2.....cgugggaacacAgggugccgaacuu..... 1
Gi3_28176316_x2.....gagacgucguggAaacacggggugccgaacu..... 1
Gi5_8765133_x2.....ucgugggaacacggggugGcgaacu..... 1
Gi2_10969295_x2....aucggagacgucgugggaacCcg..... 1
Gi2_10925227_x2.....guCggaacacggggugccgaac..... 1
Gi3_28135038_x2.....aUgucgugggaacacggggugccgaa..... 1
Gi2_10908455_x2...gauUggagacgucgugggaacacgggg..... 1
Gi2_10873901_x2....aucggaAacgucgugggaacacg..... 1
Gi1_4149933_x2.....Ggggaacacggggugccgaa..... 1
Gi1_4124125_x2.....cgugggaNacggggugccgaacuu..... 1
Gi2_10990889_x2.....gacgucgCgggaacacggggg..... 1
Gi2_10967795_x2....aucggagacgucguggCaacacggggg..... 1
Gi5_8719899_x2....Gucggagacgucgugggaaca..... 1
Gi3_28068040_x2....gaucggagCcgucgugggaacacggg..... 1
Gi1_4120099_x2.....gaacacggggugccgaaGu..... 1
Gi3_28133388_x2.....gucgugggaacacggggCgc..... 1
Gi1_4118541_x2.....cgugggaacacggggGuccgaacu..... 1
Gi1_4132777_x2.....ucgugggaacacgAggugccgaac..... 1
Gi2_10970081_x2.....gacgucgugAgaacacggggugcc..... 1
Gi3_28243518_x2.....aUacgucgugggaacacgggg..... 1
Gi3_28064918_x2....cgAagacgucgugggaacacg..... 1
Gi1_4096423_x2.....gugggaacacggggugccCaacu..... 1
Gi2_10976041_x2...gaucggagacgucguggAaacac..... 1
Gi3_28233724_x2.....acgucgugggGacacggggugccga..... 1
Gi3_28055120_x2....Caucggagacgucgugggaaca..... 1
Gi1_4123699_x2.....cgugggaacacggggGuAccg..... 1
Gi2_10846387_x2.....cggagacgucgugggaacacggggCg..... 1
Gi2_10857817_x2...gaucggagacgucguAgggaacacgggggug..... 1
Gi3_28029820_x2.....cggagGcgucgugggaacacg..... 1
G1a_5896378_x2...cgaucggagacgCcgugg..... 1
Gi3_28066582_x2.....Agagacgucgugggaaca..... 1
Gi3_28202132_x2....aucggagCcgucgugggaacac..... 1
Gi2_10831719_x2.....agacgucgugAgaacacggggugcc..... 1
Gi3_28100736_x2.....gagacgucgAgggaacac..... 1
Gi2_10989061_x2.....gagacgucgugggaacGcggggugccg..... 1
G1a_5950380_x2.....aacacggggugccUaacu..... 1
Gi3_28074980_x2.....cguAgugggaacacggggugcc..... 1
Gi3_28227338_x2.....cgucgugggaacacggggGuAccga..... 1
Gi2_10907903_x2.....ggagGcgucgugggaacacg..... 1

Gi3_28150550_x2.....agacgucgCgggaacacggggugcc..... 1
 Gi4_553760_x2.....cgugggaacacggggugccgaacA..... 1
 Gi5_8780973_x2.....gAgggaacacggggugccgaacu..... 1
 Gi2_10829211_x2.....gucgugggaacacUgggugccgaacu..... 1
 G1a_5938540_x2.....ucgugggaNcacggggugccgaac..... 1
 G1a_5912624_x2.....Caucggagacgucguggga..... 1
 Gi3_28198522_x2.....cggagacgucgCgggaacacgggg..... 1
 Gi3_28167592_x2.....agacgucgugggaacacgggAugccgaacu..... 1
 Gi3_28160022_x2.....gucguggAaacacggggugccga..... 1
 Gi3_28208054_x2.....gUucggagacgucgugggaacacggggugc..... 1
 Gi3_28023034_x2.....acgucgugggaacacggggugUcgaac..... 1
 Gi5_8802721_x2.....Gcacggggugccgaacu..... 1
 Gi5_8826279_x2.....gugggaacacgggAugccgaac..... 1
 Gi1_4103511_x2.....cggagacgucgugggaacacgCg..... 1
 Gi1_4153625_x2.....gugggaacacggggugccgaGu..... 1
 Gi2_10889919_x2.....ucggagacgucguAggaaca..... 1
 Gi3_28036428_x2.....gugggaacNcggggugccgaacu..... 1
 Gi2_10960601_x2.....aucggagacgucgugggaacacgggguA..... 1
 Gi3_28014834_x2.....cggagacgucgugggCacacggggg..... 1
 Gi1_4132923_x2.....ggaacacggggGgccgaac..... 1
 Gi1_4131425_x2.....cCucgugggaacacggggugcc..... 1
 Gi2_10878065_x2.....cgugggaacacgUggugccg..... 1
 Gi2_10961669_x2.....Aucgugggaacacggggugccg..... 1
 Gi2_10921533_x2.....ugggaacacAgggugccgaa..... 1
 Gi3_28126384_x2.....aucggagacgucgugggaUcacgg..... 1
 Gi1_4151351_x2.....Ggugggaacacggggugcc..... 1
 Gi4_557642_x2.....aucggagacgucgugggaacacggggugcA..... 1
 Gi3_28002992_x2.....Ncugggaacacggggugccgaac..... 1
 Gi1_4130611_x2.....cgucgugggaGcacggggugcc..... 1
 Gi2_10842315_x2.....cgugggaacacggggugAcg..... 1
 Gi3_28222754_x2.....aucggagacgAcgugggaacacgggg..... 1
 Gi3_28054754_x2.....ucggagacgucgugggGacacggggugcc..... 1
 Gi3_28183748_x2.....ucgCgggaacacggggugccgaa..... 1
 Gi5_8812499_x2.....guAggaacacggggugccgaa..... 1
 Gi3_28028284_x2.....aucggagacgucguCggaacacg..... 1
 Gi5_8718899_x2.....ggagGcgucgugggaacacggggugccgaacu..... 1
 Gi5_8730531_x2.....cgugggaacacggggugccgC..... 1
 Gi1_4113107_x2.....aucggagCcgucgugggaacacg..... 1
 Gi5_8752233_x2.....cgucUugggaacacggggugc..... 1
 Gi3_28253040_x2.....aucggagacgucguggAaacacg..... 1
 Gi1_4121999_x2.....gggaacacggggugccgU..... 1
 Gi3_28049886_x2.....cggagacguAgugggaacacggggg..... 1
 Gi3_28098884_x2.....gaucggagacgucAugggaacacg..... 1
 Gi3_27995456_x2.....cgaucggagacgucgugggCacacg..... 1
 Gi3_28077936_x2.....cAgagacgucgugggaacacggg..... 1
 Gi3_28049248_x2.....gaucggagacgucAugggaacacg..... 1
 Gi3_28019934_x2.....aucggaAacgucgugggaacacgggg..... 1

Gi3_28164938_x2.....gacgucAugggaacacggggu..... 1
Gi2_10874763_x2.....agacgucgugggaCcacgggugccgaacu..... 1
Gi2_10912911_x2.....ugggaacacggggCgccga..... 1
Gi5_8773353_x2.....Ugugggaacacggggugcc..... 1
Gi2_10925553_x2.....gagacgucgugggaacac..... 0
Gi4_557216_x2.....gugggGacacggggugccgaa..... 1
Gi2_10845181_x2.....cgugggaacaUggggugc..... 1
Gi3_27995884_x2.....gaacUcggggugccgaac..... 1
Gi1_4115813_x2.....gggaaAacggggugccgaacu..... 1
Gi1_4138001_x2.....aucggagacgucgugggaaUacggggugcc..... 1
Gi2_10916001_x2.....gaucggagacgucAugggaacac..... 1
Gi3_28017160_x2.....ggagacgucgugggaacacggggAgcc..... 1
Gi2_10946067_x2.....aucggagacUucgugggaacacggggugcc..... 1
Gi2_10877347_x2.....cgucgugggaGcacggggug..... 1
Gi1_4120539_x2.....gGucggagacgucguggg..... 1
Gi2_10843689_x2.....cgucgugggaacacAgggugcc..... 1
Gi5_8743073_x2.....cgucgugggaacacggggugAcgaacu..... 1
Gi3_28059268_x2.....acgucgugggaacacggggCgc..... 1
Gi3_28258036_x2.....gucgugggaaAacggggugccga..... 1
Gi5_8783353_x2.....gggaacacggggUaccgaac..... 1
Gi3_28070634_x2.....gggaacacggggugccgaU..... 1
Gi3_28185946_x2.....cgaucggagGcugcugggg..... 1
Gi1_4132683_x2.....aCcgagacgucgugggaacacgg..... 1
Gi3_28127186_x2.....ggagacgCcgugggaacacggggugcc..... 1
G1a_5980070_x2.....gaucggagacgucgugggaacGcggggu..... 1
G1a_5879238_x2.....gggaacacggAgugccgaacu..... 1
Gi3_28017780_x2.....acgucgugggaacaUggggugcc..... 1
Gi5_8818889_x2.....aucggagacgucgugggaCcacggggugcc..... 1
Gi3_28043342_x2.....aucggagacgucgugggCcacgggg..... 1
G1a_5911814_x2.....gggNacacggggugccgaacu..... 1
Gi3_28130550_x2.....gaaNacggggugccgaac..... 1
Gi5_8808935_x2.....aucgUagacgucgugggaacacgg..... 1
Gi3_28185294_x2.....gUcugcugugggaacacgg..... 1
Gi2_10912177_x2.....cgucgugggaacGcggggugccgaac..... 1
Gi3_28227174_x2.....ggagacgucAugggaacacg..... 1
Gi3_28169928_x2.....gaucggagaUgucguggg..... 1
Gi3_28187906_x2.....gacgucgugggaacCcggg..... 1
Gi2_10836367_x2.....ucggagacgucgugggaGcacggggugc..... 1
Gi3_28133770_x2.....ggUgacgucgugggaaca..... 1
Gi3_28011902_x2.....gaUacgucgugggaacacggggugccgaacu..... 1
Gi3_28096346_x2.....cgaucggagacgucgugggGacacgg..... 1
Gi4_561452_x2.....acgucgugggaacacggggugccgaaAu..... 1
Gi3_28174772_x2.....gacgucgugggaacacggggugcAgaac..... 1
Gi2_10981223_x2.....gugggaacacCggggugccgaac..... 1
Gi5_8718839_x2.....ucgugCgaacacggggugccgaacu..... 1
Gi2_10909523_x2.....gucgugggaacacAgggugc..... 1
Gi5_8745129_x2.....agacgucgugggaacacggggugccgaacG..... 1

G1a_5952064_x2.....gaUcacggggugccgaacu..... 1
 G1a_5892716_x2....aAcggagacgucgugggaacacggggugcc..... 1
 Gi3_28233948_x2....gaucggagacguUgugggaacacgggggu..... 1
 Gi2_10890059_x2.....acgucgugggaaAacggggugccgaacu..... 1
 Gi4_554166_x2.....uGgugggaacacggggugccgaacu..... 1
 Gi5_8780103_x2.....cgugggGacacggggugccga..... 1
 Gi1_4105997_x2....aucggagGcgucgugggaacacg..... 1
 Gi3_28152780_x2.....acgucgugggaacacgggAugccgaac..... 1
 Gi3_28032586_x2.....gggaacaGggggugccgaacu..... 1
 Gi2_10944583_x2.....cgugggaaUacggggugcc..... 1
 Gi1_4144103_x2.....cgugggaacacggggGgcccga..... 1
 Gi2_10987353_x2....ucggagacgucgugggGacacggggugcc..... 1
 Gi3_28111116_x2....gaucggagacgucgugggCaca..... 1
 Gi2_10951523_x2.....acgucgugggaacCcggggu..... 1
 Gi3_28210908_x2.....cgugggaacacggggUccga..... 1
 Gi5_8764251_x2.....gucUugggaacacggggugccgaacu..... 1
 Gi5_8797871_x2.....Gggagacgucgugggaacacggg..... 1
 G1a_5883136_x2.....guggUaacacggggugccga..... 1
 Gi3_28156114_x2.....cgGcgugggaacacggggugccgaa..... 1
 G1a_5905578_x2.....cUugggaacacggggugccgaac..... 1
 Gi2_10833741_x2.....ggagacguUgugggaacacggggug..... 1
 Gi2_10933493_x2.....gugggaacacUgggugccgaac..... 1
 Gi2_10916439_x2.....ugggaacacAgggugccg..... 1
 Gi1_4152849_x2.....guggUaacacggggugccga..... 1
 Gi2_10941265_x2.....cgucgugggaacCcgggg..... 1
 Gi2_10840855_x2....aucggagacgucgugggaacacggggugcU..... 1
 Gi1_4091761_x2.....gucgugggaacaUggggugcc..... 1
 Gi5_8796889_x2.....cgucgugggaacacUgggugccgaacu..... 1
 Gi3_28237556_x2.....cggagacgucgugggaacCcgggg..... 1
 G1a_5888844_x2.....ggaacacgggAugccgaacu..... 1
 Gi3_28051548_x2....ucggagacgucgugggaacGcg..... 1
 Gi5_8765195_x2.....ucgugggaacacggggUaccgaac..... 1
 Gi2_10988925_x2.....gagacgucGgggaacacggggugccgaacu..... 1
 G1a_5975062_x2....gaCcgagacgucguggg..... 1
 Gi3_28008610_x2.....gagacgucgugCgaacacggggugccg..... 1
 Gi2_10843303_x2....aucggagacgucgugggaaAa..... 1
 Gi2_10940573_x2.....cgugggaacacgUggugccgaa..... 1
 Gi1_4156795_x2.....ucgugggaacacUgggugccgaac..... 1
 Gi1_4095909_x2.....cgugggaacacggggugccgaUc..... 1
 Gi1_4140475_x2.....cgugggaacacgAggugccgaa..... 1
 Gi4_566234_x2....gaucggagacgucgugggaa..... 0
 Gi5_8733227_x2.....Aagacgucgugggaacacggggugccgaacu..... 1
 Gi2_10979865_x2....aucNgagacgucgugggaaca..... 1
 Gi2_10902581_x2.....ucgugggaacacggggGgccc..... 1
 Gi2_10870177_x2....aucggGgacgucgugggaacacggggugccgaacu..... 1
 Gi3_28062110_x2....aucggagacgucgugUgaacacggg..... 1
 Gi3_28211394_x2....ucggCgacgucgugggaacacg..... 1

Gi3_28219220_x2...Aaucggagacgucgugggaaacacggggugcc..... 1
 Gi2_10982137_x2...cgaucggagacgucgugggacacacggg..... 1
 Gi2_10970827_x2...Ggaucggagacgucgugggaaacacg..... 1
 Gi2_10992217_x2...aucggagacgucgAgggaacacggggugc..... 1
 G1a_5891532_x2.....ugggUacacggggugccgaacu..... 1
 Gi5_8784403_x2.....cgugggaaacacggggugccAa..... 1
 Gi2_10875665_x2...gaucggagacgucgugggaaUac..... 1
 G1a_5965470_x2...Aaucggagacgucgugggaaacac..... 1
 Gi3_28119844_x2...auAggagacgucgugggaaacacggggugcc..... 1
 Gi3_28004550_x2.....gucgugggaaacacAgggugc..... 1
 Gi1_4094233_x2.....gucgugggaaacacggggGg..... 1
 Gi2_10876505_x2...uGggagacgucgugggaaacacggggg..... 1
 Gi2_10933579_x2...gaucggagacgucgugggaaacaUg..... 1
 Gi3_28221606_x2.....Aucgugggaaacacggggugccgaa..... 1
 Gi2_10990049_x2.....ucgugggCacacggggugccgaac..... 1
 Gi2_10862737_x2.....gagacguUgugggaaacacggggug..... 1
 Gi5_8820373_x2.....cgAgggaacacggggugc..... 1
 Gi2_10935719_x2...ggagacgucgugggaaacacgUggugc..... 1
 Gi3_28008462_x2.....Cagacgucgugggaaacacg..... 1
 G1a_5914404_x2.....aacacggggCgccgaacu..... 1
 Gi5_8725151_x2.....uUggaacacggggugccga..... 1
 Gi2_10865109_x2...ggagacgucgugggaaacacgggggAcc..... 1
 Gi5_8723707_x2.....gugggaaacaUggggugccgaa..... 1
 Gi2_10986085_x2.....Ngaacacggggugccgaac..... 1
 Gi5_8724907_x2...aucggagacgucguAggaacacggggugc..... 1
 Gi3_28243380_x2...agacgucgAgggaacacggggugccgaacu..... 1
 Gi5_8781473_x2.....gaacacggggCgccgaac..... 1
 Gi2_10889157_x2.ugUgaucggagacgucgugggaa..... 1
 Gi3_28054164_x2.....gugggaaacaGggggugccgaa..... 1
 G1a_5911524_x2.....Cugggaaacacggggugccgaac..... 1
 Gi3_27994090_x2.....gacgucgugggGacacgg..... 1
 Gi5_8786763_x2...Cucggagacgucgugggaaacacg..... 1
 Gi5_8775277_x2.....cgugggaaUacggggugccgaac..... 1
 Gi3_28227286_x2...gaucggagNcgucgugggaaacacgg..... 1
 Gi5_8811299_x2.....ucgGggaaacacggggugccgaac..... 1
 Gi1_4157221_x2.....gGgacgucgugggaaacacggggugccga..... 1
 Gi5_8814825_x2.....guAgugggaaacacggggugccgaacu..... 1
 Gi3_28248462_x2.....ggagacguNgugggaaaca..... 1
 G1a_5954882_x2.....gucgugggaaacacggggGgccgaacu..... 1
 Gi1_4100263_x2.....gugggaaacCggggugccgaac..... 1
 Gi4_562910_x2.....cgugggaaacacggggugc..... 0
 G1a_5883766_x2...aucggagacgucgugggaaacCcggg..... 1
 Gi5_8731191_x2.....aacacggggCccgaacu..... 1
 G1a_5938504_x2.....cgugggaaacCggggugc..... 1
 Gi3_28088352_x2...gGcgugggaaacacggggugccgaacuu..... 1
 G1a_5925322_x2.....ggaacacggAgugccgaacu..... 1
 Gi4_554044_x2.....gucgugggNacacggggugccgaacu..... 1

Gi1_4133543_x2.....gggaUcacggggugccgaacu..... 1
 Gi5_8751919_x2.....gucguggaacaacggggGgccgaac..... 1
 Gi2_10947361_x2.....ggagacgucgAgggaacac..... 1
 Gi5_8829071_x2.....gGcgugggaacaacggggugccgaa..... 1
 Gi2_10858699_x2.....ggagacgucguggaacaacggggugcA..... 1
 Gi3_28257812_x2.....acgucgugggaacCcggggugccgaa..... 1
 Gl1a_5939666_x2.....aucggagaNgucguggaacaacggggugcc..... 1
 Gi2_10908593_x2.....ucguggaNcacggggugcc..... 1
 Gi2_10848809_x2.....cgUucggagacgucgugga..... 1
 Gl1a_5902340_x2.....cgucguggaacaacggggGgccgaacu..... 1
 Gi3_28209402_x2.....aucggagacgucgugAgaacaacggggugc..... 1
 Gi5_8802515_x2.....ucguggaacaacggggugccgaa..... 0
 Gl1a_5927080_x2.....guggaacaacgggCugccgaacu..... 1
 Gi1_4135611_x2.....cguggaacaacggggugccgaU..... 1
 Gi3_28124784_x2.....gagacgucguggaGcacggggugccgaacu..... 1
 Gi1_4153443_x2.....ggGgacgucguggaacaacggggugcc..... 1
 Gl1a_5949266_x2.....gaucUgagacgucguggaacaacggggg..... 1
 Gi2_10835597_x2.....cAugggaacaacggggugccga..... 1
 Gi5_8735085_x2.....cgucguggaacaGggggugccgaacu..... 1
 Gi2_10907027_x2.....gacgucguggaCcacggggugccg..... 1
 Gi3_28120730_x2.....gacgucguggaacaacggggC..... 1
 Gi3_28047534_x2.....Nugggaacaacggggugccgaa..... 1
 Gi4_559224_x2.....guUggaacaacggggugccgaac..... 1
 Gi2_10971685_x2.....cgucguggaacaacggggugAC..... 1
 Gi2_10834125_x2.....gggaacaacggggAgccgaac..... 1
 Gi5_8817015_x2.....cgaucggagacgCcuguggaacaacgggg..... 1
 Gi2_10833139_x2.....guggaacaacggggAgccg..... 1
 Gi3_28074714_x2.....cggagacgucguggaacaacggggAgcc..... 1
 Gi2_10984453_x2.....gaucggagaUgucguggaacaacgggg..... 1
 Gi2_10864347_x2.....cguggaacaAggggugcc..... 1
 Gi3_28178040_x2.....aacacggggugccgaUuu..... 1
 Gl1a_5940748_x2.....ggaUcacggggugccgaacu..... 1
 Gi2_10954955_x2.....gacgucguggaacaacggggugccA..... 1
 Gi5_8826595_x2.....ucguggaacaacggggCugccgaacu..... 1
 Gi3_28152540_x2.....aucggagacCucguggaacaacg..... 1
 Gi2_10883697_x2.....cgugCgaacaacggggugccgaac..... 1
 Gi2_10965165_x2.....aucggUgacgucguggaacaacggggug..... 1
 Gi1_4144693_x2.....ucguggaNcacggggugc..... 1
 Gi2_10828759_x2.....aucggagacgucgGgggaacac..... 1
 Gi2_10941961_x2.....ggagaUgucguggaacaacggggugcc..... 1
 Gi3_28208218_x2.....ggagacguNguggaacaacg..... 1
 Gi3_28099774_x2.....aacacggggugcUgaacuu..... 1
 Gi1_4090317_x2.....ggaacaacggggugcAgaacu..... 1
 Gi2_10986087_x2.....cggagacgucgugAgaacaacggggugc..... 1
 Gi5_8828787_x2.....ucggagacgCcuguggaacaacg..... 1
 Gi2_10920821_x2.....gagacguAguggaacaacggggug..... 1
 Gi2_10943989_x2.....agacgucguggaacaacggggugccgaacG..... 1

Gi3_28104536_x2.....cgucgugggaacacggggugGcg.....	1
Gi3_28118672_x2.....Ugaacacggggugccgaacuu.....	1
Gi3_28031476_x2....aucggagacgucgCgggaacac.....	1
Gi2_10974941_x2.....Uacgucgugggaacacggggugccga.....	1
Gi3_28157692_x2.....Gggagacgucgugggaacacggggugc.....	1
Gi2_10886539_x2.....ggaacacggggugccgaaGu.....	1
Gi1a_5926380_x2..gcgaucggagacgCcgug.....	1
Gi3_28222854_x2.....uggUaacacggggugccgaa.....	1
Gi5_8828939_x2.....cgugggaacacggAgugccgaac.....	1
Gi2_10887913_x2.....ucgugggaacaUggggugccgaac.....	1
Gi3_28083378_x2.....acgucgugggaacCgggg.....	1
Gi2_10890049_x2.....cgucgugggaacacggggugA.....	1
Gi5_8781563_x2.....gggaaUacggggugccgaac.....	1
Gi2_10851067_x2....aucggagacgucgugggaCcacgggg.....	1
Gi5_8825989_x2.....cgCgggaacacggggugc.....	1
Gi1a_5977764_x2.....cgugggGacacggggugcc.....	1
Gi3_28024012_x2....auAggagacgucguggga.....	1
Gi3_28175568_x2....gaucggagacgucgugggUacacggg.....	1
Gi3_28045830_x2....aucggagacgucguCggaacacggggugc.....	1
Gi5_8799679_x2.....cgugAgaacacggggugcc.....	1
Gi3_28205208_x2...cgaucggagacgucguggAaacacg.....	1
Gi2_10980431_x2.....gacgucgugggaCcacggggugccgaac.....	1
Gi2_10982853_x2.....Ccgagacgucgugggaacacggggugc.....	1
Gi2_10926347_x2.....ggaAacgucgugggaacacggggugc.....	1
Gi5_8800295_x2.....gugggaGcacggggugccgaa.....	1
Gi2_10982243_x2....aucggagacgucgugAgaacacggggu.....	1
Gi3_28194944_x2.....acgucguggCaacacggggugccgaacu.....	1
Gi4_564580_x2.....Ccgugggaacacggggugccgaacu.....	1
Gi4_566686_x2...gaucggagacgucgugggaacacgggggu.....	0
Gi1a_5915572_x2.....gugggaacacgUggugccga.....	1
Gi5_8828711_x2....Aaucggagacgucgugggaacacg.....	1
Gi3_28217294_x2....aucggagacguUguggga.....	1
Gi1_4146097_x2.....ggaacacggggugccgUac.....	1
Gi1_4153651_x2.....gggaacGcggggugccgaacuu.....	1
Gi3_28146750_x2.....ggUgacgucgugggaacacgggg.....	1
Gi2_10873739_x2....gaucAgagacgucguggga.....	1
Gi3_28147950_x2.....ucgugggaacGcggggugccga.....	1
Gi3_27994086_x2....aucggagacgucgugggaacacggggCu.....	1
Gi2_10957883_x2.....acgucgugggaacUcggggugcc.....	1
Gi5_8817341_x2.....ucgugggGacacggggugccgaac.....	1
Gi3_27995778_x2.....cggagacgucguAggaacacggggu.....	1
Gi3_27985100_x2.....cggauacgucgugggaacacgggg.....	1
Gi3_28169172_x2.....gCagacgucgugggaacacg.....	1
Gi3_28182410_x2.....ucgugggaacacAgggugccg.....	1
Gi3_28260340_x2....gaucggCgacgucgugggaacacgg.....	1
Gi2_10841581_x2.....gacgucgugggaacacggggugcUgaacu.....	1
Gi3_28187808_x2.....cgucgCgggaacacggggugc.....	1

G1a_5889564_x2.....ggaacacgCggugccgaacu..... 1
 G1a_5926824_x2.....cguggaacacgUggugccgaacu..... 1
 G11_4131065_x2.....gucguggaacCcggggug..... 1
 G13_28017500_x2.....ugggaUcacggggugccgaa..... 1
 G12_10854111_x2.....gacgucguggaacacggggguAc..... 1
 G13_28213278_x2.....cguggaacacggUgugcc..... 1
 G15_8759569_x2.....cguggaacacggggugcAgaac..... 1
 G12_10832885_x2.....cggagacAucguggaacacggggugccgaacu..... 1
 G15_8801525_x2.....aGgucguggaacacggggugccgaac..... 1
 G12_10911365_x2.....ggagacgucguggaacCcacggggugc..... 1
 G13_28158862_x2.....gacgucguggaacacggggugAcgaacu..... 1
 G11_4134563_x2.....agacUucguggaacacggg..... 1
 G13_28004736_x2.....gucAugggaacacggggugcc..... 1
 G13_28146398_x2.....aucggagacguAguggaacacggggugcc..... 1
 G11_4100571_x2.....ucguggAaacacggggugccgaac..... 1
 G13_28126836_x2.....ucguggaacCcgggggugcc..... 1
 G12_10959435_x2.....aucgAagacgucguggaacacggggg..... 1
 G13_28224928_x2.....ucguggaacacggggugccUaac..... 1
 G15_8719597_x2.....acgucguggaacacggggCgccc..... 1
 G11_4092871_x2.....cgucguggaacacgggAugcc..... 1
 G13_28112914_x2.....gacgucguggaacacAgggu..... 1
 G13_27994538_x2.....Cagacgucguggaacacggggugccgaac..... 1
 G12_10983665_x2.....gaucggagacgucguggaacacggggA..... 1
 G15_8746537_x2.....guggaacUggggugccga..... 1
 G15_8745701_x2.....uggaacacggggugcAga..... 1
 G12_10950651_x2.....ucggagacgucguggaacGcggg..... 1
 G12_10959471_x2.....cgucguggaacCcggggugc..... 1
 G13_27986222_x2.....acgucguggaacGcggggugccga..... 1
 G12_10882901_x2.....gugggCacacggggugccga..... 1
 G11_4117609_x2.....guggaacNcggggugccgaacu..... 1
 G13_28140822_x2.....cgucguggaacGggggugccgaacu..... 1
 G11_4104005_x2.....ucguggaacGcggggugcc..... 1
 G12_10902565_x2.....agGcucguggaacacggggugccg..... 1
 G13_27997362_x2.....cggagacgucguggaacCcggggugc..... 1
 G11_4121533_x2.....gacgucguggaacacggg..... 0
 G15_8800859_x2.....gacgucguggaacacggggugccgaGcu..... 1
 G11_4153173_x2.....ggagacgucguggaacacggggU..... 1
 G13_28189456_x2.....cggagacgucguggaacacgg..... 1
 G12_10925115_x2.....gggaacacggCgugccgaac..... 1
 G11_4125181_x2.....gaucggagacgucguggaacacggggU..... 1
 G12_10945567_x2.....gaucggagGcucguggaacac..... 1
 G13_28140090_x2.....aucggagacguGguggaacacggg..... 1
 G11_4156167_x2.....acgucguggaacacggAgugcc..... 1
 G13_28034168_x2.....gaucggagacgucguggAaacac..... 1
 G12_10832027_x2.....guggaacacggggugcG..... 1
 G13_28027504_x2.....aucggagacAucguggaacacgggg..... 1
 G13_28107132_x2.....aucggagacgucguggaacacggggUacc..... 1

Gi2_10975245_x2.....agUcgucgugggaacacggggugccgaac..... 1
 Gi1_4144995_x2.....uggaacacggggugAcgaac..... 1
 Gi1_4135067_x2.....gucgugggaacacggggugccgaCc..... 1
 Gi5_8817981_x2.....gugggaacaUggggugccg..... 1
 Gi2_10984723_x2.....gagacgucgugUaacacggggugcc..... 1
 Gi3_28151552_x2.....cggagaUgucgugggaacacggggugcc..... 1
 Gi2_10849697_x2.....cggagacgucgugggCacacggggugcc..... 1
 Gi3_28011654_x2.....cgugggaacacggggugccCa..... 1
 Gi3_28250256_x2.....ggaacacggCgugccgaac..... 1
 Gi2_10890807_x2.....ucggagacgCcgugggaacacggggugccga..... 1
 Gi1_4153833_x2.....gacgucguggCaacacggggugccgaac..... 1
 Gi1_4151531_x2.....gacgucgugggaacacggggugcAgaacu..... 1
 Gi3_28106058_x2.....gaucggagacgucgugggaacacggggCgcc..... 1
 Gi2_10902313_x2.....gcgaucggNgacgucgugggaacac..... 1
 Gi3_28058028_x2.....gaacacggggugccgaaU..... 1
 Gi3_28185116_x2.....ucgGgggaacacggggugccga..... 1
 Gi3_27996056_x2.....Aagacgucgugggaacacggggugccg..... 1
 Gi3_28204440_x2.....agacgucgugggaacacggggUaccgaacu..... 1
 Gi3_28002284_x2.....gucgugggaacacggggugccCaac..... 1
 Gi2_10896905_x2.....gaacacggggUcccgaacu..... 1
 Gi3_28025412_x2.....cgucgugggaacacgAgg..... 1
 Gi3_28027472_x2.....Cucggagacgucgugggaacacggggugcc..... 1
 Gi3_28079012_x2.....agacgucgugggaacacgAggugccgaac..... 1
 Gl1_5927938_x2.....gggUacacggggugccgaacu..... 1
 Gi2_10899175_x2.....gucgugggaacacggggCgccga..... 1
 Gi2_10908451_x2.....ggaacacggggugccCaac..... 1
 Gi1_4123717_x2.....cgucgugggaacacgggAugccgaacu..... 1
 Gi2_10978789_x2.....aacacUgggugccgaacu..... 1
 Gi3_28049686_x2.....gggaacacggggugccgaGcuu..... 1
 Gi3_28260530_x2.....aucggagacgucguggAa..... 1
 Gl1_5940784_x2.....GcgucgugggaacacggggU..... 1
 Gi2_10896197_x2.....gucgugggNacacggggugccg..... 1
 Gi3_28142652_x2.....aucggagacguAgugggaacacggggU..... 1
 Gi1_4113657_x2.....acgucgugggaacacggggGgccg..... 1
 Gi2_10876257_x2.....gaucggagacgucgugggaUacggggug..... 1
 Gi2_10956395_x2.....acgucgugAgaacacggggugcc..... 1
 Gi5_8819157_x2.....ucggGgacgucgugggaacacg..... 1
 Gi3_28061692_x2.....gacgucgugggaacacggggugccgaCcu..... 1
 Gi3_28127928_x2.....cggagacgucgugggaacacgggAu..... 1
 Gi2_10918505_x2.....gagacgucgugggaacacggggugccgaa..... 0
 Gl1_5900050_x2.....Gucggagacgucgugggaacacg..... 1
 Gi2_10869059_x2.....cgUagacgucgugggaacacggggU..... 1
 Gi3_28138966_x2.....aucggagacguUgugggaacacg..... 1
 Gi1_4143943_x2.....uggaacacggggugccgaaGu..... 1
 Gi1_4153685_x2.....gugggaGcacggggugccgaac..... 1
 Gi2_10978599_x2.....Ugagacgucgugggaacacggggugccga..... 1
 Gi1_4132021_x2.....ggaacacggggugccgaaAu..... 1

Gi1_4117193_x2.....ucgugggaacacggggugcA..... 1
 Gi2_10844929_x2.....aucggagacgucgugggaacacgAggug..... 1
 Gi1_4149651_x2.....aCacgucgugggaacacggggugcc..... 1
 Gi1_4139789_x2.....ugggaCcacggggugccgaac..... 1
 Gi2_10931209_x2....gaucggagacgucgugggUacacggggg..... 1
 Gi3_27994840_x2Augcgauccggagacgucg..... 1
 Gi3_28160886_x2.....cggagacgucgugggGacacggggugcc..... 1
 Gi1_4146839_x2....gaucggagacgucgugggaacacggggugcc..... 0
 Gi5_8736693_x2.....cgucgugggaacacggggGgcccgaacu..... 1
 Gi2_10871215_x2....aucggagacgCcgugggaacacgggg..... 1
 Gi5_8774751_x2.....cgucUugggaacacggggugccgaac..... 1
 Gi5_8736743_x2.....uGgugggaacacggggugcc..... 1
 Gi2_10947627_x2....gaucggagacgucAugggaacacggggg..... 1
 Gi5_8769845_x2....cggagacgucgugggaaAacggg..... 1
 Gi3_28131848_x2.....Caacacggggugccgaacu..... 1
 Gi3_28156956_x2.....cguggCaacacggggugcc..... 1
 Gi5_8770309_x2....Gucggagacgucgugggaacac..... 1
 Gi3_28186522_x2.....gggaacacggCgugccgaacu..... 1
 Gi3_28184774_x2....aucggagacgucUugggaacacggggugcc..... 1
 Gi5_8771611_x2....ggagacgucgugggaacacggggugccgaacA..... 1
 Gi1_4150617_x2....ucggCgacgucgugggaacacggggg..... 1
 Gi3_27989112_x2....gAcgugggaacacggggugccga..... 1
 Gi5_8728983_x2....gUagacgucgugggaacacggggugccgaacu..... 1
 Gi2_10855121_x2....ggagacgucgugggaaUacggggugcc..... 1
 Gi1_4143291_x2....aucAgagacgucgugggaacacggggg..... 1
 Gi1_4090011_x2....aGcggagacgucgugggaac..... 1
 Gi3_28160214_x2....aucggGgacgucgugggaacacggggugccgaac..... 1
 Gi1_4137813_x2....cgucgAgggaacacggggugccgaac..... 1
 Gi3_28158442_x2....agacgucgugggaacacggggAgcc..... 1
 Gi1_4151537_x2....gugggaacCcggggugccgaacu..... 1
 Gi3_28204130_x2....gucgugggaacCcggggugc..... 1
 Gi3_28130048_x2....gucgugggaacacgAggugcc..... 1
 Gi5_8727377_x2....aucggagaNgucgugggaacacgggg..... 1
 Gi2_10865487_x2....gucgugggaacacggggugAcg..... 1
 Gl1a_5964546_x2....cguAgggaacacggggugccgaacu..... 1
 Gl1a_5964494_x2....Cacacggggugccgaacu..... 1
 Gi3_28114438_x2....aucggagacgucCugggaacacgggg..... 1
 Gl1a_5878350_x2....auUggagacgucgugggaacacg..... 1
 Gi3_28141660_x2....Agaucggagacgucgugggaacacggg..... 1
 Gi1_4119585_x2....cgAagacgucgugggaacacggggugcc..... 1
 Gi5_8788643_x2....gaacacgggUugccgaacu..... 1
 Gi1_4118895_x2....acgucgugggaacacggg..... 0
 Gi3_28232438_x2....ucggagacgucgugggaGcacgg..... 1
 Gi1_4153155_x2....agacgucgugggaacGcggggugccgaacu..... 1
 Gi1_4095367_x2....gugggaacacggggugUcgaaac..... 1
 Gi2_10963525_x2....cggagacgucgugggaacGcggggugc..... 1
 Gi3_28244206_x2....gucgugggaAacggggg..... 1

Gi2_10892095_x2.....acgucgugggaacacggAgugccgaac..... 1
 Gi5_8827979_x2.....Gggaacacgggugccga..... 1
 Gi1_4158531_x2.....gggaacacgUggugccgaacu..... 1
 Gl1a_5925776_x2.....gGgacgucgugggaacacg..... 1
 Gi3_28083722_x2.....gagacgCcgugggaacacggggugc..... 1
 Gi3_28167826_x2.....ggagacgucgugggGacacgg..... 1
 Gi2_10989931_x2.....Cugggaacacggggugccgaacuu..... 1
 Gi2_10916195_x2.....acgucgugggaacaUggggugccg..... 1
 Gi1_4121037_x2.....gaaGacggggugccgaacu..... 1
 Gi1_4121709_x2.....gugggaGcacggggugccgaacuu..... 1
 Gi2_10900101_x2.....gaucggagacgucguAggaacac..... 1
 Gi1_4135219_x2.....aCcgagacgucgugggaacacggggugcc..... 1
 Gi5_8766741_x2.....ucAugggaacacggggugccgaac..... 1
 Gi5_8772941_x2.....gucgugCgaacacggggugccgaacu..... 1
 Gi3_28211198_x2.....cAaucggagacgucgugggaacacg..... 1
 Gi2_10863967_x2.....ggaacacggggCgccgaa..... 1
 Gi5_8780207_x2.....cgucgGgggaacacggggugccgaac..... 1
 Gi3_28259664_x2.....gaucggagacgucgugggaacacggggCgc..... 1
 Gi1_4147287_x2.....cgugggaacacggggCgccgaac..... 1
 Gi1_4111235_x2.....ucggagGcgucgugggaacacg..... 1
 Gi3_28025162_x2.....gggaacacggggugccCaa..... 1
 Gi2_10839399_x2.....ucggUgacgucgugggaacacg..... 1
 Gi1_4133883_x2.....ucgugggaacacgCggugccgaacu..... 1
 Gi2_10956569_x2.....cgAcgugggaacacggggugccgaac..... 1
 Gi2_10886115_x2.....gaucggagacgucguAggaacacggggu..... 1
 Gi2_10986465_x2.....gucgugggaacacggggugccgUac..... 1
 Gi2_10951341_x2.....Uucggagacgucgugggaacacg..... 1
 Gi1_4089383_x2.....gacgucgugggaacacggggugccgGac..... 1
 Gi5_8733875_x2.....gugggaaUacggggugcc..... 1
 Gi3_28019874_x2.....Gcggagacgucgugggaacacggggugccg..... 1
 Gi3_28196352_x2.....Nugggaacacggggugccga..... 1
 Gi3_28045062_x2.....ucAgagacgucgugggaacacggg..... 1
 Gl1a_5903494_x2.....gCagacgucgugggaacacg..... 1
 Gi3_28225864_x2.....ggagacgucgugggaacacggggugcA..... 1
 Gl1a_5951326_x2.....gacgucAugggaacacggggu..... 1
 Gi2_10991643_x2.....Cacgucgugggaacacggggugcc..... 1
 Gi1_4139185_x2.....gugggaaGacggggugccgaacu..... 1
 Gi2_10870367_x2.....ucgugggaacCcggggugccgaa..... 1
 Gi2_10983489_x2.....ggCaacacggggugccgaacu..... 1
 Gi2_10953277_x2.....aucggagacgucgugggG..... 1
 Gi4_555468_x2.....Cggaacacggggugccgaacu..... 1
 Gi2_10913273_x2.....Ccgagacgucgugggaacacg..... 1
 Gi5_8815343_x2.....Gacggggugccgaacuu..... 1
 Gi3_28049906_x2.....ggagacgucgugggaacacggAgu..... 1
 Gi3_28189526_x2.....aUgucgugggaacacggggugccg..... 1
 Gi3_28113002_x2.....cgaucggagacgucgugggaacacggggC..... 1
 Gi3_27984638_x2.....gucgugggUacacggggugccgaac..... 1

Gi2_10864805_x2.....gucgugggaacacggggugUc..... 1
Gi2_10847181_x2.....ggagacguNgugggaacacggggugccg..... 1
Gi3_28044982_x2.....gucgugggGacacgggggu..... 1
Gi3_28250844_x2.....aucggagacgucgugUgaacacgggg..... 1
Gi3_28030300_x2.....gaucggagacgucgugAgaacacgggggu..... 1
Gi1_4126433_x2.....ucggGgacgucgugggaacacg..... 1
Gi5_8736009_x2.....ugNgaacacggggugccgaacu..... 1
Gi5_8780513_x2.....cgugggaacacgAggugccgaacuu..... 1
Gi1_4143281_x2.....gCgaacacggggugccgaacuu..... 1
Gi5_8795707_x2.....gaucggagacAucgugggaacacgggg..... 1
Gi3_28135256_x2.....cggCgacgucgugggaacacgggggu..... 1
Gi2_10867793_x2.....gaucggagacAucgugggaacac..... 1
Gi5_8767315_x2.....cgugggaacacggggugcUgaacuu..... 1
Gi2_10868985_x2.....acgucgugggaGcacgggggu..... 1
Gi5_8731341_x2.....gaucggagacgucgugggCacacggg..... 1
Gi5_8821983_x2.....ucgugggaacacAgggugccgaac..... 1
Gi1_4092969_x2.....acgucgugggaacacggggCgcc..... 1
Gi2_10863467_x2.....aucgAagacgucgugggaacacggggugc..... 1
G1a_5975640_x2.....Agaacacggggugccgaac..... 1
Gi2_10944499_x2.....acgAcgugggaacacggggugccgaacu..... 1
Gi2_10833489_x2.....cgUucggagacgucgugggaacacggggugc..... 1
Gi2_10838643_x2.....ggagacgucgugggaUacggggugc..... 1
Gi3_28054952_x2.....agacgucgugggaacacggggugAcgaacu..... 1
Gi1_4093765_x2.....aucgUagacgucgugggaacacgg..... 1
Gi2_10854613_x2.....gugggaUcacggggugccgaa..... 1
G1a_5940878_x2.....aucggagGcucgugggaacacgggg..... 1
G1a_5941972_x2.....aUacgucgugggaacacggggugccgaac..... 1
Gi3_28018452_x2.....aacacgggNugccgaacuu..... 1
G1a_5954060_x2.....gucgugggNacacggggugccgaac..... 1
Gi5_8816251_x2.....gacgucgugggaacacggggugccgaUcu..... 1
Gi5_8774635_x2.....agacgucgugAgaacacggggugccgaacu..... 1
Gi1_4131007_x2.....gugggaacacggggugcA..... 1
Gi2_10992275_x2.....aucggagacgucgugggCacacggggugcc..... 1
Gi5_8785051_x2.....aucggagacGcugugggaacac..... 1
Gi3_28164150_x2.....cgucgugggaacaUggggugccga..... 1
Gi2_10835865_x2.....ggagacgucgugggaacCcgggugcc..... 1
Gi2_10930565_x2.....gaUacgucgugggaacacggggugc..... 1
Gi5_8776731_x2.....aGcggagacgucgugggaaca..... 1
G1a_5951448_x2.....ugggaacacggggugccgaUcu..... 1
Gi1_4137301_x2.....cgucguAggaacacggggugcc..... 1
Gi3_28237846_x2.....acgucgugggaacacggggugccgaCc..... 1
Gi2_10991787_x2.....ggagacgucGgggaacacggggugc..... 1
Gi2_10847465_x2.....gacgucgugggaacacggggugccgaGc..... 1
Gi3_28186506_x2.....Cagacgucgugggaacacgggggu..... 1
Gi5_8754761_x2.....cgugUgaacacggggugccga..... 1
Gi1_4113867_x2.....ggagacgucguAggaacacggggugcc..... 1
Gi3_28093608_x2.....agacgucgugggaacaUggggugccgaacu..... 1

Gi2_10867037_x2.....ucggagGcgucgugggaaca..... 1
Gi2_10945165_x2.....cgucgugggaacacggggugccgaCc..... 1
G1a_5877556_x2.....gugggaacCcggggugccgaac..... 1
Gi5_8807159_x2.....gugggaaAacggggugccga..... 1
Gi2_10894635_x2....gaucggagaUgucgugggaacacgggggu..... 1
Gi3_28077624_x2.....gugCgaacacggggugccga..... 1
Gi1_4128303_x2.....gggaacacggUgugccgaacu..... 1
Gi3_28145282_x2....aucggagacgucguggAaacacggggugc..... 1
Gi1_4143271_x2....gaucggagacgucgugggaGcac..... 1
Gi2_10904979_x2.....cgucUugggaacacggggugccgaac..... 1
Gi5_8737313_x2.....cgGgggaacacggggugcc..... 1
Gi3_28192218_x2....ucUgagacgucgugggaacacg..... 1
G1a_5937132_x2....aucggagacgucgugggaacacggggA..... 1
Gi2_10885843_x2.....gCgacgucgugggaacacggggugc..... 1
Gi2_10931577_x2.....cgugggaacacggggguAccga..... 1
Gi1_4134493_x2.....cggagacgNcgugggaacacgggggu..... 1
Gi3_28218064_x2....uUgugggaacacggggugccg..... 1
Gi3_28089504_x2....gaucggaAacgucgugggaacacgggggu..... 1
Gi2_10868369_x2.....gugggaacacggggugccgC..... 1
Gi3_28082188_x2.....gacgGcgugggaacacggggugccgaacu..... 1
Gi2_10958593_x2.....ucgugggaacCcggggugccg..... 1
Gi2_10939365_x2....ucggagacgucgugggaacacggg..... 0
Gi3_28225326_x2.....gacgucgugggaGcacgg..... 1
Gi1_4113635_x2.....ucgugggaacacggggugcUgaac..... 1
Gi2_10870583_x2.....gacgucgugggaacaUggggugccg..... 1
Gi5_8718753_x2....Aagacgucgugggaacacg..... 1
Gi1_4131159_x2.....agacgucgNgggaacacgggg..... 1
Gi5_8749177_x2.....gggaacacgggCugccgaacu..... 1
Gi5_8774857_x2....gGucggagacgucgugggaacacg..... 1
Gi3_27992908_x2.....gacgucgugggaacacgAggugccgaacu..... 1
Gi2_10844861_x2.....ggAaacacggggugccgaa..... 1
Gi2_10922909_x2....gaucggagacgucgugAgaac..... 1
Gi2_10968607_x2....cUaucggagacgucgugggaacacggggugcc..... 1
G1a_5880660_x2.....cgugggaGcacggggugcc..... 1
Gi3_28215254_x2.....ugggaacacgggguCccg..... 1
Gi3_28137172_x2.....gAgaacacggggugccga..... 1
Gi2_10984739_x2....aucggagacgucgugggaaGacggggugcc..... 1
Gi5_8805019_x2.....gaacacgAggugccgaac..... 1
Gi5_8817069_x2.....agacgucguggGacacggggugccgaac..... 1
Gi1_4109685_x2.....cgugggGacacggggugccgaacu..... 1
Gi1_4127209_x2....cggagacgucgugggaacacggggCgc..... 1
Gi4_557542_x2.....Aggaacacggggugccgaacu..... 1
Gi2_10907137_x2....aucggagacgucgugggaacacgggCu..... 1
Gi2_10938713_x2.....cgucgugggaacacggggCgccgaac..... 1
Gi2_10841517_x2....Aaucggagacgucgugggaacacg..... 1
Gi3_28120314_x2....agacgucgugggaGcacggggugccga..... 1
Gi2_10911117_x2.....gacgucgugggaacacggggugUc..... 1

Gi2_10916803_x2.....aucggagacgucguAggaacacggggugcc..... 1
 Gi3_28249076_x2.....cgucgugggaacacggggugcUga..... 1
 Gi2_10926955_x2.....cgucgugggaacacgggAugccga..... 1
 Gi5_8825251_x2.....agacgucgugggaacacgAggugccgaac..... 1
 Gi3_28253166_x2.....gggaacacggggugccUaa..... 1
 Gi5_8801087_x2.....Aucgugggaacacggggugccgaac..... 1
 Gi3_28200934_x2.....gaucgAagacgucgugggaacac..... 1
 Gi3_28112124_x2.....ggagacgucgCgggaacacggggg..... 1
 Gi2_10844345_x2.....cAgagacgucgugggaacacggggg..... 1
 Gl1a_5921982_x2.....gaucUgagacgucgugggaa..... 1
 Gi1_4145523_x2.....gugggaacacgggAugccgaac..... 1
 Gi1_4137465_x2.....aUacgucgugggaacacggggugccg..... 1
 Gi1_4091979_x2.....gugggaacacgAggugccga..... 1
 Gi5_8789041_x2.....gagacguAgugggaacacggggugccgaacu..... 1
 Gi3_28048812_x2.....acgucgugggaacacgAggugccgaac..... 1
 Gi3_28075726_x2.....aucggagacgucgugggaacacggggAgc..... 1
 Gi2_10876289_x2.....ucgugggaacacgUggugccgaacu..... 1
 Gi3_28099836_x2.....cguNgugggaacacggggugcc..... 1
 Gi2_10917105_x2.....cgugggaacacgggUugc..... 1
 Gi3_28195344_x2.....cgucgGgggaacacggggugccgaa..... 1
 Gi5_8735023_x2.....ggaacacggggugccgaCc..... 1
 Gi1_4134665_x2.....ggagacgucgugAgaacacggggugcc..... 1
 Gi2_10885701_x2.....cgucgugggaacacggggugccgaG..... 1
 Gi1_4119201_x2.....aucggagacgucgugggaacGcggggugc..... 1
 Gi3_28000514_x2.....ucguggAaacacggggugccg..... 1
 Gi3_27998130_x2.....gaAcggagacgucgugggaacacg..... 1
 Gi5_8821819_x2.....aCcggagacgucgugggaacacgggg..... 1
 Gi1_4099585_x2.....cgugggaacaUggggugccgaacu..... 1
 Gi3_28003690_x2.....gacgucAugggaacacggggugccgaacu..... 1
 Gi4_561938_x2.....uUggaacacggggugccgaac..... 1
 Gi3_28139918_x2.....acgucgugggaacacggggugccgaacG..... 1
 Gi1_4098497_x2.....gacgucgugggaacacggggAgccgaacu..... 1
 Gi2_10839501_x2.....agacgucgugggCacacggggugc..... 1
 Gi3_28170888_x2.....cgugggaacUcggggugcc..... 1
 Gi1_4126067_x2.....Agaacacggggugccgaa..... 1
 Gi2_10878159_x2.....ggUgacgucgugggaacacggg..... 1
 Gl1a_5975334_x2.....cUaucggagacgucgugggaacacggggugc..... 1
 Gi1_4146213_x2.....aucggagacgucgugggaac..... 0
 Gi1_4118323_x2.....cggagacgucgugggaacacgggAugcc..... 1
 Gi3_28249038_x2.....ucggagacgucguAggaacacggggg..... 1
 Gi2_10900213_x2.....gugggaacaUggggugccgaacu..... 1
 Gi3_28172580_x2.....gucgugggUacacggggugcc..... 1
 Gi3_28085984_x2.....gaucggagacgucgugggaUacggggg..... 1
 Gi2_10888657_x2.....agacgucgugggaCcacggggugccga..... 1
 Gi2_10949177_x2.....acgucgugggaacaUggggugccgaacu..... 1
 Gi5_8724763_x2.....gagacgucgugggaacacggggCgccgaacu..... 1
 Gi3_28073474_x2.....gaUgucgugggaacacggggg..... 1

Gi3_28212936_x2.....ggagacgucgugggGacacggggugccgaac..... 1
 Gi2_10955723_x2.....cgucgugggaacaAggggugccgaacu..... 1
 Gi5_8818629_x2.....gacgucgugggaacacggggugAcgaacu..... 1
 Gi5_8778097_x2.....ugUgaacacggggugccgaa..... 1
 Gi2_10896615_x2.....gucAugggaacacggggugc..... 1
 Gi5_8808971_x2.....ucggagacgucgugggaaAacg..... 1
 Gi3_28206988_x2.....Gcgucgugggaacacggggugccga..... 1
 Gi3_28179206_x2.....aucAgagacgucguggga..... 1
 Gi3_28155426_x2.....cgucgugggaacacggAgugccg..... 1
 Gi5_8724131_x2.....ugggaacacggggugccgaacuCu..... 1
 Gi2_10843569_x2.....gggaaGacggggugccgaacu..... 1
 Gi5_8796891_x2.....aucggagacguUgugggaacacgg..... 1
 Gi5_8761925_x2.....cgUagacgucgugggaacacgg..... 1
 Gi2_10936333_x2.....gggaacaGggggugccgaac..... 1
 Gi4_564222_x2.....cgugggaacacggggCgccgaacu..... 1
 Gi3_28055278_x2.....Cagacgucgugggaacacggggugccgaacu..... 1
 Gi2_10872375_x2.....ggagUcgucgugggaacacggggugc..... 1
 Gi5_8804041_x2.....gugggaacacggggGgccgaacuuu..... 1
 Gi5_8808355_x2.....cacggggugccgaacuCu..... 1
 Gi3_28010504_x2.....cgucGgggaacacggggugccgaac..... 1
 Gi2_10911931_x2.....cAucgugggaacacggggugc..... 1
 Gi1_4114881_x2.....cgugggaacacggggguAccgaac..... 1
 Gi2_10951987_x2.....cgucgugggaacacggAgugccga..... 1
 Gi1_4120017_x2.....aacacUgggugccgaacu..... 1
 Gi2_10830487_x2.....gagacgucNugggaacacggggug..... 1
 Gi5_8768611_x2.....gugggaacNcggggugccgaacuu..... 1
 Gi3_28205242_x2.....aucggagacguGgugggaacacg..... 1
 Gi5_8824367_x2.....gugggaacacggggugAcga..... 1
 Gi5_8781633_x2.....cacgUgggugccgaacuuu..... 1
 Gi2_10951503_x2.....Acggagacgucgugggaac..... 1
 Gi2_10959841_x2.....gucgugggaacaUggggugcc..... 1
 Gi3_28003692_x2.....ggagGcgucgugggaacacggggugccgaac..... 1
 Gl1_5980830_x2.....gacgucgugggaacaUgggggu..... 1
 Gi2_10959083_x2.....gaUacgucgugggaacacggggugccg..... 1
 Gi4_561274_x2.....gggaGcacggggugccgaacu..... 1
 Gi3_28014496_x2.....aucggagacgucgugggaacacUggg..... 1
 Gi3_28196346_x2.....gucgugggaacaUggggugcc..... 1
 Gi3_28242634_x2.....aucggagacgucgugggaacaUggggugcc..... 1
 Gi5_8799175_x2.....gaacacggNgugccgaac..... 1
 Gi3_28229724_x2.....ggagacgucgugggaGcacggg..... 1
 Gi3_28148422_x2.....acgucgugNgaacacggggugccg..... 1
 Gl1_5889030_x2.....aucggagacgucguggAa..... 1
 Gi2_10868637_x2.....agacgucgugggaacCcggggugc..... 1
 Gi2_10837949_x2.....gggaacacAgggugccgaa..... 1
 Gi2_10845795_x2.....ucggagacgucgugggaacacggggugccgaac..... 0
 Gi3_28140428_x2.....aucggagCcgucgugggaacacgggg..... 1
 Gi2_10896975_x2.....gucgugggaCcacggggugccgaacu..... 1

Gi3_27981546_x2.....gugggaaGacggggugccgaa..... 1
 Gi2_10881011_x2.....acgucgugggaacacggggugccgaCcu..... 1
 Gi3_28116012_x2....auGggagacgucgugggaacacggg..... 1
 Gi1_4149687_x2.....guCggaacacggggugccgaacu..... 1
 Gi1_4101931_x2.....cgugggaacacggggUAccgaacu..... 1
 Gi1_4157847_x2.....gucgugggaacacggggCg..... 1
 Gi3_28103238_x2.....gugCgaacacggggugcc..... 1
 Gi3_28248788_x2....gaucAgagacgucgugggaacacggggugcc..... 1
 Gi2_10917993_x2.....ucggagacgucUugggaacacggggugccgaacu..... 1
 Gi2_10961947_x2.....gUcgucgugggaacacggggugcc..... 1
 Gi2_10861681_x2....aucggagacgucAugggaacac..... 1
 Gi3_28074972_x2.....ggagacgucgugggaacacggggCgccc..... 1
 Gi1_4126641_x2.....gUagacgucgugggaacacggggugc..... 1
 Gi4_555934_x2....gaucggagacgucgugggaacac..... 0
 Gi2_10841959_x2.....gucguCggaacacggggugccgaacu..... 1
 Gi5_8765851_x2.....gggaacacggggugccgaG..... 1
 Gi3_27990414_x2.....ggagacgucguggAaacacggg..... 1
 Gi2_10918017_x2....aCggagacgucgugggaacacgggg..... 1
 Gi3_28145044_x2....cgauCggagacgucgugggaacacggggGgc..... 1
 Gi2_10877497_x2.....gggaacacggggugUcgaa..... 1
 Gi5_8824179_x2....gacgucgugggaacaGggggugccgaacu..... 1
 Gi2_10936447_x2.....acgucCugggaacacggggugcc..... 1
 Gi1_4093351_x2.....gggaacacggggugcAgaacu..... 1
 Gi5_8718759_x2.....guggAaacacggggugccgaacu..... 1
 Gi3_28024354_x2.....gggaacaAggggugccgaa..... 1
 Gi3_28109972_x2.....ggagacgucgCgggaacacggg..... 1
 Gi3_28197746_x2....cgauGggagacgucgugggaacacg..... 1
 Gi2_10980135_x2.....cguUgugggaacacggggugccgaac..... 1
 Gi1_4144845_x2....aucggagacgucgugggCacacgg..... 1
 Gl1_5963674_x2.....guAggaacacggggugcc..... 1
 Gi3_28041280_x2.....gagaUgucgugggaacacggggugccgaacu..... 1
 Gi2_10884789_x2.....cguAgugggaacacggggugccgaa..... 1
 Gi2_10987005_x2....gaucggagacgucgugggaacacggAgu..... 1
 Gi3_28032234_x2....cgaCcgagacgucguggg..... 1
 Gi2_10836033_x2.ugcgauCggagacgucgugggG..... 1
 Gi5_8781389_x2.....agacgucgugggaacacggggG..... 1
 Gi2_10909949_x2.....gugUgaacacggggugccg..... 1
 Gi3_28214290_x2.....cguCggaacacggggugccgaac..... 1
 Gl1_5931366_x2.....aacGcggggugccgaacu..... 1
 Gi3_28123866_x2.....gacgucgugggaCcacggggugccgaac..... 1
 Gi3_28060804_x2.....cCucgugggaacacggggugccgaa..... 1
 Gi1_4104639_x2.....ucgugggaacacggggugcGgaac..... 1
 Gi3_28039174_x2....ucggagacgucgugggaacCcgggugcc..... 1
 Gi3_28131384_x2....aucggagacgucgugggaacacggggugGc..... 1
 Gi2_10906705_x2....aucggagacgucgugggaacacggggugccgaac..... 0
 Gi3_28048970_x2....aucggagUcgucgugggaacacggg..... 1
 Gl1_5908766_x2....aucggagacgucgugggaGcacggggg..... 1

Gi2_10951857_x2...gaucggagacgucgugggaaacacggggCg..... 1
Gi2_10945599_x2.....cAugggaacacggggugccg..... 1
Gi2_10968351_x2.....ucgugAgaacacggggugccg..... 1
Gi1_4125553_x2.....agacgucAugggaacacggggugccgaacu..... 1
Gi2_10829777_x2.....Aacgucgugggaaacacggggugc..... 1
Gi3_28249422_x2.....gggaacacgggCugccgaa..... 1
Gi3_28153548_x2.....cgugggaCcacggggugccg..... 1
Gi3_28025000_x2.....ucggagGcgucgugggaaacacg..... 1
Gi3_28091688_x2.....ucggagacAucgugggaaacacggggugccg..... 1
Gi2_10852223_x2.....gugggaacacgCggugccgaac..... 1
Gi3_28239506_x2.....cgucgugggaaacacgggUgugccg..... 1
Gi2_10857583_x2.....gucgugggaaacacggggGgccc..... 1
Gi5_8763595_x2.....gucCugggaaacacggggugccgaacu..... 1
Gi5_8815239_x2.....gugggaacacggggugccAa..... 1
Gi1_4156689_x2.....acgucgugggCacacggggugcc..... 1
Gi2_10836449_x2...cgaucggaNacgucgugggaaacacggg..... 1
Gi1_4102319_x2.....cCugggaacacggggugccgaac..... 1
Gi3_28054708_x2.....cgucgugggaaacaUggggu..... 1
Gi1_4098811_x2.....aCacgucgugggaaacacggggugccg..... 1
Gi3_28230738_x2.....cgucgugggaaacacggggGg..... 1
Gi2_10901831_x2.....ugggaacGcggggugccgaa..... 1
Gi2_10858999_x2.....acgucCugggaaacacggggugccgaacu..... 1
Gi3_28217356_x2.....gUgacgucgugggaaacacggggugccgaac..... 1
Gi2_10859905_x2.....ugggaacacgggCugccg..... 1
Gi1_4091075_x2.....gagacgucguAggaacacggggugcc..... 1
Gi1_4107425_x2...gaucggagacgucgugggaaacacgggU..... 1
Gi2_10958321_x2.....gCgaacacggggugccgaa..... 1
Gi5_8802355_x2.....acCucgugggaaacacggggugccgaacu..... 1
Gi5_8760357_x2...aucggagacgucguggAaacacg..... 1
Gi3_27986010_x2...aucggagacgucguCggaacacggg..... 1
Gi5_8721055_x2.....cgucguggNaacacggggugccga..... 1
Gi3_28026510_x2...gaucggagacgucgugggGcacggggugcc..... 1
G1a_5887628_x2.....aacacggggugcAgaacu..... 1
Gi3_28132138_x2.....acgucgugggaaacacgggCgugccgaacu..... 1
Gi5_8789333_x2...gaucggagacgucguAggaacacgg..... 1
Gi2_10925505_x2.....Ccugggaaacacggggugccg..... 1
Gi3_27988690_x2.....acacggggGcccgaacu..... 1
Gi1_4120365_x2.....agacgucguAggaacacggggugccgaacu..... 1
Gi5_8736309_x2...gGucggagacgucgugggaaacacggg..... 1
Gi2_10929051_x2.....Gcgucgugggaaacacggggugccg..... 1
G1a_5926390_x2.....ucgugggaaacacggggugccgCac..... 1
Gi2_10955719_x2.....gUgacgucgugggaaacacggggugccg..... 1
Gi3_28161648_x2...Ggaucggagacgucgugg..... 1
G1a_5907020_x2.....gugggaacacUgggugccgaacu..... 1
Gi1_4095981_x2.....Aucgugggaaacacggggugcc..... 1
Gi5_8787669_x2.....gugggaacacgggAgugccgaacu..... 1
Gi3_27990322_x2...cgAcgugggaaacacgggg..... 1

Gi2_10830543_x2.Cgcgaucggagacgucgugggaaacacg..... 1
Gi3_28069094_x2.....guNuggggaacacggggugccgaacu..... 1
Gi3_28074110_x2.....ucgugggaaacacggggugccgGa..... 1
Gi2_10980771_x2.....cgucgugggGacacggggugccgaa..... 1
Gi1_4131707_x2.....gacgCcgugggaaacacggggugccgaacu..... 1
Gi1_4128643_x2.....acgucgugggaaacacggggugccgaaUu..... 1
Gi1_4121715_x2.....gGacacggggugccgaacuu..... 1
Gi3_28218010_x2.....cggAUacgucgugggaaacacggggugccga..... 1
Gi5_8775817_x2.....uggaaacacgggCugccgaa..... 1
Gi5_8824405_x2.....uggaaacacggggugccUaac..... 1
Gi3_27986984_x2.....uggaaacacggggUcccga..... 1
Gi5_8796759_x2.....aucggagacgucgugggGacacggggU..... 1
Gi2_10986747_x2.....acgucgugggaaacacggCgugcc..... 1
Gi3_28178192_x2.....cggagacgCcgugggaaacacggg..... 1
Gi3_28178500_x2.....acgucgugggaaacacgggAugccgaacu..... 1
Gi2_10956299_x2.....cggUgacgucgugggaaacacggggugc..... 1
Gi1_4141167_x2.....agacgucgugggGacacggggugccgaac..... 1
Gi2_10900003_x2.....ggaacGcggggugccgaa..... 1
Gi5_8778685_x2.....aucggagacgucgugggaaAacgg..... 1
Gi5_8767393_x2.....acgucgugggaaacCggggugccgaac..... 1
Gi2_10884221_x2.....Cagacgucgugggaaacacggggugccg..... 1
Gi3_28115508_x2.....ucggagacgucgugggCacac..... 1
Gi3_28188740_x2.....aacacggggugccgCacuu..... 1
Gi2_10959801_x2.ugcgaucggagacgucgugggaaAa..... 1
Gi2_10893899_x2.....acguUgugggaaacacggggugc..... 1
Gi5_8783161_x2.....Aucgugggaaacacggggugccgaa..... 1
Gi2_10911905_x2..cgUucggagacgucgugggaaacacggg..... 1
Gi5_8786053_x2.....gUcugcugggaaacacggggugccgaacu..... 1
Gi2_10952389_x2...gaGcggagacgucgugggaaaca..... 1
G1a_5939222_x2...gaucggagacgucgugggCa..... 1
Gi2_10959107_x2.....cgucguggAaacacggggugc..... 1
Gi1_4139977_x2.....cgugggaaacacggggugAcgaacu..... 1
Gi2_10965771_x2.ugcgaucggagacgucgugggGaca..... 1
Gi2_10862219_x2.....cgugggaaacacggggUac..... 1
Gi2_10876263_x2.....gacgucgugggaaacacggggugUcgaacu..... 1
Gi5_8821831_x2.....gugggaacaUggggugcc..... 1
Gi2_10981845_x2.....cCgagacgucgugggaaacacggggugc..... 1
Gi1_4120043_x2...aucggagaNucgugggaaacacggggugc..... 1
G1a_5902016_x2.....gGcugggaaacacggggugccga..... 1
Gi3_28076344_x2...Ccggagacgucgugggaaaca..... 1
Gi2_10900327_x2.....cgugggaaacaUggggugccga..... 1
Gi3_28088992_x2...gaucggagacgucgugggaaacaUgggg..... 1
Gi5_8746147_x2.....gugggaacacggggugUcga..... 1
Gi3_27994660_x2.....gucgugggaaacCggggugccg..... 1
Gi2_10835319_x2...aAacgucgugggaaacacggggugccg..... 1
G1a_5930410_x2...gugggaacacggggGgccga..... 1
Gi3_28117576_x2.....gacgucgugggGacacgggg..... 1

Gi3_28060764_x2.....aacacggAgugccgaacuu..... 1
 Gi2_10882981_x2.....ggagacgucgugggaaacGcggggugc..... 1
 Gi3_28240870_x2....gaucggagacgucgugggGacacggg..... 1
 Gi3_28196438_x2.....ggagacgucgugggaaAacggggugcc..... 1
 Gi5_8729033_x2.....acgucgugggaaGacggggugccgaacu..... 1
 Gi1_4126551_x2.....ucgugggaaacGcggggugccgaac..... 1
 Gi2_10834945_x2.....ugUgaacacggggugccg..... 1
 Gi2_10940331_x2.....cggagacgNcgugggaaacacggggugccgaac..... 1
 Gi2_10962007_x2.....ucgugggaaGcacggggugccgaa..... 1
 Gi5_8726961_x2....aucggGgacgucgugggaaacac..... 1
 Gi3_28130646_x2....gaucggagacAucgugggaaacac..... 1
 Gi4_565340_x2.....agUcgucgugggaaacacggggugcc..... 1
 Gi5_8770185_x2.ugcgaAacggagacgucgug..... 1
 Gi5_8823631_x2.....ggUaacacggggugccgaa..... 1
 Gi2_10934383_x2.....gagacgucgugggaaacacg..... 0
 Gi3_27991232_x2.....cggagCcgucgugggaaacacggggg..... 1
 Gl1a_5929048_x2.....cAuggaaacacggggugcc..... 1
 Gi2_10894963_x2.....agacgucAugggaaacacggggugccgaacu..... 1
 Gi3_28085154_x2.....uggaaacacggggugccCa..... 1
 Gi3_28047746_x2.....acgucgugggaaacacggggugcA..... 1
 Gi1_4106535_x2.....gagacgucAuggaaacacggggugcc..... 1
 Gi2_10849463_x2....aucggagacgucgugggaaacacggggugUc..... 1
 Gi2_10891195_x2.....acgucgugggaaacacggggugA..... 1
 Gi2_10839745_x2.....gacgucgugggaaacacgAggugccgaac..... 1
 Gi3_28135242_x2....aucggagacgucUuggaaacacggggugc..... 1
 Gi5_8740729_x2....Gucggagacgucgugggaaacacggggugcc..... 1
 Gi1_4151723_x2.....cguggUaacacggggugccgaacu..... 1
 Gi3_28221138_x2.....ucgugggaaacacggggUaccg..... 1
 Gi2_10869833_x2.....gacgucGggaaacacggggugccgaacu..... 1
 Gi5_8809569_x2....aAcggagacgucgugggaaacacgg..... 1
 Gl1a_5976884_x2.....cguggaaacGcggggugcc..... 1
 Gi3_27999944_x2.....cgugggaaacacggAgugc..... 1
 Gi2_10894997_x2.....gUagacgucgugggaaacacggggugccgaa..... 1
 Gi5_8784759_x2.....ggaaacacggggugccgCa..... 1
 Gi2_10837301_x2....ucAgagacgucgugggaaacacg..... 1
 Gi4_564438_x2.....cgucguggNaacacggggugccga..... 1
 Gi2_10949629_x2.....cgCcgugggaaacacgggg..... 1
 Gi1_4133275_x2....Agagacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28014108_x2.....cgugggaaacacggggugcU..... 1
 Gi1_4118171_x2.....gacgucgugggaaacacggggGgcc..... 1
 Gi5_8749843_x2....auUggagacgucgugggaaacacggg..... 1
 Gi5_8737365_x2.....gucguggGacacggggugc..... 1
 Gi5_8728661_x2.....guggaaacacggggugccgaaUuu..... 1
 Gi1_4092061_x2.....acgucgugggaaacacggggGgcc..... 1
 Gi1_4096115_x2.....agacgucgugggaaGcacgggg..... 1
 Gi2_10857515_x2.....acgucgugggaaUacggggugc..... 1
 Gi5_8724677_x2.....gacgucgugggaaUcacggggugccgaacu..... 1

Gi1_4117965_x2.....gaacacggAgugccgaac.....	1
Gi2_10876279_x2.....gacgucgugggaacacggggugcUg.....	1
Gi4_559086_x2.....uUgugggaacacggggugccgaacu.....	1
Gi3_28159726_x2.....gacgucgugggaacacggggugccAaacu.....	1
Gi1_4155297_x2.....Cugggaacacggggugccgaacuu.....	1
Gi5_8828775_x2.....ugggaacacggggugUcgaac.....	1
Gi2_10850973_x2.ugcgauccgagacgucgugggaacacggggugcc.....	0
Gi5_8808635_x2.....cgugggaaNacggggugccg.....	1
Gi1a_5979918_x2.....aacacggggugccgaaAu.....	1
Gi3_28081320_x2.....cgucgugggaacacggggugcUgaac.....	1
Gi5_8734725_x2.....ugggaacacggggugcUgaacuu.....	1
Gi2_10932883_x2.....ugggaacacggggugAcg.....	1
Gi1_4113781_x2.....gugggaaUacggggugccgaac.....	1
Gi3_28164390_x2.....Nugggaacacggggugcc.....	1
Gi5_8803383_x2.....ugggaacacggggugccgaacuC.....	1
Gi3_28163576_x2.....gacgucgugggaacacggggCgccc.....	1
Gi2_10883349_x2.....gaucggagacgucguggAaacacggggg.....	1
Gi2_10970951_x2.....cgugggaacacgAggugccga.....	1
Gi5_8800917_x2.....gugggaacacggggUaccga.....	1
Gi2_10886183_x2.....acgucgugggaaAacggggugccgaac.....	1
Gi3_28163080_x2.....gaCcacggggugccgaac.....	1
Gi1a_5877092_x2.....gugggaacNcggggugccga.....	1
Gi3_28241732_x2.....ucgugggaacacCgggugccgaacu.....	1
Gi1a_5888480_x2.....aucggagaNucgugggaacacggggugc.....	1
Gi2_10856603_x2.....aucggagacgucguAggaaca.....	1
Gi2_10883079_x2.....aucgCagacgucgugggaacacggggugc.....	1
Gi5_8797357_x2.....ggaacacUggggugccgaacu.....	1
Gi3_28098804_x2.....gucgugggaacacggggugccgU.....	1
Gi1_4106851_x2.....gacgucgugggaacacggAgugccgaacu.....	1
Gi2_10883295_x2.....agacAucgugggaacacggggugccgaacu.....	1
Gi3_28229906_x2.....ucguggUaacacggggugccgaac.....	1
Gi2_10934861_x2.....cgugggaacacggggUacc.....	1
Gi3_28017260_x2.....Gcgugggaacacggggug.....	1
Gi2_10941677_x2.....gaucggUgacgucgugggaacacgg.....	1
Gi3_28258322_x2.....gucgugggaacacggggugccgaaGu.....	1
Gi5_8820789_x2.....acgucgugggaacacggggugUcgaacu.....	1
Gi2_10865327_x2.....acgucgugggaaGacggggugccgaacu.....	1
Gi1_4109851_x2.....gacgucgugggaCcacggggugccgaacu.....	1
Gi1_4130005_x2.....guUggaacacggggugccg.....	1
Gi1_4132253_x2.....gggaacacggggugccgaaUu.....	1
Gi2_10920719_x2.....gaucggagacguGuggggaacacggggg.....	1
Gi2_10908759_x2.....ggaacacggggugccgaaU.....	1
Gi1_4119241_x2.....gugggaGcacggggugcc.....	1
Gi2_10856693_x2.....ugggaacacggggugcGgaac.....	1
Gi1a_5899480_x2.....cgugggaacacggggCgc.....	1
Gi3_28231924_x2.....gaucggagacgucgugggaacacggggugccgaa.....	0
Gi5_8777343_x2.....gaucggagacgucguggCacacg.....	1

Gi2_10842913_x2.....aucggagacgucgugggaaUa.....	1
G1a_5971680_x2....gaucggagGcgucgugggaacacggggu.....	1
Gi5_8737609_x2.....cgugggaacacgUggugc.....	1
Gi2_10940923_x2....gaucggagacgucgugggCac.....	1
Gi3_28002410_x2.....gGcgucgugggaacacggggugcc.....	1
Gi5_8806773_x2.....gaNcacggggugccgaacu.....	1
Gi1_4111317_x2.....ugggaacacgggCugccg.....	1
Gi2_10962673_x2.....cGgagacgucgugggaacacggggu.....	1
Gi5_8813193_x2.....ucguAggaacacggggugccgaac.....	1
Gi3_28260336_x2....gaucggagacguUgugggaacacgggg.....	1
Gi2_10830549_x2.....gaacacCggggugccgaacu.....	1
G1a_5906790_x2....aucggGgacgucgugggaacacggg.....	1
Gi5_8802959_x2.....gugggaacacgggAugcc.....	1
Gi2_10888463_x2.....acgAcgugggaacacggggugc.....	1
Gi1_4104319_x2.....agacgucgugggaacGcggggugccg.....	1
Gi3_28063668_x2.....ggaNcacggggugccgaa.....	1
Gi1_4101189_x2.....guAgugggaacacggggugccgaacu.....	1
Gi3_28006960_x2.....cgugggaacaAggggugccga.....	1
Gi5_8822113_x2....aucggagacAucgugggaacacg.....	1
Gi3_28091158_x2....gaucggagacgucgugggaacacggC.....	1
Gi1_4153617_x2.....Uucgugggaacacggggugccgaacu.....	1
Gi2_10991095_x2....ucggagacgucgugggaGcacg.....	1
Gi2_10895705_x2....gaCcgagacgucgugggaacacggggugc.....	1
Gi5_8815801_x2....aucggagacgucgugggCacacggg.....	1
Gi3_28045286_x2.....ucgugggaacacggCgugccgaac.....	1
Gi1_4126593_x2.....uUgugggaacacggggugccg.....	1
G1a_5968806_x2.....ugggaacacggggugccgaacG.....	1
Gi3_28221268_x2....aucggagaGgucgugggaacacg.....	1
Gi2_10913657_x2.....acgucguAggaacacggggugc.....	1
Gi5_8789719_x2....cUgagacgucgugggaacacggggugcc.....	1
Gi1_4107905_x2.....ggagGcgucgugggaacacggggugccgaacu.....	1
Gi1_4112477_x2.....ucgugggaacacggggugccgaaUu.....	1
Gi3_28141442_x2....aucggagacgucgugggaacacCgggu.....	1
Gi3_28213896_x2.....gaacacggggugGcgaac.....	1
Gi2_10924207_x2....aucggagacgucguAggaacacgg.....	1
Gi2_10905399_x2.....gacgucgugggCacacggggugccgaacu.....	1
G1a_5925060_x2.....gggaacacggggugccga.....	0
Gi5_8783875_x2....ucggagacgucgugggaacacggggugccA.....	1
Gi2_10903377_x2.....acgucgugggaacacggggAgccgaac.....	1
Gi3_28136290_x2.....cguUggaacacggggugcc.....	1
Gi2_10947589_x2....ucggagacgucgugggaacacAgggugcc.....	1
Gi2_10971517_x2....cggagacgCcgugggaacacggggugc.....	1
Gi2_10955077_x2.....Cggaacacggggugccga.....	1
Gi3_27994720_x2....gaucggagacguGgugggaacacg.....	1
Gi3_28106792_x2.....cgucgugggaacacCggggugccga.....	1
Gi3_28045496_x2.....ggagacgucgugggaacacgggAugccg.....	1
Gi1_4130417_x2.....cggagacgucgugggCacacggggugc.....	1

Gi4_555574_x2	.....ugggGacacggggugccgaacu.....	1
Gi5_8776827_x2	.....gucgugggaacacggggugccgaGc.....	1
Gi3_28141550_x2	.....ucgugggaacacggggugcGgaac.....	1
Gi1_4091283_x2	.....cAucgugggaacacggggugcc.....	1
Gi3_28139608_x2	.....cguUgugggaacacggggugccga.....	1
Gi5_8804191_x2	.....cgugggaacacggggugccgaC.....	1
Gi4_563672_x2	.....Augggaacacggggugccgaa.....	1
Gi3_28021538_x2	.....Ncgugggaacacggggugccgaacu.....	1
Gi5_8792057_x2	.....ugggaacacggggugccAaac.....	1
Gi1_4105933_x2	.....gugggaacacggUgugcc.....	1
Gi3_28096118_x2	.....gagacgCcgugggaacacg.....	1
Gi5_8796265_x2	.....gaCcacggggugccgaacu.....	1
Gi3_28225604_x2	.....ggNacacggggugccgaac.....	1
Gi2_10892301_x2	.....ucgugggaCcacggggugccg.....	1
G1a_5882998_x2	.....aucggagacgucgugggaCcac.....	1
Gi2_10851589_x2	.....ggagacgucgugggGacacggggug.....	1
Gi1_4119349_x2	.....cgucgugggaacacggggugccGacu.....	1
Gi3_28149576_x2	.....cguNggaacacggggugc.....	1
Gi1_4103487_x2	.....Augggaacacggggugccgaac.....	1
G1a_5905206_x2	.....aucggagaNgucgugggaacacg.....	1
Gi3_28056498_x2	.....cgucgugggGacacgggg.....	1
Gi5_8793035_x2	.....gaucggagacgucgugggaacacggggG.....	1
Gi1_4089611_x2	.....gacgucgugggaacacggggugccgaGcu.....	1
Gi3_28113160_x2	.....gggaCcacggggugccgaa.....	1
Gi5_8751665_x2	.....ugggaacacggggugccgaC.....	1
Gi3_28242404_x2	.....gcgaucggNgacgucgugggaacacggggu.....	1
Gi2_10931665_x2	.....aucggagacgucgugggUacac.....	1
Gi2_10897281_x2	.....ggagacgucgugUgaacacggggugc.....	1
Gi3_28079076_x2	.....aucggagacgucgAgggaacacg.....	1
Gi1_4113593_x2	.....aucggagacgucgugggaacGcggggugcc.....	1
G1a_5958980_x2	.....gugggaacCcggggugcc.....	1
Gi5_8815895_x2	.....agacgucgugggaacGcggggugcc.....	1
Gi2_10835083_x2	.....cgugggaacUcggggugccgaac.....	1
Gi2_10855043_x2	.....agacgucgugggaGcacggggugcc.....	1
Gi2_10946539_x2	.....cggagacgucAugggaacacggggugcc.....	1
Gi3_28212196_x2	.....ucUgagacgucgugggaacacggggugcc.....	1
Gi5_8812751_x2	.....ucgugggaacacggggugccgaUcu.....	1
Gi5_8734731_x2	.....acgucgugggaacacggggugccgaGc.....	1
Gi4_564840_x2	.....acgucgugggaacacggggugccgaac.....	0
Gi5_8782699_x2	.....cgucgugggaacacggggAgccgaac.....	1
Gi2_10851569_x2	.....ugggaacacgggAugccga.....	1
Gi5_8823893_x2	.....cguAggaacacggggugccga.....	1
Gi5_8797611_x2	.....cgugggaacacggggugccgUac.....	1
Gi4_560444_x2	.....gugggaacacggAgugccgaacu.....	1
Gi2_10980859_x2	.....acgucgugggaacacgggAugccgaac.....	1
Gi2_10837923_x2	.....aucggagaAgucgugggaaca.....	1
Gi1_4156527_x2	.....acgucgugggaacacggggugccUaacu.....	1

Gi2_10969445_x2.....gagacgucgugggaacacggAgugccg.....	1
Gl1a_5910466_x2.....cguggaacCggggugc.....	1
Gi2_10985337_x2.....ugggaCcacggggugccga.....	1
Gi2_10864083_x2.....gCcgugggaacacggggugc.....	1
Gi2_10916997_x2.....aucggagacgucgugAgaacacggggug.....	1
Gi2_10982197_x2.....cggagacgucgugggaCcacggggu.....	1
Gi3_28185024_x2.....cgucgugggaacacggggugccgCa.....	1
Gi3_27991356_x2.....cggGgacgucgugggaacac.....	1
Gi1_4118955_x2.....gggaacaGggggugccgaacu.....	1
Gi5_8784927_x2.....aucggagaUgucgugggaacacgg.....	1
Gi1_4102743_x2.....ucAugggaacacggggugccgaac.....	1
Gi5_8742173_x2.....Ggugggaacacggggugccg.....	1
Gi3_28245304_x2.....gagacgucgugggaacacggggguAccgaacu.....	1
Gi1_4116953_x2.....acgucguAggaacacggggugccgaacu.....	1
Gi5_8821753_x2.....cgucgugggCcacggggugccgaacu.....	1
Gi3_28131006_x2.....gucgugggaacacggggGgccgaa.....	1
Gi1_4094585_x2.....ggaacacggggugccgaaU.....	1
Gi2_10835799_x2.....gaucggCgacgucgugggaacacggg.....	1
Gi2_10931277_x2.....aucggagCcgucgugggaacac.....	1
Gi2_10896623_x2.....gCcgugggaacacggggugccg.....	1
Gi5_8757785_x2.....cgugggaacacAgggugcc.....	1
Gi5_8758805_x2.....cgucgugggaacCcggggugc.....	1
Gi5_8768275_x2.....aacacggggugccgaacu.....	0
Gi1_4092105_x2.....cgucgugggaacCggggugcc.....	1
Gi1_4150179_x2.....ucUugggaacacggggugccgaac.....	1
Gl1a_5946438_x2.....ugggaacaUggggugccgaacu.....	1
Gi3_28205088_x2.....gagacgucgugggaacacggggCgccg.....	1
Gi3_28052964_x2.....cgucgAgggaacacggggugccgaac.....	1
Gi3_28192290_x2.....ggUgacgucgugggaacacggggugccgaac.....	1
Gi4_553128_x2.....cgucgugggaacacggggugc.....	0
Gi3_28023428_x2.....cggagacgucgugggaacacgAggugccga.....	1
Gi2_10829705_x2.....aucggagCcgucgugggaacacggggugc.....	1
Gi2_10955355_x2.....ugggaacacggUgugccgaacu.....	1
Gi1_4094475_x2.....gucgugggaacacgAggug.....	1
Gl1a_5970036_x2.....ggaacacggggugAcgaacu.....	1
Gl1a_5956778_x2.....aucggUgacgucgugggaacacggggugc.....	1
Gi2_10953255_x2.....Gggagacgucgugggaacacg.....	1
Gi2_10872431_x2.....gucgugggaCcacggggugcc.....	1
Gi3_28169278_x2.....cgucgugggUacacgggg.....	1
Gi1_4139537_x2.....cUucgugggaacacggggugccgaac.....	1
Gi5_8820775_x2.....aacacggggugccgGacuuu.....	1
Gl1a_5904258_x2.....cgugggaacacgggCugccgaacu.....	1
Gi3_28060156_x2.....gucgGgggaacacggggugccgaac.....	1
Gi3_28157458_x2.....cggagacgucgugggaAacgggg.....	1
Gi3_28105546_x2.....ucgugggaacacggggugccgG.....	1
Gi1_4132485_x2.....cgucgugggaAacggggugcc.....	1
Gi5_8797835_x2.....gUucggagacgucgugggaacacg.....	1

Gi3_28162188_x2..gcgaucggagacgCcguggga.....	1
Gi2_10969453_x2.....ggaacacgggCugccgaac.....	1
Gi2_10902935_x2.....uggaacacggggGgccgaa.....	1
Gi5_8811621_x2.....acgucgugggaGcacggggugccgaac.....	1
Gi1_4155791_x2....aucggagacgucAugggaacacggggugcc.....	1
Gi2_10955225_x2.....cgCcgugggaacacggggug.....	1
Gi2_10963519_x2.....cggagacgucgugggaacacggggG.....	1
Gi2_10955087_x2....gaGcggagacgucgugggaacacggggugcc.....	1
Gi2_10833363_x2.....gugggaCcacggggugccga.....	1
Gi2_10933689_x2.....ggagacAucgugggaacacggggugc.....	1
Gi3_28137584_x2....gaucggagUcgucgugggaacacgg.....	1
Gi1_4143255_x2.....gaacacgggguCccgaacu.....	1
Gi3_28168812_x2....aucggagacgucguggUaacacggg.....	1
Gi5_8829593_x2.....acgucgugggaacacggggCgcc.....	1
Gi3_28253934_x2....aucggagaAgucgugggaacacggg.....	1
Gi4_563534_x2.....ucgCgggaacacggggugccgaacu.....	1
Gi5_8773127_x2.uAcgaucggagacgucgug.....	1
Gi1a_5933460_x2.....cgugggaacacggggugcAgaacu.....	1
Gi1_4150793_x2.....aaNacggggugccgaacu.....	1
Gi5_8774735_x2....gaucggagacgucgugggaacCcg.....	1
Gi2_10845725_x2.....gugggaacacggggugccCa.....	1
Gi2_10919353_x2.....Cgacgucgugggaacacgggg.....	1
Gi3_28246310_x2....aucggagacgucgugggaacacgUg.....	1
Gi3_28057992_x2.....agacgucgugggaacaUggggugcc.....	1
Gi1a_5933084_x2.....Uacgucgugggaacacggg.....	1
Gi2_10957855_x2.....cgugggaacacggggugUcgaa.....	1
Gi3_28087522_x2....aucggagacgucguggAaacacgggg.....	1
Gi2_10860497_x2.....cgucgugggaacaAggggugc.....	1
Gi1_4098033_x2.....ucgugggaacacggggug.....	0
Gi5_8787299_x2.....gugggaacacggggugccgUac.....	1
Gi1_4137739_x2.....ggagacgucgugggaacacggg.....	0
Gi1_4136725_x2....aucggagacAucgugggaacacg.....	1
Gi3_27990978_x2....cgaucggaNacgucgugggaacacgg.....	1
Gi5_8825465_x2.....cgucguggGacacggggugc.....	1
Gi1_4140219_x2.....ggagacgucgugggaGcacggggugcc.....	1
Gi3_28046572_x2.....acgucgugggaacacAggggugcc.....	1
Gi1a_5943140_x2.....acgCcgugggaacacgggg.....	1
Gi1_4100241_x2.....gaUcacggggugccgaacu.....	1
Gi2_10850753_x2.....cgucgugggaacGcggggugccgaa.....	1
Gi5_8764523_x2....ucggagacAucgugggaacacg.....	1
Gi3_28237126_x2.....uggNaacacggggugccgaa.....	1
Gi2_10896477_x2.....acgucgugggaGacggggugcc.....	1
Gi3_27998160_x2.....gacgucguggGacacggg.....	1
Gi4_567214_x2.....cgugAgaacacggggugccgaacu.....	1
Gi3_28026996_x2....cgaucggagacgucgugggaacCcg.....	1
Gi2_10917753_x2....auUggagacgucgugggaacacggggugccg.....	1
Gi5_8800465_x2.....ucgugggaacacggggugccgaUc.....	1

G1a_5889382_x2.....Uucgugggaacacggggugccgaa..... 1
 Gi5_8808277_x2.....gacgucguggAaacacggggugccgaacu..... 1
 Gi2_10872953_x2.....gucgugggaacGcggggugccgaa..... 1
 Gi3_28242198_x2.....cgugggaCcacggggugc..... 1
 Gi2_10989293_x2.....gacgucgugggaacacgggAugccgaacu..... 1
 Gi3_28071538_x2.....agacgCcgugggaacacggggugcc..... 1
 G1a_5928102_x2.....Gucggagacgucguggga..... 1
 Gi4_554326_x2.....cgucgugggaacacggggCgccga..... 1
 Gi3_28008342_x2.....gugggaacacggggNgccgaacu..... 1
 Gi3_28066846_x2.....ugggaacacggggGgccg..... 1
 Gi3_28061106_x2.....gacgucgugggaacacggggugccgaaUu..... 1
 Gi3_28216548_x2.....acgucgugggGacacggg..... 1
 Gi2_10916585_x2.....aucggagacgucgAgggaacacggg..... 1
 Gi4_567268_x2.....aaUacggggugccgaacu..... 1
 Gi2_10873721_x2.....cggagacgucgugggaacacggggugGc..... 1
 Gi5_8774219_x2.....aucggagGcugcuggggaacacgg..... 1
 Gi3_27991632_x2.....gaucggCgacgucgugggaacacggggg..... 1
 Gi1_4150511_x2.....aucggagacgucgugggaCcacgggg..... 1
 Gi3_27996412_x2.....aucggagacgucUugggaacacgg..... 1
 Gi3_27994870_x2.....gUgacgucgugggaacacg..... 1
 Gi2_10924127_x2.....cgucgugggaacacggAgugcc..... 1
 Gi5_8762525_x2.....gugggaacacAgggugccgaa..... 1
 G1a_5914574_x2.....aGcggagacgucgugggaacacg..... 1
 Gi4_566418_x2.....aacacggggugccgaacA..... 1
 Gi3_28176814_x2.....acAucgugggaacacggg..... 1
 Gi3_28067858_x2.....agacgAcgugggaacacggggugccgaacu..... 1
 Gi5_8797781_x2.....aucggagCcgucgugggaacacg..... 1
 Gi3_28170314_x2.....gacgucgugggGacacggggugccg..... 1
 Gi2_10957873_x2.....gaacacggggugccgaaUu..... 1
 Gi2_10889875_x2.....aucggCgacgucgugggaa..... 1
 Gi2_10950255_x2.....agacgucgugggaaAacggggugc..... 1
 Gi5_8718225_x2.....gagacgucgugggaacacggggugcUgaacu..... 1
 Gi3_28086572_x2.....gaucggagacgucgGgggaacacggg..... 1
 Gi1_4153639_x2.....agacgucgugggaacacggggAgccgaacu..... 1
 Gi2_10943333_x2.....agUcgucgugggaacacggggug..... 1
 Gi2_10961961_x2.....gacgucgugggaacacggggUaccgaacu..... 1
 Gi2_10887693_x2.....gacgucAugggaacacggggugccgaacu..... 1
 Gi3_28101734_x2.....acgucgugggaacacggggugAcgaacu..... 1
 Gi2_10878435_x2.....acgucgugggGacacggggugccgaac..... 1
 Gi1_4111519_x2.....gCgggaacacggggugccgaacuu..... 1
 Gi5_8787265_x2.....ggaacacgUggugccgaacu..... 1
 Gi2_10965385_x2.....cgucgugggaacacggggugcAga..... 1
 Gi2_10957045_x2.....gagacgucAugggaacacggggugccg..... 1
 Gi5_8812003_x2.....aucggagacgucguAggaacacggg..... 1
 Gi3_28136648_x2.....ggaacacggggAgccgaa..... 1
 Gi3_28156666_x2.....cgucgugggaacUcggggugcc..... 1
 Gi4_565140_x2.....cgugggaacacggggugccGacu..... 1

Gi3_28142548_x2.....cgugAgaacacggggugccgaa..... 1
Gi2_10902593_x2.....cggagacgucgugggUacacggggu..... 1
Gi2_10938639_x2.....gacgucguNggaacacggggugccg..... 1
Gi2_10830753_x2.....gggaacacggggugccgaU..... 1
Gi3_28117766_x2.....gaucggCgacgucgugggaacac..... 1
Gi3_28208108_x2.....aCacgucguggggaacacggg..... 1
Gi3_28024428_x2.....cgugggaacaUggggugccgaa..... 1
Gi3_28162096_x2.....agacgucguAggaacacggggugcc..... 1
Gi2_10935371_x2.....cggagacgucgugggaacacggUgugcc..... 1
Gi3_28012386_x2.....cgugggaacacUgggugc..... 1
Gi1_4132711_x2.....gaacacggggugccgaCc..... 1
Gi3_28170272_x2.....ggagacgucgugggaacacggggUacc..... 1
Gi3_28099810_x2.....agacgucgCgggaacacgggg..... 1
Gi3_28177868_x2.....cgaucggagacgucgugAgaacacg..... 1
Gi5_8828047_x2.....acUcggggugccgaacuuu..... 1
Gi3_27997460_x2.....aGcggagacgucgugggaacacggggug..... 1
Gi2_11122628_x1..Ugaucggagacgucgugg..... 1
Gi3_28847184_x1.....ugggaacacgggCugccga..... 1
Gi3_28551081_x1..gaucUgagacgucgugggaacacggggugcc..... 1
Gi5_8970389_x1.....aucggagacgucgugggaacacggAg..... 1
Gi2_11313772_x1.....ugggaacacggggAgccga..... 1
Gi5_9042366_x1.....cgugggaacacggggugccUaac..... 1
Gi5_8976831_x1.....gugggaacacggggAgccgaa..... 1
Gi3_28550189_x1.....gucgugggaacacggggugccgaUcu..... 1
Gi2_11015436_x1cugcgauccgagacgucgugAgaacacggggu..... 1
Gi2_11113189_x1.....gaCcgagacgucgugggaacacggg..... 1
Gi2_11149341_x1.....aacacggCgugccgaacu..... 1
Gi2_11131368_x1.....agacgucgugggaacGcggggu..... 1
Gi2_11035008_x1.....ucgugggaacacggggugccgGa..... 1
Gi3_28963887_x1.....gggaacacgUggugccga..... 1
Gi3_28563241_x1.....aucggaCacgucgugggaacacggg..... 1
Gi3_28840240_x1.....ugggaaNacggggugccgaacu..... 1
G1a_6120579_x1.....ugggaacaGggggugccgaacu..... 1
Gi3_28668560_x1.....ggaAacgucgugggaacacggggu..... 1
Gi1_4321284_x1.....ucggagacgucgugggaacaUg..... 1
Gi3_28322829_x1.....cggagacgucgugCgaacacggggugcc..... 1
Gi3_28819343_x1.....Ugucgugggaacacggggugccgaa..... 1
Gi2_11161591_x1.....Gggagacgucgugggaacacggggugccgaacu..... 1
Gi2_11086516_x1..gaucggagacguUgugggaacac..... 1
Gi3_28740403_x1.....cguAgugggaacacggggugccgaacu..... 1
Gi3_28786142_x1..Acgaucggagacgucgugggaac..... 1
Gi1_4176926_x1.....guGgugggaacacggggugccgaacu..... 1
Gi5_9136647_x1.....aucgCagacgucgugggaaca..... 1
Gi3_28608358_x1.....ucgugggaacacggAgugccgaa..... 1
G1a_6189167_x1.....Aggaacacggggugccgaac..... 1
Gi2_11270476_x1.....aacacgCggugccgaacu..... 1
Gi2_11165106_x1..gGgaucggagacgucgug..... 1

Gi5_8980991_x1.....cggaAacgucgugggaacacggggugccga..... 1
 Gi3_28294608_x1...gaucggagacgucgugggaacGcggggug..... 1
 Gi3_28378442_x1...gaucggagacAucgugggaacacggg..... 1
 Gi2_11139306_x1.....ggaacacggggAgccgaa..... 1
 Gi3_28282645_x1.....guggaacaacggggugcG..... 1
 Gi1_4319330_x1.....agacgucgugggaacacggggugccgUac..... 1
 Gi1_4341799_x1...gaucggGgacgucgugggaacacgggggu..... 1
 Gi3_28850216_x1..gcgaucggagGcgucgug..... 1
 Gi1a_6330843_x1.....gacgucgugggaacacggggCgccgaacu..... 1
 Gi2_11308011_x1.....cAucgugggaacacggg..... 1
 Gi1_4261978_x1...uGggagacgucgugggaacacgggg..... 1
 Gi3_28652732_x1.....gacgucguAggaacacggg..... 1
 Gi3_28641016_x1...gaucggagacgucguggAaacacggggugc..... 1
 Gi1_4198464_x1.....ucgugUgaacacggggugcc..... 1
 Gi3_28973539_x1.....gagacgucgugggaUacg..... 1
 Gi5_9063069_x1.....gugggaUcacggggugccgaa..... 1
 Gi3_28375246_x1...cgauccgagacgucgugggaacacgC..... 1
 Gi3_28659183_x1.....acgCcgugggaacacggg..... 1
 Gi3_28737355_x1.....cggagacgucgugggaAacggggugcc..... 1
 Gi1_4165913_x1.....ggagacgucgugggaacacggggugcAgaacu..... 1
 Gi3_28942045_x1.....ucgugggaacacggggugccgU..... 1
 Gi2_11066244_x1...aAcggagacgucguggga..... 1
 Gi2_11266072_x1.....ucgugggaacacAgggugccg..... 1
 Gi5_8846235_x1...aucggagacgucgugggaacacggggugccgCacu..... 1
 Gi5_8874552_x1.....gugggaacacggggUaccgaa..... 1
 Gi3_28341450_x1...ucggagacguAgugggaaca..... 1
 Gi5_9019608_x1.....cgucgugggaGcacggggugccga..... 1
 Gi1_4356332_x1.....gugggaacaUggggugcc..... 1
 Gi3_28488998_x1.....Ggggaacacggggugccgaacuu..... 1
 Gi1_4366900_x1...cgauccgagacgucgugggaacacgg..... 0
 Gi3_28837703_x1.....aaUaccggggugccgaacuu..... 1
 Gi1_4191378_x1...gaucggagacgucguggCaacacgg..... 1
 Gi3_28491527_x1.....aacacggggugccgNacu..... 1
 Gi2_11298091_x1.....gacgucguUggaacacggggugccga..... 1
 Gi1_4237817_x1.....ucgugggaacacggggugccUaac..... 1
 Gi3_28397309_x1.....gagacgucgugggaacacggggCgcc..... 1
 Gi1a_6211101_x1.....cguAggaacacggggugcc..... 1
 Gi4_611346_x1...aAcggagacgucgugggaacacggggugcc..... 1
 Gi2_11071102_x1.....ggagacgucgugggaacacggggugccgaaU..... 1
 Gi3_28928823_x1.....aacacggggugccgCcuu..... 1
 Gi3_28985380_x1.....Aagacgucgugggaacacggggugccgaacu..... 1
 Gi3_28910134_x1.....gggaacacggggugccAaacuu..... 1
 Gi2_11184932_x1.....cgucgugggaacacggggugcA..... 1
 Gi2_11120754_x1.....gagacgucgugggaacacggAgugc..... 1
 Gi1_4325068_x1.....gaacacggggugccgCacu..... 1
 Gi3_28675818_x1.....agacgucgugggaacacggggugccgG..... 1
 Gi2_11167559_x1.....cgucgugggaacacgAgggugcc..... 1

Gi2_11359568_x1	...Aaucggagacgucgugggaaacacggggug	1
Gi2_11345505_x1	...aacCcggggugccgaacu	1
Gi1_4327042_x1	...acgucgugggaacCcggggugccg	1
Gi4_603920_x1	...gugAgaacacggggugccgaacu	1
Gi3_28328867_x1	...uggaacaAggggugccg	1
Gi5_9015342_x1	...gugggUacacggggugccga	1
Gi2_11059688_x1	...Ngugggaacacggggugccgaac	1
Gi5_9073395_x1	...gaucggagGcgucgugggaaacac	1
Gi1_4298681_x1	...aucggagGcgucgugggaaacacgggg	1
Gl1a_6274293_x1	...gugggaacNcggggugccgaac	1
Gi2_11038285_x1	...gggaacacggggugccUaacu	1
Gi1_4244145_x1	...ugggaacGcggggugccg	1
Gi3_28902587_x1	...aGcggagacgucgugggaaacacggggugccgaac	1
Gl1a_6172531_x1	ugcgauccggagacgucgugggaaGc	1
Gi1_4212845_x1	...gacgGcgugggaaacacgggggu	1
Gi5_9133234_x1	...gugggaacacggggugccgC	1
Gi2_11361519_x1	...gacgucgugggaaacacAggggu	1
Gi3_28911891_x1	...cgaAcggagacgucguggg	1
Gi1_4302220_x1	...cggaAacgucgugggaaacacggggugcc	1
Gi2_11316126_x1	...gaacacggggugccgaaGu	1
Gi2_11343646_x1	gcgauccggagCcgucgugggaaacacgg	1
Gi2_11019399_x1	...cggUgacgucgugggaaacacggggug	1
Gi2_11353185_x1	...gacgucgugAgaacacgggggu	1
Gi3_28879965_x1	...ggagacgucgugggaaacacggggugccgaG	1
Gi1_4383027_x1	...gaucggagacgucgugggaaac	0
Gl1a_6083496_x1	...gGucggagacgucgugggaaacac	1
Gi1_4387548_x1	...ggagacgucgugggaaUacggggugccgaacu	1
Gi1_4168797_x1	...gugggaacacAgggugccg	1
Gi4_600927_x1	...guggUaacacggggugccgaac	1
Gi3_28793693_x1	...gaucggagacgucgugggaaacacggAgugcc	1
Gi2_11156589_x1	...cgauccggagacgGcgugggaaacac	1
Gi3_28281011_x1	...cgucgugggaaacCcgggg	1
Gi5_9032690_x1	...agacgucgugAaacacggggugccgaac	1
Gi3_28638353_x1	...agacgucgugAgaacacggggugcc	1
Gi2_10994167_x1	...agacgucgugggaaacGcggggugccgaac	1
Gi5_8888406_x1	...Ucgucgugggaaacacggggugccgaacuuu	1
Gl1a_6103669_x1	...gggaacacggggugcAgaacu	1
Gi2_11147578_x1	gcgNucggagacgucgugggaaacacggg	1
Gl1a_6330344_x1	...aucggagacgucgugAgaacacgggggu	1
Gi2_11390093_x1	...cgauccggGgacgucgugggaaacac	1
Gi3_28773657_x1	...gugggaacacggggugccCaa	1
Gi2_11303929_x1	...cggaUacgucgugggaaacacg	1
Gi5_9053409_x1	...gaucggagacgucgugAgaacacgg	1
Gi2_11254428_x1	...gucgugggaaacGcggggugccg	1
Gl1a_6302716_x1	...ugggaacacggCgugccgaacu	1
Gi2_11053412_x1	...gucgugggaaacacggggug	0
Gl1a_6151794_x1	...gCgaacacggggugccgaa	1

Gi3_28712193_x1...gaucggagacgucgugUgaacacggggu..... 1
Gi1_4258260_x1.....agacgucguggAaacacggg..... 1
Gi2_11118874_x1.....cgucgugCgaacacggggugccgaacu..... 1
Gi1_4237373_x1.....ucguggaacaAggggugccgaacu..... 1
G1a_6316284_x1.....ggagacgucguggAaacac..... 1
Gi2_11142885_x1.ugcgauCGNagacgucgugggaacacg..... 1
Gi3_28690215_x1.....gacgucgugggaacaUggg..... 1
Gi3_28890054_x1.ugcgauCGgagacgucGC..... 1
Gi3_28304405_x1.....cguggaacaacgggCugcc..... 1
Gi2_11285018_x1.....cggagacgucgugggaacacUgggugcc..... 1
Gi2_11210708_x1.....cgaUacgucgugggaacacggggugccga..... 1
Gi2_11225544_x1...gaucggagacgucguUggaacac..... 1
Gi3_28342185_x1...cgauCGgagacgucgugUg..... 1
Gi2_11217651_x1.....cggagacgucgugggaAaacggggu..... 1
Gi3_28366014_x1.....agacgucgugggaacacUgggugccgaa..... 1
Gi2_11333671_x1...gaucggagacgucgugggaUacggggugcc..... 1
Gi1_4241795_x1.....cgugUgaacacggggugccgaacu..... 1
Gi3_28684411_x1.....agacgucgugggaUacggggugccga..... 1
Gi3_28645682_x1.....cCgagacgucgugggaacac..... 1
Gi2_11031034_x1.....ucguggaacaacggggugUcgaa..... 1
Gi2_11048682_x1.....cguggaacaacggggugcAga..... 1
Gi5_8876791_x1.....ucguggaacGcggggugccgaac..... 1
Gi3_28689546_x1.....gucguggaacaacgggAugcc..... 1
G1a_6342655_x1.....acguUguggaacaacggggu..... 1
Gi4_576864_x1.....gucguggaacCggggugccga..... 1
Gi1_4327534_x1...cgauCGgagacgucgugU..... 1
Gi3_28409597_x1.....cggagacgucgugggaacacggggugccAa..... 1
Gi5_8987905_x1.....aucGUagacgucgugggaacac..... 1
Gi5_8936980_x1.....agacgucguggAaacacggggugccgaacu..... 1
Gi1_4264513_x1.....gagacgucguggUaacacggggugccgaacu..... 1
Gi2_11139991_x1.....acgucgugggaacacgAggugccgaacu..... 1
Gi1_4269759_x1.....cgAgggaacaacggggugccga..... 1
Gi1_4193415_x1.....cggagacgucgugggaacacAgggugc..... 1
Gi5_9105812_x1.....acgucgugggaacGcggggugccgaac..... 1
Gi1_4381477_x1.....cgucguggUaacacggggugccgaacu..... 1
Gi2_11191714_x1.....gagacgucgugggaacacgggCug..... 1
Gi3_28679122_x1.....gucgugggaacacggggugcAga..... 1
Gi2_11118558_x1.....agacgucNgggaacacggggugccgaa..... 1
Gi3_28512226_x1.....cgUagacgucgugggaacac..... 1
Gi3_28309262_x1.....gaacacggNgugccgaacu..... 1
Gi2_11353046_x1.....cguggaacaAggggugccga..... 1
Gi5_9001498_x1.....ugggaaUacggggugccgaacuuu..... 1
Gi3_28623172_x1.....cggagacgucgugggaacacggggugcUg..... 1
Gi3_28913063_x1.....guggaacaacggggugccNaac..... 1
Gi3_28985650_x1.....agacgucNgggaacacggggu..... 1
G1a_6047474_x1.....gucgAgggaacaacggggugccgaacu..... 1
Gi1_4254413_x1.....ugggaacaacgCgggugccgaacu..... 1

Gi2_11170793_x1.....Agucgugggaacacggggugccga..... 1
 Gi3_28389049_x1.....Ccgucgugggaacacggggugccgaa..... 1
 Gi2_11031614_x1....gaucggagacgCcgugggaac..... 1
 Gi5_8930557_x1.....Ugacgucgugggaacacggggugccga..... 1
 Gi2_11280712_x1..gcgaucggNgacgucgugggaacacggg..... 1
 Gi4_585580_x1.....Ucgucgugggaacacggggugccgaacu..... 1
 Gi2_11168519_x1....gaucggagacgucGgggaacacggggg..... 1
 Gi5_8930869_x1....aucggaUacgucgugggaacac..... 1
 Gi3_28978603_x1....ucggagacgucgugggaacacggggugccgG..... 1
 Gl1_6315566_x1....aucggagacgucgugggaacaUggggg..... 1
 Gi1_4380659_x1.ugUgaucggagacgucgugggaaca..... 1
 Gi3_28401813_x1....aucggagacgucguggCaacacgggg..... 1
 Gi1_4258367_x1....gaucggagacgucguggAaacac..... 1
 Gi1_4370350_x1....cggagacgucgugggaacacg..... 0
 Gi3_28574391_x1.....gggaacUcggggugccga..... 1
 Gi5_8834860_x1.ugcgauNagacgucgugg..... 1
 Gi1_4354864_x1.....ucAugggaacacggggugccg..... 1
 Gi3_28609589_x1....cggagacgucgugggaacacggggugcU..... 1
 Gi1_4319439_x1.....gaUgucgugggaacacggggugccg..... 1
 Gi3_28688492_x1.....agacgCcgugggaacacggg..... 1
 Gi2_11248460_x1....gagacgucgugggaacacggggugccgCacu..... 1
 Gi3_28963821_x1.....gCcgugggaacacggggugccga..... 1
 Gi5_9092751_x1.....cgucguAggaacacggggugccgaac..... 1
 Gi2_11242936_x1.....cgucgugggaacacAgggugccgaa..... 1
 Gl1_6147578_x1....Aaucggagacgucguggga..... 1
 Gi5_9107007_x1.....ucguUggaacacggggugccgaac..... 1
 Gi2_11198605_x1.....cgAgggaacacggggugccg..... 1
 Gi2_11205126_x1....aucggagacguAgugggaacacg..... 1
 Gi1_4307503_x1.....ggaacacggggguAccgaac..... 1
 Gl1_6263650_x1.....cgugggaacUcggggugccgaacu..... 1
 Gi2_11202595_x1....cggagacguGgugggaacacg..... 1
 Gi3_28629292_x1....gaucggagacgucgugAgaaca..... 1
 Gi3_28384105_x1.....ggagacgucgugggaacacgggggU..... 1
 Gi1_4368670_x1....aucAgagacgucgugggaacacgggg..... 1
 Gi3_28762678_x1....gaucggagacgucAugggaacacggggugc..... 1
 Gi3_28951989_x1....aucggagacgCcgugggaacacggggugccgaac..... 1
 Gl1_6045006_x1.....ggaacacggggugccgaCcu..... 1
 Gi3_28364139_x1....auAggagacgucgugggaacacg..... 1
 Gi3_28983725_x1.....uGgugggaacacggggug..... 1
 Gl1_6139174_x1.....cgugggaacUcggggugcc..... 1
 Gl1_6016308_x1.....gugggGacacggggugccga..... 1
 Gi2_11079803_x1....Gcggagacgucgugggaac..... 1
 Gi1_4273652_x1.....acgucgugggaacacggggAgcc..... 1
 Gi5_8978669_x1.....gUaacacggggugccgaa..... 1
 Gl1_6032304_x1..gUgaucggagacgucgug..... 1
 Gi5_8832899_x1.....gggaacacggggguAccgaa..... 1
 Gi3_28724451_x1....cgNcgugggaacacggggugccgaacu..... 1

Gi5_8862117_x1	.....gaucggagacgucgugAgaacacg.....	1
Gi5_9060853_x1	.....aucggagacgCcgugggaaca.....	1
Gi2_11352061_x1	.....acgucgugggaacaAggggugccga.....	1
Gi3_28630688_x1	.....gagacgucgugggaacacgggg.....	0
Gi2_11046009_x1	.....gucgugggaacacggggAgccga.....	1
Gi1_4238076_x1	.....ucggagacgAcgugggaacacgggg.....	1
Gi1_4174464_x1	.....cgugggaacGcgggugccgaac.....	1
G1a_6328464_x1	.....gucgugggNacacggggugcc.....	1
Gi5_8835936_x1	.....acuuucccagcgUgccugugcccacc.....	1
Gi3_28272022_x1	.....uNgugggaacacggggugccgaacu.....	1
Gi2_11391185_x1	.....ucAgagacgucgugggaacacggggg.....	1
Gi3_28282485_x1	.....ucggagacgAcgugggaacac.....	1
Gi2_11233902_x1	.....cggagacgNcgugggaaca.....	1
Gi3_28838063_x1	uUcgauccgagacgucgugggaacacggggg.....	1
Gi2_11083912_x1	.....ucggagacgucgugAgaacacg.....	1
Gi3_28738715_x1	.....ucgugggaacaAggggugccgaac.....	1
Gi2_11303853_x1	.....gaucggagacgucgugggaacacgggU.....	1
Gi3_28856103_x1	.....gucgugggaacacggcCgugcc.....	1
Gi4_578422_x1	.....ucgugggaacacggggugccUaacu.....	1
Gi4_571901_x1	ugcgauccgagacgucgugggaacac.....	0
Gi3_28335977_x1	.....cggagacgucgugggaacacA.....	1
Gi1_4218468_x1	.....ucggagacgucAugggaacacg.....	1
Gi3_28834180_x1	.....acgucgugggaacacAgg.....	1
Gi2_11313282_x1	.....cgucgugggaacacgggCugccgaacu.....	1
Gi2_11108709_x1	.....aucggUgacgucgugggaa.....	1
Gi2_11100770_x1	.....gugggaacacggggugGcgaa.....	1
Gi3_28452377_x1	.....gNgggaacacggggugccgaac.....	1
Gi4_613798_x1	.....gaacacggNgugccgaacu.....	1
Gi3_28565849_x1	.....Nugggaacacggggugccg.....	1
Gi2_11383106_x1	.....uGggagacgucgugggaacacgggg.....	1
Gi2_11351485_x1	.....gaucggagCcgucgugggaacacggggugcc.....	1
Gi3_28302697_x1	gcgaCcgagacgucguggga.....	1
Gi3_28620522_x1	.....ucggagacgucgugggaacaAgggg.....	1
Gi2_11234850_x1	.....ggagacgucgugggaacaA.....	1
G1a_6141373_x1	.....cggagacgucgugggaGcacggg.....	1
Gi3_28398628_x1	.....ucggagacgCcgugggaaca.....	1
Gi3_28673091_x1	.....cgugggaacaAggggugccg.....	1
Gi3_28552725_x1	.....ggagacgucgugggaacac.....	0
G1a_6085658_x1	.....aucggagacgucgugggaacacggCg.....	1
Gi2_11350056_x1	.....aucggagacgucgugggaacacAg.....	1
Gi2_11097560_x1	.....gugggaaGacggggugccgaa.....	1
Gi2_11024595_x1	.....gugggaacacggggugcAga.....	1
Gi3_28808150_x1	.....Caucggagacgucgugggaacacggggugccg.....	1
Gi3_28391473_x1	.....aucggagacgCcgugggaacacgggg.....	1
Gi2_11389550_x1	.....gucgugggaacacggggugA.....	1
Gi2_11069502_x1	.....ggagacgucgugggaacGcggggug.....	1
Gi3_28294614_x1	.....cgucgugCaacacggggugc.....	1

Gi3_28677986_x1.....aucggagacUucgugggaacacgg..... 1
Gi3_28799723_x1.....aucggagacguAgugggaacacg..... 1
Gi2_11073660_x1.....uggAaacacggggugccgaacuu..... 1
Gi3_28912650_x1..Ucgauccgagacgucgugggaacacggggug..... 1
Gi2_11125928_x1.....gaucggagacgucgugggaacUcggggugcc..... 1
Gi2_11165980_x1.....cAucgugggaacacggggugccgaac..... 1
Gi3_28866673_x1.....cgucgugggaacacCggg..... 1
Gi1_4220535_x1.....aucggagacgucgugggaacaUg..... 1
Gi3_28636499_x1.....auAggagacgucgugggaacacgg..... 1
Gi3_28315878_x1.....acacggggNgccgaacuu..... 1
Gi2_11200488_x1.....ucggagacguUgugggaacacggggugc..... 1
Gi5_8883935_x1.....acUucgugggaacacggggugccgaac..... 1
Gi5_9021028_x1.....acgucgugggaCcacggggugccgaac..... 1
Gi1_4244440_x1.....cgucgugggCacacggggugcc..... 1
Gi2_11355610_x1.....Acggagacgucgugggaacacgggg..... 1
Gi5_9115980_x1.....gugggaacacggggUaccg..... 1
Gi3_28295354_x1.....cgugggaacacgggUugccg..... 1
Gi3_28276702_x1.....cggagacgucgugggaacacgAg..... 1
Gi1_4246474_x1.....acgucgugggaacacggggAgccgaacu..... 1
Gi3_28652015_x1.....cgucgugggaacaUggggugccgaa..... 1
Gi2_10993657_x1.....cgauccgagacguUgugggaacacggg..... 1
Gi2_11139858_x1.....agacgucgugggaacacgAggugccga..... 1
Gi3_28911524_x1.....gucgugggaacacggggugA..... 1
Gi2_11392832_x1.....gacgucgugggaacacggggugAcg..... 1
Gi5_8830899_x1.....ucgugggaacCggggugcc..... 1
Gi3_28445666_x1.....gacgucgAgggaacacggg..... 1
Gi2_11235763_x1.....ugggaacacggggugccgaU..... 1
Gi1_4253366_x1.....gacgCcgugggaacacggggugcc..... 1
Gi4_603115_x1.....auAggagacgucgugggaacacggggugcc..... 1
G1a_6212267_x1.....cgugggaacacggggCgcccgaac..... 1
G1a_6214735_x1.....acgucgugggaCcacggggugccgaacu..... 1
G1a_6328193_x1.....ggaacacgggCugccgaacu..... 1
G1a_6164968_x1..ugcgauccgagacgucUg..... 1
Gi5_8893126_x1.....gagacgucgugggaGcacg..... 1
Gi4_609212_x1.....Caacacggggugccgaacu..... 1
G1a_6118270_x1.....aucgUagacgucgugggaacacggggg..... 1
Gi5_8935569_x1.....cguggAaacacggggugc..... 1
Gi3_28627026_x1..gcgaGcggagacgucgugggaacacggg..... 1
Gi1_4187356_x1.....gCcgugggaacacggggug..... 1
Gi3_28849959_x1.....aucggagacgucgugggaacacggggugccgaCc..... 1
Gi2_11256263_x1.....cgucgugggaacacggggg..... 0
Gi2_11380151_x1.....aucggagacAucgugggaacacggggug..... 1
Gi2_11384385_x1.....gaucggagacgucgugggaacacggggugccgaacA..... 1
Gi2_11135749_x1.....ggagacgucgugggaAacggggugcc..... 1
G1a_6120721_x1.....ucggagacgucgugggaacCggggugc..... 1
Gi1_4287381_x1.....acgucgugggCacacggggugccgaacu..... 1
Gi2_11077807_x1.....Nucggagacgucgugggaacacggggugcc..... 1

Gi2_11119671_x1.....ucggagacNucgugggaacac..... 1
 Gi2_11142481_x1...gaucggagacgucguAggaaacacggg..... 1
 Gi1_4384652_x1.....gacgucgugggaaUacggggugcc..... 1
 Gi2_11106817_x1.....ucggagGcgucgugggaaacacgggg..... 1
 Gi4_569912_x1.....gugggaacacggggugccgaG..... 1
 Gi3_28648564_x1.....ggagacgucgugggaaacacggggCgccga..... 1
 Gi3_28582647_x1....aucggagacgucgugggaaacacggggGgccgaacu..... 1
 Gi3_28662362_x1.....ggagacgucgugggCacacggggugcc..... 1
 Gi3_28969706_x1.....cgucgugggaaacacgUggugc..... 1
 Gi2_11220097_x1.....acgucgugggaaacacggggugccUacu..... 1
 Gi3_28505871_x1.....ggagacgucgugggUacacggggugccgaa..... 1
 Gi1_4367318_x1.....agGcgucgugggaaacacggggugccgaacu..... 1
 Gi2_11347654_x1.....agacgucgugggaaacacggggugccgaacuA..... 1
 Gi3_28961832_x1.....gacgucgugggCacacggg..... 1
 Gi3_28502334_x1.....acgucgugggaaacacggggugGcgaac..... 1
 Gi3_28654780_x1.....cggagacgucgGggaaacacgggg..... 1
 Gi2_11193383_x1....aucggagacgucgugggaaacacggggCugcc..... 1
 Gi2_11245259_x1.....acgucgugggaaacacggggugccAaacu..... 1
 Gi1_4272121_x1.....cguUggaacacggggugccgaacu..... 1
 Gi3_28742296_x1.....ucgugggaaacacgUggugccgaac..... 1
 Gi2_11237777_x1.....agacgucgugggaaacacggggCgccg..... 1
 Gi1_4322489_x1.....ggaaacacggggugccgCac..... 1
 Gi4_613083_x1.....cgugggaaacacgUggugccgaacu..... 1
 G1a_6106449_x1.....ggagacgucgugggaaacacggggGgc..... 1
 Gi3_28459918_x1..gcgaucggagacgucgCgggaacacggg..... 1
 Gi2_11029013_x1.....gagacgucguAggaaacacggggugc..... 1
 Gi4_611087_x1.....ugggaacacggggugccgaa..... 0
 Gi2_11036564_x1.....gucgCgggaacacggggugccgaa..... 1
 Gi1_4245930_x1.....ggaacacCggggugccgaacu..... 1
 Gi2_11084750_x1....aucggagacgucgugggaaacacggggGgccg..... 1
 Gi3_28977401_x1.....gacgucgugggaaacCggggugccgaacu..... 1
 Gi2_11098121_x1.....acgucgugggaaacCggggugc..... 1
 Gi5_9017717_x1.....cgucgugggaaacacggggugccga..... 1
 Gi1_4216268_x1.....ucggagacgucgugggaaacacg..... 1
 Gi5_9013082_x1.....cgugggaaacacggAgugcc..... 1
 Gi3_28671939_x1...gUucggagacgucgugggaaacacggggug..... 1
 Gi5_8920634_x1.....ggagacgucgugGaaacacggggugccgaacu..... 1
 Gi2_11353603_x1...gaucggagacgucgGggga..... 1
 Gi3_28311568_x1.....ucggagacgucgugggaaacacggggGgcc..... 1
 Gi2_11107956_x1.....cggagacgCcgugggaaacacg..... 1
 G1a_6040698_x1....aucggagacgucgugggaaacCggggug..... 1
 Gi4_600100_x1.....acgucgugggaaacacggggugccgCacu..... 1
 Gi3_28550315_x1.....cgucCugggaaacacggggugccg..... 1
 Gi3_28594175_x1...gaucggagacgucgugggCacacggggugc..... 1
 Gi3_28732975_x1....aucUgagacgucgugggaaacacgggg..... 1
 Gi3_28423268_x1.....ucguggCaacacggggugccgaa..... 1
 Gi2_11215250_x1.....gagacgucgugggaaacacggggUccgaacu..... 1

Gi2_11143258_x1.....aucggagacgucgugggaaUacgggg..... 1
Gi3_28980992_x1.....cgucgugggaacacgggguA..... 1
Gi2_11250310_x1.....ugggaacacgggguAccga..... 1
Gi1_4259715_x1.....ucgugggaCcacggggugccgaa..... 1
Gi5_8985350_x1....gaucggagacgucgugggGacacg..... 1
Gi3_28879032_x1.....ggagacguNgugggaacacggggugccga..... 1
Gi3_28446330_x1.....ucgugggaCcacggggugccga..... 1
Gi2_11089603_x1.....ugggCacacggggugccgaa..... 1
Gi5_9129050_x1.....acgucgugggaacGcggggugccga..... 1
Gi2_11297268_x1....gaucggagacgucguggggaacacgCggu..... 1
Gi5_9006437_x1.....Ugucgugggaacacggggugccga..... 1
Gi4_574258_x1....gaAcggagacgucguggggaacacggg..... 1
Gi5_8921686_x1.....gaAgucgugggaacacggggugccgaacu..... 1
Gi5_8877968_x1....aucggGgacgucguggggaacacggggugc..... 1
Gi2_11225060_x1....gGucggagacgucguggggaacacggggugcc..... 1
Gi2_11106205_x1.....gacgucgugggaCcacggggugcc..... 1
G1a_6313170_x1.....gugAgaacacggggugccgaac..... 1
Gi2_11200223_x1.....agacgucgugCgaacacggggugc..... 1
Gi1_4218624_x1.....gagaUgucgugggaacacggggugccgaacu..... 1
Gi4_567457_x1.....agacgucgNgggaacacggggugccgaacu..... 1
Gi2_11214558_x1.....cgucgugggaCcacggggugccgaac..... 1
Gi2_11156498_x1....cgauccgagacgucguggggaGcacggg..... 1
Gi1_4308818_x1.....aacacggggugccgaCcuu..... 1
G1a_6245317_x1....aucggagacgucgugAgaacacggg..... 1
Gi3_28941250_x1.....cggagacgucguggggaacacggggGgccgaacu..... 1
Gi2_11360434_x1....cgUagacgucguggggaaca..... 1
Gi2_11255009_x1.....gugggaacacgCggugccg..... 1
Gi2_11040597_x1.....gugggaUcacggggugccga..... 1
Gi2_11365090_x1....aucggagaUgucguggggaaca..... 1
Gi1_4334876_x1.....acgucgugggaacCcgggugcc..... 1
Gi1_4221133_x1.....acgucgAgggaacacggggugccgaacu..... 1
Gi1_4164106_x1.....acgucguggAaacacggggugcc..... 1
Gi2_11312986_x1.....gacgucgCgggaacacgg..... 1
Gi2_11379039_x1.....gggaacacggCgugccgaacu..... 1
Gi5_8896311_x1.....acacggggugcUgaacuuu..... 1
Gi3_28492636_x1.....ugggaacacgCggugccga..... 1
G1a_6306128_x1....Acggagacgucguggggaacacgg..... 1
G1a_6085840_x1.....cgugggaacacggggugccA..... 1
Gi2_11145505_x1....cgauccgagacgucguggggaCcacggggug..... 1
Gi3_28336215_x1.....Aacgucguggggaacacggggugcc..... 1
Gi3_28635996_x1.....acgucguggggaacacggggugccCaacu..... 1
Gi2_11062247_x1.....gugggaacacggggugAcgaa..... 1
Gi1_4213141_x1.....gAagacgucguggggaacacggggugcc..... 1
Gi1_4225865_x1.....Agggaacacggggugccgaac..... 1
Gi5_9014322_x1.....ucguggCaacacggggugccgaac..... 1
Gi1_4179114_x1.....agacgucguggCcacggggugccgaacu..... 1
G1a_6237566_x1.....gacguUguggggaacacggggg..... 1

Gi3_28768230_x1.....aucggagacgucgugggaaUac..... 1
Gi2_11080391_x1.....cgugggaaacacgCggugccga..... 1
Gi2_11095628_x1.....gaucggagacgucguggAaaca..... 1
Gi3_28962790_x1.....gagaUgucgugggaaacacggggu..... 1
Gi2_11369382_x1.....acgucgugggaaacacgggAugcc..... 1
Gi2_11138233_x1.....cgauccgagacgucgugggGcaccg..... 1
Gi3_28921487_x1.....aucggagacguAgugggaaacacggg..... 1
Gi4_588889_x1.....gugggaacacggggugccgUacu..... 1
G1a_6131155_x1.....gaucggagacgucguUggaa..... 1
Gi2_11036193_x1.....gaucggagacgucgugUgaacac..... 1
G1a_6004077_x1.Cgcgaucggagacgucgu..... 1
Gi2_11012581_x1.ugcgaucggGgacgucgugggaaaca..... 1
Gi3_28483621_x1.....cggagacguUgugggaaacacggggugccgaacu..... 1
Gi2_11403354_x1.....Cgacgucgugggaaacacggggugccgaac..... 1
Gi2_11162057_x1.....cggagacgucgugggaaacUcggggugcc..... 1
Gi2_11167665_x1.....gacgucgugggaaGacggggugcc..... 1
G11_4288269_x1.....gagacgucgugggaaacacggggugccgaacu..... 0
Gi2_11132452_x1.....gagacgucgugggaaacaUggggugccgaacu..... 1
G11_4371593_x1.....ucggagacgucgugggaaacacggggugA..... 1
Gi2_11134102_x1.....cgugggaaacacggggGgccga..... 1
Gi3_28465573_x1.....agacgucgugggaaAacggg..... 1
Gi2_11264968_x1.....cggagaUgucgugggaaacacggggugcc..... 1
Gi5_9100732_x1.....agacgucgugggaaCcacggggugccgaac..... 1
Gi2_11203010_x1.....cgAcgugggaaacacggggugccgaa..... 1
G11_4269033_x1.....gagacgucgugggaaGacggggugccgaacu..... 1
Gi2_11256240_x1.....aucggagacgucAugggaa..... 1
Gi2_11138303_x1.....Caucggagacgucgugggaaacacggggug..... 1
Gi2_11008382_x1.....gauNggagacgucgugggaaacacggggugc..... 1
Gi3_28807723_x1.....gugggaacacgggUugccgaa..... 1
Gi3_28617598_x1.....ggaacacggUgugccgaa..... 1
Gi2_11389867_x1..gNgaucggagacgucgugggaa..... 1
Gi3_28656718_x1.....cggagacgucgugggUaacacggg..... 1
Gi2_11238122_x1.....gagacgucAugggaaacacggggugc..... 1
Gi3_28507154_x1.....gucgugggaaacGcggggug..... 1
Gi2_10993227_x1..gCgaucggagacgucguggUa..... 1
Gi3_28969845_x1.....gAgggaacacggggugccgaacu..... 1
Gi2_11298927_x1.....gaucggagacgucgCgggaacacggggugc..... 1
Gi3_28797821_x1..cgauccgagacgucgugAg..... 1
Gi5_8940636_x1.....cgucgugggaaacacggggugccgaUcu..... 1
Gi3_28826877_x1.....cggagacgucgugggaaAacggg..... 1
Gi3_28749277_x1.....acgucgugggaaacacggAgugccgaac..... 1
Gi5_9035495_x1.....gugggaacacggUgugcc..... 1
G1a_6359968_x1.....gggaacacNgggugccgaac..... 1
Gi3_28326781_x1.....gaucUgagacgucgugggaaacacggggugccga..... 1
Gi3_28351861_x1.....ucgugggGacacggggugc..... 1
G11_4227534_x1.....acgucgugggaaacacggggugccAa..... 1
G11_4302484_x1..cCaucggagacgucgugggaaacacgggg..... 1

Gi3_28526411_x1.....gacgucgugggUacacggggugccg..... 1
 Gi2_11379852_x1.....ggagacAucgugggaacacggggugccgaacu..... 1
 Gi3_28629756_x1.....ggagGcgucgugggaacacggggugccgaacu..... 1
 Gi3_28399668_x1...gCucggagacgucgugggaacacggggugc..... 1
 Gi1_4234322_x1.....cCugggaacacggggugccg..... 1
 Gl1a_6145285_x1.....gCgggaacacggggugccgaa..... 1
 Gl1a_6229925_x1....aucgUagacgucgugggaacacgggg..... 1
 Gi2_11157716_x1.....ggagacgucgugggaacacggggAgccg..... 1
 Gi2_11225583_x1.....cggagacgucgugCgaacacggggg..... 1
 Gi3_28676114_x1.....ucggagacgucgGgggaacacggggg..... 1
 Gi4_593597_x1.....gggaacacgggUugccgaacu..... 1
 Gi2_11012039_x1....aucgAagacgucgugggaacac..... 1
 Gi2_11364518_x1.....acgucgAgggaacacggggugc..... 1
 Gi3_28365121_x1....gauUggagacgucguggga..... 1
 Gi1_4194113_x1.....uggUaacacggggugccgaacu..... 1
 Gi1_4312465_x1.....acgucgugggaacacggggugc..... 0
 Gi3_28547924_x1.....gacgucgugggaacacgCggugccgaacu..... 1
 Gi5_9045110_x1.....ugggaacacggggugccgUa..... 1
 Gi2_11264700_x1.....agacgucgugggaacacUgggugcc..... 1
 Gi1_4307275_x1.....cgAgggaacacggggugccg..... 1
 Gl1a_6162471_x1.....cguNgggaacacggggugccgaacu..... 1
 Gi1_4338330_x1....gaucggagacgucgugggUacacgg..... 1
 Gl1a_6248337_x1....cgauccggagacgucguggCaacacggg..... 1
 Gi3_28319666_x1.ugcgauccggGgacgucguggga..... 1
 Gl1a_6287074_x1.....acgucgugggaacUcggggg..... 1
 Gi2_11162766_x1.....aNcacggggugccgaacu..... 1
 Gi3_28619953_x1.....ugggaacacUgggugccgaa..... 1
 Gi3_28495759_x1.....acgucgugggaaUacggg..... 1
 Gi3_28279419_x1....gaucggagGcgucguggg..... 1
 Gi3_28617291_x1.....ggaacacggggugccAaa..... 1
 Gi2_11096317_x1.....gugggaacacgggUugccgaacu..... 1
 Gi3_28859820_x1.....Aagacgucgugggaacacggggugcc..... 1
 Gi5_8833544_x1.....acgucgugggaacacggggugcU..... 1
 Gi2_11166568_x1....Ggaucggagacgucgugggaacacgggggug..... 1
 Gi3_28535206_x1....Ugaucggagacgucgugggaacacgggg..... 1
 Gi2_11155939_x1....aucggagacguGgugggaacacggggugc..... 1
 Gi2_11261113_x1....aucgCagacgucgugggaacacggggg..... 1
 Gl1a_6303637_x1.ugUgaucggagacgucguggga..... 1
 Gi3_28605245_x1....gaucggagacgucgugggaacaGg..... 1
 Gi2_11143376_x1....gCGGucggagacgucguggga..... 1
 Gi3_28797323_x1....gaucggagNcgucgugggaaca..... 1
 Gi1_4267381_x1....gaCcgagacgucgugggaacacgg..... 1
 Gi2_11295790_x1.....guggCaacacggggugccga..... 1
 Gi2_11319798_x1....aucggagacgucgugggaacacggAgugccgaacu..... 1
 Gi5_8843374_x1.....agacgucguCggaacacggggugccgaacu..... 1
 Gi2_11032815_x1.ugcgauccggagacgucgugggaacacA..... 1
 Gi3_28387195_x1.....gacgucgugggaacaGggggugccg..... 1

Gi3_28818550_x1.....gggaacacgggguUccgaacu..... 1
 Gi2_11368188_x1.....cAgagacgucgugggaacacggggug..... 1
 Gi3_28423673_x1.....gaUgucgugggaacacggggugccg..... 1
 Gi2_11073667_x1.....gagacgucgugggCacacggggug..... 1
 Gi2_11320433_x1.....ggagacgucgugUgaacacggggugcc..... 1
 Gi2_11079995_x1.....gCgucgugggaacacggggugccgaacu..... 1
 Gi1_4223786_x1....aucAgagacgucgugggaacacgg..... 1
 Gi3_28864141_x1.....Uagacgucgugggaacacggg..... 1
 Gi5_8831431_x1.....acuucccagcgccugcugcUcacc..... 1
 Gi5_8964789_x1.....ucgugggaacacCgggugccgaacu..... 1
 Gl1a_6334834_x1.....cggagacgucgugggaAacggggug..... 1
 Gi3_28505523_x1.....ugggaacacggggugGcg..... 1
 Gi5_8916650_x1.....gggaCcacggggugccgaac..... 1
 Gi3_28858179_x1.....agacgucgugggaacacgUggugccgaacu..... 1
 Gl1a_6104028_x1....gaucggagacAucguggg..... 1
 Gi1_4319359_x1.....ugggaacaGggggugccga..... 1
 Gi3_28560488_x1.....ggagCcgucgugggaacacggg..... 1
 Gi1_4350577_x1.....gucgugggaacacggggugccgCac..... 1
 Gi1_4354010_x1..gcgauccgNgacgucgugggaacacggggugc..... 1
 Gi2_11371625_x1....gaucggagacgucgugggaAa..... 1
 Gi2_11334140_x1..ugcgauccgagacAucguggga..... 1
 Gi4_582176_x1.....gugggaacacggggGgcccga..... 1
 Gi5_8889801_x1.....agacgucgugggaacacggggugccgCac..... 1
 Gi3_28867293_x1.....ggagCcgucgugggaacacggggugccg..... 1
 Gi1_4348697_x1..gcgauccgagacgucgugggaacacggg..... 0
 Gi4_610900_x1.....ugggaacacggggugcUgaacu..... 1
 Gi2_11295828_x1.....gucgugggaacacggggCugccgaacu..... 1
 Gi1_4288014_x1.....aAacgucgugggaacacggggugcc..... 1
 Gi1_4272206_x1.....cggagaUgucgugggaacacggg..... 1
 Gi1_4385604_x1.....cgucgugggaacacggggugccgU..... 1
 Gi3_28443102_x1.....agacUucgugggaacacggggugcc..... 1
 Gi3_28774643_x1.....gacgucgugAgaacacggggugc..... 1
 Gi3_28543623_x1.....Uggagacgucgugggaacacg..... 1
 Gi2_11124407_x1....cgauccgagacgucgCgggaacac..... 1
 Gi3_28510652_x1.....ucgugggaacacggggugcAg..... 1
 Gi2_11312481_x1.....cgucgugggaacaUggggugc..... 1
 Gi3_28740229_x1....Gucggagacgucgugggaacacggggugccgaacu..... 1
 Gi3_28673876_x1.....Cucgugggaacacggggg..... 1
 Gi5_8877566_x1.....gugggaacacggggugUcgaa..... 1
 Gi1_4311077_x1.....ucgugggaGacggggugccgaacu..... 1
 Gi5_9085664_x1....gaucggagacgucgugggaacaAggg..... 1
 Gi3_28612262_x1.....gagCcgucgugggaacacggggugccgaacu..... 1
 Gi1_4322613_x1.....agacgucgugggaacacggAgugcc..... 1
 Gl1a_6039076_x1....cgauccgagacgucgugggaCcacggggugc..... 1
 Gi3_28297820_x1.....acgucgugggaacacggU..... 1
 Gi5_8876728_x1.....gucgugggaacCggggugccgaac..... 1
 Gi3_28351635_x1.....Ngggaacacggggugccgaac..... 1

Gi3_28922372_x1.....gucgugggaacacggggugUc..... 1
 Gl1_6055296_x1....gaucggagacgucgugggaGcac..... 1
 Gi3_28848243_x1.....cggagacgucgugggaCcacg..... 1
 Gi1_4304939_x1.....cggagacgucguUggaacacgggg..... 1
 Gi2_11001341_x1.....cgucgugggaUcacggggugccg..... 1
 Gi1_4294151_x1.....acgucgugggaacacggggugccgaUcu..... 1
 Gi3_28594698_x1.....cgugggaacaGggggugccga..... 1
 Gi2_11282802_x1.....cgucgugggGacacgggg..... 1
 Gi1_4302803_x1.....gacgucgugggaacacgggCugccgaacu..... 1
 Gi5_8959021_x1.....gagacgucgugggaacCggggugcc..... 1
 Gi2_11059026_x1.ugcgauccggaCacgucgugggaacacg..... 1
 Gi5_9012429_x1.....uggaacaacggUgugccgaac..... 1
 Gi3_28788641_x1.....cggagacgucgugAgaacacggggugccg..... 1
 Gi2_11178120_x1....aucggagacgucgugggaacacggUgugcc..... 1
 Gi2_11353473_x1.....gagacgucgugggaacacggggugcUg..... 1
 Gi2_11003544_x1.....ggagacgucgugggaacacgAggugcc..... 1
 Gi5_8922740_x1.....gacgucgAgggaacacggggugccgaacu..... 1
 Gi1_4310413_x1.....ucgugggaacacgAggugccgaa..... 1
 Gi5_8887481_x1.....cgucgugggaacacggggugUcga..... 1
 Gi1_4338663_x1.....cgucguggNaacacggggugccg..... 1
 Gi2_11113831_x1.....Ngggaacacggggugccgaacu..... 1
 Gi3_28379325_x1....ucggagacgucgugggaacacgAggu..... 1
 Gi2_11146208_x1..gcgauccgCgacgucguggga..... 1
 Gi5_8939704_x1.....gucgugggaacacggggugccgGac..... 1
 Gi1_4219953_x1.....aUacgucgugggaacacggggugccga..... 1
 Gi2_11043130_x1.....gacgucgugggaUcacggggugccgaacu..... 1
 Gi5_8876633_x1....gaucggagacgucgugCgaacac..... 1
 Gl1_6350803_x1....aucggagacgucAugggaa..... 1
 Gi3_28863222_x1.....cgugggaacacggggugccgaG..... 1
 Gi2_11089791_x1.....cgucgugggaacacggggugUc..... 1
 Gi5_9099298_x1.....agacgucgugggaaAacggggugccgaac..... 1
 Gi3_28511681_x1.....gucgugggaacacgAggugccga..... 1
 Gi5_9122974_x1....aucgCagacgucgugggaacacgg..... 1
 Gi5_9132635_x1....aucggagacgucgugggCacac..... 1
 Gi2_11295301_x1....aCggagacgucgugggaa..... 1
 Gi1_4261565_x1.....uggAaacacggggugccgaac..... 1
 Gi1_4238072_x1.....ucguCggaacacggggugcc..... 1
 Gi1_4378064_x1....ucggagacgCgugggaacacggg..... 1
 Gi5_8937934_x1....Aaucggagacgucgugggaacac..... 1
 Gi2_11332208_x1....aucggagacgucgugggaacacgggCugc..... 1
 Gi3_28938742_x1....ucggagacgucgugggCacacggggugc..... 1
 Gi1_4177614_x1....ucggagacgucgCgggaacacggggugccgaacu..... 1
 Gi2_11190821_x1.....cggagacgucguCggaacacggggg..... 1
 Gl1_6061200_x1.ugcgauccgNagacgucgugggaacac..... 1
 Gl1_6244380_x1....Gucggagacgucgugggaacac..... 1
 Gi3_28381291_x1.....gggaacacAgggugccga..... 1
 Gi2_11403232_x1.....ggagacgucgugggaacaUggggugccgaac..... 1

Gi2_11221025_x1.....ucggagacgucgugggCac.....	1
Gi2_11086451_x1.....ucgugggaCcacggggugccgaac.....	1
Gi2_11158619_x1..gcgaucggagGcgucgugggaaacacggggug.....	1
Gi5_8947306_x1.....gucgugggaacacgAggugccgaac.....	1
Gi2_11365158_x1.....gucgugggaacacggggugccgaacuu.....	0
Gi2_11343345_x1.....guNggaacacggggugccgaa.....	1
Gi1_4199848_x1.....cgucgugggaacacggggGgcccgaac.....	1
Gi3_28723611_x1.....gagacgucgugAgaacacggggugccgaacu.....	1
Gi3_28262709_x1.....acacggggugcGgaacuu.....	1
Gi5_9039236_x1.....gugggaacacggggAcc.....	1
Gi3_28332446_x1.....cgucguggCaacacggggugccgaacu.....	1
Gi5_9062789_x1.....cgucCugggaacacggggugccgaacu.....	1
Gi3_28662572_x1.....gucgugggaacacggUgugccgaacuu.....	1
Gi2_11236659_x1.....Acggagacgucgugggaaacacgggg.....	1
Gi5_9027177_x1.....cgugggaacCcggggugccg.....	1
Gi5_8867879_x1.....gagacguUgugggaacacg.....	1
Gi2_11313179_x1....Gucggagacgucgugggaaacacggggugccgaacu.....	1
Gi1_4177384_x1....gaucggagGcgucguggg.....	1
Gl1a_6017559_x1....gaucgAagacgucgugggaaacacgggg.....	1
Gi3_28663158_x1....gauAggagacgucgugggaaacacg.....	1
Gi2_11088235_x1.....cgugggaacacggAgugccg.....	1
Gi3_28475142_x1....gaucggCgacgucgugggaaacacggggugc.....	1
Gi3_28682352_x1....gauNggagacgucgugggaaacacgggg.....	1
Gi1_4281399_x1.....gagacgucgugAgaacacggggugcc.....	1
Gi3_28830050_x1..gcgaucggagacAucgugggaaacacggg.....	1
Gl1a_6030055_x1....gaucAgagacgucgugggaaacacgggg.....	1
Gi5_9000433_x1.....cggagacgucgugggaaacCcg.....	1
Gi2_11380768_x1.....gagacgAcgugggaaacacggggugcc.....	1
Gl1a_6278688_x1.....gggaacaUggggugccgaac.....	1
Gi5_9132924_x1.....gugggaacacCgggugccg.....	1
Gi1_4337533_x1....ucggagacgucguAggaacacg.....	1
Gi2_11310401_x1....gaucggagaUgucgugggaaacacggggug.....	1
Gl1a_6272080_x1.....ggaacacgAggugccgaac.....	1
Gi1_4268758_x1.....gacgucgugggaaacGcggggugccgaacuu.....	1
Gi3_28517457_x1....aucggagGcgucgugggaaacacggggug.....	1
Gi3_28427336_x1.....ggGgacgucgugggaaacacg.....	1
Gi5_9063362_x1.....cgugggaacacgUggugccg.....	1
Gi1_4271903_x1.....gaacacggNgugccgaacuu.....	1
Gi2_11367323_x1....ucggagacgucgugggaaacacgUggugc.....	1
Gi1_4212787_x1.....cgAcgugggaaacacggggugccgaa.....	1
Gi2_11076189_x1.....cgucgugggaaacacggggugccUaacu.....	1
Gi3_28633324_x1....cggagacgucgugggaaacacggggugccga.....	1
Gi3_28735867_x1.....gacgucgugggaaAacggg.....	1
Gi3_28553739_x1....Acggagacgucgugggaaacacggg.....	1
Gi1_4159588_x1.....aaGacggggugccgaacu.....	1
Gi3_28599898_x1....gaucggagacgAcgugggaaacacg.....	1
Gl1a_6290049_x1....aucgUagacgucgugggaaacacggggugc.....	1

Gi2_11371633_x1.....auNggagacgucgugggaaacac..... 1
 Gi2_11178163_x1.....cgucgugggaaacacgggAugccgaac..... 1
 Gi5_9020430_x1.ugUgaucggagacgucguggg..... 1
 Gi3_28450378_x1...cgaucggagacgucgugggaaacacAgg..... 1
 G1a_6191308_x1....aCcgagacgucguggga..... 1
 Gi3_28863936_x1.....acgucgugggaaacacgggg..... 0
 Gi3_28403665_x1.....ggaaAacggggugccgaa..... 1
 Gi3_28744405_x1.....gacgucgugggaaCcacggg..... 1
 Gi1_4257961_x1.....gucgCgggaacacggggug..... 1
 Gi1_4376531_x1....aAcggagacgucgugggaaacacg..... 1
 Gi3_28770403_x1.....aacaGggggugccgaacuu..... 1
 Gi4_614230_x1.....guggUaacacggggugcc..... 1
 Gi1_4386977_x1.....gagacgucgugggaaacacAgggugccgaacu..... 1
 Gi3_28798110_x1.....gucgugggaaacCggggugccgaacuu..... 1
 Gi2_11321236_x1.....cggagCcgucgugggaaacac..... 1
 Gi2_11103153_x1.....ucggagacgucgugggaaacU..... 1
 Gi5_9085833_x1.....ucgugggCacacggggugccgaac..... 1
 Gi2_11081100_x1..gcgauUggagacgucgugggaaacacggggugcc..... 1
 Gi3_28302472_x1.....acgucgugggaaacCggggugc..... 1
 Gi1_4277667_x1.....gugggaacacggUgugccgaacuu..... 1
 Gi2_11127371_x1.....agacgucgugggaaacaUggggugccga..... 1
 Gi1_4290416_x1.....acgucgugggGacacggggugccg..... 1
 Gi1_4259662_x1.....acacggggNgccgaacuu..... 1
 Gi5_8994114_x1....aucggagacgucgugggaaAacggggugccgaacu..... 1
 Gi3_28560422_x1.....gacgucgugAgaacacggg..... 1
 G1a_6229599_x1....aucggagacgucgCgggaacacggggg..... 1
 Gi3_28663753_x1.....ucggagacgucguggAaacacggg..... 1
 Gi3_28414537_x1.....ucggagacgucguggAaacacgg..... 1
 Gi3_28686692_x1.....cAucgugggaaacacggggug..... 1
 Gi1_4228465_x1.ugcgGucggagacgucguggga..... 1
 Gi2_11124946_x1.....gacgucgugggGacacggggugc..... 1
 Gi2_11011623_x1.....acgucAugggaacacggggg..... 1
 Gi2_11311963_x1....ucUgagacgucgugggaaacacgggg..... 1
 Gi2_11057667_x1....gaucggagacguAgugggaacacggg..... 1
 Gi1_4207945_x1.....cguUgugggaaacacggggugccgaa..... 1
 Gi3_28359674_x1....gaCcgagacgucgugggaaacacggggug..... 1
 Gi3_28429624_x1.....gacgucgugggaaacacggggugAcgaa..... 1
 Gi5_8966727_x1.....cgucgugggaaacUcggggugccgaacu..... 1
 Gi1_4386517_x1.....acgucgugggGacacggggugcc..... 1
 Gi3_28396474_x1.....gaUacgucgugggaaacacggggugccgaac..... 1
 Gi2_11000713_x1.....agacgucgugggaaacacggggAgccgaa..... 1
 Gi2_11162603_x1.....gacgucgugggGacacggg..... 1
 Gi1_4297261_x1.....gagacgucgugggaaacacggggugcAgaacu..... 1
 Gi2_11284294_x1.....gucgugggGacacggggugccg..... 1
 Gi1_4172999_x1.....gucgAgggaacacggggug..... 1
 Gi3_28451547_x1.....ggagacgucgugggaaacaAggggugcc..... 1
 Gi1_4182141_x1.....gugggaacacAgggugccgaac..... 1

Gi3_28573738_x1.....agacgucgugggaCcacggggugccgaac..... 1
 Gi3_28475874_x1....gaucggagacgucgugggaacUcggggu..... 1
 Gi5_8957289_x1.....gCgaacacggggugccgaa..... 1
 Gi3_28635394_x1.....cggagacgucgugggCacacg..... 1
 Gi3_28592308_x1.....gaacacggggugcAgaacuu..... 1
 Gi3_28303095_x1.....aCacgucgugggaacacggggugcc..... 1
 Gi2_11382264_x1.....ugggaacacggggugGcga..... 1
 Gi5_8993166_x1.....Uggagacgucgugggaacacggg..... 1
 Gi5_8868082_x1.....cgucgugAgaacacggggugccga..... 1
 Gi2_11131711_x1.....cggagacgAcgugggaacacggggugc..... 1
 G1a_6351812_x1....aucggagacgucgugggaacacggggguAc..... 1
 Gi3_28954213_x1.....cgucgugggaacacgUggugccgaacu..... 1
 Gi5_9014436_x1.....ucgugggaacacggggugccgaCc..... 1
 Gi5_8861641_x1....ucggagacgucgugggaacacggggGgccgaacu..... 1
 Gi3_28805041_x1.....cgugggaacCggggugcc..... 1
 Gi1_4375775_x1.....cgugggaacacggggGgccg..... 1
 Gi1_4366502_x1.....gugggaacacgUggugccgaac..... 1
 Gi3_28393995_x1....ucggagacgucguggAaacacggggugccgaacu..... 1
 Gi2_11117033_x1....aucggagacgucguggAaaca..... 1
 Gi2_11205538_x1.....cUucgugggaacacggggugccgaacu..... 1
 Gi2_11011422_x1.....ggagacgAcgugggaacacggggugcc..... 1
 Gi3_28616736_x1....ggagacgucgugggaacacAggg..... 1
 Gi5_9029138_x1.....gucgugggaacGcggggugc..... 1
 Gi5_8882314_x1.....gugggaacaGggggugccgaac..... 1
 Gi1_4266689_x1.....gucgugggNacacggggugccgaac..... 1
 G1a_6136106_x1....Cgagacgucgugggaacac..... 1
 Gi3_28396967_x1.....ucgugggaacaUggggugc..... 1
 Gi3_28817209_x1.....cgucgugggaacacgAggugccga..... 1
 Gi1_4311510_x1....cggagacgucgugggaacacggggguAcc..... 1
 G1a_6272141_x1....gGucggagacgucgugg..... 1
 Gi3_28825764_x1.....gucgugggaacacggggugAc..... 1
 Gi4_578916_x1.....gugggaacCggggugccgaac..... 1
 Gi3_28610678_x1....cgaucCgagacgucgugggaacacg..... 1
 Gi3_28346105_x1....Uggagacgucgugggaacacgggg..... 1
 Gi1_4223267_x1....gcgaucggagacgCcgugggaaca..... 1
 G1a_6332303_x1....cgGucggagacgucgugggaacacggggugc..... 1
 Gi1_4179380_x1.....ggagacgucgugggaacacggggugAcg..... 1
 Gi2_11167698_x1....cgaucggagacgucgugggaacaA..... 1
 Gi5_9082746_x1....aucggagaNgucgugggaacacggggugc..... 1
 Gi3_28304591_x1....ucggagacgucgugAgaacacggg..... 1
 Gi1_4298453_x1.....gucguAggaacacggggugccgaac..... 1
 Gi1_4390519_x1.....ucgugggGacacggggugc..... 1
 Gi3_28684693_x1.....gagacgucNugggaacacggggugc..... 1
 G1a_6004677_x1.....ggagacgucgugggaUcac..... 1
 Gi3_28384945_x1....aucggagacgucgugggaacacAgggugccg..... 1
 Gi2_11242630_x1....ucggagaUgucgugggaaca..... 1
 Gi3_28833409_x1....gcgaucggagacgucgugggaGc..... 1

Gi3_28473782_x1.ugcgauccggagaUgucguggggaacacggg..... 1
Gi3_28550308_x1.....gacgucguggggaUcacggggugccgaacu..... 1
Gi5_9037537_x1.....acgucguggggaacacggggugccGac..... 1
Gi4_569627_x1.....agacgucgNgggaacacggggugcc..... 1
G1a_6195089_x1.....cgucguggggaacacggggGgccg..... 1
Gi5_8879834_x1.....ucggagacgucguggggaacacggggAgc..... 1
Gi1_4164747_x1.....ggagacgucgugggUacacggggugcc..... 1
Gi2_11092695_x1.....ugggaacCcggggugccgaacu..... 1
Gi1_4186046_x1.....cguggggaacacggggugUcga..... 1
G1a_6146714_x1.....gagacgucguggggaacacggggugcc..... 0
Gi5_9023819_x1.ugcgauccggagacgCcgugggga..... 1
Gi1_4162420_x1.....gaNcacggggugccgaacu..... 1
Gi1_4178136_x1.ugcAaucggagacgucgugggga..... 1
G1a_6268538_x1.....ucguggggaGcacggggugccgaac..... 1
Gi3_28776804_x1.....acgucguggggaCcacggggugccg..... 1
Gi2_11049988_x1.....agacgucguggggaacacgAggu..... 1
Gi5_9076706_x1.....guggggaacaAggggugccga..... 1
Gi3_28345044_x1.....cgauccggagacgucgugggUaacacggggg..... 1
Gi3_28624606_x1.....agacgucguggggaacCgggggugcc..... 1
Gi4_576982_x1.....guggggaacCcggggugccgaa..... 1
Gi2_11372063_x1.....ggagacgucgugUgaacacgggggugccgaacu..... 1
Gi5_9020390_x1.....cggagGcucguggggaacacgggggugccga..... 1
Gi3_28885202_x1.....gauccggagacgCcguggggaacacgggggugcc..... 1
Gi2_11072371_x1.....agacgucgAggggaacacgggggugc..... 1
Gi5_8864211_x1.....gaucAgagacgucguggggaacacg..... 1
Gi2_11010028_x1.....guggggaacacCggggugcc..... 1
Gi1_4162509_x1.....cgAcguggggaacacgggggugccgaac..... 1
Gi3_28348600_x1.....ucggagGcucguggggaacacgggggugcc..... 1
G1a_6046966_x1.....gAggggaacacgggggugccg..... 1
Gi5_9049872_x1.....aucAgagacgucguggggaacacg..... 1
Gi4_594282_x1.....ucguggggaacacgggggugccgaUc..... 1
Gi2_10997963_x1.....ucggagacgucguggggaacacggggCgc..... 1
Gi1_4235144_x1.....gauccggagacgucguAgggaacac..... 1
Gi1_4359851_x1.....ucguggggaacacgggggugcUgaa..... 1
Gi5_9045984_x1.....aucggagacgucgCgggaacac..... 1
G1a_6314884_x1.....guggggaacacgggggUcccgaacu..... 1
Gi3_28298735_x1.....cgauccggagacgucguggggaacCcggg..... 1
Gi3_28784244_x1.....cggagacgucguAgggaacacgggg..... 1
Gi3_28482599_x1.....cguggggaacacgAggugccgaacu..... 1
G1a_6236074_x1.....guggggaacacgggggugcUg..... 1
Gi2_11074425_x1.....gucguggggaacacgAgugccgaa..... 1
Gi2_11345632_x1.....gauccggagacguUguggggaacacgggggugc..... 1
G1a_6288085_x1.....ggaacacgAggugccgaacu..... 1
G1a_5990322_x1.....ucggUgacgucguggggaacacggg..... 1
Gi2_11113374_x1.....cggagacgAcguggggaacacgggggug..... 1
Gi2_11276792_x1.....guggggaacacUggggugcc..... 1
Gi1_4313307_x1.....gauccggagacgucguggggaacacgggggugccU..... 1

Gi3_28861903_x1.....gugggaacacggggugccU..... 1
Gi3_28688445_x1.....gacguUgugggaacacggg..... 1
Gi5_8946509_x1.....ggaacacggggUccgaac..... 1
Gi1_4275440_x1.....acgucgugggaacacggggugccgU..... 1
G1a_6115624_x1.....Gcgugggaacacggggugccgaacu..... 1
Gi2_11245314_x1.....ugggaaAacggggugccgaac..... 1
Gi2_11060699_x1.....cgucgugAgaacacggggugc..... 1
Gi3_28932665_x1.....gugUgaacacggggugccg..... 1
Gi1_4343112_x1.....ggUaacacggggugccgaacuu..... 1
Gi4_611381_x1.....cgugggaacacgggAugccgaacu..... 1
Gi2_11225956_x1.....cguggUaacacggggugccg..... 1
Gi5_9045666_x1.....acgucgCgggaacacggggugccgaac..... 1
Gi3_28823251_x1.....cggagacgucgugggaacacAggg..... 1
Gi3_28911772_x1.....ggagGcgucgugggaacacggg..... 1
Gi2_11302223_x1.....aucggagacgucgugggaacacgUggugcc..... 1
Gi2_11349767_x1.....gucgugggaUacggggugc..... 1
Gi1_4368912_x1.....cguAggaacacggggugccga..... 1
Gi2_11128287_x1.....agacgucgugggaacacCgggugcc..... 1
Gi2_11357749_x1.....cgucgugggaacacggggAgc..... 1
Gi3_28265614_x1.....gacgucguNggaacacgggg..... 1
Gi3_28749761_x1.....gacgucgugggaacacggc..... 1
Gi2_11290484_x1.....gucgugggaacacggAgugc..... 1
Gi3_28628184_x1.....acguUgugggaacacggggugccg..... 1
Gi3_28358039_x1.....acgucgugNgaacacggggugccgaa..... 1
Gi2_11131535_x1.....gaucggagacgucgugAgaacacggg..... 1
Gi1_4226661_x1.....cgugggaacGcggggugccga..... 1
Gi3_28280943_x1.ugcgGucggagacgucgugggaacacggg..... 1
Gi3_28497345_x1.....aucggagaGgucgugggaacacggggugcc..... 1
Gi1_4256705_x1.....gugggaacNcggggugccga..... 1
Gi5_9030997_x1.....gugggaacCggggugccga..... 1
G1a_6053314_x1.....aucggCgacgucgugggaacacggggU..... 1
Gi3_28561960_x1.....ggagacgucguAggaacacggggugcc..... 1
Gi2_11293815_x1.....cgucgugggaaAacggggugccg..... 1
G1a_6269816_x1.ugcgaucggagacgucgugggaaAacgggU..... 1
Gi2_11037517_x1.....gacgGcgugggaacacggg..... 1
Gi2_10993217_x1.....auNggagacgucgugggaaca..... 1
Gi2_10999194_x1.....gaucgAagacgucgugggaacacggggU..... 1
G1a_6048353_x1.....cgugggUaacacggggugcc..... 1
Gi5_8952561_x1.....gugggaacGcggggugccgaacuu..... 1
Gi3_28744696_x1.....Gcgucgugggaacacggggugc..... 1
Gi3_28960715_x1.....gucgugggaCcacggggugccgaac..... 1
Gi1_4373690_x1.....gugggaacaUggggugccgaacuu..... 1
Gi4_597071_x1.....agacgucgugggaacacggggCgcc..... 1
Gi4_568166_x1.....gaCgggagacgucguggg..... 1
Gi2_11017063_x1.....aucggagacgucgugggaUcac..... 1
Gi2_11386192_x1.....gcgaucggagacgucguAggaacac..... 1
Gi3_28625720_x1.....gagacgucgugggaacacgggAgugccg..... 1

G1a_6293762_x1.....Uucggagacgucgugggaaacacggggugc..... 1
 Gi2_11330793_x1.....gagacgucgugggaaGacggggugccg..... 1
 Gi3_28519085_x1.....ucggagacgucgugggaaacacggAgugcc..... 1
 Gi2_11005485_x1.....ggagacgucgugggAaacac..... 1
 Gi3_28514672_x1.....cggagacgucguUggaacacgggg..... 1
 Gi1_4339295_x1.....aucggagacgucgugggaaacacU..... 1
 Gi4_603024_x1.....Auggaaacacggggugccgaac..... 1
 Gi3_28333671_x1.....ggagacgucgugggaaacacggggAgccgaacu..... 1
 G1a_6092528_x1.....gacgucgugggaaacacgggAugccgaacu..... 1
 Gi5_9059690_x1.....ggaacacggggugccgaaU..... 1
 Gi3_28410617_x1.....uggaaacacggggugccgaaG..... 1
 Gi2_10996195_x1.....cgucguUggaacacggggugccgaacu..... 1
 Gi3_28766273_x1.....gaucggagaGgucgugggaaacacggggugc..... 1
 Gi3_28942875_x1.....agacgucgugggAaacacggggugccgaac..... 1
 Gi2_11378585_x1.ugcgaucggagacgucgugggaaacG..... 1
 Gi5_9134038_x1.....aucggagacgucgugggaaUacgggggU..... 1
 G1a_6143131_x1.....guggaaacacggggugccgGac..... 1
 Gi1_4378877_x1.....aucggagacgucgugggaaacacggggGgcc..... 1
 Gi1_4364148_x1.....cggagacgucgugggaaacacggggUAccgaacu..... 1
 Gi3_28284005_x1.....ggagacgucgugggaaacacAgggugccgaac..... 1
 Gi3_28709802_x1.....ucggGgacgucgugggaaacacgg..... 1
 Gi3_28614971_x1.....gaucggagacguGgugggaaacacgg..... 1
 Gi2_11015664_x1.....cgauccggagacguUgugggaaacacg..... 1
 Gi3_28481962_x1.....ucgugggCacacggggugccgaac..... 1
 Gi1_4352741_x1.....ggaacacggggUccgaac..... 1
 Gi2_11159606_x1.....acgucgugggaaUacggggugc..... 1
 G1a_6336557_x1.....ucgugggaaacacggggugccgaGc..... 1
 Gi1_4282144_x1.....aacacggggugccgCacuu..... 1
 Gi1_4161912_x1.....agacUucgugggaaacacggggugccgaacu..... 1
 Gi2_11166154_x1.....gacgucgugggaaacacggggug..... 0
 Gi3_28738503_x1.....ucgugggaaacacggggugccgaaGu..... 1
 Gi1_4355707_x1.....aucggagacgucGgggaacacgg..... 1
 Gi5_8921410_x1.....cggagacgucgugggaaacacgAggugcc..... 1
 Gi3_28495366_x1.....gacgucgugggaaacaAggggu..... 1
 Gi2_11388550_x1.....aucggagacgucgugggaaGcacggggugccg..... 1
 G1a_6330585_x1.....gacgucgugggaaacacggggugccgaGcu..... 1
 Gi1_4187515_x1.....agacgucgugggaaUacggggugccgaacu..... 1
 Gi3_28982643_x1.....aucggagacUucgugggaaacacggggU..... 1
 Gi2_11370411_x1.....gggaacaUggggugccga..... 1
 Gi3_28274095_x1.....gaacacggggugccgaaAuu..... 1
 Gi3_28788346_x1.....cgugggaaacacAgggugc..... 1
 Gi2_11028801_x1.....acgAcgugggaaacacggggugccgaa..... 1
 Gi3_28706961_x1.....cgucgugggaaacacggggugcUgaa..... 1
 Gi2_11363551_x1.....gucUugggaaacacggggugcc..... 1
 Gi1_4304294_x1.....agacgucgugggaaacacggAgugccgaacu..... 1
 Gi3_28508441_x1.....gggaacacggggugccgU..... 1
 Gi3_28544128_x1.....cggagacgNcgugggaaacacggggugccgaa..... 1

Gi2_11220043_x1.....cggagacgucgugggaacacggggugccAa.....	1
Gi1_4291230_x1.....ucggagGcgucgugggaacacggggugc.....	1
Gi5_9060290_x1.ugcgauccgagacgucguAggaacacggg.....	1
Gi2_11216776_x1.....acgucguAggaacacggggugccg.....	1
Gi2_11287096_x1.....aucggagacUucgugggaacacgggggu.....	1
Gi2_11027473_x1.....cgucgugggaacacggggguCccgaa.....	1
Gi2_11267082_x1.....cgucgugggaacacggCgugccg.....	1
Gi3_28692720_x1.....cgucgugggaGcacggg.....	1
Gi5_8882818_x1.....cacAgggugccgaacuuu.....	1
Gi1_4253668_x1.....cggaUacgucgugggaacacggg.....	1
Gi5_9001611_x1...Caucggagacgucgugggaacacgg.....	1
Gi1_4301257_x1.....ugggaacacggggguAccgaa.....	1
Gi2_11278526_x1.....gagacgucgugggaacacUgggugccg.....	1
Gi2_11174739_x1.....ggagacgucgugggaacacgAggugccg.....	1
Gi3_28561811_x1.....ggaacacggggugccgaacuu.....	0
Gi5_9092452_x1.....acgucgugUgaacacggggugccgaacu.....	1
Gi3_28852671_x1.....cggagacgucgugggCacacggggugcc.....	1
Gi2_11062890_x1.....gacgucgugggaacacggggguAccg.....	1
Gi5_8935415_x1.....acgucgugggaacacUgggugccgaac.....	1
Gi2_11265646_x1.....guNggaacacggggugccg.....	1
Gi1a_6295329_x1.....gucgugggaacGcggggugccgaa.....	1
Gi2_11344072_x1.....cgGcgugggaacacggg.....	1
Gi3_28935112_x1.....gacgucAugggaacacggg.....	1
Gi3_28642662_x1.....ucggagacgucgugggUacacg.....	1
Gi5_9117681_x1.....cgucgugggaacacggggCgcccgaac.....	1
Gi3_28388223_x1.....cggCgacgucgugggaacacggg.....	1
Gi5_8866937_x1.....gggaacacgAggugccgaa.....	1
Gi4_572310_x1.....ggUacacggggugccgaacu.....	1
Gi1_4370002_x1.....ggaaGacggggugccgaac.....	1
Gi3_28695975_x1.....gacgucGgggaacacggggugccgaacu.....	1
Gi5_8967416_x1.....gugggaacacgggAugccgaacuuu.....	1
Gi2_11041376_x1.....aucggagacgucgugggaacaGggggugc.....	1
Gi3_28594618_x1.....cgucgugggaacacgggCugccgaacu.....	1
Gi2_11022786_x1.....cgucgugggaacacggggugccgaacuu.....	0
Gi3_28613049_x1.....ggaacacggggugccCaacu.....	1
Gi1_4287073_x1.....cggagacgucguggaaAacggggugcc.....	1
Gi2_11232825_x1.....cggagacgNcgugggaacacggggug.....	1
Gi1_4193181_x1.....acgucCugggaacacggggugccgaacu.....	1
Gi3_28277102_x1.....ucgugggaacacggggugccCaacu.....	1
Gi1a_6187858_x1...aucggagacgucgugggaCcacggggugc.....	1
Gi1_4376033_x1.....gugggaacacggggugccAaac.....	1
Gi4_576836_x1.....ggagacgucgugggaacacg.....	0
Gi5_9089982_x1.....ucgugggaacacggAgugccgaac.....	1
Gi1a_6101519_x1.....cggagacgucguggaaAacgggggu.....	1
Gi3_28289991_x1.....ucgAgggaacacggggugccg.....	1
Gi3_28943492_x1.....cgucguggNaacacggggug.....	1
Gi4_582727_x1.....aucggagacgucgugggaacacggggugccgaacu.....	0

Gi2_11006797_x1.....acgucUugggaacacggggugcc..... 1
 Gi1_4256393_x1.....ggGgacgucgugggaacacggggu..... 1
 Gi2_11367057_x1.....agacgucgugggaacacgggAugccgaacu..... 1
 Gl1a_5992043_x1.....aucggagacgucgugggG..... 1
 Gi3_28873479_x1.....uUggagacgucgugggaacacggg..... 1
 Gi1_4289542_x1.....agacgucgugAgaacacggggugccgaacu..... 1
 Gi2_11204538_x1.....ggagacgucgugggaacacggggugccGg..... 1
 Gl1a_6075940_x1.....gauUggagacgucgugggaa..... 1
 Gi3_28888350_x1.....ggagacgucgugggaacacAgggugccg..... 1
 Gi3_28897323_x1.....gagacgucgugCgaacacg..... 1
 Gi1_4298220_x1.....aucggagacgucguAggaacacg..... 1
 Gi2_11240880_x1.....uggNaacacggggugccgaac..... 1
 Gi2_11105844_x1.....gagacgucgugggaacacggggGg..... 1
 Gi1_4238132_x1.....cguNggaaacacggggugccgaacu..... 1
 Gi3_28273134_x1.....agacgucgugggaacacggggUccgaacu..... 1
 Gi1_4340192_x1.....gagacgucgugggaacacggggugccgaUcu..... 1
 Gi3_28438211_x1.....ggagacgucgugggaacacggggugGc..... 1
 Gi2_11125166_x1.....cgUucggagacgucgugggaacacg..... 1
 Gi1_4335636_x1.....gugggaaAacggggugccg..... 1
 Gi2_11099041_x1.....gacgucgugggaacacggggC..... 1
 Gi5_8855654_x1.....cgucgugggaacUcggggugccga..... 1
 Gi5_9123985_x1.....acgucgugCgaacacggggugccgaacu..... 1
 Gl1a_6335055_x1.....gucgugggaacCcgggugcc..... 1
 Gi3_28759881_x1.....ucgugggaacGacggggugccgaacu..... 1
 Gi2_11123344_x1.....cggagacgucgugggaacacgUggugcc..... 1
 Gi3_28984842_x1.....gaucggagacgucgugggaUcacggg..... 1
 Gi3_28360762_x1.....ucggGgacgucgugggaacacggggugccgaacu..... 1
 Gi1_4193491_x1.....cgugggaacacggggugcUg..... 1
 Gl1a_6280309_x1.....aucggagacgucgugggaacaGg..... 1
 Gi1_4353728_x1.....cgGcgugggaacacggggugccgaac..... 1
 Gi4_593381_x1.....cgugggaacacggggugccgaa..... 0
 Gi2_11269360_x1.....ugggUacacggggugccgaa..... 1
 Gl1a_6043230_x1.....cgGgggaacacggggugc..... 1
 Gi1_4355230_x1.....gUagacgucgugggaacacg..... 1
 Gi3_28451338_x1.....ucgugggaacaUggggugccg..... 1
 Gi2_11359345_x1.....cggagacguAgugggaacacggggugcc..... 1
 Gi3_28626711_x1.....gaGcggagacgucgugggaacacggggugc..... 1
 Gi5_9066459_x1.....gucgugggaacaUggggugccgaacu..... 1
 Gi2_11015097_x1.....gGcgucgugggaacacggggugccga..... 1
 Gi2_11227824_x1.....Uucggagacgucgugggaacacgg..... 1
 Gi2_11159961_x1.....aucAgagacgucgugggaacacggggug..... 1
 Gi5_9134488_x1.....gaucggagGcgucgugggaacacg..... 1
 Gi5_9081282_x1.....ugggaacacggAgugccgaa..... 1
 Gi3_28560436_x1.....Ngucgugggaacacggggugccgaa..... 1
 Gi2_11391762_x1.....cgucgugggaacacggggugU..... 1
 Gi3_28603187_x1.....ugggaacacUggggugccg..... 1
 Gi1_4286045_x1.....gacgucgugggaacacggggUaccgaacu..... 1

Gi5_9128641_x1.....cggagacgucguAggaacacg.....	1
Gi5_8976438_x1....aucggagacgucCugggaaca.....	1
Gi4_587397_x1.....gAaacacggggugccgaac.....	1
Gi1_4179046_x1.....gucgugggaacacggggugccgaacG.....	1
Gi3_28406617_x1....aucggagacgucgugggaUcacgggg.....	1
Gi5_8892932_x1.....gacgucgugggaaUacggggugccgaacu.....	1
Gi1a_6044266_x1...gaucggagacgucAugggaa.....	1
Gi5_8888340_x1.....cgucgugggaacGcggggugccgaa.....	1
Gi4_605617_x1.....agacgucgugggaacacggggugccgaacA.....	1
Gi2_11253774_x1.....ucgugggaacacgggCugccgaacu.....	1
Gi1a_6282132_x1.....ugggCacacggggugccgaacu.....	1
Gi3_28922041_x1.....gagacgucgugggaacacgggAu.....	1
Gi3_28285544_x1.....cgucgugggaacacAgggugccgaa.....	1
Gi3_28884437_x1...gaucggagacgucgugAgaacacg.....	1
Gi2_11118174_x1....uGggagacgucgugggaacacggggugccg.....	1
Gi2_11380506_x1....ucggGgacgucgugggaacacggg.....	1
Gi3_28296339_x1.....cgucgugggaacUcggggugccgaac.....	1
Gi2_10993327_x1.....agacUucgugggaacacggggugccg.....	1
Gi2_11097603_x1.....cgucUugggaacacggggugccgaa.....	1
Gi3_28599518_x1..gcgaucggagacgucguAggaacacggg.....	1
Gi2_11376466_x1.....gacgucgugggaacacggggugA.....	1
Gi5_9091496_x1.....agacgucgugggaGcacggggu.....	1
Gi1_4258278_x1.....agacgucgugggaacacAgggugccgaac.....	1
Gi5_8853643_x1.....gucgugggaaAacggggugccgaac.....	1
Gi1_4378010_x1.....agacgucgugggaacacggggCgcc.....	1
Gi3_28559790_x1.....gagacgucgugggaaUacggggugccg.....	1
Gi3_28412195_x1...gaucggagGcgucgugggaacacggggugcc.....	1
Gi5_9088307_x1....aucggagacgucgCgggaacacggggugc.....	1
Gi1_4192229_x1.....ugggaacCcggggugccgaac.....	1
Gi2_11245257_x1.ugcgaucggagacgucgugggaacacggg.....	0
Gi4_575825_x1.....cCucgugggaacacggggugcc.....	1
Gi2_11313946_x1.....ugggaacacgggguUccgaacu.....	1
Gi5_9025853_x1...gaucggagacgucgugggaacacC.....	1
Gi1a_6249860_x1.....gaacacggggGgccgaacu.....	1
Gi3_28977415_x1.....gUgacgucgugggaacacggggugccg.....	1
Gi2_10995743_x1.....acgucgugggaacacggggugcAgaac.....	1
Gi1_4249657_x1.....agacgucgugggaGcacggggugccg.....	1
Gi5_9038076_x1.....gacgucgugggaacaAggggugccgaacu.....	1
Gi3_28740015_x1.....cgucguCggaacacggggu.....	1
Gi2_11394636_x1..gcgaucggagacgucgugggaacacggggugccg.....	0
Gi5_8908142_x1.....ggaacacggggugUcgaac.....	1
Gi1_4236988_x1.....ggagacgucguggGcacacggggugccg.....	1
Gi3_28510892_x1..gcgaucggagacgucgugggaacacggAgu.....	1
Gi5_8873448_x1.....guNggaacacggggugccgaac.....	1
Gi5_8889851_x1.....cgucgugUgaacacggggugc.....	1
Gi2_11357807_x1....ucggagacgucguUggaacacggggugc.....	1
Gi3_28646681_x1.....ggagacgucguggUacacggggugcc.....	1

Gi1_4254420_x1.....acgucgGgggaacacggggugccg..... 1
Gi3_28967781_x1.....ggagacgucguAggaacacggggugccgaac..... 1
Gi3_28639233_x1.....cgucguggCaacacggggugccgaac..... 1
Gi2_11167879_x1...gaucggagacgucgugUgaacacggggugcc..... 1
Gi2_11163716_x1.....cgucgugggaacacggUgugccga..... 1
Gi3_28353338_x1.ugcgauccgagacgucgugggaacacggggG..... 1
Gi5_8833801_x1.....cguggAaacacggggugccg..... 1
Gi1_4178258_x1.....ugggaaUacggggugccgaacuu..... 1
Gi3_28346408_x1.....gagacgucgugggaacacggggugUcgaacu..... 1
Gi3_28383812_x1.....ugCgaacacggggugccgaa..... 1
Gi2_11270787_x1.....gucgugggaacacggAgugcc..... 1
Gi3_28785885_x1.....cgugggaacacggUgugccg..... 1
Gi5_8924331_x1.....cgugggaacacgAggugc..... 1
Gi1_4344108_x1...aucggagacgucgugggaaUacg..... 1
Gi3_28863208_x1.....gaNgucgugggaacacggggugccgaacu..... 1
Gi1_4165622_x1.....gugggaacacggggugccgGac..... 1
G1a_6070299_x1...aucggagacgucguggGcacacg..... 1
Gi1_4185996_x1...ucggagacgucguggGcacacggggugcc..... 1
Gi2_11098030_x1.....gaacacAgggugccgaac..... 1
Gi5_9067664_x1.....gugggaacacgAggugccgaa..... 1
G1a_6153709_x1...ggagacgucgugggaacacggggugccgUacu..... 1
Gi4_572025_x1.....cgugUgaacacggggugccgaacu..... 1
Gi3_28276001_x1.....gagGcugcuguggaacacg..... 1
Gi1_4323432_x1...aucggagacgucgCgggaacacggggugccgaacu..... 1
Gi1_4194074_x1.....Cucgugggaacacggggugcc..... 1
Gi3_28566124_x1.....ggagacgucgugggaacacggggugcAgaacu..... 1
Gi3_28785048_x1..Ccgaucggagacgucgug..... 1
Gi5_8888806_x1.ugcAaucggagacgucguggga..... 1
Gi2_11193260_x1.....cgucgugggaacacgCggugccgaacu..... 1
Gi3_28946692_x1...gaucggagacgucguggCaacacggg..... 1
Gi1_4160338_x1...ucggGgacgucgugggaacacggggugc..... 1
Gi3_28958325_x1.....gucgugggaacCcggggu..... 1
Gi5_9105841_x1.....ggagacgucgugggaacacggggAgcc..... 1
Gi2_11303918_x1.....gaGcacggggugccgaac..... 1
Gi3_28454791_x1...cgauccgagacgucguUggaacacg..... 1
Gi2_11127008_x1.....cgugggaacacggggugccC..... 1
Gi1_4298864_x1.....cggagacgucgugggaacCcgggugc..... 1
Gi5_8908494_x1.....gugggaaUacggggugccgaa..... 1
Gi2_11267953_x1.....cgucgugggaacacggggugccgaUcu..... 1
G1a_6320415_x1.....ugggaacaAgggugccgaacu..... 1
Gi1_4282194_x1.....aGcacggggugccgaacu..... 1
Gi3_28525123_x1.ugGgaucggagacgucgugggaaca..... 1
G1a_6180815_x1.....Aucgugggaacacggggugcc..... 1
Gi2_11000214_x1...aucgUagacgucgugggaa..... 1
Gi2_11153050_x1...cgauccgagacgucgugggaacaUg..... 1
Gi3_28705573_x1.ugcgGucggagacgucgugggaacacg..... 1
Gi3_28960393_x1.....gugggaacacggggugcGgaa..... 1

Gi1_4208248_x1.....acgucguggaacaUggggugcc..... 1
 Gi2_11011472_x1.....aacacggggugGcgaacu..... 1
 Gi2_11370615_x1.....aucggagacUucguggaacac..... 1
 Gi2_11081268_x1.....auGggagacgucguggaacacggggugc..... 1
 Gi2_11147062_x1.....gaucggagacgucgugAgaacac..... 1
 Gi2_11401389_x1.....gacgucgugggaaAacggg..... 1
 Gi1_4380333_x1.....aucggagacgucguggaacacggggugGc..... 1
 Gi5_9029107_x1.....acgCcguggaacacggggugccg..... 1
 Gi2_11246202_x1.....cgGucggagacgucguggaaca..... 1
 Gi1_4360340_x1.....cGagacgucguggaacacggggugc..... 1
 Gi3_28899965_x1.....gaucggagacgucgugggaaUacggggugcc..... 1
 Gi5_8860336_x1.....guggaacCcgggugccgaacu..... 1
 Gi3_28877549_x1.....cguAguggaacacggggugccgaa..... 1
 Gi2_11155296_x1.....ucguggaacCcgggugc..... 1
 Gi2_11328307_x1.....ucggGgacgucguggaacacggggugccg..... 1
 Gi1_4374811_x1.....gAgaacacggggugccgaacu..... 1
 G1a_6315337_x1.....ggCacacggggugccgaacu..... 1
 Gi4_581357_x1.....gggGacacggggugccgaacu..... 1
 Gi1_4184243_x1.....ucguggaacacggggAgccga..... 1
 Gi2_11169305_x1.....ucAugggaacacggggugc..... 1
 Gi5_9074058_x1.....gaacaUggggugccgaac..... 1
 G1a_6061753_x1.....aucggagacgucguggaCcacg..... 1
 Gi5_9080550_x1.....uggaacacggggugcGgaac..... 1
 Gi2_11143733_x1.....Ccgauccgagacgucguggaacacgg..... 1
 Gi2_11104041_x1.....aucggagacgucUugggaacacgggg..... 1
 Gi2_11189756_x1.....ucggagaGgucguggaacacggggugc..... 1
 Gi3_28783433_x1.....gggaacacggggugccgCacuu..... 1
 Gi3_28724960_x1.....gacgucgugAgaacacggggugccg..... 1
 Gi3_28393591_x1.....agacgucguggaacacgUggugccgaac..... 1
 Gi3_28570949_x1.....cgauccgGgacgucguggaacacggg..... 1
 Gi4_573087_x1.....ugAgaacacggggugccgaacu..... 1
 G1a_6084836_x1.....gggaacacggggugccUaacu..... 1
 Gi1_4321968_x1.....ucguggaaUacggggugccgaac..... 1
 Gi3_28527967_x1.....aucggagacgucgugUaacacgggg..... 1
 Gi2_11407411_x1.....gucguggaacacggggugccAa..... 1
 Gi2_11091719_x1.....gaacacgggUaccgaac..... 1
 Gi2_11114290_x1.....cguggaacacCgggugcc..... 1
 Gi2_11008238_x1.....agacgucNgggaacacggggg..... 1
 Gi3_28407367_x1.....ucggagacgucguAggaacacgg..... 1
 Gi1_4385702_x1.....cgugggGacacggggugccga..... 1
 Gi3_28765951_x1.....gagacgucgugCaacac..... 1
 G1a_6285320_x1.....aucggagacgucguggaacacgAggu..... 1
 Gi2_11273039_x1.....aucggagacgucguggaacaG..... 1
 Gi2_11141085_x1.....ucguggaacacgggAugccg..... 1
 Gi5_8871182_x1.....cgucguggaacacAgggugccga..... 1
 Gi5_8877787_x1.....ugggGacacggggugccgaacuuu..... 1
 Gi3_28826782_x1.....aucggUgacgucguggaacacgggg..... 1

G1a_6241029_x1.....aUacgucgugggaacacggggugccgaacu..... 1
 Gi2_11184713_x1.....cgugggaaAacggggugccga..... 1
 Gi1_4386074_x1.....ggagacgucgugggaGcacggggu..... 1
 G1a_6034365_x1.....aacacggggAgccgaacu..... 1
 G1a_6271189_x1.....ucgugggaacacggggugccgCacu..... 1
 Gi2_11026308_x1.....gucgugggaacacggggAgc..... 1
 Gi1_4229492_x1.....aucggagGcgucgugggaacacggggugc..... 1
 Gi3_28922844_x1.....cgucgugggCacacggggugccg..... 1
 Gi2_11143844_x1.....gaucCgagacgucgugggaacacgggg..... 1
 Gi5_8942613_x1.....cgCgggaacacggggugcc..... 1
 Gi1_4210685_x1.....cgCcgugggaacacggggugccgaa..... 1
 Gi3_28495361_x1.....ggGgacgucgugggaacacg..... 1
 Gi1_4201816_x1.....ucgGgggaacacggggugccgaac..... 1
 G1a_6115828_x1.....cgucgugggaacacggggugccgaacG..... 1
 Gi3_28421554_x1.....gagacgucCugggaacacgggggu..... 1
 Gi3_28502309_x1.....ucggCgacgucgugggaacacggggugcc..... 1
 Gi1_4360245_x1.....cgAgggaacacggggugccgaa..... 1
 Gi2_11369767_x1.....gaucggagacgucgugggaCcacgg..... 1
 Gi3_28334246_x1.....cgugggaacacCgggugc..... 1
 Gi2_11172134_x1.....cggagacgucgugggaacacggggugccCa..... 1
 Gi2_11164835_x1.....cgucgAgggaacacggggugccg..... 1
 Gi5_9131771_x1.....agacgucgugAgaacacggggugccgaac..... 1
 Gi2_11172915_x1.....aucggagacgucgCgggaacacgggg..... 1
 Gi1_4384370_x1.....Ucgaucggagacgucgugggaacacggggugc..... 1
 Gi3_28924007_x1.....ggagacgucgugggaacacggggugccgCac..... 1
 Gi3_28678067_x1.....Ngauccgagacgucgugggaacacggggugc..... 1
 Gi2_11252358_x1.....gggUacacggggugccgaa..... 1
 Gi2_11182736_x1.....Nauccgagacgucgugggaacacgg..... 1
 Gi3_28660958_x1.....cgugggaacacggAgugccg..... 1
 G1a_6268555_x1.....cggagacgucAugggaacacgggggu..... 1
 Gi2_11305615_x1.....acgucgugggGacacgggggu..... 1
 Gi1_4213012_x1.....Cugggaacacggggugcc..... 1
 Gi1_4308358_x1.....aucggagacgucgugggaAacg..... 1
 Gi3_28685900_x1.....cggagacgucgugggaacacggggugA..... 1
 G1a_6105967_x1.....Ugagacgucgugggaacac..... 1
 Gi2_11361845_x1.....cgucgugggaacacUgggugccg..... 1
 Gi3_28721392_x1.....cggagaAgucgugggaacacggggugcc..... 1
 Gi2_11157811_x1cugcgauccAagacgucgugggaacacg..... 1
 Gi3_28307823_x1.....ucgNagacgucgugggaacacggggugccg..... 1
 G1a_6245439_x1.....aucAgagacgucguggga..... 1
 Gi5_9033246_x1.....gugggaacacggggugAc..... 1
 G1a_6342976_x1.....gaNcacggggugccgaacu..... 1
 Gi5_9087098_x1.....aucgUagacgucgugggaacacgggg..... 1
 Gi2_11192869_x1.....cgucgugggCacacggggugccgaacu..... 1
 Gi1_4187370_x1.....gucgugggGacacggggugccgaac..... 1
 Gi3_28324091_x1.....gaacacAgggugccgaacuu..... 1
 Gi4_609651_x1.....gGgggaacacggggugccga..... 1

Gi2_11073889_x1...gaucggagacgucgugggaacaUgg..... 1
 Gi2_11102524_x1...gaucggagacgucgugggaacacgggUu..... 1
 Gi1_4390414_x1.....gucgugggaGcacggggugcc..... 1
 Gl1a_6302622_x1.....gucgugggaacacggggugUcga..... 1
 Gi1_4312210_x1.....ucUgagacgucgugggaacacg..... 1
 Gi3_28986285_x1.....cggagacgucgGgggaacacggggugcc..... 1
 Gi5_9041758_x1.....gggaacacggAgugccgaa..... 1
 Gi5_8941712_x1.ugcgauAggagacgucguggg..... 1
 Gi2_10998623_x1.....guAgugggaacacggggugcc..... 1
 Gi2_10995116_x1.....gCaacacggggugccgaa..... 1
 Gi2_11197076_x1.....ucggagGcgucgugggaacacggggugc..... 1
 Gi5_8871658_x1.....gucgugggaacacggggGgccgaa..... 1
 Gl1a_6318747_x1.....gugggaacacggggugccgaacuC..... 1
 Gi5_8909883_x1.....cgucgugggaacacggggugccgGac..... 1
 Gl1a_6203867_x1.....aucggagacgucgugggaacacCg..... 1
 Gl1a_6026972_x1.....gugggaacacggggugccgaaGu..... 1
 Gi2_11137722_x1.ugcgauUgagacgucgugggaaca..... 1
 Gi3_28733679_x1...cgaucggagacgucgugggaacacgAggugc..... 1
 Gi3_28634120_x1...gaucggagacgucgugggaacGcgg..... 1
 Gi3_28847478_x1...aucggagaAgucgugggaacacggggg..... 1
 Gi5_9055481_x1.....gacUucgugggaacacggggugccgaacu..... 1
 Gl1a_6079466_x1.....cguggAaacacggggugcc..... 1
 Gi3_28675517_x1.....gagacgucgugggUacac..... 1
 Gi5_9127830_x1.....aCacgucgugggaacacggggugccgaaac..... 1
 Gi3_28427025_x1...aucggagacgucgugggaacacCggg..... 1
 Gi4_609763_x1.....gucgCgggaacacggggugccgaaac..... 1
 Gi1_4331276_x1.....cgucgugggaCcacggggugccgaa..... 1
 Gi1_4294471_x1.....ugggaacaUggggugccgaa..... 1
 Gi1_4300009_x1.....gggaacacggggugccCaac..... 1
 Gi3_28718860_x1.....gacgucgugggaacacggggugcUgaacu..... 1
 Gi3_28314969_x1...gaucggagaGgucgugggaacacgg..... 1
 Gi3_28524732_x1.....acgucgugggaUacggggugccgaaac..... 1
 Gi5_8879984_x1.....ugggaacacggggugccCaa..... 1
 Gi5_8837114_x1.....ucgugggaaUacggggugcc..... 1
 Gi5_9115300_x1.....gucgugggaacCcgggugccgaa..... 1
 Gi5_8927338_x1.....gucgugggaacacggUgugccgaacu..... 1
 Gi2_11287647_x1.....cgucUugggaacacggggugccga..... 1
 Gi1_4361376_x1...aucggaAacgucgugggaacacggggugc..... 1
 Gi1_4286452_x1.....cgugggUacacggggugccgaa..... 1
 Gi5_9123992_x1.....gggUacacggggugccgaaac..... 1
 Gi2_11179369_x1...auUggagacgucgugggaac..... 1
 Gi2_11394826_x1...aucggagacgAcgugggaacacgg..... 1
 Gi2_11273514_x1.....gagacgucgugggaGcacggggugccg..... 1
 Gl1a_6199135_x1.....ucguggAaacacggggugccgaacu..... 1
 Gi2_11063448_x1.....gagacgucgugggaacaAgggggugccg..... 1
 Gi2_11299761_x1...aucggagacUucgugggaacacg..... 1
 Gi3_28575795_x1...acgucgugggaacacgCggugccgaaac..... 1

Gi2_11053387_x1.....agacgucgugggaUcacggggugcc..... 1
Gi2_11128826_x1.....cguggUaacacggggugccga..... 1
Gi3_28303681_x1.....cgugCgaacacggggugccga..... 1
Gi2_11366123_x1.....ucgugggaacCggggugccg..... 1
Gi1_4387893_x1.....uggaacaacggggugcUgaac..... 1
Gi1_4218612_x1.....ucgugggaacacggggugAcgaac..... 1
G1a_5981694_x1...gaucggagCcgucgugggaacacggg..... 1
Gi2_11164169_x1...aucggagaGgucgugggaacacggg..... 1
Gi2_11178594_x1.....agacgucgugggaacCggggugccg..... 1
Gi1_4193510_x1.....agacgCcgugggaacacggggugccgaacu..... 1
Gi5_8901750_x1...aucggagacgucgugggaacacgggAu..... 1
Gi3_28770047_x1.....gUagacgucgugggaacac..... 1
Gi2_11255422_x1.....acgucgugggUacacggg..... 1
Gi3_28719538_x1.....agacgucgugggaacacggggugUcgaac..... 1
Gi2_11152286_x1...aucggagacgucgugggaacacUg..... 1
Gi2_11109312_x1...auAggagacgucgugggaacac..... 1
Gi3_28922613_x1.....ggagacgucgugggaacacggggugccCa..... 1
Gi2_11241650_x1.....gacgucgugggaAacggggu..... 1
Gi3_28865856_x1.....cgucgugggaacCgggggu..... 1
Gi3_28968000_x1...aucggagaAgucgugggaacacggggugc..... 1
Gi2_11253600_x1.....gugggaacacggggUuccgaa..... 1
Gi3_28425265_x1.....gagacgucgugggaCcacggggugccg..... 1
Gi5_8922235_x1...gGucggagacgucgugggaacacgggggu..... 1
Gi1_4383069_x1.uAcgaucggagacgucguggga..... 1
Gi3_28793495_x1...aucgAagacgucgugggaacacggggugc..... 1
Gi2_11101268_x1.....ugggaacacCgggugccgaacu..... 1
G1a_6023231_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
Gi3_28460031_x1.....cgucgugggaacCcggggug..... 1
Gi5_8881241_x1.....agacgucgCgggaacacggggugccgaac..... 1
Gi3_28754549_x1.....gucgugggaGcacggggugcc..... 1
Gi5_9080797_x1.....cgucgugggaacacAgggugccgaac..... 1
G1a_6337557_x1.....aUacgucgugggaacacg..... 1
Gi3_28739461_x1...cgaucggagacgucgGggg..... 1
Gi3_28876134_x1.....acgucgugggaacacggggugcUg..... 1
Gi2_11205831_x1.....gaacacggggugccgCac..... 1
Gi3_28444891_x1.....gaGgucgugggaacacggggugccgaacu..... 1
Gi1_4270476_x1.....acgucgugggaacCcggggugccgaac..... 1
Gi2_11165680_x1.....gacgucgugggaacacgCg..... 1
Gi3_28268401_x1.....Cacgucgugggaacacggg..... 1
Gi3_28778816_x1.....ugNgaacacggggugccgaac..... 1
Gi3_28468745_x1...ucggagacNucgugggaacacggggugc..... 1
G1a_6295485_x1.....cggagacgucgugggGacacggggu..... 1
Gi3_28776780_x1.....gaacacggAgugccgaac..... 1
Gi1_4360716_x1.....ugNgaacacggggugccgaac..... 1
Gi2_11275259_x1.....cgugCgaacacggggugccgaa..... 1
Gi2_11186867_x1...gaucggagacgucgugggaacacggggugccgaa..... 0
Gi2_11004531_x1.....cgucguggAaacacggggugccgaac..... 1

Gi5_8936902_x1.....aucggagGcgucgugggaacacggg..... 1
 Gi5_9061516_x1.....ucggagacgucgugggaacCggggugc..... 1
 Gi5_9118483_x1.....Cgggagacgucgugggaacacg..... 1
 Gi2_11072583_x1.....ggagacgucAugggaacacggggugcc..... 1
 Gi3_28810062_x1.....ucggaAacgucgugggaacacg..... 1
 Gi3_28988139_x1.....Agucgugggaacacggggugc..... 1
 Gi4_588749_x1.....gggaacacggggugccgaGc..... 1
 Gi5_8884589_x1.ugcgauccgagGcgucgug..... 1
 Gi3_28782108_x1.....ugCgaacacggggugccgaac..... 1
 Gi1_4355038_x1.....gaucggagacAucgugggaacacgg..... 1
 G1a_6280926_x1.....cgugAgaacacggggugcc..... 1
 Gi2_11353363_x1.ugcgauccgagacgucgugggaGcacg..... 1
 Gi2_11331443_x1.....agacgucgugggaacacggggugcAgaacu..... 1
 Gi2_11108264_x1.....gaucggGgacgucgugggaacacggggugcc..... 1
 Gi5_8914257_x1.uCcgauccgagacgucguggg..... 1
 Gi3_28642768_x1.....ucgugggaUacggggugcc..... 1
 Gi2_11388002_x1.....cggagacgucgugggGacacggggugccga..... 1
 Gi1_4354270_x1.....acgucgugNgaacacggggugccgaacuu..... 1
 Gi3_28657787_x1.....gaucggagacgucgugggaCcacggggg..... 1
 Gi3_28753758_x1.....aucCgagacgucgugggaacacggggugcc..... 1
 Gi3_28590111_x1.....gagGcgucgugggaacac..... 1
 Gi3_28921642_x1.....ucggagacgucGgggaacacg..... 1
 Gi1_4350110_x1.....cAugggaacacggggugccgaacuu..... 1
 Gi4_599708_x1.....cgCgugggaacacggggugccga..... 1
 Gi2_11170481_x1.....cgucgugggaacacggAg..... 1
 Gi5_9071099_x1.....gaucggagacgucgugggaacaUgg..... 1
 Gi5_9100497_x1.....gugggUacacggggugccgaa..... 1
 Gi3_28502095_x1.....cguggCaacacggggugc..... 1
 Gi1_4215247_x1.....aucggagacgucguAggaacacggggugcc..... 1
 Gi3_28458349_x1.....ugggaacacggggUccgaa..... 1
 Gi3_28913224_x1.....gaucggagacgucgugggaacaUggg..... 1
 Gi1_4171662_x1.....gugggaaAacggggugccgaacuu..... 1
 Gi3_28703389_x1.....aucggagacgucgugggaacaGg..... 1
 Gi2_11103752_x1.....ucguggAaacacggggugccgaa..... 1
 Gi3_28477095_x1.....gagacgucgugggaUacggggugccgaacu..... 1
 Gi1_4205019_x1.....agacgucgNgggaacacggggugcc..... 1
 Gi2_11268571_x1.....auAggagacgucgugggaacacg..... 1
 Gi3_28557589_x1.....gaucggagacgucguggga..... 0
 Gi1_4302348_x1.....gGgacgucgugggaacacggggugccg..... 1
 Gi2_11057443_x1.....gucgugggaacacgCggugccgaacu..... 1
 Gi3_28931493_x1.gcgauccgCgacgucguggga..... 1
 Gi4_568772_x1.....gugggaacacggggAugccgaacu..... 1
 Gi3_28538130_x1.....acacggggugccUaacuu..... 1
 Gi1_4234473_x1.....cgucguCggaacacggggugccgaacu..... 1
 Gi2_11227967_x1.....gucgugUgaacacggggugc..... 1
 Gi3_28912351_x1.....gNgaacacggggugccgaac..... 1
 Gi4_594092_x1.....cgucgugggaacacggggugccgaCcu..... 1

Gi2_11389840_x1.....uggaacacggggugcAg..... 1
Gi1_4275104_x1.....cggagacguUguggaacacggggugcc..... 1
Gi2_11361831_x1.....ggCgacgucguggaacacggggug..... 1
Gi2_11172917_x1.....ucggagacgucguggaacC..... 1
Gi3_28594451_x1.....Acguggaacacggggugccg..... 1
Gi3_28876954_x1.....gaucggagacgCcguggga..... 1
Gi1_4257220_x1.....Gcguggaacacggggugccgaa..... 1
Gi1_4177610_x1.....gagacgucNuggaacacggggugcc..... 1
Gi3_28484806_x1.....uggUaacacggggugccga..... 1
Gi5_8977517_x1.....acNucguggaacacggggugccgaac..... 1
Gi1_4252500_x1.....gucgugggaGcacggggugccgaacu..... 1
Gi3_28677720_x1.....gagacgucNuggaacacg..... 1
Gi3_28508006_x1.....gaucUgagacgucguggaacac..... 1
G1a_6204197_x1.....aucggagacgucgugggaGcacggggug..... 1
Gi2_11264759_x1.....ucggagacgAcguggaacacggggugccg..... 1
Gi2_11092655_x1.....cguggaacacAgggugccgaa..... 1
Gi5_9005993_x1.....cggaUacgucguggaacacggg..... 1
Gi3_28510708_x1.....uggaacacCgggugccgaac..... 1
Gi2_11217973_x1..gcgaucggagaUgucguggaacacggggug..... 1
Gi2_11060102_x1.....aucggagacgucguggaacacgggA..... 1
Gi3_28910063_x1...gaucAgagacgucguggaacacggggugc..... 1
Gi2_11401586_x1.....gagacgucguggaacacggggCgccgaacu..... 1
Gi2_11291305_x1.....gUgacgucguggaacacggggug..... 1
Gi5_9086086_x1..ugcgaucggagCcgucgug..... 1
Gi5_8833892_x1.....cguggaacacgAggugccga..... 1
Gi2_11281154_x1.....uggaacacggggugccgaaA..... 1
Gi2_11061957_x1.....aucggagUcugcuguggaacacggggugc..... 1
Gi2_11252424_x1.....cguAguggaacacggggugccg..... 1
Gi2_11157763_x1..gcgaucggagacguUguggaacac..... 1
G1a_6347188_x1.....acgucguggaacacggggugccgaCcu..... 1
Gi5_8867208_x1.....cgAagacgucguggaacacgg..... 1
Gi2_11113469_x1.....gucguggUaacacggggugccgaac..... 1
Gi1_4212416_x1.....cgugggaaUacggggugccga..... 1
Gi5_9034524_x1.....gaacacggggugccgaaG..... 1
Gi3_28609142_x1.....ucgCgggaacacggggugcc..... 1
Gi3_28638459_x1.....ggagacguUguggaacacggggugcc..... 1
Gi2_11044372_x1.....ucggagacgucguggaacAagggugc..... 1
Gi5_8854932_x1.....ucguggaacacggggugc..... 0
Gi3_28932277_x1Gugcgaucggagacgucguggaacacggggugcc..... 1
Gi5_9018180_x1.....gcccugcNgcccaccuucgcccaguucg..... 1
Gi3_28500864_x1.....cggagacgAcguggaacacggggugc..... 1
Gi2_11232517_x1.....agacgucguggaacacggggugccgaUc..... 1
Gi2_11003426_x1.....cggagacgucgugggaCcacggggugccg..... 1
G1a_6335638_x1...aCcgagacgucguggaacacgggg..... 1
Gi3_28971991_x1.....acgucguggaacacUgggugccgaacu..... 1
Gi5_9107966_x1.....uggNaacacggggugccgaac..... 1
Gi2_11154062_x1.....aucggagacgucguggAaacacggggug..... 1

Gi1_4252164_x1.....ggaacacggggugGcgaac..... 1
Gi3_28664024_x1....gaucggagacgucgugggaaA..... 1
Gi3_28873933_x1.....cggagacgucguggUaacacggg..... 1
Gi3_28347973_x1.....cggUgacgucgugggaacacggggu..... 1
G1a_6089179_x1.....cgugggUacacggggugc..... 1
Gi5_8937271_x1....aucggagacgucUugggaacacggggugc..... 1
Gi5_9056288_x1....aucggUgacgucgugggaacacggggugc..... 1
Gi1_4208410_x1.....gucguggAaacacggggugccgaacu..... 1
Gi5_8939210_x1.....uUgugggaacacggggugcc..... 1
Gi1_4369465_x1.....cgucgugAgaacacggggugcc..... 1
Gi2_11298844_x1.....uAggagacgucgugggaacacg..... 1
Gi5_8970944_x1....aucggagacgucgugggaacacggA..... 1
Gi2_11038644_x1.....gaAacgucgugggaacacggggugc..... 1
Gi2_11217098_x1.....acgucgugggaacacggggugccgaaGu..... 1
Gi2_11070603_x1.....gacgucgugggUacacggggugccgaacu..... 1
Gi3_28358297_x1.....ggagacAucgugggaacacggggugcc..... 1
Gi5_9058015_x1.....cggagacgNcgugggaacacgg..... 1
Gi2_11049177_x1.....agacgucgGgggaacacggggug..... 1
Gi5_8913558_x1.....cgucgugggaacacggggugcAga..... 1
Gi1_4278766_x1.....ggaacaGggggugccgaacu..... 1
Gi1_4306063_x1.....acgucgugggaGcacggggugccgaacu..... 1
Gi3_28789204_x1.gcUaucggagacgucgugggaacacggg..... 1
Gi3_28457192_x1.....gAagacgucgugggaacacggggu..... 1
Gi5_8901890_x1.....ugggaacacggggugccga..... 0
Gi2_11335531_x1....gaucggagCcgucgugggaacacggggugc..... 1
Gi3_28369862_x1.....ggaacaGggggugccgaac..... 1
Gi3_28946124_x1.....cgugggaacacggggugccgaaAuu..... 1
Gi3_28398388_x1.....guGgugggaacacggggugccga..... 1
Gi4_585560_x1....guUgugggaacacggggugccgaacu..... 1
Gi3_28577996_x1.....ucgAgggaacacggggugc..... 1
Gi2_11377217_x1.....gacgucgugggaacacggggugccAa..... 1
Gi1_4322404_x1.ugcgauccgagGcgucguggga..... 1
Gi3_28299653_x1.....ggagacgucgugggaGcacgg..... 1
Gi5_9047431_x1.....Agucgugggaacacggggugccgaac..... 1
Gi2_11135835_x1.....cgucgugggaacacggggugUcga..... 1
Gi2_11222495_x1....cUgagacgucgugggaacacggggugccgaa..... 1
G1a_6358968_x1....cUgagacgucgugggaacacggggug..... 1
Gi5_9096254_x1.....gggaacacggggUccgaacu..... 1
Gi2_11061458_x1.....gagacgucgugggaacacgggAugccg..... 1
Gi1_4293264_x1.ugUgaucggagacgucgugggaacacg..... 1
Gi2_11344132_x1....cgauccgagacgucgugg..... 0
Gi2_11273739_x1.....uNggaaacacggggugccgaac..... 1
Gi2_11162054_x1....aucggagacgucguggCaacac..... 1
Gi2_11067240_x1.....guggUaacacggggugccgaacu..... 1
Gi1_4223473_x1.....ggagacgucgugggaacacggggua..... 1
Gi2_11311733_x1.ugcgauccgagacgucgugggC..... 1
Gi3_28421221_x1....gaucggagacgucgugggaaGacggggugc..... 1

Gi5_8915270_x1...cgaucggagacguUgugggaacacggg..... 1
Gi2_11280393_x1.....gucgugggaacacggggugG..... 1
Gi1_4211233_x1.....acguGgugggaacacggggugccgaacu..... 1
Gi2_11052726_x1..gcgaucggagacgucguggggaacCgggggug..... 1
Gi1_4331833_x1.....gagacgucgugggaacacAgggugccga..... 1
Gi2_11215735_x1.....ucggagacgucgCgggaacacggggugcc..... 1
Gi2_11391111_x1.....gagacgucguggAaacacggggugc..... 1
Gi3_28263794_x1cugcgauccggagGcgucguggggaacacggggug..... 1
Gi5_8873805_x1.....gggaacacggggugUcgaac..... 1
Gi2_11266608_x1..ugcgauccggagacgucAuggga..... 1
Gi3_28431944_x1.....ggagacgucguggggaacCggggugccgaac..... 1
Gi3_28540993_x1.....ggagacgucguggggaacaUggggg..... 1
Gi1_4229878_x1.....ucgugggaacacggggugAcg..... 1
G1a_6354246_x1.....Ccgagacgucguggggaacacggggg..... 1
Gi3_28747477_x1.....ggagacguUgugggaacacggggugccgaa..... 1
Gi1_4212515_x1.....gGgacgucguggggaacac..... 1
Gi1_4313097_x1....aucggagGcgucguggggaacac..... 1
Gi5_9029165_x1..ugcgauAggagacgucgug..... 1
Gi5_8853722_x1.....agacgucguggggaacacggggugUc..... 1
Gi3_28614813_x1.....gucgugggaacaUggggugccg..... 1
Gi2_11005546_x1.....acgucguggUacacggggugc..... 1
Gi2_11279178_x1.....guUgugggaacacggggugccgaa..... 1
Gi1_4363714_x1.....cgucgugAgaacacggggugccg..... 1
Gi4_604161_x1.....cgucgCgggaacacggggugccga..... 1
Gi3_28532652_x1..cgaucggaNacgucguggggaacacggggugc..... 1
Gi1_4300654_x1.....cggagacgucgugggaaAacggggg..... 1
Gi1_4160340_x1.....gucgugggaacaUggggugccgaacu..... 1
Gi3_28557332_x1.....ggagacgucgugggaaUacggg..... 1
Gi2_11240536_x1.....ucggagacgucguAggaacacggggugc..... 1
Gi3_28835081_x1.....ucgugggaacacggggCgccgaa..... 1
Gi3_28485697_x1.....ucgugAgaacacggggugc..... 1
Gi5_8977478_x1.....agacUucgugggaacacggggugc..... 1
Gi2_11325036_x1...gaucggagacgucAggga..... 1
Gi3_28304209_x1...gaCcgagacgucgugg..... 1
Gi3_28412637_x1.....cgucguggggaacacggUgugcc..... 1
Gi3_28935793_x1.....gugggaacacggggGgccgaacuuu..... 1
Gi5_8940673_x1.....cgucguggGacacggggugccgaa..... 1
Gi2_11110293_x1.....cgucgugggaacacgUggugccgaacu..... 1
Gi1_4171445_x1...gaucggagacguUgugggaacacgg..... 1
G1a_6204160_x1...gaucggagacgucguggggaacCggg..... 1
Gi2_11218858_x1....aucggagaNucguggggaacacgggg..... 1
Gi3_28793683_x1.....aacacgggAugccgaacuu..... 1
Gi2_11004801_x1.....gacgucgugggaAacggggugccgaacu..... 1
Gi2_11344205_x1.....gacgucAugggaacacggggg..... 1
Gi5_9134079_x1....aucggagacgucguggggaacaUggggg..... 1
G1a_6314687_x1.....gugggaacacggggugcUgaa..... 1
Gi3_28319817_x1.....gagacgucguggggaacacggAgugccgaacu..... 1

Gi2_11141837_x1.....gaacacggggugccgaaU..... 1
 Gl1a_6219817_x1.....gugggaacacggggugcG..... 1
 Gi5_8917666_x1.....cgAgggaacacggggugccgaacu..... 1
 Gl1a_6086833_x1.....gCgggaacacggggugccg..... 1
 Gi3_28689405_x1.....ucggagacguAgugggaacacggggugcc..... 1
 Gi2_11274415_x1.....acguUgugggaacacggggugccgaacu..... 1
 Gi1_4301382_x1..gGgaucggagacgucguggaaca..... 1
 Gi1_4238241_x1.....ucgugggaacacUgggugc..... 1
 Gi2_11050219_x1.....acgucguCggaacacggggg..... 1
 Gi2_11239936_x1.....gagacgucgugAgaacacggg..... 1
 Gi3_28917393_x1..gaucAgagacgucguggaacaacg..... 1
 Gi2_11212318_x1.....gucgGgggaacacggggugccg..... 1
 Gi3_28862626_x1.....gacgucguggaacGcggggugccg..... 1
 Gl1a_6156976_x1..gcgaucggagGcucgug..... 1
 Gi3_28400955_x1.....agacgCcgugggaacacggggugccgaa..... 1
 Gi2_11106474_x1.....agacgCcgugggaacacggggugc..... 1
 Gi3_28332919_x1....aucggagacgucgugCgaacacggg..... 1
 Gi2_11068700_x1.....acgucguAggaacacggggg..... 1
 Gi3_28778685_x1.....gagacgucguggaacc..... 1
 Gi3_28857206_x1.....gucgugggaGcacggggugccgaa..... 1
 Gi2_11192877_x1.....Agggaacacggggugccg..... 1
 Gi2_11294108_x1.....acgucgugggaacacggggugAcgaacu..... 1
 Gi2_11392980_x1.....gagacguUgugggaacacggggugcc..... 1
 Gi1_4351291_x1.....agacgucgugggaacacggggugccU..... 1
 Gl1a_6147959_x1...gaucggagacgucguggaaccGcggg..... 1
 Gi5_9113386_x1.....ggaacacgggUugccgaacu..... 1
 Gi5_9021586_x1.....gggNacacggggugccgaacu..... 1
 Gi2_11057975_x1.....agacgucgCgggaacacggggugccgaa..... 1
 Gi3_28614369_x1.....ggagacgucguggaacaacgAggugccg..... 1
 Gi2_11332601_x1.....cgugggaacacgggAugccga..... 1
 Gi3_28341878_x1.....cguggUaacacggggugc..... 1
 Gi1_4365653_x1.....ggGgacgucguggaacaacg..... 1
 Gi3_28498903_x1....aucggagacgucgugggaGacggg..... 1
 Gi2_11095984_x1.....gaNcacggggugccgaacu..... 1
 Gi5_8867061_x1.....cgucguCggaacacggggugccgaacu..... 1
 Gi5_8991885_x1.....cgugggaacacggggAgcc..... 1
 Gi3_28858800_x1.....cggagacguAgugggaacacg..... 1
 Gi2_11403226_x1...gaucUgagacgucgugggaacacggggugcc..... 1
 Gi2_11176360_x1.....gCgacgucgugggaacacggggug..... 1
 Gi3_28342228_x1....aucggagacgucgugggaacacUgggu..... 1
 Gi1_4305564_x1.....ggagacgucgugAaacacggggug..... 1
 Gi3_28300504_x1.....Agagacgucgugggaacacggggug..... 1
 Gi1_4284095_x1....Acggagacgucguggaacaacg..... 1
 Gi5_9034431_x1.....gacgucguggaacaacggggugcGgaacu..... 1
 Gi2_11396983_x1....aucggagacguAgugggaacac..... 1
 Gi1_4213093_x1.....Augggaacacggggugcc..... 1
 Gi2_11021932_x1....Nucggagacgucgugga..... 1

Gi1_4164506_x1.....aucggagacgucUugggaaacacggggugccgaacu..... 1
Gi2_11179539_x1.....ucggagacgucgugggGcacgggg..... 1
G1a_5984082_x1.....ucggagacgucgugggaaacGcggggugcc..... 1
Gi5_9053179_x1.....cCgagacgucgugggaaacacggg..... 1
Gi1_4281657_x1.....aucgUagacgucgugggaaacac..... 1
G1a_6043588_x1..gcgauAggagacgucgugggaaacacggg..... 1
Gi2_11100541_x1...gaucggagacgucgugggaaacaUggggug..... 1
Gi4_588100_x1.....cgucAugggaaacacggggugccga..... 1
Gi1_4252292_x1.....acgucgugggaaacacAgggugcc..... 1
Gi5_9001101_x1.....cgucgugggaaGacggggugc..... 1
Gi1_4338528_x1.....uUgugggaaacacggggugccga..... 1
Gi3_28325655_x1...gaGcggagacgucguggg..... 1
Gi1_4215169_x1.....aucggagaAgucgugggaaacacgggggu..... 1
Gi2_11049827_x1.....gagacAucgugggaaacacggggugccg..... 1
Gi5_9103810_x1.....agacAucgugggaaacacggggugcc..... 1
Gi1_4248734_x1.....ugUgaacacggggugccgaacu..... 1
Gi2_11034163_x1.....ggaacacggggugccgGa..... 1
Gi2_11016297_x1.....aucggagacgucguCggaacacggggugcc..... 1
Gi5_8851030_x1.....acgucgugNgaacacggggugccg..... 1
Gi1_4241418_x1.....aucggagacgucgugggaaacacggAgu..... 1
Gi2_11234105_x1.....agacgucguggUaacacggggugccgaacu..... 1
Gi1_4334935_x1..ugcgauccggagacgCcguggg..... 1
Gi4_609391_x1.....ugggaaacacAgggugccgaacu..... 1
Gi1_4275502_x1.....gugggaaacacggUgugccgaac..... 1
Gi2_11152878_x1.....cgNgggaacacggggugccga..... 1
Gi3_28642193_x1...cgauccggagacgucgugggaaUcacg..... 1
Gi2_11307466_x1.....cggagacgucguggAaacac..... 1
Gi3_28500262_x1.....gagacgucguAggaacacggggugccgaac..... 1
Gi3_28487612_x1.....gagacgucgugggaaacaUggggugccg..... 1
Gi1_4220778_x1.....agacgucgugggaaGcacggg..... 1
Gi5_9127627_x1.....agacgucgugggaaacacggggugccgaaAu..... 1
Gi3_28646241_x1.....aucggagacgucgugggaaacaAgggg..... 1
G1a_6131602_x1.....Ugugggaaacacggggugc..... 1
Gi3_28689487_x1.....Cacacggggugccgaacu..... 1
Gi3_28628051_x1.....gucgugggCacacggggugccga..... 1
Gi3_28738027_x1.....acgucgugggaaacacggggAcc..... 1
Gi2_11150037_x1.....aucggagacgucgAgggaaca..... 1
Gi2_11128233_x1.....aucggagCcgucgugggaaacacg..... 1
G1a_6109655_x1.....gucgugggCacacggggugccga..... 1
Gi3_28820329_x1.....gacgucgugggaaacCcg..... 1
Gi3_28363846_x1...cgaCcgagacgucgugg..... 1
Gi3_28638254_x1.....ucgugggaaacacUgggugc..... 1
Gi5_8968609_x1.....gaacacggggugccgCac..... 1
Gi2_11043420_x1...auGggagacgucgugggaaacac..... 1
Gi3_28981373_x1.....aucggagacgucgugggUaacacgggg..... 1
Gi1_4192132_x1.....gagacgAcgugggaaacacggggugcc..... 1
Gi3_28332941_x1.....gucgugCgaacacggggugccgaac..... 1

Gi3_28467524_x1.....ggCaacacggggugccgaa..... 1
Gi5_8945877_x1.....acuuuccagUgcgccugugcccacc..... 1
Gi3_28722370_x1..gGgaucggagacgucgugggaacacggggug..... 1
Gi5_9049361_x1.....gucgugggaacaAggggugccgaaac..... 1
Gi3_28339683_x1.....ucggagaAgucgugggaacacg..... 1
Gi5_9094242_x1.....gugNgaacacggggugccga..... 1
Gi5_8857466_x1....aucggagacgucgugggaGcacggggug..... 1
Gi3_28937650_x1.....gUcgucgugggaacacggggugccg..... 1
Gi2_11326745_x1.....ucggagacgCcgugggaaca..... 1
Gi1_4204810_x1.....gugggaacacgggAugccga..... 1
Gi1_4316270_x1.....gugggaacacggCgugcc..... 1
Gi3_28857202_x1..cgaucggagacgucgugggGacacg..... 1
Gi3_28872754_x1.....gugggaacaGggggugccg..... 1
Gi5_9108145_x1.ugcAaucggagacgucguggg..... 1
Gi3_28757174_x1.....ggagacgucgAgggaacacggggugccg..... 1
Gi3_28955945_x1.....cgugggCacacggggugccg..... 1
Gi3_28270008_x1.....ucUgagacgucgugggaacac..... 1
Gi4_606182_x1....auUggagacgucgugggaacacggggugcc..... 1
Gi2_11135499_x1.....gucgugggaacacAgggugccg..... 1
Gi3_28527332_x1.....Aagacgucgugggaacacg..... 1
Gi3_28771825_x1.....ggagaUgucgugggaaca..... 1
G1a_6238654_x1.....gAagacgucgugggaacacg..... 1
Gi5_8978870_x1....aucggagacgucgugggaacacggggAgc..... 1
Gi2_11294016_x1.....gugggaacacggggugccgaaUuu..... 1
Gi5_9065640_x1.....uggCaacacggggugccgaaac..... 1
Gi2_11107633_x1.....ggaacacUgggugccgaaac..... 1
Gi1_4239773_x1.....gacgucgugggaacacggggugccgaCcu..... 1
Gi2_11236126_x1..cgaCcgagacgucgugggaacacggg..... 1
Gi4_605456_x1.....gugggUacacggggugccgaaacu..... 1
Gi2_11021923_x1.....gggGacacggggugccga..... 1
G1a_6020466_x1.....Augggaacacggggugccgaa..... 1
G1a_6315686_x1.....acgucgugggaacacggggugccgCacu..... 1
G1a_6306008_x1.....ggGgacgucgugggaacacg..... 1
Gi1_4298577_x1.....Aacgucgugggaacacggggugccg..... 1
Gi3_28695922_x1.ugcgaucgNagacgucgugggaaca..... 1
G1a_6173894_x1.....ggaAacgucgugggaacacggggugcc..... 1
Gi1_4321274_x1.....cggaUacgucgugggaacacggggugccgaaacu..... 1
Gi3_28898556_x1....aucgUagacgucgugggaac..... 1
Gi3_28960822_x1....aucggagacgucgugggaacacggUg..... 1
Gi1_4185594_x1.....gugggaacacggggAgccgaaac..... 1
Gi5_8891076_x1.....gacguAgugggaacacggggugccgaaacu..... 1
G1a_6102169_x1.....ggagacgucgugAgaacacggggugcc..... 1
Gi3_28587978_x1.....ugggaacaUggggugccg..... 1
Gi5_8975075_x1.....gucguAggaacacggggugccgaa..... 1
Gi5_8842363_x1.....ugggaacaGggggugccgaaac..... 1
Gi2_11076305_x1.....ggagacguNgugggaacacggggug..... 1
Gi4_595930_x1....aucggagacgucgugggGacacggg..... 1

Gi3_28591573_x1.....uUggagacgucgugggaacacggggugc.....	1
Gi5_8976850_x1.....gaaGacggggugccgaacu.....	1
Gi5_8984995_x1....aGcggagacgucgugggaacacggggugccgaac.....	1
Gi2_11114660_x1.....gucgugggCacacggggugccg.....	1
Gi3_28565750_x1.ugcgaucggagacgucgugggaacacggggA.....	1
Gi5_9023998_x1.....cggagacgucgugggaacacggggugccg.....	0
Gi3_28610890_x1.....gacgucAugggaacacggggugccgaa.....	1
Gi5_8943162_x1....aucggagacgucGgggaacacg.....	1
Gi3_28939945_x1.....cgugggaaAacggggugccg.....	1
Gi3_28828521_x1....gaucggagacguAgugggaacacggg.....	1
Gi2_11136373_x1.....ggaaUacggggugccgaa.....	1
Gi3_28375860_x1.....gucgugggaacacggCgu.....	1
G1a_6128669_x1....aucggagacgucgugggaacaUggg.....	1
Gi5_8846968_x1.....gugggaaAacggggugccg.....	1
Gi5_9061604_x1.....cgucgugggaacacggggugccgaCc.....	1
Gi5_9094801_x1.....gagacgucgCgggaacacggggugccgaacu.....	1
Gi2_11165297_x1....aucggagacgucgugggaacacAggg.....	1
Gi5_9103253_x1.....aacaGggggugccgaacuuu.....	1
Gi2_11061984_x1....Acggagacgucgugggaacacggggugcc.....	1
Gi2_11240747_x1.....ggaacacggggugcGgaacu.....	1
Gi2_11122002_x1....gaucggagacgucgugggaacGcg.....	1
Gi3_28703347_x1.....cgucgugggaacacAgggugccga.....	1
Gi5_9118646_x1.....gugggaacacUgggugccgaac.....	1
Gi3_28353340_x1....ucggagacgucgAgggaacacg.....	1
Gi3_28650338_x1.ugcgaucgNagacgucgugggaacacggggugcc.....	1
Gi3_28549748_x1.....acgucgugggaacacggAgugcc.....	1
Gi1_4308242_x1.....gugggaacacgggCugcc.....	1
Gi1_4311543_x1....Aaucggagacgucgugggaacacgg.....	1
Gi2_11297692_x1.....gucgugggaaAacggggugccg.....	1
G1a_6309047_x1.....gugggaacaUggggugccga.....	1
Gi2_11267745_x1.....acgAcgugggaacacggggugccgaac.....	1
Gi1_4298224_x1.....gaacacggggugccgGac.....	1
Gi3_28371285_x1.....cgCcgugggaacacggggg.....	1
Gi3_28838043_x1....gUucggagacgucgugg.....	1
Gi3_28985203_x1.....gggaacacggggugcUgaacuu.....	1
Gi4_613919_x1....agacgucgCgggaacacggggugcc.....	1
Gi3_28825396_x1.....gugggaacacgggUugccg.....	1
Gi3_28369498_x1.....agacgucgugggaacacgAg.....	1
Gi3_28747170_x1.....gacgucgugggaacacgC.....	1
Gi3_28632708_x1....gaucggagacguGgugggaacacggg.....	1
Gi2_11330146_x1....gaAcggagacgucgugggaacacggggugc.....	1
Gi1_4290685_x1.....ugUgaacacggggugccgaac.....	1
Gi2_11131164_x1.....ggagacgucgugggaaAac.....	1
Gi2_11046805_x1.....cggagacgCcgugggaacacggggug.....	1
G1a_6338929_x1....cgGucggagacgucgugggaa.....	1
Gi2_11325570_x1.....gagacgucNugggaacacggggugc.....	1
Gi1_4296824_x1....ucggagacgucgugggaacacgggguAc.....	1

Gi1a_6329446_x1...Uucggagacgucgugggaaacacggggu..... 1
Gi2_11294285_x1...gaucggagacgucgugggUc..... 1
Gi5_8895326_x1.....gacgucgugggaaacacggggugUcgaacu..... 1
Gi1_4210395_x1...gaucggagacgucgugggaaacGcggggugcc..... 1
Gi3_28291287_x1.....ucgugggaaacacggggugccUa..... 1
Gi2_11259929_x1...cgaCcgagacgucgugggga..... 1
Gi5_9067242_x1.....gggaaGacggggugccgaacu..... 1
Gi1_4196698_x1...aucggagacgucgugggaaacGcggggu..... 1
Gi4_597262_x1.....ugUgaacacggggugccgaacu..... 1
Gi3_28836463_x1.....Agagacgucgugggaaacacggggugccgaac..... 1
Gi5_9014548_x1...aucggagacgucgugggaaUacggggugc..... 1
Gi3_28790007_x1.....ucgugggaaacacgggCugccgaac..... 1
Gi2_11079285_x1.....cggagacgucgugggaaacacggAgug..... 1
Gi1_4196304_x1.....aacacggggugccgaGcuu..... 1
Gi1a_6220950_x1.ugcgauacgAagacgucgu..... 1
Gi2_11006403_x1.....cgugggaaUacggggugccg..... 1
Gi1_4246711_x1.....gacgucgugggaaacacggggugcUgaacu..... 1
Gi1a_6001175_x1...aucggagacgucgCgggaacacgg..... 1
Gi1a_6262157_x1...aGcggagacgucgugggaa..... 1
Gi5_9126363_x1.....guggUaacacggggugccg..... 1
Gi5_9026259_x1...gaucggagacgucgugAgaacacggg..... 1
Gi3_28763278_x1.....ggagacgucgugggaaacacggggGgccgaa..... 1
Gi1_4260454_x1.....Ugucgugggaaacacggggugccg..... 1
Gi3_28447814_x1...aucggagacgucgugUgaacacgg..... 1
Gi3_28570625_x1.....cgugggaaacacggggugcAga..... 1
Gi5_8836340_x1.....acuuucccGgcgcccugcugcccacc..... 1
Gi3_28758590_x1...aucggagacgucgugggCacacggggug..... 1
Gi2_11043744_x1...aNcggagacgucgugggaaacacggggugc..... 1
Gi5_9100429_x1.....gugggCacacggggugccgaa..... 1
Gi1_4242350_x1.....agacUucgugggaaacacggggugccg..... 1
Gi5_8919882_x1.....cgucguggNaacacggggugccgaa..... 1
Gi2_11383068_x1...cggagacgucgugggaaacacggggCgccgaacu..... 1
Gi1_4361988_x1...aucggagacgucgugggGacacggggugc..... 1
Gi3_28599689_x1.....cNgagacgucgugggaaacacgggggu..... 1
Gi2_11141422_x1...cgaucggagacgGcgugg..... 1
Gi5_9014635_x1.....cgucgugggCcacggggugcc..... 1
Gi1a_6049012_x1.....ggaacCcggggugccgaac..... 1
Gi2_11312521_x1...cgaucggCgacgucgugggaaacacg..... 1
Gi4_584966_x1.....gugggaacacggggugccgaGc..... 1
Gi2_11054077_x1.....aCacgucgugggaaacacggggugccgaac..... 1
Gi4_580002_x1.....ggaacacggggugccAaacu..... 1
Gi5_9083321_x1.....ggaacacggggguCccgaacu..... 1
Gi2_11148400_x1...cgaucggagacgucgugggUaca..... 1
Gi4_572315_x1.....gggaacacggggugccAaacu..... 1
Gi4_595456_x1.....gggaacacggggugccGacu..... 1
Gi5_9123941_x1.....gagacgucgugggaaacacggggugccGacu..... 1
Gi2_11353305_x1...ucggagacgucgugggaaacacggAgugc..... 1

Gi3_28788106_x1.....ucggagacgucgugggGacacggggugccga..... 1
 Gi4_610217_x1.....cUgggaacacggggugccgaac..... 1
 Gl1_6329013_x1.....gacgucgCggaacacgggggu..... 1
 Gi3_28904424_x1.....gaAacgucgugggaaacacggggugccgaac..... 1
 Gl1_6223974_x1.....gUagacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28261718_x1.....gucgugggaaacacggggugccAaa..... 1
 Gi1_4292568_x1.....ucggagacgucgugggaaacGcggggugc..... 1
 Gi2_11261287_x1..gcgaucggagacgucgugggGcac..... 1
 Gi2_11388558_x1.....agacgucgugggaaUacggggugcc..... 1
 Gl1_6087841_x1.....guUggaacacggggugccga..... 1
 Gi3_28880478_x1..gaucggagacguAgugggaaacacg..... 1
 Gi1_4182374_x1.....Ugugggaaacacggggugcc..... 1
 Gi2_11351281_x1.....ggaacacggggugUcgaa..... 1
 Gi3_28808093_x1.....cggagacgCcgugggaaacacgggg..... 1
 Gi3_28808414_x1.....gagacgucgugggaaacGcggggugcc..... 1
 Gi5_9013356_x1.....gugggaaacacggggugcUgaa..... 1
 Gi2_11186005_x1.....gagacgucgugggaaacCggggugccgaac..... 1
 Gi3_28635184_x1.....gugggaaacacggggugcUgaaacu..... 1
 Gl1_6048808_x1.....ggaacacggggugccgaaU..... 1
 Gi2_11170283_x1.....aucggagaUgucgugggaaacacgggg..... 1
 Gi2_11308969_x1..gaucggagacgucAugggaaacacg..... 1
 Gi2_10993495_x1.....cgugggaaacacggggugG..... 1
 Gi3_28865742_x1.....gacAucgugggaaacacgg..... 1
 Gi1_4326793_x1.....gaNucgugggaaacacggggugccgaacu..... 1
 Gi2_11117463_x1.....cguUgugggaaacacggggugc..... 1
 Gl1_6000882_x1.....gaacacggNgugccgaac..... 1
 Gi2_11223470_x1.....agacgucgugggaaacacgUggugcc..... 1
 Gi2_11172251_x1..gaucCgagacgucgugggaaacacgggggu..... 1
 Gl1_6071780_x1.....gugggaaacUcggggugcc..... 1
 Gi2_11406968_x1..gaucggagacgucgugggGacacggggug..... 1
 Gi3_28826872_x1.....cggagacgucguggAaacacgggggu..... 1
 Gi1_4291944_x1.....aucggagacgucgugggaaGacgggg..... 1
 Gi1_4161904_x1.....cgugggaaacacggggugAcgaacu..... 1
 Gi5_8841939_x1.....cggagacgucguUggaacacgg..... 1
 Gi3_28281181_x1.....gagacgucgugggaaacacgAggugccga..... 1
 Gi1_4338332_x1.....gucgugggaaAacggggug..... 1
 Gi1_4342532_x1.....gucgugggGcacggggugccgaacu..... 1
 Gi1_4180163_x1.....ggUaacacggggugccgaa..... 1
 Gl1_6147163_x1.....gucgugggaaacAggggugccgaacu..... 1
 Gi2_11278650_x1.....cgucgugggaaacacggggugccUa..... 1
 Gi3_28944921_x1.....cgucgugggaaacCggggugccgaa..... 1
 Gl1_6124519_x1..gaGcggagacgucgugggaaacacggg..... 1
 Gi3_28266684_x1.....gacgucguggAaacacggggugccgaacu..... 1
 Gi2_11059151_x1.....cguUggaacacggggugccgaac..... 1
 Gi2_11324045_x1..ugcgaucggaAacgucgugggaa..... 1
 Gi2_11104714_x1.....cgucgugggaaUacggggugcc..... 1
 Gi1_4173542_x1.....ggaacacggggugccgaCc..... 1

Gi1_4183875_x1.....gugggaacacggggugccgUac.....	1
Gi4_591999_x1.....acgucgugggaacacggggugccgGacu.....	1
Gi1a_6108943_x1.....cggagacUucgugggaacacgg.....	1
Gi5_8957623_x1.....gacgucgugggaacacgggAugccgaacu.....	1
Gi2_11094170_x1.....aucggagacgucgugggaacacgAgg.....	1
Gi2_11213159_x1.....acgucgAgggaacacggggugcc.....	1
Gi1_4198358_x1.....agacgucguggAaacacggggugccg.....	1
Gi3_28633542_x1.....gaucggagaUgucguggga.....	1
Gi5_8954635_x1.....ucggUgacgucgugggaacacg.....	1
Gi1_4375876_x1.....Cucggagacgucgugggaacacg.....	1
Gi1_4254092_x1.....cguAggaacacggggugccgaac.....	1
Gi1_4360806_x1.....ugggaacacggggugccgaUcu.....	1
Gi5_9123820_x1.....cggCgacgucgugggaacacg.....	1
Gi5_9103489_x1.....gugggaacacgUggugccgaacuu.....	1
Gi4_584424_x1.....cUucgugggaacacggggugc.....	1
Gi3_28821798_x1.....ggagacgucgugggaUacggggugcc.....	1
Gi1_4198510_x1.....aucggagacgucgGgggaacacg.....	1
Gi2_11161697_x1.....ugggaacacggggugccgaGcuu.....	1
Gi5_9124912_x1.....cacggggugccgGacuuu.....	1
Gi5_9017364_x1.....gucgugggaacacggggugccAaa.....	1
Gi5_8879695_x1.....aAcggagacgucgugggaacacggggugc.....	1
Gi3_28341929_x1.....gacguGugggaacacggggugccg.....	1
Gi1a_6254318_x1.....gugggaacacggggugUcgaac.....	1
Gi3_28608554_x1.....cgauccgagacgucAugggaacacgggg.....	1
Gi1_4245029_x1.....ucguUggaacacggggugccga.....	1
Gi2_11228325_x1.....gacgucgugggaacacggggugccC.....	1
Gi3_28669747_x1.....gagacgucgugggCacac.....	1
Gi1_4260662_x1.....gucgugggaacacggggCgcc.....	1
Gi1a_5998643_x1.....cgugggaacacggggAgc.....	1
Gi2_11305005_x1.....gaucggagacguAgugggaacacg.....	1
Gi3_28349413_x1.....cggagacgCcgugggaacacg.....	1
Gi2_11354722_x1.....gNgaacacggggugccgaacu.....	1
Gi2_11015120_x1.....gggaacacgCggugccga.....	1
Gi5_8989660_x1.....gagacgAcgugggaacacggggugccgaacu.....	1
Gi2_11245133_x1.....uAggaacacggggugccgaacuu.....	1
Gi3_28915901_x1.....ugggaacacgggAugccg.....	1
Gi2_11169527_x1.....gaucggagaAgucguggga.....	1
Gi3_28275142_x1.....cgauccgaAacgucguggg.....	1
Gi2_11030349_x1.....ucgugggaUcacggggugccgaac.....	1
Gi1_4314917_x1.....gucguUggaacacggggugccgaacu.....	1
Gi5_9011612_x1.....cgucgugggUacacggggugcc.....	1
Gi2_11320009_x1.....gaCcgagacgucgugggaacacgg.....	1
Gi2_11141800_x1.ugcgauccgGgacgucgugggaacac.....	1
Gi3_28412732_x1.....gacgucgugggaacacggggGgcc.....	1
Gi1_4342969_x1.....ucgugggaacCggggugc.....	1
Gi5_8911070_x1.....Aaucggagacgucgugggaacacgggg.....	1
Gi5_9136005_x1.....cgucguggAaacacggggugccga.....	1

Gi1_4338964_x1.....ucggagacNucgugggaacacggg.....	1
Gi5_8886182_x1.....cgucgugggaCcacggggugc.....	1
Gi1_4319371_x1....aucggagacgucgugggaacacggggugccgaac.....	0
Gi5_9050829_x1.....guAggaacacggggugcc.....	1
Gi2_11309524_x1.....agacgucguggCaacacggggugccg.....	1
Gi2_11403646_x1.....gugCgaacacggggugccga.....	1
Gi3_28440211_x1.....cgucgugggaacGcggggug.....	1
Gi5_8899975_x1....gaucggUgacgucgugggaacacg.....	1
Gi4_596748_x1.....cguggGacacggggugcc.....	1
Gi4_611330_x1.....gucgugggaacacggggugccgaa.....	0
Gi1_4200379_x1....aucggagacgucgugAgaacacg.....	1
Gi5_9113568_x1.....cgugggaacacgggAugccga.....	1
Gi5_9062086_x1.....ggagacgCcgugggaacacggggugccgaacu.....	1
Gi3_28424949_x1.....acgucgugggaacaUggggugccgaa.....	1
Gi3_28526121_x1.....gucgugggUacacggggugc.....	1
Gi1_4325387_x1.....ucgAgggaacacggggugccgaac.....	1
Gi3_28752216_x1....gaucggagacgucgugggaacacgggAugc.....	1
Gi2_11399793_x1....gaucggagacgucgugggUaca.....	1
Gi1_4239272_x1.....Uggaacacggggugccga.....	1
Gi3_28805356_x1.....gagacgucgugggaacacggggugcUg.....	1
Gi2_11240191_x1....aucggagacgucguCggaacacggggugc.....	1
Gi3_28324786_x1.....acgucgugggaacacggggugcAga.....	1
Gi1_4202041_x1.....cgugggCacacggggugccgaac.....	1
Gi1_4370639_x1.....ggaacacggggugccgaUc.....	1
Gi4_572858_x1.....gggaacacggggCgcgaac.....	1
Gi1_4314101_x1.....cgucgugggaacacggggugccCaac.....	1
Gi3_28530103_x1.....ugggaacacgCggugccgaac.....	1
Gi5_9073317_x1.....ucgugggaacaGggggugccgaacu.....	1
Gi3_28943635_x1....gaucggagacgucguggUaacac.....	1
Gi2_11142050_x1.....gugggaacacggggugcGga.....	1
Gi5_9048533_x1.....cgugggaacacggggugcG.....	1
Gi3_28506660_x1....aucggagaGgucgugggaacac.....	1
Gi2_11178717_x1.....gucgugggaacCcggggugccga.....	1
Gi2_11220327_x1....aucggagacgucgugggaacacgggAugcc.....	1
Gi1_4159483_x1.....Ngaacacggggugccgaacu.....	1
Gi3_28719942_x1.....gucgugggNacacggggugccgaa.....	1
Gi2_11068476_x1....auGggagacgucgugggaaca.....	1
Gi1_4201065_x1.....ucgugggaacaUggggugccg.....	1
Gi5_9006177_x1.....gucgugggaacacgggAugccgaac.....	1
Gi2_11303052_x1....cgaucggagacgucguggGaca.....	1
Gi1_4168268_x1.....cgGgggaacacggggugccgaacu.....	1
Gi1_4270238_x1.....cgugggaacacggggAgccga.....	1
Gi2_11195983_x1.....ucgugggaacacgggAugccgaa.....	1
Gi5_8932681_x1.....cgGgggaacacggggugc.....	1
Gi2_11182697_x1.....uAgugggaacacggggugccgaa.....	1
Gi2_11266754_x1.....ggagacgucgugggGaca.....	1
Gi3_28752628_x1.....ucgugggaacacggggugUcg.....	1

G1a_6278743_x1...gaucggagacgucgugggaacacggggG..... 1
 Gi2_10996223_x1...aucggagacgucgugggaacacggggG..... 1
 Gi2_11340687_x1cugcgaucggagacgucgugggaacacggggugcc..... 0
 Gi5_8971729_x1.....gNaacacggggugccgaacu..... 1
 Gi1_4175306_x1.....gaacacggggGcgccgaac..... 1
 Gi1_4371425_x1.....agacgucgNgggaacacggggugccga..... 1
 Gi3_28800576_x1.....ugggaacacggGgugccg..... 1
 G1a_6221211_x1.....ucggagacgucgugggGacacgg..... 1
 Gi3_28850568_x1...cgauccgagacgucgugggaacacggggugccgaacu..... 0
 Gi3_28499134_x1.....ugggaacacggggUccgaac..... 1
 Gi3_28548211_x1.....ugggaacaGggggugccgaa..... 1
 Gi3_28964234_x1.....gucgAgggaacacggggugccga..... 1
 Gi1_4248276_x1.....ugggaacacggggugAcga..... 1
 Gi3_28700986_x1...gaucggagacgucgugggaUcacgggg..... 1
 Gi2_11233367_x1.....cggagacgucgugggaaAacggggugcc..... 1
 Gi2_11401936_x1...cgauccgagacgGcgugggaacacgggg..... 1
 Gi2_11376915_x1.....ugggaacacggggugAcga..... 1
 Gi5_9002786_x1.....Aagacgucgugggaacacggggugcc..... 1
 Gi1_4316066_x1...gaucggagGcgucgugggaacacggg..... 1
 Gi1_4172357_x1.....agUcgucgugggaacacgggg..... 1
 Gi5_9080062_x1.....cgAgggaacacggggugccg..... 1
 Gi3_28868339_x1.....cgucgugggaacacgAggugccgaa..... 1
 Gi3_28726336_x1.....Gcggagacgucgugggaacacggggugccgaacu..... 1
 Gi1_4223275_x1.....gacgucAugggaacacggggugccgaacu..... 1
 Gi1_4250180_x1.....cgCgggaacacggggugccg..... 1
 Gi3_28859388_x1.....ggaacacggggugccgaaG..... 1
 Gi2_11024932_x1.....ugggaacacUgggugccgaa..... 1
 G1a_6156067_x1...aucggagacgucgugggaacacgCggu..... 1
 Gi3_28440561_x1.....guUgugggaacacggggug..... 1
 Gi3_28515481_x1.....gagacgucgugggaacCcgggugccgaac..... 1
 Gi3_28867521_x1...gaucggagacgucgugggaacaG..... 1
 Gi5_8949160_x1.....gucgCgggaacacggggugc..... 1
 Gi2_11166368_x1...gcgaucggaAacgucgugggaacacggg..... 1
 Gi3_28761144_x1...ucggGgacgucgugggaacacggggugccgaac..... 1
 G1a_6353752_x1...gaucggagacgucgugggaacaUg..... 1
 Gi1_4199416_x1...gaucggagGcgucguggga..... 1
 Gi4_601083_x1...gacgucgugggaacacggggugccgaacA..... 1
 Gi2_11007882_x1.....cgucgGgggaacacggggugc..... 1
 Gi2_11299687_x1...cgauccgagacgucgugggaGcacggggug..... 1
 Gi2_11158685_x1.....ggagUcgucgugggaacacgggg..... 1
 Gi2_11331752_x1.....gacgucgugggaacacggggugAcgaac..... 1
 Gi3_28976063_x1.....aCacgucgugggaacacgggg..... 1
 Gi5_9087430_x1.....agacAucgugggaacacggggugccgaac..... 1
 Gi2_11197035_x1.....gagacgucgCgggaacacggggug..... 1
 G1a_6102016_x1.....gggaacacUgggugccgaacu..... 1
 Gi2_11322340_x1.....gacAucgugggaacacggggugc..... 1
 Gi2_11115456_x1.....gacgucgugggGacacggggugccgaac..... 1

Gi3_28820825_x1.....cgagagacgucgugggaGcaccggggug..... 1
Gi4_599000_x1.....gAgggaacacggggugccga..... 1
Gi3_28412396_x1.....ggagacgucgugUgaaca..... 1
Gi2_11105025_x1.....cguNggaacacggggugccgaac..... 1
Gi3_28587462_x1.....gacgucgugggaCcaccggggugccg..... 1
Gi2_11373037_x1.....cguggAaacacggggugccga..... 1
Gi3_28422835_x1.....aucggagacgucgugggaacacggggGgccg..... 1
G1a_6337277_x1.....Gcggagacgucgugggaacacggggugc..... 1
Gi5_8939837_x1.....cggagacgucgugggaUacggggugccga..... 1
Gi5_8854846_x1.....guUggaacacggggugccgaacuu..... 1
G1a_6137112_x1.ugcgauCGNagacgucgug..... 1
Gi2_11161982_x1.....aucggagacgucgCgggaacacgg..... 1
Gi3_28788866_x1.....cgucgugggaacacUgggu..... 1
Gi3_28580687_x1.....cguggAaacacggggugc..... 1
Gi1_4381532_x1.....Acggagacgucgugggaacacggg..... 1
Gi5_8903263_x1.....agaUgucgugggaacacggggugc..... 1
Gi1_4368496_x1.....cguggGcacacggggugcc..... 1
Gi2_11123213_x1.....gacgucgugggaacaGgggu..... 1
Gi5_8841682_x1.....ggCacacggggugccgaacu..... 1
Gi2_11378683_x1.....ucgugggaacacggggugAcgaac..... 1
Gi3_28340748_x1.....aucggagacgucgugggaacacggggugA..... 1
Gi1_4373095_x1.....ugUgaacacggggugccga..... 1
Gi5_8835995_x1.ugcgauCGGcagcuguggg..... 1
Gi1_4345552_x1.....gacgucguggAaacacggggugccgaacu..... 1
Gi3_28949602_x1.....ucggagacgucgugggaacacgggAugcc..... 1
Gi3_28806899_x1.....cgauCGgagacgCcgugg..... 1
Gi3_28424052_x1.....cgucgugggaacaUgggg..... 1
Gi5_9120124_x1.....cgucgugggaacacggggAgcc..... 1
Gi5_9017737_x1.....cAucgugggaacacggggugc..... 1
Gi5_9056872_x1.....cgGgggaacacggggugccg..... 1
Gi3_28376664_x1.....ggagacgucgugggaacacAgggugccga..... 1
G1a_6330985_x1.....gucgugggaacacggggugccgaCcu..... 1
Gi1_4283749_x1.....agacguUgugggaacacggggugccgaacu..... 1
Gi2_11023222_x1.....ucggCgacgucgugggaaca..... 1
Gi3_28656152_x1.....gaacacggggGgccgaacu..... 1
Gi5_9117015_x1.....gugggaacacggggugccgUacuuu..... 1
Gi3_28757196_x1.....gggaacacggggAgccga..... 1
Gi2_11009185_x1.....gucgGgggaacacggggugccga..... 1
Gi4_586201_x1.....ggaacacgNggugccgaacu..... 1
Gi3_28811831_x1.....acgGcuggggaacacggggugccgaa..... 1
Gi2_11096801_x1.....aucggagUcgucgugggaacacggggug..... 1
Gi2_11012093_x1.....aGgucgugggaacacggggugccga..... 1
Gi5_8977585_x1.....aucggagacgucgugggaacCc..... 1
Gi5_8905360_x1.ugcgauCGgagacgucguAgga..... 1
Gi5_9081824_x1.....ggaacacggggugcUgaac..... 1
Gi1_4324654_x1.....gucgugCgaacacggggugccgaac..... 1
Gi5_8930083_x1.....acgucgugggaacacggggAgcc..... 1

Gi2_11361321_x1.....	uggaacacggggugAcgaa.....	1
Gi1_4319731_x1.....	Uucguggaacacggggugccga.....	1
Gi2_11236290_x1.....	gaacacgUggugccgaacu.....	1
Gi2_11347618_x1.....	cgucguggaacacCgggug.....	1
Gi3_28284157_x1.....	gacgucguggaacacAgg.....	1
Gi3_28886431_x1.....	agacgucguggaacacggggugccAa.....	1
Gi3_28349541_x1.....	guggaacacUggggugccg.....	1
Gi2_11161770_x1.....	aucggagacgucguggaacacgggUugcc.....	1
Gi5_9060248_x1.....	aucggagacgucgugga.....	0
G1a_6286487_x1.....	aucggGgacgucguggaacacgg.....	1
Gi2_11397859_x1.....	cgucguggGacacggggugccgaac.....	1
Gi1_4302488_x1.....	gcgaucggagacgucguggaacacggggugccga.....	0
Gi2_11381558_x1.....	ggagacgucguggaCcac.....	1
Gi3_28612825_x1.....	gauAggagacgucguggaacacggg.....	1
Gi5_8839575_x1.....	agacgucguggaacacggggugccgUacu.....	1
Gi5_9050914_x1.....	guggaacacAgggugccg.....	1
Gi2_11375270_x1.....	acgucguggaacacCgggugccgaa.....	1
Gi2_11142379_x1.....	ucggaUacgucguggaac.....	1
Gi5_8933110_x1.....	cCuggaacacggggugccgaacu.....	1
Gi3_28454117_x1.....	gacgucguggaacNcggggugccgaacu.....	1
Gi1_4253092_x1.....	aucggagaNgucguggaacacggg.....	1
G1a_6147459_x1.....	aucggagCcgucgugga.....	1
Gi2_11315886_x1.....	cguggaacacggggugGc.....	1
Gi1_4341789_x1.....	ggGgacgucguggaacacggggug.....	1
Gi3_28497722_x1.....	gaucggagacgucguggaacUcggggugc.....	1
Gi2_11184741_x1.....	gucguggaacacggggugccgC.....	1
Gi3_28794766_x1.....	guggaacacgCggugccgaa.....	1
Gi3_28413707_x1.....	gacguUguggaacacggggu.....	1
G1a_6322999_x1.....	aucgUagacgucguggaacacggg.....	1
Gi2_11313391_x1.....	agacgucguggaacacggggugccgaUcu.....	1
Gi3_28331419_x1.....	ugNgaacacggggugccgaa.....	1
Gi2_11389766_x1.....	cgaucggagCcgucguggaacacggg.....	1
Gi3_28806727_x1.....	gaucggUgacgucgugga.....	1
Gi2_11023884_x1.....	ggagacgucguggaacacgggUugcc.....	1
Gi1_4346989_x1.....	gaucggaAacgucgugg.....	1
Gi2_11029800_x1.....	cgucguggaacacggggugcGgaacu.....	1
Gi2_11296973_x1.....	cgucguggAaacacggggugccg.....	1
G1a_6138011_x1.....	acgucguggaacacAgggu.....	1
Gi2_11065411_x1.....	agaUgucguggaacacggggugccgaacu.....	1
Gi3_28581080_x1.....	gacgucgCgggaacacggg.....	1
Gi3_28853400_x1.....	gaucggagaAgucgugga.....	1
Gi2_11177364_x1.....	aucggagacgucguggaacacggggugcA.....	1
Gi2_11219368_x1.....	aucggagacgucguggaacacggggugG.....	1
Gi2_11170750_x1.....	gacgucguggaacGggggugccgaacu.....	1
G1a_6359722_x1.....	ucggagacgucguggCacacggggugcc.....	1
Gi2_11193429_x1.....	uggaacacggggugccgGa.....	1
Gi2_11127496_x1.....	cugcgaucggagacgucguggaacA.....	1

Gi2_11173634_x1.....cgucgugggaacaAggggugccgaac.....	1
Gi5_9072141_x1.....guggAaacacggggugccgaa.....	1
Gi3_28793472_x1.....ggagacgucgugUgaacacg.....	1
Gi2_11207060_x1.....aucggagacAucguggga.....	1
Gi5_8881043_x1.....cgucgugggaacacggggAgccgaa.....	1
Gi3_28539792_x1.....ucggagCcgucgugggaacacggg.....	1
Gi1_4356185_x1.....gggaacacggggugccgaaA.....	1
Gi5_9132000_x1.....ucgugggaacaGggggugccgaac.....	1
Gi5_8915265_x1.....cgugggaUcacggggugccga.....	1
Gi2_11013576_x1.....Aggagacgucgugggaacacggggugccgaacu.....	1
G1a_6188052_x1.....ucggagaUgucgugggaacacggg.....	1
Gi1_4262225_x1.....gugCgaacacggggugccg.....	1
Gi5_9121769_x1.....gugggaacacggggugcAga.....	1
Gi1_4185341_x1.....ucggagacgucgugggaacacggggAgc.....	1
Gi3_28453491_x1.....ggagacgucgugggaacacggggUcc.....	1
Gi3_28446593_x1.....ucgugggaacacggggugUc.....	1
Gi1_4208002_x1.....ucggagacgucgugggaacaAggggugccgaacu.....	1
G1a_6287478_x1.....acgucgugggaacacggggugccgaacA.....	1
Gi3_28335936_x1.....cgucgAgggaacacggggugccgaa.....	1
G1a_6301518_x1.....aucggagacgucgugggGacacgg.....	1
Gi2_11207418_x1.....gacUucgugggaacacggggugccgaac.....	1
Gi3_28698841_x1.....gaucggagacgucguggUaacacggggU.....	1
Gi5_8983057_x1.....cgucgugggaacacggggAgccga.....	1
Gi2_10995106_x1.....aucggagacgucgugggaacacggC.....	1
Gi1_4245540_x1.....cgucgugggaacacggggugccgaaAu.....	1
G1a_6167373_x1.....Aaucggagacgucgugggaacacg.....	1
Gi1_4213635_x1.....guAggaacacggggugccgaa.....	1
Gi2_11183648_x1.....gugggaacacggggugGcga.....	1
Gi5_9028812_x1.....agacgucgugggaacacggggugccgaa.....	0
Gi2_11257254_x1.....agacgucgugggaacacggAgugcc.....	1
Gi5_8968304_x1.....gugUgaacacggggugccgaacu.....	1
Gi3_28364572_x1.....gagacgucgugggaacacggggugccgaaU.....	1
G1a_6185367_x1.....aucggagacgucgugggaacacU.....	1
Gi2_11113412_x1.....cgucgugggaacacggggAgccgaa.....	1
Gi2_11359708_x1.....aucggagacgucgugAgaaca.....	1
Gi3_28348113_x1.....ucggagacgCcgugggaacacggggugc.....	1
Gi2_11049741_x1.....aucggagacguAgugggaaca.....	1
Gi3_28274763_x1.....Nggaacacggggugccgaacu.....	1
Gi5_8965818_x1.....agacgucgugggaacacggggugUcgaacu.....	1
Gi2_11084563_x1.....cgaucAgagacgucgugggaacacggggugcc.....	1
Gi3_28522506_x1.....cgucgugggaacacggggugG.....	1
Gi3_28908826_x1.uUcgaucggagacgucgugggaacacggg.....	1
Gi2_11406577_x1.....cgucguAggaacacggggugccgaa.....	1
Gi2_11239406_x1.....uGggagacgucgugggaacacg.....	1
Gi5_9136118_x1.....Cagacgucgugggaacacggggugccgaac.....	1
Gi1_4363205_x1.....gaacacCgggugccgaacu.....	1
Gi1_4165978_x1.....cgugggaacacgUggugccgaacu.....	1

Gi3_28320715_x1...cgGucggagacgucgugggaaacacgg.....	1
Gi3_28721942_x1.....cgucCugggaaacacggggugc.....	1
Gi1_4278910_x1....aucggagacguUgugggaaacacggg.....	1
Gi5_8999733_x1.....cgugggaaacacggggUAccga.....	1
Gi5_9018678_x1....aucggCgacgucgugggaaacacg.....	1
Gi1_4259762_x1.....cguUgugggaaacacggggugccgaacu.....	1
Gi1_4378067_x1.....gucgugggaaacacggggUcccgaacu.....	1
Gi3_28562281_x1...cgauccgagacgucgGgggaacacg.....	1
G1a_6066103_x1.....gucgugggaaAacggggugcc.....	1
G1a_6269382_x1.....gacgucgugggaaacacggggGgccgaacu.....	1
Gi1_4240272_x1.....cgucgugggaaacacgggCugccgaacu.....	1
Gi2_11217981_x1.....cgucgugggaaacacAgggug.....	1
Gi2_11043685_x1.....cgugggaaacacggAgugc.....	1
Gi5_8992761_x1.....cgucgugggaaacacggggugcGgaacu.....	1
Gi4_613890_x1.....gugggaaacacggggugccgaUu.....	1
Gi3_28765382_x1....aucggagacgucgugggaaacacgAgggugccg.....	1
Gi5_9097358_x1.....uggUacacggggugccgaac.....	1
Gi5_8898971_x1.....ucgugggaaGacggggugccgaacu.....	1
Gi2_11220507_x1....uUggagacgucgugggaaacacggggugccgaacu.....	1
Gi2_11057141_x1....gaucggagacgucgugggaaacacgAgggug.....	1
Gi5_8866100_x1.....cgucgugggUacacggggugccgaacu.....	1
Gi3_28651206_x1....cgauUggagacgucgugggaaacacggggugcc.....	1
G1a_6051418_x1....gauUggagacgucgugggaaacacggggU.....	1
Gi1_4226949_x1.....agacgucgugggaaacacggggugccAa.....	1
Gi2_11268285_x1.....cguggUaacacggggugccgaac.....	1
Gi2_11359732_x1....gaucggagacgucgugggaaacacggggugU.....	1
Gi1_4179569_x1.....cgucguggNaacacggggugccgaa.....	1
Gi2_11029106_x1.....gagacgucguggUaacacggggugccgaacu.....	1
Gi3_28982565_x1cugNgauccgagacgucg.....	1
Gi3_28265582_x1.....cggagacgucgugggaaCcacggg.....	1
Gi1_4273633_x1.....cggagacgucgugggaaacacggggugUc.....	1
Gi1_4209292_x1.....acguAgugggaaacacggggugccgaacu.....	1
Gi3_28671797_x1.....gacgucgugggaaacacggAgugccgaa.....	1
Gi3_28949827_x1.....agacgucCugggaaacacggggugcc.....	1
Gi5_8978993_x1.....agacgucgugggaaacacggggugcAgaac.....	1
Gi3_28276170_x1..gcgaGcggagacgucgugggaaacacggggU.....	1
Gi2_11316296_x1..gcgaucggagacgucAuggga.....	1
Gi5_9028194_x1.....acGcggggugccgaacuuu.....	1
Gi3_28555824_x1....ucggagacgucgugggaaUcac.....	1
Gi5_8935414_x1....aucggagacgucgugggaaacacU.....	1
Gi1_4310762_x1....aucggGgacgucgugggaa.....	1
Gi1_4245667_x1.....ggagacgucgugggaaacacg.....	0
Gi3_28822262_x1.....acgucgugggaaAacggggugcc.....	1
Gi3_28274578_x1....gaucggagacCucgugggaaacacggggU.....	1
Gi3_28374729_x1....cgaNcggagacgucgugggaaacacg.....	1
Gi3_28580297_x1....ucggagacgucgugggaaacaUggggU.....	1
Gi3_28562907_x1.....Ucugcugggaaacacggggugccg.....	1

Gi5_8934222_x1.....guUggaacacggggugccg..... 1
Gi3_28899074_x1.....gagacgucgugggaaacacggggugcAgaacu..... 1
Gi3_28524640_x1.ugcgauccggGgacgucgugggaaacacgggggu..... 1
Gi2_11390616_x1.....aucggagacgucgugggaaGcacgggg..... 1
Gi5_8977242_x1.....aucggagaNgucgugggaaacac..... 1
Gi3_28461412_x1.....ggagacgucgugggaaacacggAg..... 1
Gi2_11103474_x1.....agacgucgucGgaacacggggugccgaacu..... 1
Gi3_28649692_x1.....gucgCgggaacacggggug..... 1
Gi2_11169419_x1.....cCaucggagacgucgugggaa..... 1
Gi3_28501179_x1.....cgucgugggaaacacggggugGc..... 1
Gi1_4198491_x1.....ugggGacacggggugccgaa..... 1
Gi2_11187240_x1.....ggagacgucguAggaacacgggggu..... 1
Gi3_28294068_x1.....Cacgucgugggaaacacggggugccg..... 1
Gi2_11144443_x1.....cgugggaaacacggggAgccga..... 1
Gi2_11071903_x1.....gaucggagacgucguUgga..... 1
Gi3_28632611_x1.....cgauUggagacgucgugggaaacacg..... 1
G1a_6242117_x1.....gugggaacacggggugccgGa..... 1
Gi4_609266_x1.....ugggaacacggggUaccgaacu..... 1
Gi1_4290890_x1.....acgucgGgggaacacggggugccgaacu..... 1
Gi3_28377266_x1.....acgucgugggaaacacUggggugccg..... 1
Gi5_8911239_x1.....Agagacgucgugggaaacacggggugccgaacu..... 1
Gi5_8993333_x1.ugcgGucggagacgucgug..... 1
Gi3_28479734_x1.....gagacgucgugggaaUcacgggggu..... 1
Gi3_28676665_x1.....cggagacgucguUggaacacgg..... 1
Gi2_11094266_x1.....cgNagacgucgugggaaacacggggugcc..... 1
Gi5_9133249_x1.uUcgauccggagacgucgugggaaacacgggg..... 1
Gi3_28512612_x1.....gaAcggagacgucgugggaaacac..... 1
Gi2_11187451_x1.....gacgucgugggaaacacggAgugccgaacu..... 1
Gi3_28840271_x1.....acacggggugccgGcuu..... 1
Gi1_4164323_x1.....gAcgugggaaacacggggugcc..... 1
Gi5_9137471_x1.....Aggagacgucgugggaaacacgg..... 1
Gi4_582014_x1.....aGgucgugggaaacacggggugccgaacu..... 1
G1a_6068185_x1.....cggagacgucgugggaaCcacgggggu..... 1
Gi5_8893596_x1.....gugggaaUaccggggugccga..... 1
G1a_6113765_x1.....gugggaaUaccggggugccgaac..... 1
Gi1_4343959_x1.....gugggaaacacggAgugccgaacuu..... 1
Gi2_11363186_x1.....agacgucgugggaaacacAgggggugcc..... 1
Gi2_10993964_x1.....cggagacgucgugggaaacG..... 1
Gi3_28851059_x1.....ggagacgucgugggaaacacgAgggugccgaacu..... 1
Gi3_28838756_x1.....ucggagacgucgugggaaacacAgg..... 1
Gi3_28375273_x1.....cggagacgucgugggaaacacUggggugccgaacu..... 1
G1a_6102128_x1.....gaucggagacgucguggAaacacg..... 1
G1a_6051007_x1.....gaacacggggugccgaacG..... 1
Gi1_4266851_x1..cgUucggagacgucgugg..... 1
Gi1_4216619_x1.....aucggaAacgucgugggaaacacg..... 1
Gi5_9025924_x1.....gagacgucgugggaaUaccggggugccgaacu..... 1
Gi1_4169383_x1.....ggagacgucgugggaaacacggggUacc..... 1

G1a_6228161_x1.....ucgugggaacaUggggugccgaacu..... 1
 Gi2_11170763_x1.....ucggagacgGcgugggaac..... 1
 Gi5_8964649_x1.....cgugggaGcacggggugccg..... 1
 Gi1_4261397_x1.ugcgauccgagacgucguAggaaca..... 1
 Gi3_28835988_x1.....gugggaacacCggggugcc..... 1
 Gi1_4239204_x1.....gaUgucgugggaacacggggugccgaac..... 1
 Gi3_28490721_x1.....gagacgucgGgggaacacggggugccg..... 1
 Gi3_28557209_x1.....aucggagacgucgugggaacacgggUgu..... 1
 Gi1_4306784_x1.....Ugagacgucgugggaacacggggugccgaac..... 1
 Gi1_4168117_x1.....gagacgucgugggaacaU..... 1
 Gi3_28404112_x1.....gaucggagacgucguggAaacacg..... 1
 Gi5_8916653_x1.....aucggagacAucgugggaacacgggggu..... 1
 Gi5_9024730_x1.....gaucggagacguUgugggaacac..... 1
 Gi2_11258788_x1.....cgucgugggaacUcggggugccgaacu..... 1
 Gi3_28321553_x1.....cggagacgucgugggaacacggggugAc..... 1
 Gi4_604087_x1.....gugggaCcacggggugccgaacu..... 1
 Gi2_11370550_x1.....ugggaacaGggggugccga..... 1
 Gi3_28789552_x1.....ggagacgucgugggaGcacggggugcc..... 1
 Gi3_28307855_x1.....ucggagacgucgugggaCcacgggggu..... 1
 Gi3_28976007_x1.....gacgucgugggaacacggggugccgaCc..... 1
 G1a_6319072_x1.....gaucggagacgucguggGg..... 1
 Gi5_9075650_x1.....gaucggagNcgucgugggaaca..... 1
 Gi3_28667785_x1.....gaucggagacgucguggAaacacgggggu..... 1
 Gi3_28654476_x1.....aucggagacgucgugggaacacggggugccgCacu..... 1
 Gi1_4218954_x1.....cgCgggaacacggggugccgaacu..... 1
 Gi1_4304041_x1.....gugggaacacggggugccgaCcu..... 1
 Gi1_4351838_x1.....gUgacgucgugggaacacggggugccgaacu..... 1
 Gi1_4297365_x1.....aucggagacgucgugggaa..... 0
 Gi1_4357205_x1.....agacUucgugggaacacggggugccgaac..... 1
 Gi2_11296757_x1.....ggagacguAgugggaacacg..... 1
 Gi3_28697728_x1.....cgucCugggaacacggggugccgaac..... 1
 Gi2_11237568_x1.....ggagacgucgugggaacacggggugccU..... 1
 Gi1_4303606_x1.....ucggagUcgucgugggaacacg..... 1
 Gi5_8900393_x1.....aacacggggugccgaacuC..... 1
 Gi2_11037228_x1.....agacgucgAgggaacacggggugccgaacu..... 1
 Gi3_28688249_x1.....agacgucgugggGcacggggugcc..... 1
 Gi2_11197183_x1.....gagaAgucgugggaacacggggug..... 1
 Gi2_11316054_x1.....ucggagacgucgugggaacacgCggugc..... 1
 Gi2_11141248_x1.....gaucggagacgucgugggaacCcg..... 1
 G1a_6339229_x1.....gugggaacacgUggugccgaac..... 1
 Gi5_8981909_x1.....gagacgucgugggaGcacggggugccgaacu..... 1
 Gi1_4237917_x1.....ugggaacacgggAugccgaacu..... 1
 Gi3_28575009_x1.....aucggagacgucguggCaacacg..... 1
 Gi2_11356550_x1.....acgucgugggGcacggggugccg..... 1
 Gi3_28753461_x1.....gucgugggaaUacggggugc..... 1
 Gi3_28447587_x1.....cggagCcgucgugggaacacggggugccga..... 1
 Gi3_28667201_x1.....aCacgucgugggaacacggggugccgaac..... 1

Gi3_28934792_x1.....uUggagacgucgugggaacac..... 1
 Gl1_6149434_x1...Uaucggagacgucgugggaacacggggugcc..... 1
 Gi2_11313963_x1.....gacgucgugggaacacgggAugccg..... 1
 Gi2_11144616_x1.....acgucgugggaCcacggg..... 1
 Gi1_4203296_x1.....ugggaacacggggugccCaacu..... 1
 Gi3_28519686_x1.....acgucgugggaacacggggAgccga..... 1
 Gi2_11290011_x1.....ggagacguGgugggaacacggggugcc..... 1
 Gi1_4261223_x1.....ugggaacacggCgugccgaacu..... 1
 Gi2_11083932_x1.....cggagacgucgugggaacGcgggg..... 1
 Gi2_11317084_x1.....ucgugggaacacggCgugccg..... 1
 Gi2_11126056_x1.....ggUgacgucgugggaacacggggugccg..... 1
 Gi2_11317950_x1.....gacgucgugggUacacggggg..... 1
 Gi3_28971096_x1...gaucggaAacgucgugggaacacggg..... 1
 Gi2_11107628_x1.....gagacgucgugggGacacggg..... 1
 Gi1_4375399_x1...cgaucggagacgucgugggaacacgAggu..... 1
 Gi2_11407229_x1...cgaucggagaUgucgugggaacacggggug..... 1
 Gi3_28538990_x1....aucggagacgucgugUgaacac..... 1
 Gi2_11399549_x1....gagacgucgugggaGcacggggugccgaacu..... 1
 Gi3_28823849_x1.....gCgucgugggaacacggggugccgaacu..... 1
 Gi1_4347839_x1....aucggagacgucgugggaacaUgggg..... 1
 Gi1_4286657_x1....aucggagacgucgugggaacacggggGgc..... 1
 Gi2_11063874_x1....aucggaAacgucgugggaacacggggugcc..... 1
 Gi1_4287470_x1...gaucggagacgucgugggaGacgg..... 1
 Gl1_6245419_x1.....Agagacgucgugggaacacggggugcc..... 1
 Gi3_28715171_x1.ugcgaucggagGcucguggga..... 1
 Gi3_28454112_x1.....cggagGcucgugggaacacgg..... 1
 Gi4_582119_x1.....cgucgugggaacacggggugccgC..... 1
 Gl1_6278417_x1.....Cgagacgucgugggaacacg..... 1
 Gi3_28514084_x1.....cggagacgucgugggaacacggAg..... 1
 Gi2_11298505_x1.....gacAucgugggaacacggggugccg..... 1
 Gi1_4173581_x1....aucggagacgucgugAgaacacgggg..... 1
 Gi2_11404089_x1.....gucgugggaacacggggugcAgaac..... 1
 Gi5_8903780_x1.....cgucgugNaacacggggugcc..... 1
 Gi3_28361834_x1....aucggagacgucguCggaacac..... 1
 Gi3_28841029_x1...gaucggGgacgucgugggaacacgggg..... 1
 Gl1_6123715_x1....aucggagaAgucgugggaacacggg..... 1
 Gl1_6251954_x1.ugcgaucggagaGgucgug..... 1
 Gi5_8923396_x1.....ucgugggaacacgggAugccgaac..... 1
 Gi3_28943214_x1.....ggagacgucgugggaacacggggugccgaUc..... 1
 Gi3_28571428_x1.....cggagacgCcgugggaacacggggug..... 1
 Gl1_6170019_x1....Uucggagacgucguggga..... 1
 Gi3_28511785_x1.....gucgugggaacacUgggugccgaac..... 1
 Gi3_28641250_x1.....cNucgugggaacacggggugccgaacu..... 1
 Gi1_4199689_x1.....acgucgugAgaacacggggugccgaac..... 1
 Gi3_28329679_x1.gcgGucggagacgucgugggaaca..... 1
 Gl1_6168312_x1....aucggUgacgucgugggaacacggg..... 1
 Gi5_8905130_x1.ugcgaucgNagacgucguggga..... 1

Gi3_28982958_x1.....ggagacgucGgggaacacggggugccg..... 1
 Gi2_11368706_x1...cgaucggagacgucgugggaaacacggggugcG..... 1
 Gi1_4293761_x1....aucggagacgucgugggaaacacggggC..... 1
 Gi2_11384165_x1.....Uggagacgucgugggaaacacggggugccga..... 1
 Gi3_28343123_x1.....ggagacgucguAggaacacggggugccg..... 1
 Gi5_8895509_x1.....Ccgagacgucgugggaaacacggggugccgaacu..... 1
 Gi3_28719019_x1..gcgaCcgagacgucgugggaaacacgg..... 1
 Gi2_11316137_x1...cCaucggagacgucgugggaaacacggggugc..... 1
 Gi1_4181962_x1....aucggagacgucgugggaaacacgAggu..... 1
 Gi3_28278407_x1.....cgucgugggaaacacAgggugc..... 1
 Gi3_28420941_x1.....acgucguCggaacacggggugccgaac..... 1
 Gi2_11027609_x1....aucggagacgucgugggaaacacgUg..... 1
 Gi3_28658001_x1.....ucggagacgucgugggaaAacgg..... 1
 Gi2_11111480_x1.....gagacgucgugggaaacacggggugcAgaac..... 1
 Gi5_8912821_x1.....gacgucgugggaaacacggggugccgaCcu..... 1
 Gi2_11264232_x1....aucggagacgucCugggaaacac..... 1
 G1a_6195201_x1.....gugggaaacacgggAugccgaa..... 1
 Gi3_28673157_x1.....ggagacgucgugggaaacacggggugUcgaacu..... 1
 Gi3_28841641_x1.....ucguCggaacacggggugccg..... 1
 Gi5_9048218_x1.....Ngaacacggggugccgaacu..... 1
 Gi3_28919389_x1....aucggagaAgucgugggaaacacg..... 1
 Gi3_28505910_x1....aucggagacgucgugggUacac..... 1
 Gi3_28525366_x1....ucggagacgucgugggaaacacU..... 1
 Gi1_4383907_x1..Ggcgaucggagacgucgugggaaacacg..... 1
 Gi2_11167446_x1...gaucggagacgucgugggGcacggggugc..... 1
 Gi2_11159848_x1....aucggagacgucAugggaaacacg..... 1
 Gi2_11095498_x1.....cggagacgucgugggaaacacggUgug..... 1
 Gi2_11179885_x1.....gucgugggaaacacggggugcU..... 1
 Gi1_4305731_x1.....ucNuggaaacacggggugccgaacu..... 1
 Gi3_28371378_x1.....gucguAggaacacggggug..... 1
 Gi2_11164527_x1...cgaucggagacgucgCgg..... 1
 Gi2_11064052_x1.....gacgucgugggaaacGcgg..... 1
 Gi2_11017653_x1.....cggagacgucgugggaaacGcg..... 1
 Gi5_8975565_x1....aucggagCcgucgugggaaacacgg..... 1
 G1a_6232509_x1...cgaucggCgacgucgugggaa..... 1
 G1a_6094550_x1.....ggagacgucgugggGcacg..... 1
 Gi3_28519424_x1.....gacgucgugggGcacggggu..... 1
 Gi3_28599860_x1.....gagacguUgugggaaacacg..... 1
 Gi2_11377878_x1.....ugggaaacacgggAugccg..... 1
 Gi2_11145614_x1....aucNgagacgucgugggaaacacggggu..... 1
 Gi5_9000953_x1.....gugggaaacacggggCgccga..... 1
 Gi3_28628883_x1..ugcgaucggagacgucgugggGcacg..... 1
 Gi3_28478675_x1.....gugggaaacacggAgugccgaacuu..... 1
 Gi2_11106786_x1..ugcgaucggagacgucgugggaaAac..... 1
 Gi5_9023895_x1.....ggagacgucgugggaaacacggggA..... 1
 Gi3_28351204_x1..ugcgaucggagacgucgugggaaac..... 0
 Gi1_4248484_x1.....ucgugggaaacacggggugccgaaGu..... 1

Gi5_8896171_x1.....aucggagacguUgugggaacacg..... 1
Gi5_9077807_x1.....aAcggagacgucgugggaaca..... 1
Gi1_4224752_x1.....acgucgugAgaacacggggugccgaacu..... 1
Gi3_28755289_x1.....gacgucgugggaacacggggugccUaacu..... 1
Gi3_28326963_x1.....gaCcgagacgucgugggaac..... 1
Gi2_11174552_x1.....ucgugggaacacggggugGcgaacu..... 1
Gi5_8879035_x1.....ucgugggaUcacggggugccgaacu..... 1
Gi3_28623698_x1..gcgauUggagacgucguggga..... 1
Gi2_11071412_x1...gaucggagacgucguCggaacac..... 1
Gi3_28663692_x1..gcgaucggCgacgucgugggaaca..... 1
Gi4_612266_x1.....cgucgugggaacacggggugUcga..... 1
Gi2_11092207_x1.....cgucgugAgaacacggggug..... 1
Gi1_4168633_x1.....cgugggaacacggggugcUgaac..... 1
Gi4_572678_x1.....aucggagacgucguggga..... 0
Gi1_4223234_x1.....cgucUugggaacacggggugcc..... 1
Gi3_28293053_x1.....gucgugggaacacggggugGcgaacuu..... 1
Gi3_28334452_x1.....agacgucCugggaacacggggugccgaac..... 1
Gi3_28954476_x1.....ucggagaUgucgugggaacacg..... 1
Gi2_11126750_x1..gcgaucggGgacgucgugggaacac..... 1
G1a_6040532_x1.....gacguAgugggaacacggggugccgaac..... 1
G1a_6332167_x1.....gugggCacacggggugccgaac..... 1
Gi3_28859736_x1.....gggaacacUgggugccgaa..... 1
Gi2_11092768_x1..cCaucggagacgucgugggaacacgggg..... 1
G1a_6118201_x1...gaucggagacgucgugggCacacg..... 1
Gi3_28469430_x1...gaucggagacgucgugggaacacCgggugc..... 1
Gi3_28928490_x1.....ucCugggaacacggggugcc..... 1
Gi5_9039556_x1.....gAagacgucgugggaaca..... 1
Gi2_11055016_x1.....agacgucgugggCacacggggugcc..... 1
Gi3_28754684_x1.....ucggagacgucgugggCacacggggugcc..... 1
Gi5_8992273_x1...gaCcgagacgucgugggaacacgggggu..... 1
Gi2_11346639_x1.....cgNagacgucgugggaacacggggug..... 1
Gi1_4203916_x1.....cCgagacgucgugggaacacgggg..... 1
Gi3_28365965_x1.....acgucgAgggaacacggggugccgaa..... 1
Gi1_4367652_x1.....acgucgugggaacacggggguAccg..... 1
Gi1_4373495_x1.....gaNcacggggugccgaacu..... 1
Gi5_9082662_x1.....gacgCcgugggaacacggggugccgaacu..... 1
Gi1_4380325_x1.....acgucgugggaUacggggugcc..... 1
Gi5_9004274_x1...gaucggCgacgucgugggaacacg..... 1
G1a_6084169_x1.....cggagacgucgugggGacacgg..... 1
Gi2_11002249_x1.....gacgucguNggaacacggggugccgaac..... 1
G1a_6027256_x1.....ugggaacacggggugcGgaacu..... 1
Gi2_11334202_x1.....gggaacaGggggugccgaacu..... 1
G1a_6137885_x1.ugUgaucggagacgucgugggaacac..... 1
G1a_6298166_x1.....gggaacacggggugccgaUcu..... 1
Gi2_11189789_x1.....ucggagacgucgugggaacacggggCgcc..... 1
Gi3_28459303_x1...gaucggagacUucgugggaacacgggggu..... 1
Gi2_11310100_x1.....cggagacgucgugggaacacCgggugcc..... 1

Gi2_11403042_x1.....ucgugggaacacggggugcGgaac..... 1
 Gi1_4342565_x1.....gucguAggaacacggggugc..... 1
 Gi2_11236958_x1....aucggagacgucgugggaacaA..... 1
 Gi3_28867739_x1..gcgaucggagacgCcgugggaacacggggugcc..... 1
 Gi2_11133397_x1.....gAagacgucgugggaacacgggggu..... 1
 Gi3_28322993_x1...cgauccgagacgucgugggaacacAg..... 1
 Gi5_8877830_x1.Cgcgaucggagacgucgugg..... 1
 Gi3_28822714_x1.....acacggggugcUgaacuu..... 1
 Gi3_28493002_x1.....uggUaacacggggugccg..... 1
 Gi3_28479783_x1.....gagacgucgugggaacacggggGgccgaa..... 1
 Gi2_11334019_x1.....acgucgugggaacaAggggugccgaac..... 1
 Gi3_28357916_x1...gaucggagacgucgAgggaacacgggggu..... 1
 Gi2_11132193_x1.....ggagacgucgugggaacacgggAugc..... 1
 Gi1_4376020_x1.....cgugggaacacggggugccgaG..... 1
 Gi5_9110107_x1....aucggagacgCcgugggaacacgg..... 1
 Gi3_28444400_x1...gaucggagacgucgugggaUacggg..... 1
 Gi2_11359199_x1...cgauccgagacgucgugggaaca..... 1
 Gl1_6177240_x1.....gugggaacacggUgugccgaac..... 1
 Gi3_28974497_x1.....gacgucgugggaacacggAgugccgaac..... 1
 Gi4_590728_x1.....uAgugggaacacggggugccgaacu..... 1
 Gi5_8927479_x1.....gucguAggaacacggggugc..... 1
 Gl1_6203043_x1.....cggagacgucgugggaAacggg..... 1
 Gi3_28406877_x1.....gucgugggaacCgggggu..... 1
 Gi5_8890091_x1.....Cagacgucgugggaacacggggugccgaacu..... 1
 Gi2_11222580_x1.....cgucgugggaacaUggggugccga..... 1
 Gi3_28626639_x1.....acgucgugggaacacggggugccgUac..... 1
 Gi1_4366622_x1.....acgucgugggaacacggggugccgGac..... 1
 Gi1_4366032_x1.....gugggaacacggggugccgaC..... 1
 Gi1_4364444_x1.....ugggaacacgUggugccgaacu..... 1
 Gl1_6089406_x1.....acgucgugggCacacgggggu..... 1
 Gi1_4269182_x1.....aUaccggggugccgaacuu..... 1
 Gi3_28908845_x1.....cguAgugggaacacggggugccgaac..... 1
 Gi3_28728732_x1....aucggagacgucAugggaacac..... 1
 Gi3_28442213_x1....ucggagacgucgugggaacacggggugccgaacA..... 1
 Gi1_4211525_x1.....gugggaacUcggggugccga..... 1
 Gi5_8950464_x1.....cguggAaacacggggugcc..... 1
 Gi3_28641579_x1.....cgucgugggaacacgUggugcc..... 1
 Gi3_28963555_x1.....agacgucgugggaCcacggg..... 1
 Gi5_8957692_x1.....acgucgugggaacacggggCgccgaacuu..... 1
 Gl1_6142777_x1....aucggagacgucgugggaacacggA..... 1
 Gi2_11102523_x1.....ugggaaGacggggugccgaac..... 1
 Gi2_11340626_x1.....acgucgugggUacacggggugccgaacu..... 1
 Gi3_28642937_x1.....ggUgacgucgugggaacacggg..... 1
 Gi1_4281669_x1...gaucggagacgucguggga..... 0
 Gi1_4256876_x1.ugcgaucggagacgucgugggaacCcg..... 1
 Gi2_11139457_x1.....cggagacgucgugggaacaUggggugc..... 1
 Gi5_8959579_x1.....gacgucgugggUacacggggugccgaacu..... 1

Gi3_28658975_x1..gUgaucggagacgucguggga.....	1
Gi5_9055896_x1.....cggagacgucguggAaacacg.....	1
Gi1_4287372_x1.....gucgCggaacacggggugcc.....	1
Gi2_11120544_x1.....Uucggagacgucgugggaacacggggugccg.....	1
Gi1_4200199_x1.....cgucgugggaacaUggggugcc.....	1
Gi1_4192652_x1.....uggaacacggggugccgUac.....	1
Gi1_4184149_x1.....ggagacgCcgugggaacacggggug.....	1
Gi2_11390123_x1.....gucgugggaacacAgggugccgaac.....	1
Gi2_11335073_x1.....uggaacaAggggugccgaac.....	1
Gi1_4280715_x1.....cgucgugggaacacggAgugcc.....	1
Gi5_9052130_x1...gaucggagCcgucgugggaacacggg.....	1
Gi5_9057409_x1.....cgucgugggaacacggggCgccgaa.....	1
Gi3_28635814_x1.....ggagacgucgugggaacCcg.....	1
G1a_6131388_x1.....cgugggaacacggggugcU.....	1
Gi2_11165847_x1...gaucggagacgucguAggaacacggggugc.....	1
Gi3_28659649_x1.....gugggaacacggggugccgaacuG.....	1
Gi2_11068934_x1..Ucgaucggagacgucgugggaacacggggug.....	1
Gi5_8979669_x1.....cAugggaacacggggugcc.....	1
Gi1_4201126_x1.....acgucgugggaacacggAgugccga.....	1
Gi5_9067359_x1.....ugUgaacacggggugccgaacu.....	1
Gi2_10994799_x1.....ucggagacNucgugggaacacggggugccg.....	1
Gi2_11279657_x1.....agacgucgugggaCcacggggug.....	1
Gi2_11389614_x1.....cgugggaCcacggggugccg.....	1
Gi1_4280455_x1.....gucgugggaacacggggugccgU.....	1
Gi1_4372978_x1.....uggaacacCgggugccgaacu.....	1
Gi3_28436907_x1.....cggagacgucguggUaacacggggugcc.....	1
Gi3_28600190_x1...cgauccgagGcgucgugggaacacggggug.....	1
G1a_6142119_x1.....Agugggaacacggggugcc.....	1
Gi2_11152317_x1....auNggagacgucguggga.....	1
Gi3_28548587_x1.....cgugggaacacggggugccgUa.....	1
Gi2_11079842_x1....aucgUagacgucgugggaac.....	1
Gi1_4296109_x1.....ggagacgucgCgggaacacggggugccg.....	1
Gi2_11059337_x1..ugcgaucggCgacgucgugggaacacg.....	1
Gi1_4382701_x1.....gacgucgugggaGcacggggugccg.....	1
Gi3_28821829_x1.....cggagacgucgugggaacCggggugccgaac.....	1
Gi2_11142490_x1.....cgugggaacCggggugccga.....	1
Gi3_28321552_x1.....gagacgucgCgggaacacggggugccg.....	1
Gi2_11299674_x1.....acgucguAggaacacggggugccga.....	1
Gi3_28685119_x1.....ucggagacgucguAggaacacggg.....	1
Gi5_9007837_x1.....gucgugggaacacggggugccga.....	0
Gi3_28443477_x1...gaucggagNcgucguggga.....	1
Gi3_28860731_x1.....ucggagacgCcgugggaacac.....	1
Gi1_4274982_x1.....gugggGacacggggugccgaacu.....	1
Gi3_28382763_x1.....gucgugggaacacgggguCccgaa.....	1
Gi3_28488947_x1.....acAucgugggaacacggggugccga.....	1
Gi3_28880296_x1.....ucggagacgucgugggGaca.....	1
Gi5_9072787_x1.....Ncgugggaacacggggugccgaacu.....	1

Gi3_28909974_x1.....ggaacacggggugccUaa..... 1
 Gi3_28976878_x1.....cgugggaaAacggggugccga..... 1
 Gi1_4386051_x1....aucggagacAucgugggaacacgg..... 1
 Gi1_4264811_x1.....aacacggggugccCaacu..... 1
 Gi1_4216898_x1.....ucgugggaacacggggugAc..... 1
 Gi3_28746040_x1.....acuuuccagcgcgccugcugcccacc..... 0
 Gl1a_6148788_x1.....cgugAgaacacggggugc..... 1
 Gi5_8904191_x1.....ugggaacGcggggugccgaacuu..... 1
 Gl1a_6102388_x1.....gugggUacacggggugccg..... 1
 Gi2_11102776_x1...cCaucggagacgucguggggaacacggg..... 1
 Gi5_9013992_x1.....acgNcgugggaacacggggugccgaac..... 1
 Gi5_9042661_x1.....ggaacacggggugcAgaac..... 1
 Gi2_11283954_x1.....Ugagacgucgugggaaca..... 1
 Gi3_28539664_x1cugcgaucggagacAucg..... 1
 Gi4_574762_x1.....ucUugggaacacggggugccgaacu..... 1
 Gi2_11040538_x1.....cgucgugggUacacggggugccg..... 1
 Gi3_28565920_x1.....ggagacgucgugggaacacggcG..... 1
 Gi2_11267517_x1.....agacUucguggggaacacggggug..... 1
 Gi1_4309018_x1.....cggagacgucgugggGacacggg..... 1
 Gi3_28831303_x1.....cgugggaacacggggAgccgaa..... 1
 Gi2_11047237_x1...cgauccgagacgucgugggaacUcggg..... 1
 Gi2_11069401_x1.Ggcgaucggagacgucgug..... 1
 Gi5_8956895_x1.....gacgucgugggaacacggggugccgaaUu..... 1
 Gi3_28662811_x1.....cgugggaacacggggUccgaac..... 1
 Gi2_11340629_x1.....cgucguggCaacacggggugccg..... 1
 Gi2_11161779_x1.....gaAacgucguggggaacacggggug..... 1
 Gi2_11153641_x1.....acgucgugggGacacggggugccga..... 1
 Gl1a_6203553_x1....aucggagacgucgCgggaacacggggug..... 1
 Gi3_28623253_x1.....gaUgucgugggaacacggggugc..... 1
 Gi2_11301867_x1....aucUgagacgucguggggaacacggggg..... 1
 Gi3_28519564_x1...Aaucggagacgucguggga..... 1
 Gi3_28385282_x1...gcgGucggagacgucgugggaac..... 1
 Gi1_4227219_x1.....gucgugggaacacggggugccU..... 1
 Gl1a_6196858_x1....aucggagacgucUugggaacacggggg..... 1
 Gi5_9054026_x1....ucggagacgucgugggaacaUg..... 1
 Gi2_11153738_x1.....gagacgucgugggUacacggggugcc..... 1
 Gi3_28498459_x1.ugcgaucggagacgucgugggaGcacggg..... 1
 Gl1a_6198109_x1....aucCgagacgucguggggaacacggg..... 1
 Gi1_4321844_x1.....gacgucgAgggaacacggggugccgaacu..... 1
 Gi2_11380370_x1....aucggUgacgucguggga..... 1
 Gi3_28403531_x1.....Ngugggaacacggggugc..... 1
 Gi1_4333661_x1.....ggagacgucguggggaacacAgggugccgaac..... 1
 Gi5_9131054_x1.....agacgucgNgggaacacggggugc..... 1
 Gi4_596900_x1...Uaucggagacgucgugggaacacggg..... 1
 Gl1a_6025662_x1...gaCcgagacgucguggga..... 1
 Gi2_11330644_x1....aucggagaGgucgugggaac..... 1
 Gi2_11034665_x1...Naucggagacgucguggggaacacg..... 1

Gi2_11365939_x1.....aucggagacgucgugggGcaccggg.....	1
Gi3_28649176_x1.....cgugggaacacggggugccCa.....	1
Gi2_11003597_x1.....aucggagacgucGgggaaca.....	1
Gi2_11243662_x1.....gugggaacacggggGgccgaacuu.....	1
Gi3_28865662_x1...cgaucggagacgucgugggUacacg.....	1
Gi1_4304967_x1.....acgucguggaacacggggg.....	0
Gi3_28408443_x1.....aucggaCacgucgugggaaacacg.....	1
Gi2_11108475_x1.....aucUgagacgucgugggaaacacggggugcc.....	1
Gi2_11017544_x1.....agacgucgNgggaacacggggugccgaac.....	1
Gi4_594707_x1.....gucguggaacacggggugccgaCcu.....	1
Gi5_8852939_x1.....gacgucgugggaaacacgggAugccgaac.....	1
Gi5_8994390_x1.....ugggaacacggggugAcgaac.....	1
Gi5_8974721_x1.ugcgaucgUagacgucguggg.....	1
Gi2_11083917_x1...cgaCcgagacgucgugg.....	1
Gi3_28686881_x1.....acgucgugggaaacacgggUugccgaacu.....	1
Gi3_28463846_x1.....cgugggaGacggggugcc.....	1
Gi2_11203537_x1.....aucggagacgucgugggaaGacggg.....	1
Gi3_28667129_x1...gauNggagacgucgugggaaacacggg.....	1
Gi1_4275317_x1.....Ggacgucgugggaaacacggggg.....	1
Gi3_28626190_x1.....gugggaaGacggggugccg.....	1
Gi1_4286345_x1.....gucgugggaaacacgggAugccgaacu.....	1
Gi5_8942499_x1.....cggagacgucguAggaacacggggugcc.....	1
Gi3_28894718_x1.....agUcgucgugggaaacacggggg.....	1
Gi2_11180874_x1.....gCagacgucgugggaaacac.....	1
Gi1_4385562_x1.....gaacGcggggugccgaacuu.....	1
Gi1_4225968_x1.....gucAugggaacacggggug.....	1
G1a_6255644_x1...Cucggagacgucgugggaaacacggggugcc.....	1
Gi2_11344245_x1.Cgcgaucggagacgucguggg.....	1
Gi3_28782433_x1...gaucggagacgucgugggaaUacgggg.....	1
Gi2_11076721_x1.....gacgucAugggaacacggggugcc.....	1
Gi3_28953307_x1.....cgucgugggaaacacgAgggugc.....	1
Gi1_4347481_x1.....agacgucgugggGacacggggugccg.....	1
Gi5_8973610_x1.....ucAugggaacacggggugcc.....	1
Gi3_28341461_x1.....cggagacgucgugggaaUacg.....	1
Gi3_28754206_x1.....cggagacgNcgugggaaacacggggugccgaac.....	1
Gi2_11159466_x1.....ucggagacgucgugggCacacggggugc.....	1
Gi3_28666864_x1.....gaNacgucgugggaaacacggggg.....	1
Gi2_11293279_x1.....ugggaaAacggggugccga.....	1
Gi3_28423166_x1.....agacAucgugggaaacacggggugccgaac.....	1
Gi1_4378636_x1...aucggCgacgucgugggaaacacg.....	1
Gi5_9113849_x1.....agacgucgugggaaacacgggAugccgaacu.....	1
Gi2_11227458_x1.....gggaacacgggggUaccgaa.....	1
Gi4_599228_x1.....ugggaacacggggugccgaCcu.....	1
G1a_6144736_x1.....cgugggaaAacggggugccgaacu.....	1
Gi3_28714803_x1.....ugggaUcacggggugccga.....	1
Gi5_8932462_x1.....cgugggGacacggggugcc.....	1
Gi3_28924662_x1.....ucggagacgucgugggaaacacggA.....	1

Gi2_11269828_x1.....cgucgugggUacacggggugccga..... 1
Gi2_11345659_x1.....gucgGgggaacacggggugc..... 1
Gi1_4260111_x1....aucggaUacgucgugggaacacgg..... 1
Gi3_28510280_x1....aucgUagacgucgugggaacacggggugccg..... 1
Gi3_28382718_x1....cgaucggagaAgucgugggaacacggg..... 1
Gi1_4164095_x1.....gagacAucgugggaacacggggugcc..... 1
Gi1_4176189_x1.....gagaUgucgugggaacacggggugccga..... 1
G1a_6295101_x1....aucggagacguAguggga..... 1
Gi2_11366538_x1.....ugggaacacAgggugccgaacuu..... 1
Gi5_9119926_x1.....acUucgugggaacacggggugc..... 1
Gi5_8882956_x1.....cgugggCacacggggugc..... 1
Gi3_28324735_x1.....gucguggUaacacggggugccgaac..... 1
Gi3_28641246_x1.....gugggaacaUggggugccgaacuu..... 1
Gi3_28706022_x1....aucggagacgucgugggaacaGgg..... 1
Gi3_28388021_x1.....agacgucgugggaacacggggGgccgaac..... 1
Gi1_4186351_x1....aucggGgacgucgugggaacacggg..... 1
Gi3_28565825_x1.....gacNucgugggaacacgggg..... 1
Gi5_8942401_x1.....gUcugcugggaacacggggugccgaac..... 1
Gi2_11011475_x1....aucggagacgAcgugggaacacggg..... 1
Gi3_28967852_x1.....acgucgugggaacacgUggugccgaac..... 1
Gi5_9041783_x1.....cgucgugggGacacggggugccga..... 1
Gi3_28273799_x1.....gagacgucgugggaacacggggG..... 1
Gi2_11310635_x1.....gacgucgugggGacacggggugccga..... 1
G1a_6318592_x1.....gugggaacacggggugcAg..... 1
Gi3_28347941_x1.....ggaacacggggUcccga..... 1
Gi3_28869066_x1....cgUucgagacgucgugggaacacgg..... 1
Gi3_28767341_x1.....ucggagacgucgugAgaacac..... 1
Gi3_28271891_x1....aucggagacgucgugggaacacggggUcc..... 1
Gi5_9135289_x1....auUggagacgucgugggaacac..... 1
Gi3_28383689_x1.....cgucgGgggaacacggggugc..... 1
Gi5_9045048_x1....aucggagacguAgugggaacacg..... 1
Gi5_9008784_x1.ugcgaucggagGcugcugugga..... 1
Gi4_580942_x1.....gugggaacacggggugccgCa..... 1
Gi1_4389092_x1.Cgcgaucggagacgucgugga..... 1
G1a_6198331_x1.....cgugggaaNacggggugccg..... 1
Gi1_4184200_x1.....cgucgugggUaacacggggugccgaac..... 1
Gi3_28877464_x1.....cggagacgucgugggaacacggggUacc..... 1
Gi5_9073143_x1....gaucggagacgucgugggaCcacgg..... 1
Gi3_28549792_x1.....acgucgugggaacCcggggugccg..... 1
Gi3_28338406_x1.....gucAugggaacacggggugccga..... 1
Gi5_8844848_x1.....ugggaacacggggAgccgaa..... 1
Gi1_4306361_x1.....gucgugggaacacCgggugccgaac..... 1
Gi1_4268619_x1.....ucgugggaacacggCgugccgaac..... 1
Gi1_4226444_x1.....gugNgaacacggggugccgaacuu..... 1
Gi5_9001287_x1.....acgucgugggCacacggggugccgaac..... 1
Gi2_11270146_x1....aucggagacgucguCggaacacg..... 1
Gi4_592146_x1....gUucggagacgucgugggaacacggg..... 1

Gi3_28898992_x1.....gacgucgugggUacacgg.....	1
Gi2_11268857_x1.....cgucUugggaaacacggggug.....	1
Gi1_4236751_x1.....gugggaacaGggggugccgaacu.....	1
Gi3_28529002_x1.....cgucgugggaCcacggggugccgaa.....	1
Gi1_4227243_x1.....gugggaacaGggggugccgaacu.....	1
G1a_6231576_x1....aucggagaNgucgugggaacacggggug.....	1
Gi3_28453639_x1....aucggagacgucgugggaacUc.....	1
Gi1_4389916_x1.....gugggaCcacggggugccgaa.....	1
Gi2_11166385_x1..Ucgauccgagacgucgug.....	1
Gi2_11119576_x1.....ucgugggaaAacggggugccg.....	1
Gi2_11192099_x1...gaucggagaAgucgugggaacac.....	1
Gi3_28376014_x1.....cgugggaacacUgggugccga.....	1
Gi5_9047299_x1.....cgGgggaacacggggugccgaacu.....	1
Gi3_28909690_x1.....ggagacgucgugggaacacggggugUcg.....	1
Gi4_597808_x1...gaucggagacgucgugggaacacggggugcc.....	0
Gi2_11121342_x1...gaucggagacgucAgggaacacg.....	1
Gi2_11070916_x1...gaucggagaGgucgugggaacacggg.....	1
Gi2_11205226_x1....aucggaAacgucgugggaac.....	1
Gi3_28553181_x1.....cgucguUggaacacggggugcc.....	1
Gi2_11395772_x1.....ugggaacacggggugccAaa.....	1
Gi3_28900221_x1.....cggagacgucgugggaGacgg.....	1
Gi1_4367624_x1.....cgucgugggaacacggUgugcc.....	1
G1a_6313976_x1....aucggagacgucgugggaacacggggugccga.....	0
Gi5_9019521_x1.....ugggaacacggggugcUgaa.....	1
Gi1_4215504_x1.....cgNagacgucgugggaacacggg.....	1
Gi4_606336_x1.....Uugggaacacggggugcc.....	1
G1a_6047126_x1.....gCcgugggaacacggggugccgaacu.....	1
Gi5_9075230_x1.....gugggaacacggggGgccc.....	1
Gi2_11368735_x1...gaucggagacgucgugggaacacgAgg.....	1
Gi2_11137708_x1.....gagacgucgugggUacacggg.....	1
Gi2_11060477_x1.....acgucguggAaacacggggugccgaacu.....	1
Gi2_11152599_x1.....acgucgugggaacacggggUaccg.....	1
Gi3_28384936_x1.....cggagacgucgugggaGcacggggugccga.....	1
G1a_6006199_x1...Uaucggagacgucgugggaacacggggugc.....	1
Gi5_8920954_x1..ugcgauccAgagacgucguggg.....	1
Gi2_11280509_x1.....agacgucguAggaacacggggugc.....	1
G1a_6041067_x1....aCcgagacgucguggga.....	1
Gi2_11139885_x1.....aacacgggNugccgaacuuu.....	1
G1a_6122923_x1.....cgucgugggaacacAgggugccgaacu.....	1
Gi3_28318459_x1...gaucggagacgucgugggUacac.....	1
Gi1_4336910_x1.....gagacgucgugggaacacggggugccgaCcu.....	1
Gi5_9001631_x1.....Aagacgucgugggaacacggggugccgaac.....	1
Gi3_28820838_x1.....agacgucgugggaacacggggugcG.....	1
Gi3_28604795_x1..gcgauccgagacgucgugggaacacggggC.....	1
Gi3_28742213_x1.....gggaacacggUgugccga.....	1
Gi2_11040731_x1...gaucggagacAucgugggaacacggggugc.....	1
Gi2_11068531_x1...gaucggagacgucgugggaacaU.....	1

Gi1_4238778_x1.....aucggagacgucgAgggaacacgggg..... 1
Gi2_11372242_x1.....gacgCcgugggaacacgg..... 1
Gi1_4364732_x1.....aucggagacgucgugggGacacggg..... 1
Gi3_28961305_x1.....acgucgugggaacacggggugUcgaa..... 1
Gi5_8931795_x1.....gagacgucgugggaacaUggggugccgaac..... 1
Gi2_11284298_x1.....ucggagacgucgugggUacacgggg..... 1
Gi5_8845597_x1.....cgGcgugggaacacggggugccgaa..... 1
Gi1_4276179_x1.....acgucguAggaacacggggugccga..... 1
Gi2_11263757_x1.....acgucgugggCacacggggugccg..... 1
Gi1_4163744_x1.....cCugggaacacggggugccga..... 1
Gi2_11139144_x1.....gaUacgucgugggaacacggggugcc..... 1
Gi5_9083808_x1.....agacgucAugggaacacggggugccgaac..... 1
Gi1_4264787_x1.....uggCaacacggggugccgaacu..... 1
Gi2_11242637_x1.....cgucgugggaacacggggAgccgaac..... 1
Gi5_9008876_x1.....gggaacacggggugccgaacuucU..... 1
Gi2_11017983_x1.....ucggagacgucguAggaacacgggg..... 1
Gi3_28537142_x1.....ucggagCcgucgugggaaca..... 1
Gi2_11333168_x1.....ucggagacgucgugggaAacggggugccgaac..... 1
G1a_6134212_x1...gaucgAagacgucguggga..... 1
Gi2_11296607_x1.....aucggagacgCcgugggaacacgggg..... 1
Gi3_28327555_x1.....cggagacgucgugggaacacgggAug..... 1
Gi2_11024395_x1...Acgaucggagacgucgugggaacac..... 1
G1a_6025976_x1...aucggagacgucgugggGacac..... 1
Gi5_9128489_x1.....ugggaacUcggggugccgaa..... 1
Gi2_11049208_x1.....ucggagacgucgugggaacacggCg..... 1
G1a_6128625_x1.Cgcgaucggagacgucgug..... 1
Gi2_11271881_x1.....ggaaAacggggugccgaa..... 1
Gi2_11062238_x1.....cggagacgucgugggaacCcg..... 1
G1a_6182882_x1.....gggaGcacggggugccgaa..... 1
Gi4_590178_x1.....acgucgugggaGcacggggugccgaacu..... 1
Gi3_28853130_x1.....gucgGgggaacacggggugccgaa..... 1
Gi5_9135157_x1.....cggagacgucgugggaacacggggugAc..... 1
Gi2_11069415_x1.....ugggaacacggggAgccgaacu..... 1
Gi2_11071325_x1.....gagacgucgugggaCcacggg..... 1
Gi3_28765925_x1.....aucggagacgucgugggaacacggggAc..... 1
Gi1_4375631_x1.....ggaacacggggugccgaUcu..... 1
Gi3_28519874_x1.....Aagacgucgugggaacacggggugccgaac..... 1
Gi2_10996528_x1.....aucggagacgucguggAaacacg..... 1
Gi2_11178041_x1.....agacgucgugggaacacgggAugc..... 1
Gi3_28592886_x1.....gacgucguAggaacacggggugccgaac..... 1
Gi5_9079600_x1.....acgucguggCaacacggggugccgaacu..... 1
Gi2_11370141_x1.....aucggagacgCcgugggaacac..... 1
Gi3_28728799_x1.....cggagacgucguggAaacacggggug..... 1
Gi3_28741759_x1.gcgauccggagacgucguggAa..... 1
Gi1_4356730_x1.....ucgugggaacacggggugccgGac..... 1
Gi2_11239555_x1.....gaacacggggugAcgaacu..... 1
Gi2_11177082_x1.....cggagacgucgugggaGacggggugcc..... 1

Gi2_10992737_x1...cAaucggagacgucgugg..... 1
Gi5_8961626_x1.....cgucgugggaacacggggCgc..... 1
Gi2_11314741_x1.....ucggagacgucgugggaacacggggugcU..... 1
Gi2_11243697_x1.....gacAucgugggaacacggggU..... 1
Gi3_28405978_x1.GgcgaucggagacgucgugggaacacggggU..... 1
G1a_6231581_x1...gaucggagacgCcgugggaacacggg..... 1
Gi3_28952967_x1.....agacguAgugggaacacgggg..... 1
Gi2_11354453_x1.....gacgucgugggaacacggggAgccgaac..... 1
Gi4_614186_x1.....aUacgucgugggaacacggggU..... 1
G1a_6103334_x1...gaucggagacgucguAgg..... 1
Gi3_28929746_x1.....gggaGcacggggugccgaacuu..... 1
Gi5_8851453_x1.....cgucgugggaacacgAggugcc..... 1
Gi2_11229693_x1.....ggagacgucgugggaacacggggugAcg..... 1
Gi5_9111783_x1.....gucgugggaacacgUggugccgaacu..... 1
G1a_6225375_x1.....aacacggggugccgaacA..... 1
Gi2_11069631_x1.....agacgucguggCaacacggggugccgaacu..... 1
Gi2_11386734_x1.....gagaUgucgugggaacacggggugcc..... 1
Gi3_28638349_x1.....gaUgucgugggaacacggg..... 1
Gi3_28676887_x1.....aAgucgugggaacacgggg..... 1
Gi5_8888997_x1.....aacacAgggugccgaacuuu..... 1
Gi3_28816403_x1.....acgucAugggaacacggggugccga..... 1
Gi2_11232959_x1..gcgaucggagacgucgugggCaca..... 1
G1a_6058159_x1.....gugNgaacacggggugcc..... 1
Gi3_28392768_x1....aucggaUacgucgugggaacacgggg..... 1
Gi1_4182277_x1.....Nggaacacggggugccgaacu..... 1
Gi3_28629045_x1.....ucgugggUacacggggugccg..... 1
Gi5_8908267_x1.....cguggAaacacggggugccga..... 1
G1a_6147677_x1.....gggaacacggggugccgaaUu..... 1
Gi3_28416704_x1.....ucgugggaacacggggugccgaaA..... 1
Gi2_11389529_x1.....gGgacgucgugggaacacgggg..... 1
Gi1_4329851_x1cugcgauccggagacgucg..... 0
Gi3_28735066_x1..gUgaucggagacgucgugggaacacggg..... 1
Gi2_11209591_x1.....ugggaacacggggUuccgaac..... 1
Gi4_576649_x1.....gggaacacggggugUcgaacu..... 1
Gi1_4366140_x1.....cggagacgucguAggaacacggggugc..... 1
Gi1_4301057_x1.....gAcgugggaacacggggugccgaacu..... 1
Gi1_4249935_x1.....gacgucgugggaacaUggggugcc..... 1
Gi2_11063790_x1...gaucggagacgucgugggaGcacggggug..... 1
Gi3_28785958_x1.....ucggagacgucgugggaacacA..... 1
Gi3_28333502_x1...Aaucggagacgucguggg..... 1
Gi2_11220000_x1...Uucggagacgucgugggaac..... 1
G1a_6238393_x1...cgauccggagacgucgCgg..... 1
Gi3_28505990_x1.....cgucgugggaacacggggAugccg..... 1
G1a_6050329_x1.....gugggaacacAgggugccg..... 1
Gi3_28391161_x1...gaucggagacgucgugggaacacgAggugc..... 1
G1a_6349815_x1.....gucgugggaGcacggggugccga..... 1
Gi2_11351886_x1.....gacgucgugggaacacggggugccgaUcu..... 1

Gi2_11183169_x1.....guAgugggaacacggggugccgaac.....	1
Gi5_9125070_x1....aucggagacgucguggCacacggggugc.....	1
Gi3_28976836_x1.....gugggaacacggggugccgaGcuu.....	1
Gi2_11192697_x1...cgauccgagacgucgugggaGcacggggugc.....	1
Gi5_8974473_x1.....uggaacaacggggugccg.....	0
Gi1_4236731_x1.....uggaacaacggggguAccga.....	1
Gi5_9058085_x1.....aGgucgugggaacacggggugcc.....	1
Gi1_4268525_x1..gcgaucggagGcgucgugggaaca.....	1
Gi1_4209898_x1.....cgugggaacacAgggugccgaac.....	1
Gi1_4368574_x1.....gagacgucgugggaAacggggugcc.....	1
Gi5_8854180_x1....aucggagacgucgugggaacacggggA.....	1
Gi1_4359000_x1....aucggagUcgucgugggaacacgggggu.....	1
Gi3_28922491_x1...gaucggagacGAcgugggaacacggg.....	1
Gi3_28564195_x1.....gacgucguggCacacggggugccgaacu.....	1
Gi1_4343836_x1.....cgugggaacacggggugccgaGcuu.....	1
Gi3_28401241_x1.....cgucgugggaacacAgggug.....	1
Gi2_11165318_x1.....cguggCaacacggggugc.....	1
Gi2_11227608_x1.....gagacgucgugggaacacCgggugccg.....	1
Gi3_28477941_x1.....gucguggCaacacggggugccgaac.....	1
Gi3_28341206_x1...cgauccgagacgucguAg.....	1
Gi5_9114579_x1.....cgugggCacacggggugcc.....	1
Gi2_11215171_x1....auGggagacgucgugggaacacggggugcc.....	1
Gi1_4356036_x1.....cggGgacgucgugggaaca.....	1
Gi2_11056571_x1....Cucggagacgucgugggaacac.....	1
G1a_6104492_x1.....cgugggaGcacggggugc.....	1
G1a_6090800_x1....aucggCgacgucgugggaacacggggugcc.....	1
G1a_6040503_x1...gaucggagacgucgugggaacGcggg.....	1
Gi3_28954349_x1.....ggagacgucGgggaacacggggugccga.....	1
Gi5_9015251_x1...cgauccgagacgucgugggaacGcggg.....	1
Gi3_28642411_x1...cgauccgagacgucgugggaacGcgggggu.....	1
Gi1_4262360_x1.....gugggaacacggggugccgC.....	1
Gi3_28784030_x1..gcgaucggGgacgucgugggaacacggg.....	1
Gi3_28306597_x1.....gugggaacacgCggugcc.....	1
Gi5_8992121_x1.....aacacggggugUcgaacu.....	1
Gi5_9024949_x1...cgauccgCgacgucgugggaacacggg.....	1
Gi5_8929604_x1....aCcgagacgucgugggaacacggggugc.....	1
Gi5_9130251_x1.....gGcgugggaacacggggugc.....	1
Gi1_4339908_x1.....uggaacaacggggugccgaaUuu.....	1
Gi2_11085652_x1.....cggagCcgucgugggaacacg.....	1
Gi5_9039648_x1.....agacgucNgggaacacggggugcc.....	1
Gi3_28810669_x1.....Cgagacgucgugggaacacggggugccgaacu.....	1
Gi3_28446081_x1.....cgucguggUacacggggugccg.....	1
Gi3_28357068_x1.....ucgugggaacacggggAgccg.....	1
Gi3_28589281_x1....cgCagacgucgugggaacacgg.....	1
Gi3_28721805_x1.....gagacgucgugggaacacggggGgcccgaacu.....	1
Gi1_4293370_x1....aucggagacgucgugggaUac.....	1
Gi2_11163239_x1.....ucgugggaacaGggggugccgaac.....	1

Gi5_8913350_x1	.....aucggagacgucgugggaCcacggggugc	1
G1a_6238480_x1	.....ggagacgucgugggaacCggggugccgaacu	1
G1a_5984762_x1	.....guggaacaacggggugccgaU	1
Gi2_11030583_x1	.....gaucggagacgucgugggaacaUggggugc	1
Gi3_28719656_x1	.....ucgugAgaacacggggugccg	1
Gi2_11360102_x1	.....aucggagacgucgAgggaacac	1
Gi2_11121948_x1	.....acgucguCggaacacggggugcc	1
G1a_6232655_x1	.....aucggagacgucgugggaacacAgggugcc	1
Gi3_28919112_x1	.....acguGgugggaacacggg	1
G1a_6013126_x1	.....gaAcggagacgucgugggaacacggg	1
Gi2_11305613_x1	.....ggagacgucguAggaacacg	1
Gi2_11095887_x1	.....gaucggagacAucgugggaacacg	1
Gi5_9005172_x1	.....guggaacaacggggugccCaa	1
G1a_6324161_x1	.....aucggagacgucguAggaacacg	1
Gi5_9090409_x1	.....gagacgucgugggaacacggggugccgaUu	1
Gi2_11251319_x1	.....gaucggagacgucgugggaacacgAggu	1
Gi4_602639_x1	.....Uuggaacaacggggugccga	1
Gi5_8891951_x1	.....ggagacgucgugggaGcacggggugcc	1
Gi4_613221_x1	.....gggaacaacggggugccgaUc	1
Gi1_4231459_x1	.....gacgucgugggaacacggggugccgaacAu	1
Gi5_9050265_x1	ugcgauccggagacgucgugggaacaUggg	1
Gi5_9093981_x1	.....cgugggaCcacggggugcc	1
Gi3_28742055_x1	.....gagacgucguggGacac	1
Gi5_8984390_x1	.....acacggggugccAaacuuu	1
Gi5_9095296_x1	.....guggaacaacggggugAcg	1
Gi1_4350702_x1	.....Caacacggggugccgaac	1
Gi3_28738886_x1	.....gaAcggagacgucgugg	1
Gi3_28466394_x1	.....aucggagacgucgugggaacaGggggugcc	1
Gi1_4390107_x1	.....guggaacaacggggugccgCacuu	1
G1a_6130414_x1	.....guggaacaacggggugccgaC	1
Gi3_28620283_x1	.....uGggagacgucgugggaacacggggugccgaacu	1
Gi1_4268677_x1	.....cggagacgucgugAgaacacggggugcc	1
Gi3_28870413_x1	.....cggagacgucgugggaacacggggugccgG	1
Gi1_4384993_x1	.....cggagacgucgugggaacacggggugcUgaacu	1
Gi2_11016746_x1	.....Caucggagacgucgugggaacacggggugc	1
Gi3_28294053_x1	.....cguggUaacacggggugcc	1
Gi5_9008576_x1	.....Nacacggggugccgaacu	1
Gi5_8834137_x1	.....gaucggagacgucguAggaacacggg	1
Gi3_28846990_x1	.....gacgucgugUgaacacggggugccgaacu	1
Gi4_607288_x1	.....gacgucgugggaacacggggugccgaac	0
Gi3_28299403_x1	.....gacgucguggAaacacggggugccgaac	1
Gi5_9072733_x1	.....ugAgaacacggggugccgaa	1
Gi4_612220_x1	.....gucgugggaacacggggugcc	0
Gi2_11234005_x1	.....aucggagacgucgugAga	1
Gi3_28949719_x1	.....ucgugggaacacgggCugc	1
Gi1_4165796_x1	.....aucggagacgucgugggaacacggAgugcc	1
Gi1_4276589_x1	.....gggaacaacggggugccga	0

Gi3_28938919_x1.....aucggagacgGcgugggaacacggg.....	1
Gi1_4259982_x1.....agacgucgugggUacacggggugccga.....	1
G1a_6080951_x1.....acgucgCggaacacggggugccgaacu.....	1
Gi1_4273302_x1...cgauccgagacgucguggga.....	0
Gi3_28773855_x1.....gucgugggCacacggggugccgaacuu.....	1
Gi1_4382265_x1.....gucgugggaacacggggGgccgaac.....	1
Gi1_4287044_x1.....cgAcgugggaacacggggugccg.....	1
Gi5_9080998_x1.....acgucgugggaacacggggGgccga.....	1
Gi2_11069640_x1.....cgAagacgucgugggaacacggggg.....	1
Gi5_8935193_x1.....ucgugggaacacgAggugccgaac.....	1
Gi3_28648270_x1.....gggaacacgCggugccgaacu.....	1
Gi5_8866143_x1.....gugggaacUcggggugcc.....	1
Gi2_11334589_x1.....Gcggagacgucgugggaacacggggugccgaac.....	1
G1a_6289547_x1....aucggagaUgucgugggaacacggggug.....	1
Gi2_11119321_x1....aucggagacgucgugggaacaGggggg.....	1
Gi2_11157416_x1.....gagacgucguggUaacacggggugccg.....	1
Gi3_28368346_x1...cgauccgagaAgucguggg.....	1
G1a_6080009_x1.....gacgucguNggaacacggggg.....	1
Gi3_28855456_x1...cgauccgagGcgucgugggaacacggg.....	1
Gi3_28580025_x1.....gggaacacggggugccAa.....	1
Gi1_4206682_x1.....gacgucgugggaacacgggU.....	1
Gi1_4369423_x1....aucggagacgucgugggCacacggggugc.....	1
Gi2_11177803_x1.....agacgucgugggaacacggggugccAaac.....	1
Gi5_8935202_x1.....ugggaacacgUggugccgaacu.....	1
G1a_6240287_x1....Cucggagacgucgugggaacacg.....	1
Gi5_8845673_x1....ucggagacgucgugggaacacggggg.....	0
Gi5_9133208_x1.....ugggaacGcggggugccgaacuu.....	1
Gi5_8864114_x1.ugcgauccgagaUgucgug.....	1
Gi2_11044939_x1.....cgucgugggCacacggggugccg.....	1
Gi1_4222764_x1.....agacgucgugggaacacggggCgccg.....	1
Gi3_28756893_x1.....agacgucgugggaacacggggugccgaCc.....	1
Gi1_4262809_x1.....ggagacguNgugggaacacggggg.....	1
Gi3_28654086_x1.....cgCcgugggaacacggggug.....	1
Gi1_4327579_x1.....cgugggaacGcggggugccgaacuu.....	1
Gi3_28601959_x1...cgauccgagacgucgugggaGcacggggg.....	1
Gi3_28863548_x1.....ggagaAgucgugggaacacggggugcc.....	1
Gi5_9056628_x1....ucgAagacgucgugggaacacggggugccg.....	1
Gi4_575798_x1....Uaucggagacgucguggg.....	1
Gi2_11138736_x1.....ggagacguNgugggaacacggggg.....	1
Gi4_608163_x1.....gugggaacacggggGgccgaac.....	1
Gi3_28269689_x1.....ggagacgucgugggaacacggggGgccgaac.....	1
Gi5_8869600_x1.....cggagacgucgugggaacCcgg.....	1
G1a_6210977_x1....aucggCgacgucgugggaa.....	1
Gi2_11262688_x1.....cgugggaacacggUgugccgaac.....	1
Gi3_28635531_x1.....cgucgugggaacacggggugccgGa.....	1
Gi2_11101942_x1.....ggaAacgucgugggaacacggggg.....	1
Gi3_28672611_x1.....Aaacacggggugccgaacuu.....	1

Gi3_28601753_x1.....gugggaacacgUggugccg..... 1
Gi2_11296947_x1.....gagacgucgugggaacacggggugccAa..... 1
Gi1_4387212_x1..gcgauUggagacgucgugggaacacggggugcc..... 1
Gi3_28820847_x1.....cggagacgucgugggaacacggUgugcc..... 1
Gi5_9019742_x1.....ggaacacggggugccgaU..... 1
Gi3_28950467_x1.....Ggucgugggaacacggggg..... 1
Gi2_11152456_x1.....cggaUacgucgugggaacacggggug..... 1
Gi1_4314359_x1.....cAucgugggaacacggggugccg..... 1
Gi3_28693857_x1...gaucggagacgucgugggaaAac..... 1
Gi5_9027922_x1.....gacgucgugAgaacacggggugccgaac..... 1
Gi2_11282918_x1.....ucggagacgucgugggaCcacggggugcc..... 1
Gi2_11389470_x1.....cggaAacgucgugggaacacggggugc..... 1
Gi5_9088964_x1.....Gcggagacgucgugggaacacggggugccg..... 1
Gi1_4245622_x1.....gUgaacacggggugccga..... 1
G1a_6300835_x1...aucggagacgucgGgggaa..... 1
Gi1_4290912_x1...aucggagacgucgugUgaacacggg..... 1
G1a_6137449_x1.....agaGgucgugggaacacggggugccgaac..... 1
Gi5_9079097_x1.....cgGcugugggaacacggggugccgaac..... 1
Gi4_583246_x1...uGggagacgucgugggaacacggggugccg..... 1
Gi1_4238386_x1.....ucgugggaacacggggugccgaCc..... 1
Gi3_28620771_x1...auNggagacgucgugggaacacg..... 1
Gi3_28901822_x1.....agacgucgugggaacacggggugcUgaacu..... 1
Gi2_11382773_x1.....ucggagacgucgugggaacacggggugccgC..... 1
Gi3_28542314_x1...gaucggagacgucgugggaacaUg..... 1
Gi1_4287734_x1.....aacacggggGgccgaacuu..... 1
Gi4_578090_x1...ucgugggaacacggggugccgCacu..... 1
Gi1_4227620_x1.....ucguUggaacacggggugc..... 1
Gi2_10996380_x1.....cgucgGgggaacacggggugccga..... 1
Gi3_28511947_x1.....acgucgugggaaAacggggugccgaac..... 1
Gi5_9010226_x1.....cAucgugggaacacggggugccgaac..... 1
Gi2_11019653_x1.....Cagacgucgugggaacacggggugccgaacu..... 1
Gi3_28428655_x1.....gacgucgugCgaacacggggg..... 1
Gi5_8908615_x1.....gggaacacggggugccgUa..... 1
Gi1_4173612_x1...aucggagacgucgugggaGcacgg..... 1
Gi5_9062031_x1.....gacgucgugggaacacggggugUcgaac..... 1
G1a_6092695_x1...gaucggagCcgucguggga..... 1
Gi2_11354638_x1...cgaucggagGcgucgugggaacacgggg..... 1
Gi3_28511794_x1...gaucgCagacgucguggg..... 1
Gi3_28265456_x1...aucggagaNgucgugggaacacggggug..... 1
Gi2_11322706_x1.....cgucgugggaacaUgggg..... 1
Gi3_28940806_x1cAgcgaucggagacgucg..... 1
Gi1_4185083_x1.....cgugggaacacCgggugccgaacu..... 1
G1a_6125545_x1...gauNggagacgucgugggaacacggg..... 1
Gi3_28971012_x1.....gaacacggggUcccgaac..... 1
Gi3_28686319_x1...cggagUcgucgugggaacacggggg..... 1
Gi2_11019730_x1...aucggUgacgucgugggaac..... 1
Gi1_4361278_x1.....ucgugggaacCggggugccgaac..... 1

Gi5_9057716_x1.....ucggagacgucgGgggaacacggggugccc..... 1
 Gi2_11018488_x1.....cgucguggAaacacggggugcc..... 1
 Gi3_28847302_x1.....cggagacgucgugggaacacAgggugccga..... 1
 Gi3_28439760_x1.....gUcugcugugggaacacggggg..... 1
 Gi3_28439722_x1.....gaucggagacguUgugggaacacggggugcc..... 1
 Gi2_11132054_x1.....cgaucggagaUgucgugg..... 1
 Gi2_11272031_x1.....gaucggagacgucgCgggaacacggggugcc..... 1
 Gi3_28492605_x1.....ggagacgucgugggaacacAgggugcc..... 1
 Gi2_11168234_x1.....Aucgugggaacacggggugccga..... 1
 Gi2_11352659_x1.....agacgucgugUgaacacggggugcc..... 1
 Gi3_28638042_x1.....gucgugggaacacAgggg..... 1
 Gi3_28477132_x1.....gaucggagacgucgugggaacacgggggUac..... 1
 Gi3_28637153_x1.....gaucggaAacgucgugggaaca..... 1
 Gi2_11127342_x1.....cguAggaacacggggugccg..... 1
 Gl1_5985588_x1.....cgaucggagacgucgugggaacaAg..... 1
 Gi2_11008922_x1.....acgucgugggaacacggggugccgaaacuuu..... 0
 Gi3_28822896_x1.....gaucggagacgucgAgggaacacg..... 1
 Gi3_28389722_x1.....cgaucggagacgAcgugggaacacggggg..... 1
 Gi2_11195074_x1.....ggagacgucgugCgaacacggggugcc..... 1
 Gi3_28377940_x1.....ggagacgucgugUaacacggggugcc..... 1
 Gl1_6249945_x1.....Cacgucgugggaacacggggg..... 1
 Gi2_11406627_x1.....acgucgugggaacacgAggugccgaac..... 1
 Gi5_8942983_x1.....acuuCcccagcgcgccugcuccacc..... 1
 Gi2_11103829_x1.....cggagacgucguUggaacacggggg..... 1
 Gi2_11222651_x1.....cgugggaUcacggggugccgaa..... 1
 Gi2_11362446_x1.....cgaucggagacgucUugggaacacggggg..... 1
 Gi3_28837199_x1.....cCucgugggaacacggggugccg..... 1
 Gi3_28813027_x1.....ucgugggaacacgggCugccgaacu..... 1
 Gi3_28623340_x1.....gaucggGgacgucgugggaacacggggugc..... 1
 Gi5_9089859_x1.....cggGgacgucgugggaacacgg..... 1
 Gi5_9081526_x1.....aucNgagacgucgugggaacacg..... 1
 Gl1_4262660_x1.....agacgucgugggaacacggggCgccgaac..... 1
 Gi2_11331618_x1.....ucgugggaacacggggGgc..... 1
 Gi2_11183463_x1.....cgucgugggaaAacggggugc..... 1
 Gi2_11253690_x1.....gaUgucgugggaacacggggugccg..... 1
 Gi2_11375397_x1.....Aagacgucgugggaacacggggugc..... 1
 Gl1_4318304_x1.....aucAgagacgucgugggaacacggg..... 1
 Gi3_28355585_x1.....cgugggaacacggggUugccga..... 1
 Gl1_6044964_x1.....Uacacggggugccgaacu..... 1
 Gi3_28768028_x1.....gagacgucguUggaacacggggugccgaacu..... 1
 Gi5_8942016_x1.....agaAgucgugggaacacggggugccgaacu..... 1
 Gi5_8935989_x1.....ucggagGcugcugugggaacacg..... 1
 Gi3_28638523_x1.....acgucgugggaacGcggggugccgaa..... 1
 Gi3_28607782_x1.....gaucggagacgucgAgggaacacggggugcc..... 1
 Gi2_11057906_x1.....ucgugggaacacgUggugccgaac..... 1
 Gl1_6281801_x1.....gaUgucgugggaacacggggg..... 1
 Gi2_11269222_x1.....gggaacacCgggugccgaac..... 1

Gi2_11112113_x1..gcgaucggagacgucgugggGcaccggg..... 1
Gi3_28308046_x1.....cggagacgucguAggaacacggg..... 1
Gi1_4358053_x1.....Aggaacacggggugccgaacu..... 1
Gi2_11033926_x1.....cggagGcgucgugggaaacac..... 1
Gi3_28592323_x1..gcgaucggagacgucGgggaac..... 1
Gi2_10995213_x1.....aucggUgacgucgugggaaacacggg..... 1
Gi3_28286901_x1.....gggaacacggggugcGgaa..... 1
Gi2_11221858_x1.....Gggagacgucgugggaaacacggggugccgaac..... 1
Gi1_4295637_x1....aucggagacgucgugggCacacggg..... 1
Gi1_4248599_x1.....cAugggaacacggggugccg..... 1
Gi5_9100702_x1.....ugggaacacggggCccgaac..... 1
Gi2_11020513_x1...gaucggagacgucgugggaaacCcgggugcc..... 1
Gi1_4336150_x1.....gugggaaacaUggggugccgaa..... 1
Gi4_580719_x1.....gugAgaacacggggugccgaa..... 1
Gi5_8885446_x1....aucggagacgucgugAgaacacgg..... 1
G1a_6195750_x1.....gucgugggaaacaUggggugccgaacu..... 1
G1a_6042831_x1...cgGucggagacgucgugg..... 1
Gi2_11321644_x1.....cgucgugggaaacUcggggugccga..... 1
G1a_6317778_x1.....Aagacgucgugggaaacacggggugcc..... 1
Gi5_8884275_x1.....gaacacgUggugccgaac..... 1
G1a_6295918_x1....uAggagacgucgugggaaacacggg..... 1
Gi2_11313891_x1.....ggNacacggggugccgaac..... 1
Gi5_8927889_x1.....gggaacacggggugccgaaGu..... 1
Gi3_28830573_x1...gaucggaAacgucgugggaaacacgg..... 1
Gi3_28604440_x1.....gucgugggaaUacggggug..... 1
G1a_6302445_x1.....ggagacgucgugggaaacacggggAgc..... 1
Gi3_28284084_x1.....gUcgucgugggaaacacgggg..... 1
Gi2_11071134_x1.....ucggagacgucgugggaaacaAggggu..... 1
Gi2_11260703_x1.....gacgucgugggaaacGcggggu..... 1
Gi3_28979102_x1.....agacgucgugggCacacggggugccgaacu..... 1
Gi3_28517196_x1....aucNgagacgucgugggaaacacgg..... 1
Gi5_8891709_x1..ugcgaucggagaGgucgug..... 1
Gi3_28818665_x1...gaucggUgacgucgugggaaacacg..... 1
Gi5_8987804_x1....ucggagacgCcgugggaaacacggggugccg..... 1
G1a_6090110_x1.....gugggaacaUggggugcc..... 1
Gi5_8978876_x1..uCcgaucggagacgucguggg..... 1
Gi2_11256879_x1.....gugCgaacacggggugccgaac..... 1
Gi5_9033726_x1.....agacgucgugggaaacacggAgugccgaacu..... 1
Gi1_4238517_x1.....ggagacgucgugggaaacacAgggugcc..... 1
Gi2_11047544_x1.....gucguAggaacacggggugccga..... 1
Gi3_28706225_x1..gcgaucggagacgucAgggaacacggggug..... 1
Gi2_11363026_x1..ugcgGucggagacgucgugggaaacacg..... 1
Gi1_4163381_x1....auUggagacgucgugggaaacacgggggu..... 1
Gi3_28893300_x1.....ucgugggaaacacCggggugccgaac..... 1
Gi3_28933719_x1.....cggauacgucgugggaaacacgg..... 1
Gi3_28973030_x1....auGggagacgucgugggaaacacggggugcc..... 1
G1a_6256012_x1...cgaucggagacgucgugggaaacCcg..... 1

Gi3_28881309_x1.....agacguUgugggaacacggggugccgaac..... 1
Gi3_28855707_x1....gaGcggagacgucgugggaacacgggg..... 1
Gi1_4328206_x1.....acgAcgugggaacacggggugcc..... 1
Gi4_578893_x1.....ucgugggaacacgggAugccgaacu..... 1
Gi4_584811_x1.....acgucgugggaacacggggugccAaacu..... 1
Gi1_4283802_x1.....Cgacgucgugggaacacggggugccgaacu..... 1
Gi1_4279410_x1.....ggaUcacggggugccgaac..... 1
Gi2_11301282_x1.....agacgucgugggaacacggUgugccg..... 1
Gi5_8876238_x1....aucggagacgucgugggaacaUgg..... 1
Gi2_11273479_x1....Uucggagacgucguggga..... 1
Gi3_28766818_x1....aucggagacgucgugggU..... 1
Gi1_4250194_x1....aucggGgacgucgugggaacacgg..... 1
Gi2_11249705_x1.....gagGcucgugggaacacggggug..... 1
Gi2_11306475_x1....ucggagacAucgugggaacacg..... 1
Gi1_4328121_x1.....ucgugggaacacgAggugc..... 1
Gi1_4331717_x1.....gggaacacAgggugccgaacuu..... 1
Gi3_28538581_x1....gaucggagacgucgAgggaacacggg..... 1
Gi2_11004909_x1....cggagacgucgugggaacacggCgugcc..... 1
G1a_6044177_x1....aucggagacgucguAgga..... 1
Gi5_9037461_x1....cggagacgNcgugggaacacggggugcc..... 1
Gi3_28678842_x1.....gucgugggaacacggggguAc..... 1
Gi2_11015945_x1....ugcgaucggagacgucgugggaGcac..... 1
Gi3_28303382_x1....cggagacgucgugggaCcac..... 1
Gi3_28873125_x1.....ugggaacacggggugcGgaa..... 1
Gi2_11203993_x1....cgauccgagacgucgugggGacacgggg..... 1
Gi1_4239662_x1.....acgucgugggaacacggggugccgUacu..... 1
Gi5_9062997_x1....cggagacgucgugggaGcacggggugccga..... 1
Gi3_28339001_x1....gaucggagacgGcuggggaacac..... 1
Gi2_11037527_x1....gaAcggagacgucgugggaac..... 1
Gi5_9075403_x1.....gagacgucgugggaacacggAgugcc..... 1
Gi1_4239538_x1.....gggaacacggggugccCaacu..... 1
Gi3_28830852_x1.....agacgucguggAaacacggggugccgaacu..... 1
Gi4_567386_x1.....gucgugggaacacggggugccgaac..... 0
Gi3_28913816_x1....gaucggagacgucgugggaacCcggggugccg..... 1
Gi1_4369014_x1.....gUagacgucgugggaacacggggugccgaac..... 1
Gi3_28870232_x1.....gucgugUgaacacggggugcc..... 1
Gi1_426687_x1.....cgucgugUgaacacggggugcc..... 1
Gi3_28867548_x1.....gggGacacggggugccgaacuu..... 1
G1a_6086071_x1.....ggUgacgucgugggaacac..... 1
Gi1_4216940_x1.....ucguAggaacacggggugccgaac..... 1
Gi5_8976376_x1....cgugggaacacggggugccgaGcuu..... 1
Gi3_28633418_x1....aucggagacgucgugggaacacgggC..... 1
Gi3_28278091_x1.....ggagacgucgugggaGcacggggugccgaacu..... 1
Gi2_11398834_x1.....gacgAcgugggaacacggggugcc..... 1
Gi2_11354918_x1.....gucUugggaacacggggugc..... 1
Gi2_11225464_x1....gauUggagacgucgugggaacacggggug..... 1
Gi2_11295099_x1....cgauccgagGcucgugg..... 1

Gi3_28729773_x1.....cgagagacgucAugggaacac.....	1
Gi3_28546490_x1.....gGcgucgugggaacacgggg.....	1
Gi5_8851026_x1....aAcggagacgucgugggaacac.....	1
Gl1a_6272183_x1.ugcgauCGNagacgucgu.....	1
Gi2_11075933_x1....gaucggCgacgucgugggaacac.....	1
Gi4_581165_x1.....aacacggggugccgGacu.....	1
Gi2_11324218_x1.....cgucgGgggaacacggggugccgaacu.....	1
Gi1_4329337_x1.....acgucgugggaacacgAggugccgaa.....	1
Gi4_608104_x1.....Uacacggggugccgaacu.....	1
Gi5_9095659_x1.....gagacgucAugggaacacg.....	1
Gi3_28307368_x1.....agacAucgugggaacacggggugccga.....	1
Gi3_28762275_x1.ugUgaucggagacgucgugggaacacggggu.....	1
Gi5_9063292_x1cugcgauCGgagacgucG.....	1
Gi5_8951220_x1.....guggUaacacggggugccgaacuu.....	1
Gl1a_6334573_x1.....gugggaacacggggugccgaacN.....	1
Gl1a_6260717_x1.....cgugggaaAacggggugcc.....	1
Gi1_4287197_x1.....Uggagacgucgugggaacacggg.....	1
Gi5_8939637_x1.ugcgauCGgagacguUgug.....	1
Gi4_598230_x1.....gugggaacacAgggugccgaacu.....	1
Gi2_11388356_x1....aucggagaGgucgugggaacac.....	1
Gi2_11106863_x1....cgauCGGgacgucgugg.....	1
Gi3_28297429_x1....aucggagacAucgugggaacacggggugc.....	1
Gi2_11110685_x1....gaucggagacgucguggAaac.....	1
Gi1_4352285_x1.....ggaacacggggAgccgaa.....	1
Gi2_11170729_x1....ucggagacgucAugggaacacg.....	1
Gi1_4255677_x1.....gGcgugggaacacggggugccga.....	1
Gi3_28920158_x1.....aAacgucgugggaacacggggugcc.....	1
Gi5_8841476_x1.....ugggaaGacggggugccgaacu.....	1
Gi3_28768348_x1....aucggCgacgucguggga.....	1
Gi3_28752444_x1....ucggagacAucgugggaacacg.....	1
Gi3_28799488_x1.....aacacAgggugccgaacuu.....	1
Gi1_4371872_x1....aucggagacgucguAggaacacgggg.....	1
Gi2_11355642_x1cugcgauCGgagacgucAugggaacac.....	1
Gi1_4304126_x1....aucggagGcgucgugggaacacggggugcc.....	1
Gi5_9033191_x1....ucggagacgucgugggaacacggggugccga.....	0
Gi5_8883554_x1.....gugUgaacacggggugccga.....	1
Gi3_28971847_x1.....cAgagacgucgugggaacacgggg.....	1
Gi3_28983999_x1.....ggNgacgucgugggaacacggggugccgaac.....	1
Gi2_11017793_x1.....ggagacgucgugggaaAacggggug.....	1
Gi3_28498611_x1..gcgauCGNgacgucgugggaacacggg.....	1
Gi3_28971499_x1.....gAcgugggaacacggggugccgaa.....	1
Gi3_28695813_x1....gaucggagNcgucgugggaacacggggugccgaacu.....	1
Gi3_28424149_x1.....gucgugggaaAacggggugccgaa.....	1
Gi2_11069077_x1.....ugggaacacgAggugccgaacuu.....	1
Gi2_11106027_x1.....agacgucgugggaacacg.....	0
Gi1_4218446_x1.....ucgugggaacacggCgugcc.....	1
Gl1a_5985157_x1....Naucggagacgucgugggaacacggg.....	1

Gi2_11228099_x1.....cgNgggaacacggggugc.....	1
Gl1a_6157895_x1....Uucggagacgucguggaacaacggg.....	1
Gi2_11052586_x1....gaucggagNcgucguggaacaac.....	1
Gi1_4163567_x1.....cguAgugggaacacggggugcc.....	1
Gi1_4177938_x1.....acguAgugggaacacggggugcc.....	1
Gi2_11366313_x1.....acgucgugggaacacggggUccgaacu.....	1
Gi2_11272933_x1.....ucgugggaacacggUgugccgaa.....	1
Gi4_574356_x1.....acgucGgggaacacggggugccgaacu.....	1
Gi2_11310409_x1....gaucggagacgucgugggaaUacggggg.....	1
Gi2_11182787_x1....cgauAgagacgucguggaacaacggggugc.....	1
Gi2_11101813_x1.....cggagacgucguggaacaCgggggug.....	1
Gi1_4300858_x1.....gugggGacacggggugccgaac.....	1
Gi3_28944682_x1.....gucgugggaacacggggAgccga.....	1
Gi3_28510906_x1..gcgaCcgagacgucguggaacaacggggugcc.....	1
Gi5_8925555_x1....aucggagacgucguggaacaGc.....	1
Gl1a_6031618_x1.....ggaacacggggugUcgaacu.....	1
Gi5_8842241_x1.....gugggaacaUggggugccgaacuu.....	1
Gi3_28301838_x1.....cggagacgucguAggaacaacgg.....	1
Gi2_11371713_x1.....agacgucguggaacaacggg.....	0
Gi1_4246617_x1.....cgugggaacacggggugAcga.....	1
Gi5_8970883_x1.....gugggaacaGggggugccga.....	1
Gi2_11024670_x1.....cgucgugggaacacggggugccgaGc.....	1
Gi3_28490816_x1.....ucgugggaacacggggugccgaU.....	1
Gi4_579186_x1.....gggaacacggggugccgaaGu.....	1
Gi4_583534_x1.....gugggaacacggggugcUgaa.....	1
Gi3_28577626_x1.....cggagacgucguggaacaacggAgugccga.....	1
Gi2_11094654_x1....aucggagacgucguggAaacacgg.....	1
Gi2_11379353_x1.....Ugucgugggaacacggggugccgaac.....	1
Gi3_28438928_x1.....cgucgugggaCcacgggg.....	1
Gi3_28450240_x1.....uUgugggaacacggggug.....	1
Gi1_4334866_x1.....gugggaacGcggggugccg.....	1
Gi5_9017207_x1.....ucgugggaacacggggugcAgaac.....	1
Gi2_11280847_x1.....uNggagacgucguggaacaacg.....	1
Gi1_4210373_x1.....gaaAacggggugccgaacu.....	1
Gi2_11222914_x1.....ucgugggaUcacggggugcc.....	1
Gi2_11344786_x1..ugcgauccggagacgucguggaacaacggggugccg.....	0
Gi3_28959083_x1....cgauccggagacgucgugAgaacaacgggg.....	1
Gi2_11346551_x1.....gacgucgugggCacacggg.....	1
Gi3_28647270_x1.....cgucgugAgaacaacacggggugccga.....	1
Gi2_11307867_x1....aucggagacgucgugggCacacgggg.....	1
Gi3_28950247_x1.....cgugggaacacggggGgccg.....	1
Gi2_11224039_x1....aucggagacgucguggaacaacggggugUcg.....	1
Gi2_11350871_x1.....agacgucguggAaacacggggugc.....	1
Gi2_11252934_x1.....ucgugggaacacggggCgcc.....	1
Gi3_28302920_x1.....Ngucgugggaacacggggugccgaacu.....	1
Gi1_4219266_x1.....guUgugggaacacggggug.....	1
Gi2_11244211_x1..Ggcgaucggagacgucguggga.....	1

Gi1a_6120753_x1...gaucggagUcgucgugggaa..... 1
Gi2_11025637_x1.....cgucgugggaaacacCgggugc..... 1
Gi2_11047951_x1...gaucggagCcgucgugggaaacacgg..... 1
Gi3_28544475_x1...gaucggagacgucgugggaaacacAgggug..... 1
Gi2_11209156_x1.....ucggagacgucguCggaacacggggugcc..... 1
Gi2_11149852_x1...cgauccggagGcgucgugggaaaca..... 1
Gi1_4370461_x1.....gugggaaacacggggCgccga..... 1
Gi3_28475834_x1.....agacgucgugggCacacgggg..... 1
Gi2_11049473_x1.ugcgauGggagacgucgugggaaacacgggggu..... 1
Gi1_4202512_x1.....Ggacgucgugggaaacacggggugccgaac..... 1
Gi1a_6161651_x1.uCcgauccggagacgucgug..... 1
Gi2_11366947_x1.....ugggaaacacggggugccUaa..... 1
Gi3_28974230_x1.....cggagacgucAuggaaacacgggggu..... 1
Gi1a_6333416_x1...gaucggagGcgucgugggaaacacggggugc..... 1
Gi4_581586_x1.....ugggaaacacggggCugccgaacu..... 1
Gi1a_6003496_x1...gaucggagacgucgugggAa..... 1
Gi1a_6251801_x1.....cgugggaaacacggggguAc..... 1
Gi2_11067447_x1.....Ucgucgugggaaacacggggugccgaac..... 1
Gi3_28352860_x1.gcgauccggagacgucgCgggaaacacggggug..... 1
Gi1a_6315379_x1.....Aucgugggaaacacggggugccgaa..... 1
Gi5_8959416_x1.....cgugggaaacacggggCgcc..... 1
Gi1_4259251_x1.....gagacgucgugggCaacacggggugccgaacu..... 1
Gi5_9137612_x1.....gggaaacacAgggugccgaa..... 1
Gi3_28582409_x1.gcgaGcggagacgucgugggaaaca..... 1
Gi5_9137664_x1.....acguUgugggaaacacggggugccg..... 1
Gi5_8951561_x1.....ucgUagacgucgugggaaacacg..... 1
Gi2_11343879_x1.....cgucgugggaaacacggggGgccgaa..... 1
Gi2_10997572_x1.....gacguAgugggaaacacggggugccgaacu..... 1
Gi1a_6266661_x1...gaucggGgacgucgugggaaacac..... 1
Gi2_11049209_x1.....ucggagacgucgugggaaGca..... 1
Gi2_11044452_x1.....cgCagacgucgugggaaacacggggugcc..... 1
Gi3_28270362_x1.....Ngggaaacacggggugccga..... 1
Gi3_28693880_x1.ugcgauccgNagacgucgugggaa..... 1
Gi1a_6200068_x1...gaucggagacguUguggg..... 1
Gi5_8935464_x1.....gagacgucgAgggaaacacg..... 1
Gi1a_6359019_x1.....aacacggggugcUgaacu..... 1
Gi2_11284205_x1...aucggagacgucguCggaacacggg..... 1
Gi3_28603933_x1.gcgauccggagacgucgugggaaAa..... 1
Gi3_28913448_x1.....cgucgugggaaacacgCggugccgaac..... 1
Gi2_11355746_x1.....cCucgugggaaacacggggugc..... 1
Gi1_4253692_x1.....Agagacgucgugggaaacacggggugccg..... 1
Gi3_28827535_x1.....gucgugggaaacacgggAugccgaa..... 1
Gi1a_5983383_x1...ucggagacNucgugggaaacacgg..... 1
Gi1_4313231_x1.ugcgauccAgagacgucgugggaa..... 1
Gi1_4308898_x1.....ggagacgucAuggaaacacggggugcc..... 1
Gi1a_5990889_x1...aucAgagacgucgugggaaacacggggugcc..... 1
Gi2_11258456_x1.gGauccggagacgucgugggaaacacggggug..... 1

Gi3_28557955_x1.Ggcgaucggagacgucgugggaaacacggg..... 1
G1a_6168374_x1....aucggagacgucgCgggaacacg..... 1
Gi5_9012677_x1.....agacUucgugggaacacggggugccga..... 1
G1a_6269004_x1.....gaacGcggggugccgaacu..... 1
Gi3_28305892_x1.....gucgugggaacacggggugccgaacAu..... 1
Gi5_8908821_x1.....gucgugggaacacggggAgccgaa..... 1
G1a_6110499_x1.....ggagacguUgugggaacacg..... 1
Gi3_28724562_x1....gauAggagacgucgugggaaacacgggg..... 1
Gi5_9032307_x1.....gugggaacacggAgugccgaa..... 1
Gi1_4357153_x1.....acgucguggAaacacggggugccgaac..... 1
Gi3_28475000_x1.....cguggAaacacggggugccgaa..... 1
Gi2_11062368_x1.....gagacgucgugggaaacacgAgggugccg..... 1
Gi3_28431241_x1.....cggagacgucguUggaacacggggugc..... 1
Gi2_11216035_x1.....cgGgggaacacggggugccgaacu..... 1
Gi2_11246696_x1.....gacgucgugggaacacggggG..... 1
Gi3_28531302_x1....aucggaCacgucgugggaaacac..... 1
Gi3_28442769_x1.....cggagacgucgugggaaacacgA..... 1
Gi1_4370945_x1....gaucggagacgucgugggaaacaAgg..... 1
Gi1_4247871_x1....aucgAagacgucgugggaaacacg..... 1
Gi2_11233125_x1.....guUgugggaaacacggggugccga..... 1
Gi2_11267058_x1....aucgCagacgucgugggaaac..... 1
Gi2_11218353_x1.....gggaacacgUggugccgaac..... 1
G1a_6043620_x1....gaCcggagacgucgugggaaacacggggug..... 1
Gi1_4358353_x1.....agacgucgugggaaacacggggCgccga..... 1
Gi1_4159800_x1....aucggGgacgucgugggaaacacggggugccga..... 1
G1a_6301986_x1.....gggaacaGggggugccgaacu..... 1
Gi3_28704568_x1.....gugggaacacgCggugccg..... 1
Gi2_11286382_x1....ucggagacgucgugggaaacacggggAcc..... 1
Gi2_11045861_x1.....gagacgucgugggaaacacgAggguc..... 1
Gi3_28651090_x1.....agacgucguggAaacacggg..... 1
Gi1_4368174_x1.....agacgucgugggaaacacggggugccgaacu..... 0
Gi3_28443156_x1....gaucggagacgAcgugggaaacacgggg..... 1
Gi3_28803938_x1.uAcgaucggagacgucguggg..... 1
Gi1_4222540_x1.....cgugggaCcacggggugccgaa..... 1
Gi2_11023500_x1.....ggagacgucgAgggaacacggggug..... 1
Gi3_28326706_x1.....gaAacgucgugggaaacacggggugcc..... 1
Gi2_11365463_x1....ucggagacgucgugggaaacacggggA..... 1
Gi2_11377914_x1.....ugggaacacgCggugccgaacu..... 1
Gi1_4164855_x1.....ggaacacgggguCccgaacu..... 1
Gi2_11326731_x1....aucggagacAucgugggaaac..... 1
Gi5_8989723_x1....gaucggagacgucgCgggaacacgg..... 1
Gi2_11165304_x1.....gugggaaUacggggugccgaacu..... 1
G1a_6157154_x1.....gggaacacNgggugccgaa..... 1
Gi3_28630256_x1.....ugggaacacggggugccgaU..... 1
G1a_6203520_x1....guUgugggaaacacggggugccgaacu..... 1
Gi3_28649949_x1.....cgucgugggaaUacggggugccga..... 1
Gi3_28657123_x1....aucggagaAgucgugggaaac..... 1

Gi2_11185136_x1.....gggaacGcggggugccgaa.....	1
Gi2_11042107_x1...gaucggagacAucgugggaaca.....	1
Gi3_28641249_x1....aucggagacgucgugggaacacU.....	1
Gi5_8961656_x1.....cgAcgugggaacacggggugccgaacuu.....	1
Gi2_11068560_x1...cgaucggagacgucgugggaacacggggugccgaac.....	0
Gi5_8973750_x1.....agacgucgNgggaacacggggugccga.....	1
G1a_6073333_x1...cgaucggagacgucgAgg.....	1
Gi2_11254875_x1..gcgaucggagGcgucgugggaacacggg.....	1
Gi2_11311964_x1.....cggagacgucgugggaacacgggAugc.....	1
Gi1_4179541_x1.....gaacCcggggugccgaacuu.....	1
Gi3_28755102_x1.....aUgucgugggaacacggg.....	1
Gi2_11097887_x1.....agacUucgugggaacacggggugc.....	1
Gi3_28742563_x1...cgaucggagacgCcgugggaacacg.....	1
Gi3_28784516_x1...cgaucggagacguUgugggaacacgg.....	1
Gi3_28311376_x1.....ggagacgucgugggaacacggggugUc.....	1
Gi2_11250067_x1.....cgugggaUcacggggugccgaac.....	1
Gi4_598451_x1....ucggGgacgucgugggaacacggggugccg.....	1
Gi5_9111466_x1....ucgugggaGcacggggugccgaac.....	1
Gi2_11107992_x1...gaucggagacgucgugggGacacggggugcc.....	1
Gi3_28390595_x1.....ucgugggUcacggggugcc.....	1
Gi2_11130711_x1.....gUagacgucgugggaacacggggugccgaac.....	1
Gi3_28747323_x1.....gggUcacggggugccga.....	1
Gi3_28938654_x1.....gacAucgugggaacacggg.....	1
Gi1_4380575_x1.....cgucgugggaacacggggugccgaUc.....	1
Gi3_28550463_x1....aucggagacgucgCgggaac.....	1
Gi2_11245625_x1.....Uggaacacggggugccgaacuu.....	1
Gi2_11187043_x1.....agacgucgugggaacacggggGgccgaacu.....	1
Gi3_28270108_x1.....ggaacacggggugcGgaa.....	1
Gi3_28481793_x1.....ucguggAaacacggggugcc.....	1
Gi2_11119640_x1...gaucggagaAgucgugggaacacggggugc.....	1
Gi3_28578975_x1.....acgucgugggaUcacggggugccgaacu.....	1
G1a_6277618_x1....aucggagGcgucgugggaa.....	1
Gi3_28770430_x1.....gugggaaUacggggugccgaacuu.....	1
G1a_6205724_x1...gauAggagacgucguggg.....	1
G1a_6131506_x1.....cgugggaacacggggugccgaUc.....	1
Gi2_11279849_x1...cgaucggagacgucgugggCacacggg.....	1
Gi1_4168889_x1.ugcgaucggagCcgucgugggaacacg.....	1
Gi2_11052501_x1.....ggagacgucgugggaacacggggugU.....	1
Gi2_11131652_x1....ucggagacgucgugggGacacggggugccga.....	1
Gi3_28884649_x1.....aacacggggAgccgaacuu.....	1
Gi3_28292153_x1.....agacgucgugggaacacgUg.....	1
Gi3_28961268_x1...Caucggagacgucgugggaac.....	1
Gi3_28282324_x1.....agacgucgugggaacacggggAgccgaac.....	1
Gi2_11086703_x1.....cgucgugggaacNcggggugccgaacu.....	1
Gi5_9076853_x1.....gacgucgugggaacacggggAgccgaac.....	1
Gi3_28358715_x1....aucggagacgucgugCgaacac.....	1
Gi3_28425386_x1...cgaucggagacgucgugggaacac.....	0

Gi1_4320265_x1.....agacgucgugggaacUcggg..... 1
Gi2_11079729_x1.....aucggagCcgucguggga..... 1
Gi3_28985797_x1.....agacgucgugggaCcacgggg..... 1
Gi3_28929111_x1.....agacgucgugAgaacacggg..... 1
Gi3_28868573_x1.....agacgucgugggGacacggg..... 1
Gi1_4338853_x1.....gggaacacNgggugccgaac..... 1
Gi2_11107354_x1.....cgugggaacacCgggugccgaac..... 1
Gi2_11388318_x1.....ucggagacgucgugggaCcacggggu..... 1
Gi3_28957394_x1.....cguNgugggaacacggggugccgaa..... 1
Gi1_4175926_x1.....gggaacacggggugccgaCc..... 1
Gi3_28378003_x1.....gagacgucgugggaGcac..... 1
Gi5_8973741_x1.....aucggagCcgucgugggaacacggggugcc..... 1
Gi2_11187456_x1.ugcgauccgagacgucguAggaacacg..... 1
Gi2_11192095_x1.....ucggCgacgucgugggaacacggggu..... 1
Gi3_28726464_x1.....aucggagacgucgugggaGcacggggug..... 1
Gi2_11280939_x1.....gacgGcgugggaacacggggugcc..... 1
Gi3_28781570_x1.....gucgugggaacaAggggug..... 1
Gi1a_6263988_x1.....Agugggaacacggggugc..... 1
Gi2_11375174_x1.....ucguggCaacacggggugccg..... 1
Gi2_11316834_x1.....aucggagacgGcgugggaacacggggugcc..... 1
Gi2_11244262_x1.....gggaacacUgggugccgaac..... 1
Gi3_28648200_x1.....cgauccgagacgucgugggCacacg..... 1
Gi2_11024177_x1.....Ggacgucgugggaacacggggugccga..... 1
Gi5_9025447_x1.....gCcgucgugggaacacggggugccgaacu..... 1
Gi3_28355036_x1.....ucggagacgucgugggaacacggUgugcc..... 1
Gi3_28313565_x1.....gaucgCagacgucgugggaacacggg..... 1
Gi2_11010522_x1.....ugggaacacggggCgccgaacuu..... 1
Gi2_11095334_x1.....Cgggaacacggggugccgaacuu..... 1
Gi3_28827864_x1.....gagacguUgugggaacacggggugccgaac..... 1
Gi5_9013130_x1.....gaacCggggugccgaac..... 1
Gi3_28524184_x1.....ugggaacacggggugGcgaac..... 1
Gi3_28417224_x1.....cgucgugggaacacggggugGcgaacu..... 1
Gi3_28825958_x1.....ucggagacgucguggAaacacggggugcc..... 1
Gi2_11276055_x1.....cgucgugggaacaUgggugccgaa..... 1
Gi2_11195136_x1.....gaucggagacgucgugggaacacUg..... 1
Gi2_11041587_x1.....aucggagacgucgugUgaacacggggugc..... 1
Gi1_4335346_x1.....aucggagacgucgugggaacaAg..... 1
Gi3_28422267_x1.....gacgucgugggaacacggggugcAg..... 1
Gi3_28286814_x1.....cggagacgucgugggUaacgggggu..... 1
Gi1_4365646_x1.....gaacacgUggugccgaacu..... 1
Gi3_28735004_x1.....acgucguAggaacacggggugccga..... 1
Gi2_11067707_x1.....gaucggagaUgucgugggaac..... 1
Gi3_28597326_x1.....cgauccgagacgucgugggaUacg..... 1
Gi1_4261278_x1.....ucggagacgucgugggaacacAgggugc..... 1
Gi5_9113732_x1.....aucggagacgCcgugggaacacggggugc..... 1
Gi2_11135629_x1.....gacgucgugggaacacggggUaccgaac..... 1
Gi3_28860406_x1.....gaucggagUcgucgugggaacacg..... 1

Gi4_600413_x1	.....acgucguAggaacacggggugccgaacu.....	1
Gi1_4170939_x1	.....ggagacgucguggaacaUggggugccg.....	1
Gi2_11395305_x1	.....gacgucguggaCcaccg.....	1
Gi3_28369650_x1	.....acgucguggAaacacggggugccgaa.....	1
Gi3_28800607_x1	.....ggagacgucguggaacaAggg.....	1
Gi3_28754020_x1	.....aucggagUcgucguggaacaacgg.....	1
Gi1_4351635_x1	.....guUguggaacaacggggugccgaac.....	1
Gi1_4374403_x1	.....acgucguggGacacggggugccgaac.....	1
Gi3_28696161_x1	.....ucguggaacaacggggugGcgaac.....	1
Gi4_593273_x1	.....cgucguggaacaacggggugccgaaGu.....	1
Gi2_11407747_x1	.....ggaacacgUggugccgaa.....	1
Gi4_610249_x1	.....guggaacaacggggugccAaacu.....	1
Gi3_28885665_x1	.....gacguUguggaacaacggggugccg.....	1
G1a_6023208_x1	.....cguggaacaacggggugccgaaGu.....	1
Gi1_4308274_x1	.....acgucguggUaacacggggugccgaacu.....	1
Gi1_4204908_x1	ugcgauccgagacgucgug.....	0
G1a_6272810_x1	.....gugAgaacacggggugcc.....	1
Gi1_4335724_x1	.....gUcgucguggaacaacggggugccgaacu.....	1
Gi3_28978457_x1	.....gacgucguggaacaacGcggggu.....	1
Gi2_11136577_x1	.....agacgucguUggaacaacggggugc.....	1
Gi2_11049792_x1	.....ggaUcacggggugccgaac.....	1
Gi1_4194709_x1	.....aucggagacgucUuggaacaacggggugcc.....	1
Gi3_28492013_x1	.....aucggagacgucguggUaacacggggugc.....	1
Gi3_28879426_x1	.....cguggaacaacggggugccCaac.....	1
Gi1_4272430_x1	.....Ugacgucguggaacaacggggugccga.....	1
Gi1_4169405_x1	gcAaucggagacgucguggaaca.....	1
Gi4_582315_x1	.....cgugggCacacggggugccgaacu.....	1
Gi3_28586968_x1	.....gauUggagacgucguggaacaacgg.....	1
Gi2_11299569_x1	.....ggagacgucguggaaAacggggugc.....	1
Gi2_11209035_x1	.....guggaacaacggggugccgaU.....	1
Gi3_28413021_x1	.....gaucggagacgucguggaacaC.....	1
Gi2_11368649_x1	ugcgauccgagacgucguggUaca.....	1
Gi3_28854769_x1	.....cggagacgucguggaacaUggggugccg.....	1
Gi1_4191858_x1	.....ucguggaacaacUcggggugccgaac.....	1
Gi3_28530083_x1	gcaucggNgacgucguggaacaacggggug.....	1
Gi1_4174452_x1	.....Aguggaacaacggggugccgaacu.....	1
Gi3_28942214_x1	.....ggaacacggggugAcgaa.....	1
Gi2_11400175_x1	.....aucggagacguGguggaaca.....	1
Gi2_11049593_x1	.....gaucggagacgucguggaacaUcgg.....	1
Gi2_11156479_x1	.....gaucggagacgucguggaGc.....	1
Gi1_4327231_x1	.....aucggagacguAguggaacaacg.....	1
Gi2_10998672_x1	.....cgGcuguggaacaacggggugccgaa.....	1
Gi3_28979707_x1	.....ggagUcgucguggaacaacggggugcc.....	1
Gi2_11051689_x1	.....aucggagacAucguggaacaacggg.....	1
Gi5_8858915_x1	.....gggaacaacggggugccgaacu.....	0
Gi5_8947795_x1	.....gaacaacggggugccgaGc.....	1
Gi3_28264287_x1	.....Cgagacgucguggaacaacggggugccg.....	1

Gi2_11045193_x1.....acgucgugggaaUacggggugccgaacu..... 1
Gi2_11302551_x1...Ggaucggagacgucgugggaaacacggggugcc..... 1
Gi3_28984449_x1.....cgucguCggaacacggggugccgaacu..... 1
Gi1_4367451_x1....aucggagacgucgugggaaacacggggA..... 1
Gi3_28671249_x1....gaucggagacgucgugggaaacacCgg..... 1
Gi2_11327313_x1....aucggagacgucgugggUaacacggggugc..... 1
Gi5_8874169_x1.....cggagacgucAugggaacacggggugccga..... 1
Gi1_4303677_x1....aucggagacgucgugggaaacacgAggugcc..... 1
Gi3_28863240_x1.....gacgucgugggaaacacggggugcGgaac..... 1
Gi5_9136662_x1.....gugggaacacggggugccCaac..... 1
G1a_6104556_x1.....acgucAugggaacacgggggu..... 1
G1a_6180255_x1....aucggagacgucgugggaaacacggggCg..... 1
Gi2_11337164_x1.....ucUgagacgucgugggaaac..... 1
Gi2_11184970_x1.....ggagacgucgugAgaacacggggugc..... 1
Gi2_11045764_x1.....acgucgugggaaacacggggugccgaUU..... 1
Gi2_11109190_x1.....gacgucAugggaacacggggugccg..... 1
Gi1_4165380_x1....gauUggagacgucgugggaaacac..... 1
Gi1_4196233_x1.....cguAgggaacacggggugccgaa..... 1
Gi1_4273645_x1....Gucggagacgucgugggaaac..... 1
Gi3_28391848_x1.....cguNggaaacacggggugccga..... 1
G1a_5987536_x1.....gagacgucgugggCacacg..... 1
Gi2_11046128_x1.....ugggUaacacggggugccg..... 1
Gi2_11145603_x1.....acguGgugggaaacacggggugccgaac..... 1
Gi3_28567164_x1..gGgaucggagacgucgugggaaacacgg..... 1
Gi5_8849458_x1.....gugggaacacgggUugccgaac..... 1
Gi1_4213328_x1....ucggagacgucgugggaaAacg..... 1
Gi2_11366038_x1.....gacgucgugggaaacacAgggugccg..... 1
Gi2_11139295_x1.....ggagUcgucgugggaaacacg..... 1
Gi2_11145485_x1.....ugggaacacggggugUcgaa..... 1
Gi1_4213608_x1.....cgugggaaUacggggugccgaacu..... 1
G1a_6340869_x1....gaAacggagacgucgugggaaacacgggggu..... 1
Gi2_11097283_x1.....gacgucgugggaaAacggggugccg..... 1
Gi4_569966_x1....agacgucgugggaaacacggggugccgaaAu..... 1
Gi3_28357202_x1.ugcgGucggagacgucgugggaaacacggggugc..... 1
Gi4_586383_x1....ucgugggaNcacggggugccgaacu..... 1
Gi5_9051637_x1.ugcgGucggagacgucgugggaa..... 1
Gi1_4360015_x1.....gucgugggaaacacggUgugccgaac..... 1
G1a_6114215_x1....aucggagacguAgugggaaacacggggug..... 1
Gi3_28545432_x1.....ggagacgucgugggaaacaUggggugcc..... 1
Gi2_11398153_x1....aucggagacCucgugggaaacacggggugcc..... 1
Gi2_11373598_x1....gaucggGgacgucgugggaaaca..... 1
Gi1_4191641_x1.....Agugggaacacacggggugccgaac..... 1
Gi2_11059342_x1.....ugggaacacggggAgccgaa..... 1
Gi3_28946301_x1.....gucguAggaaacacggggugc..... 1
Gi1_4363309_x1.....gaacacggggguUccgaacu..... 1
Gi3_28569304_x1.....gucgugggaaacacggggguCc..... 1
Gi2_11298878_x1.....ucguggUaacacggggugccg..... 1

Gi3_28461376_x1.....ggagacgucgugggaaAacg..... 1
Gi1_4242742_x1.....ucgugUgaacacgggugccgaacuu..... 1
Gi1_4371076_x1.....uUggagacgucgugggaacacg..... 1
Gi5_9138141_x1.....cgCcgugggaacacgggugccgaa..... 1
Gi3_28396148_x1.....gacgucguAggaacacggggu..... 1
G1a_6035525_x1.....gucgCgggaacacgggugccgaa..... 1
Gi2_11267514_x1.....gagacgucgugggaacacggggGgcc..... 1
Gi2_11025666_x1.....gacgucgGgggaacacggggugc..... 1
Gi3_28920438_x1.....Ggucgugggaacacggggug..... 1
Gi3_28666005_x1.....auNggagacgucgugggaacac..... 1
Gi5_8845074_x1.....gaacacgggugcUgaac..... 1
G1a_6309085_x1.....gaucggagacgucgGgggaacacggg..... 1
Gi1_4361272_x1.....ugggaacUcggggugccgaac..... 1
Gi1_4208748_x1.....guggUaacacgggugccg..... 1
G1a_6023428_x1.....ucggagacguAgugggaacacggg..... 1
Gi2_11234386_x1.....cgugggaCcacgggugccgaa..... 1
Gi1_4218245_x1.....gacgucgugggaacacggggU..... 1
G1a_6292413_x1.....cUaucggagacgucgugggaacacggg..... 1
Gi3_28539980_x1.....cggagacgucgugggaGcacgg..... 1
Gi1_4168613_x1.....gacgucgugggaacCggggugcc..... 1
Gi1_4383125_x1.....ggagacgucguAggaacacggggugccg..... 1
G1a_6194359_x1.....cgucgugggaacacggggCgccgaac..... 1
Gi5_9044316_x1.....acgucgugggaGcacggggugccga..... 1
Gi5_8895725_x1.....gucgugggaacacgCggugccgaacu..... 1
Gi2_11341262_x1.....gaucggagacguGgugggaacac..... 1
Gi2_11064369_x1.....Ugaucggagacgucgugggaacacggggugc..... 1
Gi2_11125258_x1.....ugggaacaUggggugccga..... 1
Gi3_28911910_x1.....ucggagacgucgugggaacacgUggugcc..... 1
Gi3_28717663_x1.....ucggagacgucgugggaacacggggugcA..... 1
G1a_6274652_x1.....ggagacgucgugggaUcacg..... 1
Gi2_11312944_x1.....Nggagacgucgugggaacacggggugcc..... 1
Gi3_28649852_x1.....gacgucgugggaacacgggCugccgaac..... 1
Gi3_28295726_x1.....uggCaacacggggugccga..... 1
Gi5_8926016_x1.....aucggagacgucguggCaacacgg..... 1
Gi4_596086_x1.....Gucggagacgucgugggaacacggg..... 1
G1a_6031185_x1.....ucggGgacgucgugggaacacggggugc..... 1
Gi2_11266595_x1.....ugggaacUcggggugccgaa..... 1
Gi2_11395502_x1.....gaucgCagacgucgugggaacacggg..... 1
Gi5_9038618_x1.ugcgaucggagacguGguggg..... 1
Gi2_11101598_x1.....gucgugggNacacggggugccgaa..... 1
Gi5_9081657_x1.....aucggagacgucgugggaacCggg..... 1
Gi5_8908959_x1.....ggagacgucgugggaacacggggCgccgaacu..... 1
Gi3_28597321_x1.....Ugacgucgugggaacacggg..... 1
Gi3_28696072_x1.....cgucgugggaacaGggggugcc..... 1
Gi3_28311423_x1.....Cagacgucgugggaacac..... 1
Gi2_11131973_x1.....gaucggagacgucgugggaUacggggugc..... 1
Gi3_28371204_x1.....agacgucgugAgaacacgggg..... 1

Gi3_28614328_x1.....cggagacgucgugggaacaAggggu.....	1
Gi5_9129379_x1.....agUcguccgugggaacacggggugc.....	1
Gi1_4301563_x1.....Ugugggaacacggggugccgaacu.....	1
Gi3_28611356_x1.....ggagacgucgugAgaacacggg.....	1
Gi3_28676313_x1.....cgauccgagacgucgugggaacacgAg.....	1
Gi3_28820957_x1.....cggagaUgucgugggaacacggggug.....	1
Gi1_4227037_x1.....gagacgucgugggaacacggggugc.....	0
Gi4_567819_x1.....aacacggggugcGgaacu.....	1
Gi1a_6041689_x1.....cUgagacgucgugggaacacggggugcc.....	1
Gi1_4361219_x1.....ucgugggaacacggAguc.....	1
Gi3_28535019_x1.....gaucggagNcgucgugggaacacggggug.....	1
Gi5_9062742_x1.....aGuuuccagcgccugcugcccacc.....	1
Gi5_9050285_x1.....cgugggaGacggggugccgaac.....	1
Gi5_8959012_x1.....gucgugggaacacggggugAcgaac.....	1
Gi1_4374556_x1.....ucggagGcguccgugggaacacgggggu.....	1
Gi1a_6207996_x1.....cgauccgagGcguccgugg.....	1
Gi3_28268982_x1.....cUaucggagacgucgugggaacacggggug.....	1
Gi1a_6093579_x1.....aucggGgacgucguggga.....	1
Gi3_28830978_x1.....cggagaUgucgugggaacacggg.....	1
Gi1_4186113_x1.....agacgucgugggGacacggg.....	1
Gi4_581452_x1.....cgAcgugggaacacggggugccgaacu.....	1
Gi1_4272641_x1.....cgugggaNacggggugc.....	1
Gi1a_6171226_x1.....gUacacggggugccgaacu.....	1
Gi5_8919052_x1.....ucgugggaacacggggugUcgaac.....	1
Gi2_11279987_x1.....agGcguccgugggaacacggggugccgaa.....	1
Gi3_28585683_x1.....ucgugCgaacacggggugccgaac.....	1
Gi2_11092400_x1.....aucggagacgucgugGCaacacggggugcc.....	1
Gi3_28488184_x1.....gucgugggaacacgggAugc.....	1
Gi2_11212702_x1.....cggagacgucgugggaacacggAgugcc.....	1
Gi5_8914320_x1.ugcgaucggagacgucgCg.....	1
Gi2_11203270_x1.....ggagacgucgugggaacacgUggugcc.....	1
Gi1_4216983_x1.....cgugggaacacggggugccAaac.....	1
Gi2_11360641_x1.....gugggaacacgAggugccga.....	1
Gi2_11059341_x1.....gacgucguAggaacacgggggu.....	1
Gi1_4228255_x1.....agacgucgugggaacacggggCg.....	1
Gi1_4191461_x1.....cgugggaacacggggCgcccga.....	1
Gi2_11321855_x1.....acgCcgugggaacacgggggu.....	1
Gi3_28709745_x1.....ggagacgucguggAaacacg.....	1
Gi5_9126757_x1.....agacUucgugggaacacggggugccgaac.....	1
Gi3_28932399_x1.....gaucgAagacgucgugggaacacgg.....	1
Gi3_28556832_x1.....agacgucgugggaacacggggugccgCa.....	1
Gi1_4215914_x1.....gAaacacggggugccgaac.....	1
Gi1_4187734_x1.....ucggagacgucgugggGacacggg.....	1
Gi5_8936835_x1.....ggGacacggggugccgaa.....	1
Gi2_11079536_x1.....aucggagacgucguAggaac.....	1
Gi5_8884408_x1.....gggaacacgggUugccgaacu.....	1
Gi3_28803049_x1.....gggaacacgUggugccgaa.....	1

Gi1_4274394_x1.....aucggagaAgucgugggaacac.....	1
Gi3_28887630_x1.....cgUagacgucgugggaacacggg.....	1
Gi3_28580305_x1.....gNacacggggugccgaacu.....	1
Gi1_4210662_x1.....gacgucgugggaacacggggugUc.....	1
Gi3_28446645_x1.....cgucgugCgaacacggggugcc.....	1
Gi3_28305872_x1.....aucggaAacgucguggga.....	1
Gi2_11369247_x1.....gaacaGggggugccgaacu.....	1
Gi3_28711466_x1.....ucgugggaacacgAggugccgaa.....	1
G1a_6067513_x1.....cgucgugggaacacggggugcc.....	0
Gi1_4320291_x1.....acgucgAgggaacacggggugccg.....	1
Gi5_8895196_x1.....acgucguUggaacacggggugccga.....	1
Gi2_11383967_x1.....gggaaCcgggugccgaac.....	1
G1a_6268154_x1.....Nugggaacacggggugccgaac.....	1
Gi2_11109531_x1.....ggGgacgucgugggaacacggggugccgaa.....	1
Gi5_9061142_x1.....cgugggaacacggggugccgaacuC.....	1
Gi2_11170853_x1.....acgucgugggaacCcgggugccg.....	1
G1a_6235373_x1.....aucggagacgucgugggaacacgAggugcc.....	1
Gi2_11302166_x1.....agacgucgugggaacacgggguc.....	1
Gi2_11197139_x1.....aucggagacgucgugggaacUcggggugc.....	1
Gi2_11000198_x1.....gagacgucgugggaacacggggugccgCac.....	1
Gi5_8920619_x1.....gagacgucgugggaacacggggugccgUacu.....	1
Gi2_11326759_x1.....acgucgugggaacCcgggugccga.....	1
Gi5_8944145_x1.....cggagacgucgugggaacacggggCgcc.....	1
Gi5_8975200_x1.....cgugggaacacggggugA.....	1
Gi1_4383926_x1.....gAgaacacggggugccgaac.....	1
Gi2_11212906_x1.....ucguggUaacacggggugccgaacu.....	1
Gi3_28293751_x1.....gacgucgugggaAacggggu.....	1
Gi2_11198690_x1.....cgucUugggaacacggggugccgaacu.....	1
G1a_6301302_x1.ugcgauccgagacgCcgug.....	1
Gi2_11211815_x1.....gucgugggaacaAgggugccga.....	1
Gi2_11086522_x1.....acgucgugggaacacgAggugc.....	1
Gi3_28598152_x1.....gucgugggaUcacggggugccgaac.....	1
Gi1_4380178_x1.....agGcugcuggggaacacgggg.....	1
Gi2_11286042_x1.....gugggaacacCgggugccga.....	1
Gi2_11012936_x1.....aucggagacgucgugCgaaca.....	1
Gi2_10995180_x1.....aucggagacgucgugggaacacgggCug.....	1
Gi2_11175808_x1.....cgucgugggaacacggggugcU.....	1
Gi5_9075249_x1.....gaucggagacgucgugggaacacA.....	1
Gi2_11091806_x1.....Cgagacgucgugggaacacggggugc.....	1
G1a_6125455_x1.....cgugggaacaUggggugcc.....	1
Gi1_4371050_x1.....cggGgacgucgugggaacacgggg.....	1
Gi2_11120793_x1.....gacgucguggAaacacggggugccgaacu.....	1
Gi3_28500268_x1.....cgugggaacacgAggugccgaa.....	1
Gi1_4387618_x1.....aucggagacgucgugAgaacacggggugcc.....	1
Gi1_4264808_x1.....aucggCgacgucgugggaacacggg.....	1
Gi5_9092885_x1.....Nugggaacacggggugcc.....	1
Gi5_9089708_x1.....gaucggagCcgucgugggaacacgg.....	1

Gl1a_5989035_x1...cgaucggagacgucgugggaaacGcg..... 1
Gi1_4254025_x1....aucggagacgucgugggaaAa..... 1
Gi2_11173721_x1...cgaucggagacgucgugggaaacacggAgugc..... 1
Gi2_11071703_x1.....agacgAcgugggaaacacggggugccgaacu..... 1
Gi5_9130670_x1.....cgucguAggaacacggggugc..... 1
Gi2_11020948_x1.....cgucgAgggaaacacggggugcc..... 1
Gi1_4389435_x1.....gucgugggaaacaAggggug..... 1
Gi2_11146168_x1.....agacguUgugggaaacacggggugc..... 1
Gi4_595780_x1.....gugggaacNcggggugccgaa..... 1
Gi3_28418484_x1.....agacguUgugggaaacacggggugccgaa..... 1
Gi2_11215633_x1.....agacgucgugggaaacacggggugA..... 1
Gi3_28534354_x1.....ggagacgucgugggGacacggggugcc..... 1
Gi1_4303371_x1.....gugggaacacggCgugccgaa..... 1
Gi2_11167562_x1.....gggaacacggggugAcga..... 1
Gi1_4199154_x1.....acgucgugggaaacacggggAgccg..... 1
Gi2_11150113_x1.....acgucgugNgaacacggg..... 1
Gi2_11039844_x1.....Ggucgugggaaacacggggug..... 1
Gi3_28474207_x1.....Agagacgucgugggaaacacgg..... 1
Gi2_11367779_x1....aucggagacgucguggCaacacg..... 1
Gi2_11168924_x1....aucggagacgucgugUgaaca..... 1
Gl1a_6069674_x1....aucggagacgucgugggaaacacAgg..... 1
Gl1a_6000709_x1.....cgugggaaacacggggAgcc..... 1
Gl1a_6148186_x1.....cggagacgucgugggaaacacggggG..... 1
Gi3_28531868_x1.....acgucguggCaacacggggugcc..... 1
Gi3_28698688_x1.....uUgugggaaacacggggugccga..... 1
Gi5_8830153_x1.....gugggaacacggggAugccg..... 1
Gi3_28683621_x1....gaucggagUcugcugggaaacac..... 1
Gl1a_6031834_x1.....cgugggaaacacggggAcc..... 1
Gi3_28670904_x1.....gagacgucgugggaaacacggAgu..... 1
Gi5_9077813_x1.....gAgggaaacacggggugcc..... 1
Gi2_11172828_x1.....agacgucgugggGcacggggugccgaa..... 1
Gi3_28486565_x1.....ggUgacgucgugggaaacacggggugccgaa..... 1
Gi1_4324786_x1.....gugggaacacggUgugccg..... 1
Gi5_8948673_x1.....cgugggUacacggggugccg..... 1
Gi3_28644883_x1.....agacgucgugggaaacacggggCgcccga..... 1
Gi5_9133410_x1.....cgucgCgggaacacggggugcc..... 1
Gi1_4322125_x1.....cggagacgucgugggCacacgggggu..... 1
Gi2_11329459_x1.....gucgugggaaacaGggggugcc..... 1
Gi5_9060158_x1.....acgucUugggaacacggggugccgaacu..... 1
Gi3_28567431_x1....aucggagacgucguggUaacacg..... 1
Gi4_590981_x1.....gugggaacacggggugccgaCcu..... 1
Gi2_11007063_x1.....gugggaGcacggggugccgaacuu..... 1
Gi3_28365084_x1....gaucggagacgucgCggga..... 1
Gl1a_6351561_x1.....gacgucgugAgaacacgggggu..... 1
Gl1a_6148154_x1.....ggagacgucgugggGcacggggugc..... 1
Gi2_11192440_x1.....gacgAcgugggaaacacggggugccgaac..... 1
Gi5_9008524_x1.....acgucgugggGacacggggugccgaaac..... 1

Gi3_28649533_x1.....aucggagacgucgugggGcacggggugc..... 1
Gi3_28310413_x1...gaucggagacgucgugggCacacggggug..... 1
Gi2_11240605_x1.....ggagacgucgugggGcac..... 1
Gi2_11052441_x1.....acgucguggUaacacggggugc..... 1
Gi2_11159723_x1.....ggagacgucgugggGacacggggugc..... 1
Gi3_28677341_x1.....ggagacgucgugggaacC..... 1
Gi2_11046344_x1.....gUcgucgugggaacacggggugc..... 1
Gi3_28806818_x1.....gggaCcacggggugccga..... 1
Gi4_611245_x1.....cgugggUacacggggugccgaacu..... 1
Gi2_11385480_x1...aucggUgacgucgugggaacA..... 1
Gi5_9047066_x1.....aacacgggNugccgaacuuu..... 1
Gi2_11328269_x1...cgauccgagacgucgugggaacGcg..... 1
G1a_6284147_x1...uGggagacgucgugggaacacgg..... 1
Gi3_28437477_x1...gaucggagacgucgugggaacacgggAu..... 1
Gi2_11398396_x1.....cgucgugggaacacgggAugccg..... 1
Gi2_11371641_x1.....cgucgugggGacacggggugccgaa..... 1
Gi3_28710095_x1.....cggagacgucgugggaacUg..... 1
Gi3_28919368_x1.....ggagacgucgugggGcacggggugccga..... 1
Gi3_28400757_x1.....ucgNgggaacacggggugccgaa..... 1
Gi2_11219658_x1.....agacgucgugggaacacAgggugccgaac..... 1
Gi1_4217110_x1.....guAggaacacggggugccg..... 1
Gi2_11049014_x1.....acgCcgugggaacacggggugccgaac..... 1
Gi5_8889628_x1.....gaacacggggugccgaaGu..... 1
Gi2_11150159_x1.....ucgugggaacUggggugccg..... 1
Gi2_11143290_x1...gaucggagUcgucgugggaacacggg..... 1
Gi2_11031273_x1.....gugggaaGacggggugccg..... 1
Gi2_11407771_x1.....gucAugggaacacggggugcc..... 1
Gi1_4318947_x1.....uGgugggaacacggggugccgaacuu..... 1
Gi4_578222_x1.....aAacgucgugggaacacggggugccgaacu..... 1
Gi3_28532576_x1.....cgucgugggaaGacggggugc..... 1
Gi3_28546928_x1.....uggNaacacggggugccg..... 1
Gi3_28585106_x1...cgauccgagacgucgugggaa..... 0
Gi2_11297207_x1...gaucggagacgucguggAaacacggggug..... 1
Gi2_11041161_x1...cgauccgagacgucgugA..... 1
Gi3_28790043_x1.....Cgagacgucgugggaacacggggugcc..... 1
Gi5_9052346_x1...aucggagacgucgugggaacCcg..... 1
Gi1_4319177_x1.....ugNgaacacggggugccgaacu..... 1
Gi3_28917417_x1...gaucggagacgucgugggaacAaggggugc..... 1
Gi1_4275708_x1.....gugggaaUggggugccgaac..... 1
Gi3_28940418_x1.....cggagacgucguAggaacac..... 1
Gi3_28955330_x1.....gacgucgugggCacacggggugccgaac..... 1
Gi1_4226635_x1.....gugggaaacacggggGgccc..... 1
Gi5_9058748_x1.....cacgggGcgggaacuuu..... 1
Gi3_28678967_x1.....gucgugggaacacggggugccA..... 1
Gi3_28320169_x1...auNggagacgucgugggaacacggg..... 1
Gi2_11350065_x1...cgugggaacacgggCugccgaac..... 1
Gi3_28779419_x1.....acgucgugggaacacggggugGcgaacu..... 1

Gi2_11203917_x1.....ugggaacaAggggugccga..... 1
Gi3_28456118_x1....aucAgagacgucgugggaaacacggggug..... 1
Gi3_28345845_x1....gaucggagacgucgugggaaacacgAg..... 1
Gi2_11000037_x1....aucgCagacgucgugggaaacacggg..... 1
G1a_6021679_x1.....gucgCgggaacacggggugcc..... 1
Gi1_4274004_x1.....cgugggGacacggggugccg..... 1
Gi3_28325696_x1.....Agagacgucgugggaaacacggg..... 1
Gi1_4167554_x1.....ggagCcgucgugggaaacacggggugcc..... 1
Gi3_28343116_x1....gaucggagacgucgugggaaacUcggg..... 1
Gi3_28696299_x1.....cAucgugggaaacacgggg..... 1
Gi1_4242639_x1.....agacgCcgugggaaacacggggugccgaacu..... 1
Gi5_9128444_x1....aucUgagacgucgugggaaacacggggugc..... 1
G1a_6205048_x1.....ggAaacacggggugccgaacu..... 1
Gi3_28776448_x1.....gugggaacacggggugccgGacuu..... 1
Gi3_28488476_x1.....gggaacacUgggugccga..... 1
Gi3_28301295_x1.....acgucCugggaaacacggggugccgaacu..... 1
Gi3_28408942_x1.....cggagacgucgugggaaacacggggGgc..... 1
Gi1_4262907_x1.ugcgauccgUgacgucgugggaa..... 1
Gi1_4159604_x1.....ugggaacaNggggugccgaacu..... 1
Gi2_11232537_x1...Ggaucggagacgucgugggaaacacggg..... 1
Gi2_11006413_x1....gaucggCgacgucgugggaaacacggggug..... 1
Gi3_28469600_x1.....Ccacggggugccgaacu..... 1
Gi2_11402514_x1.....gacgucgugggaaGcacggg..... 1
Gi3_28376956_x1.....ggagacgAcgugggaaacacggggg..... 1
Gi1_4273006_x1.....ggaacacggggugccAaa..... 1
Gi2_11270187_x1....aucggagCcgucgugggaaacacggggug..... 1
Gi5_9048108_x1.....cgAcgugggaaacacggggugc..... 1
Gi2_11226058_x1.....aAacgucgugggaaacacggggugc..... 1
Gi3_28777639_x1cuUcgauccgagacgucg..... 1
Gi2_11175233_x1.....gucgugggaaacacggggugccUa..... 1
Gi3_28383401_x1.....cgugggaaacacgAgggugccg..... 1
Gi3_28968995_x1....Gucggagacgucgugggaaacacggggug..... 1
Gi3_28385243_x1....aucggagacgAcgugggaa..... 1
Gi2_11245932_x1.....gagacgucgCgggaacacggg..... 1
Gi5_9042045_x1....aucggagacgucgugggaaacaAggggu..... 1
Gi1_4264564_x1.....gucgugggaaacGcggggugccgaac..... 1
G1a_6104088_x1....aucggaAacgucgugggaaacacggggugcc..... 1
Gi3_28645013_x1.....gaUcacggggugccgaacu..... 1
Gi1_4349705_x1.....cUgagacgucgugggaaacacggggugccga..... 1
Gi3_28608585_x1.....cgucgugggaaacacggggugccgaaA..... 1
Gi5_9002342_x1.....gggaacacggggugccUaa..... 1
Gi5_8843946_x1....aucggagacgucgCgggaaca..... 1
Gi4_572863_x1.....gGgggaacacggggugcc..... 1
Gi2_11162462_x1.ugcgauccgagacgucgugAgaaca..... 1
Gi2_11316558_x1....cgauccgagaAgucgugggaaacacggggg..... 1
Gi3_28403958_x1.....ggagacgucgugggGaca..... 1
Gi2_11399448_x1.....cggagaGgucgugggaaacacggggugc..... 1

Gi3_28866976_x1..gcgaucggagacgucgugggaaA..... 1
 Gi2_11066318_x1....auNggagacgucgugggAAC..... 1
 GlA_6338424_x1..gcgaucggagacgucgugggGacacggg..... 1
 Gi2_11384316_x1.....cgucgugggAACacggggugAcgaac..... 1
 Gi3_28788656_x1...gaucggagacgucAuggAACacgggg..... 1
 Gi5_9126357_x1.....gagacgucgugggAACacggggugccgCacu..... 1
 Gi1_4226016_x1.....ucgugggAACUcggggugccgaacu..... 1
 Gi1_4291219_x1.....acgucgugggAACacggggGcggca..... 1
 Gi2_11142003_x1.....ggagacgucgugggAGcagggggug..... 1
 GlA_6021731_x1....aucggagacgucgugAga..... 1
 Gi5_8830122_x1.....cgugggAACacggggugccgaacuucU..... 1
 Gi3_28898506_x1...gaucggagacgCcgugggAAC..... 1
 Gi3_28298559_x1.....gggAACacggggugccga..... 1
 Gi2_11003932_x1.....cgugggAACaGggggugccgaac..... 1
 Gi3_28798346_x1.....ggagacgucgugggAACGcggggugccg..... 1
 Gi5_8831947_x1....aucggagacgucgugggAACacgC..... 1
 Gi3_28717228_x1....ucggGgacgucgugggAACacggg..... 1
 GlA_6278792_x1...gaucggagacgCcgugggAAC..... 1
 GlA_6236719_x1..ugcgaucggagacgucgugggAACaA..... 1
 Gi3_28728847_x1..CgcgaucggagacgucgugggAAC..... 1
 Gi5_8882425_x1.....gacAucgugggAACacggggugccgaacu..... 1
 Gi2_11342639_x1..gcgaucggagacgucgAgggAACac..... 1
 Gi2_11365374_x1.....agacguAgugggAACacggggugcc..... 1
 Gi5_9129798_x1.....gugggAACacggggugGcgaac..... 1
 Gi3_28299218_x1.....gagacgucgugggAACGcggggugccg..... 1
 Gi2_11141227_x1.....ugggAACacCgggugccgaac..... 1
 Gi5_8990070_x1.....agacgCcgugggAACacggggugccga..... 1
 GlA_6267152_x1.....acgucgugggAACacggggC..... 1
 GlA_5981512_x1.....acgucgugggCacacggggugccgaacu..... 1
 Gi2_11153262_x1.....cgucgugggAGcagggggugccgaac..... 1
 Gi3_28406709_x1.....ucgugggANcacggggugccga..... 1
 Gi1_4377172_x1.....ggagacgucgugggAACacgAggugcc..... 1
 Gi2_11329852_x1.....acgucgugggAACacggggGcgg..... 1
 Gi2_11283667_x1.....acguGgugggAACacggggugc..... 1
 Gi2_11241448_x1.....gagacgucNugggAACacggggugcc..... 1
 Gi1_4294247_x1.....gugggAACacggggugccgG..... 1
 Gi2_11119935_x1....ucggagaUgucgugggAACacggggugccgaac..... 1
 Gi3_28311670_x1.....gggAACacggggugcAga..... 1
 GlA_6118693_x1.....ggaacGcggggugccgaac..... 1
 Gi3_28912825_x1.....cgucgugggAACacggggugccCaacu..... 1
 Gi1_4260934_x1.....gAACacggggugcUgaac..... 1
 Gi3_28285457_x1...gaucggagacgucgugggAACacgAggugcc..... 1
 Gi3_28752703_x1.....guNggAACacggggugccg..... 1
 Gi3_28440927_x1...gaucggagacgucgugggAACacgggU..... 1
 Gi4_574424_x1.....cgAgggAACacggggugccgaac..... 1
 GlA_6274699_x1.....cgugggAACacggggAgccgaacu..... 1
 Gi1_4289254_x1.....CagacgucgugggAACacggggugcc..... 1

Gi3_28835771_x1.....gucguAggaacacggggugccga..... 1
Gi2_11025453_x1.....ugggaacacggggugccgaG..... 1
Gi2_11143052_x1.....gacgucgugggaacaUggggg..... 1
Gi3_28348224_x1.....gucgNgggaacacggggugccgaacu..... 1
Gi2_11209429_x1.....gucgugggaacacUggggugccgaac..... 1
Gi1_4271972_x1.....gaacacggggCgccgaacu..... 1
Gi2_11033793_x1.....ucggagaUgucgugggaacacggggugccga..... 1
Gi2_11405881_x1...cAaucggagacgucgugggaaca..... 1
Gi1_4203667_x1...aucggagacgucgugggaGcacgggg..... 1
Gi3_28335092_x1.....gaacacggggugccgaG..... 1
Gi2_11253260_x1.....ucCugggaacacggggugccgaacu..... 1
Gi3_28757017_x1.....ucguAggaacacggggugc..... 1
Gi1_4225270_x1.....cgugggaacacggAgugccga..... 1
Gi3_28586507_x1.....ucggagacgucguAggaacac..... 1
Gi2_11346009_x1...aucggagacgucgugggaacGcggggugccg..... 1
G1a_6297103_x1.....gaacacggggugccgUacu..... 1
Gi2_11351434_x1.....Nugggaacacggggugcc..... 1
Gi5_8850452_x1.....acgucguAggaacacggggugccg..... 1
Gi5_8855934_x1.....ucguggUaacacggggugccgaacu..... 1
Gi3_28979578_x1.....gacgucgugggaacGcgg..... 1
Gi2_11194247_x1...auNggagacgucgugggaacacggggugcc..... 1
Gi5_8914936_x1.ugcgaucggagacgCcgugg..... 1
Gi2_11094707_x1.....gucguggUaacacggggugccgaacu..... 1
Gi1_4283490_x1.....gagacgucguggGacacggggugccgaac..... 1
Gi3_28283734_x1.....ggagacgucgugUgaacacggggg..... 1
Gi2_11251688_x1...cgaucAgagacgucgugg..... 1
Gi2_11050522_x1.....gCcgugggaacacggggugccga..... 1
Gi3_28812085_x1.....agacguAgugggaacacggggugccgaac..... 1
G1a_6332446_x1.....gggaacacggAgugccgaac..... 1
Gi1_4288263_x1.....gaacacggggugcGgaacu..... 1
Gi1_4344071_x1...aGcggagacgucgugggaacacgggg..... 1
G1a_6314570_x1.....cgugggaacacggggugccUacu..... 1
Gi3_28913409_x1.....agacgucgNgggaacacggggugccgaa..... 1
Gi3_28545275_x1.....acgucgugggaacacggggugcGg..... 1
Gi2_11212649_x1...gaucggagacgucgugggaaA..... 1
Gi5_9124812_x1...aucggagaNucgugggaacacggggugccgaacu..... 1
Gi2_11208194_x1.....gggaacacggggugAcgaac..... 1
Gi5_8872390_x1.....cgucgugggaacacgCgugccgaacu..... 1
Gi1_4191460_x1.....ggagacgucgugggaGcacggggug..... 1
Gi2_11045643_x1.....gacAucgugggaacacggggugccgaacu..... 1
Gi3_28406392_x1.....ggagacgucgugggaacaUg..... 1
Gi1_4170861_x1.....ggagacguGgugggaacacggggugcc..... 1
Gi5_9002952_x1.....Cagacgucgugggaacacg..... 1
G1a_6186308_x1.....Ugugggaacacggggugccgaac..... 1
G1a_6029292_x1...aCcgagacgucgugggaacacggggugc..... 1
Gi2_11407091_x1.ugcgaucggagacgucgAgggaaca..... 1
Gi1_4176724_x1...gaucggagacgucgGgggaacacggggg..... 1

Gi2_11282392_x1.....Cacgucgugggaacacggggugccg.....	1
Gi5_8989152_x1.....cggagacgucgugggaacCggggugccga.....	1
G1a_6107658_x1.....cggagacgucgugggaUcacggg.....	1
Gi2_11309510_x1.....aucggagacgucGggga.....	1
G1a_6260743_x1.....cgugggCacacggggugccgaacu.....	1
G1a_6346181_x1.....aucggagUcgucgugggaacacggg.....	1
Gi5_8907719_x1.....aNcacggggugccgaacu.....	1
Gi2_11115538_x1.....aucggUgacgucgugggaacacggggugcc.....	1
G1a_6140352_x1.....gggaacacggggugAcgaacu.....	1
Gi1_4169860_x1.....ggagacgucgugggaacacggggGgccg.....	1
Gi3_28650794_x1.....gggaaGacggggugccgaac.....	1
G1a_6174635_x1.....ucgugggaacacggggGgccgaacu.....	1
Gi1_4347899_x1.....ggaacacggggugccgaacG.....	1
Gi2_11285815_x1.....gagacgucgugggaacacggggCgcc.....	1
Gi3_28970846_x1.....gugggaacacggggugccgaCcuuu.....	1
Gi4_596344_x1...cgauccgagacgucgugggaacacggg.....	0
G1a_6220338_x1.....cggGgacgucgugggaacacggggug.....	1
Gi2_11323507_x1.....agacAucgugggaacacggggug.....	1
Gi3_28332733_x1.....cggagacgucgugggaacCggggugccgaac.....	1
Gi5_9108995_x1.....gugAgaacacggggugccgaa.....	1
Gi5_8966364_x1.....ucgugggaacUcggggugccgaacu.....	1
Gi3_28544314_x1.....gagacgucgugggaacaUggggugc.....	1
Gi4_579113_x1.....cAucgugggaacacggggugcc.....	1
Gi1_4253804_x1.....gaacacggggugccgaGc.....	1
Gi3_28270302_x1.....cgugggaacacggggugcGg.....	1
Gi1_4289869_x1.....cgugggaacacggggugccAa.....	1
Gi2_11283553_x1.....ggagacgucAugggaacacggggg.....	1
Gi5_8901598_x1.....gagacgucgugggaacacAgggugcc.....	1
Gi1_4167894_x1.....cgugggaacacCggggugccgaacu.....	1
G1a_6352813_x1.....cgucgugggaacacggUgugccgaacu.....	1
Gi1_4257841_x1.....ucgugAgaacacggggugccgaac.....	1
Gi3_28758458_x1.....gaacacggggugccAaacuu.....	1
Gi3_28845923_x1.....ucgugggaacGcggggugccgaa.....	1
Gi2_11344725_x1.....cgucgugCgaacacggggugccg.....	1
Gi2_11248778_x1.....cgucgugggaacacggggugccGg.....	1
Gi2_11050307_x1.....cgAagacgucgugggaacacg.....	1
Gi5_8870040_x1.....ucgugggaacacggggUccgaacu.....	1
Gi5_8885573_x1.....agacgucgugggaacacggggugccgaUcu.....	1
Gi5_9012387_x1.....uggUaacacggggugccgaac.....	1
Gi2_11304713_x1.....aucggagacgucgugggaGc.....	1
Gi2_11294547_x1.....aucggagacCucgugggaacacggggugc.....	1
Gi1_4317479_x1.....cgugggaCcacggggugccga.....	1
Gi3_28505872_x1.....acgucgugggaAacggg.....	1
Gi3_28834695_x1.....guUgugggaacacggggugccgaacu.....	1
Gi2_11115858_x1.....gucgugggaacacgggAugcc.....	1
Gi5_9094334_x1...gaucggagacgucgugggaUacgggg.....	1
Gi3_28525340_x1.....ggagGcucgugggaacacgg.....	1

Gi2_11238775_x1...cgUucggagacgucgugggaaacacgggggu..... 1
 Gi2_10995451_x1.....cggagacgucgugggaaUac..... 1
 Gi5_8949251_x1.....gacgAcgugggaaacacggggugccg..... 1
 Gi3_28876506_x1.....gCcgugggaaacacgggggu..... 1
 Gi3_28484062_x1.....ucggagacgucgugggaaacacAgggugcc..... 1
 Gi1_4373741_x1.....ucggagGcgucgugggaaacacggggugcc..... 1
 Gi5_9072563_x1.....gagacgucAugggaacacggggugccgaac..... 1
 Gi2_11230980_x1.....gucgugggaaacAggggugc..... 1
 Gi1_4389094_x1.....gaUcacggggugccgaac..... 1
 Gi5_8871754_x1.....gucgugggaaacacggggugGcgaacu..... 1
 Gi2_11318283_x1.....cAgagacgucgugggaaac..... 1
 Gl1_6255725_x1...gaucggagacgucgCgggaa..... 1
 Gi2_11183516_x1...aucggagacgucgugggaaUcgg..... 1
 Gi3_28344063_x1.....cggagacgCcgugggaaacacggggugccgaacu..... 1
 Gi1_4237793_x1.....ugggaacaAggggugccgaac..... 1
 Gi2_11271456_x1.....agacgucgugggaaacCcggggugccgaacu..... 1
 Gi3_28461471_x1.....aCacgucgugggaaacacgggggu..... 1
 Gi3_28645186_x1.....cgucgugggaaacacgUggugccgaa..... 1
 Gi5_9065795_x1.ugcgauccggagacCucgug..... 1
 Gl1_6022297_x1...aucggagacgucgugggaaacacgUggu..... 1
 Gi1_4210007_x1.....gacgucgugggaaacacgCggugccgaacu..... 1
 Gi1_4278275_x1.....agacgucgCgggaacacggggugcc..... 1
 Gl1_6225477_x1...Agaucggagacgucgugggaa..... 1
 Gi4_576311_x1...aucggagacgucgugggaaGcacgggggu..... 1
 Gi1_4359484_x1.....Agucgugggaaacacggggugcc..... 1
 Gi2_11016549_x1.....acgucgugggaaacacgAgugc..... 1
 Gi2_11150795_x1.....ggagacgucgugggaaacacggggugccgaacA..... 1
 Gi3_28272552_x1.....gacgucgugggaaacacggggugccgaaAu..... 1
 Gl1_6267886_x1...aucAgagacgucgugggaaacacgggg..... 1
 Gi3_28615852_x1.....cggagacgucgugggaaacacgGcugcc..... 1
 Gi3_28914168_x1.....gagacgucNugggaacacggggugccgaac..... 1
 Gi1_4352745_x1.....agacgucgugggCacacggg..... 1
 Gi3_28536161_x1...aucggagacgucgugCgaacacggggugcc..... 1
 Gi2_11067835_x1.....gucgugggUacacggggugcc..... 1
 Gi3_28519658_x1.....cggagacgucgugggaaacacggggugccgaCcu..... 1
 Gi2_11037769_x1.....gagacgucgugggaaacacggggugcAgaacu..... 1
 Gi1_4388622_x1.....cgugggaaacacAgggugccgaa..... 1
 Gi3_28609319_x1.....gucgugggaaacacgUggugcc..... 1
 Gi2_11336807_x1.....cgNcgugggaaacacggggugccga..... 1
 Gi3_28910115_x1...gaucAgagacgucgugggaaac..... 1
 Gi1_4351741_x1.....ggagacgucgugggaaacacAgggugccg..... 1
 Gi2_11117814_x1.....agacgucgugggaaacacggggGgc..... 1
 Gi3_28636792_x1.ugcgauccgNagacgucgugggaaacacggg..... 1
 Gi3_28737263_x1.....aUgucgugggaaacacggggugccga..... 1
 Gi5_8840126_x1.ugcgauccggagacgucgCggga..... 1
 Gi1_4324705_x1.....Cugggaacacggggugccga..... 1
 Gi2_11049427_x1.....cgucgugggaaacacggggugccAaac..... 1

Gi3_28370863_x1...cgauCgagacgucgugggaaacacgg..... 1
Gi5_8950790_x1.....acgucgugggaaacacggggugccgaUc..... 1
Gi3_28277162_x1.....gaNcacggggugccgaac..... 1
Gi5_9009949_x1.....gugggaacacggggugccgaCcuuu..... 1
Gi1_4287872_x1.....Ccgagacgucgugggaaacacggggugcc..... 1
Gi5_8912591_x1.....gCagacgucgugggaaacacggggugccgaacu..... 1
Gi3_28367784_x1.....gucgugggNacacggggugccg..... 1
Gi2_11046776_x1.....ggagacgucgugggaaacacggggUa..... 1
Gi2_11111970_x1.....gagacgucgGgggaacacggggugcc..... 1
Gi3_28946482_x1.....acgucgGgggaacacggggugccga..... 1
Gi3_28278938_x1.....aucggagacgucgugggaaacacggggGg..... 1
Gi2_11305659_x1.....aucggagacgucgugggaaacacggGguc..... 1
Gi5_8921649_x1.....cgucgugggaaacacggggugccgC..... 1
Gi2_11010536_x1...cgauCggagacgucgugAgaacacggg..... 1
Gi2_11343422_x1.....gagacgucgugggaaacacggggugccU..... 1
G1a_6228580_x1.....gugggaacacggggAgccga..... 1
Gi3_28395315_x1.....gucgugggaaacacgggCugccga..... 1
Gi3_28296902_x1.....ggaacacgggAugccgaa..... 1
Gi5_9118463_x1.....gugggaacacggggugccgaacuucU..... 1
Gi1_4201007_x1.....gugggaacaAggggugccgaacu..... 1
Gi4_579560_x1.....gAcgugggaaacacggggugccgaacu..... 1
Gi5_9026751_x1.....cggagacgNcgugggaaacag..... 1
Gi1_4377469_x1.....aucggagacgucgugggGcacggggugc..... 1
Gi5_8978347_x1.....gugNgaacacggggugccgaac..... 1
Gi1_4353662_x1.....ucgugggaaNcacggggugccga..... 1
Gi3_28701033_x1.....ucgugggaaacacggggUacc..... 1
Gi4_581968_x1.....ugggUacacggggugccgaacu..... 1
Gi2_11101820_x1.....gagacUucgugggaaacacggggugccgaac..... 1
G1a_6104325_x1.....Gggagacgucgugggaaacacggggug..... 1
Gi2_11288922_x1.....aucggagacguUgugggaaacacggg..... 1
Gi5_9042728_x1.....Ugugggaaacacggggugccg..... 1
Gi5_9028734_x1.....agacgucgugggaaacacggggC..... 1
Gi5_9133202_x1.....aucggagaAgucgugggaaacag..... 1
Gi1_4296549_x1.....ugggaacacggggugccgG..... 1
Gi2_11149660_x1.....cgucgugggUacacggggugccgaacu..... 1
G1a_6010336_x1.....Cugggaacacggggugccgaa..... 1
Gi3_28962588_x1.....gUacacggggugccgaacu..... 1
Gi5_9001834_x1.....acgucgugggGcacggggugcc..... 1
Gi2_11396301_x1.....aUacgucgugggaaacacggggugccgaa..... 1
Gi3_28390360_x1.....gacNucgugggaaacacggggugccgaac..... 1
Gi5_9120656_x1.....gaCcacggggugccgaac..... 1
Gi1_4212620_x1.....acgucgugggaaacacggggugccAaacuu..... 1
Gi3_28419620_x1.....agacgucgugggUacacggggugccgaacu..... 1
Gi1_4357332_x1.....ucggagGcucgugggaaacacggg..... 1
Gi2_11395899_x1.....ucggagacgucgugggGcacacggggU..... 1
Gi5_8901159_x1.....gucgugggaaacacggggugccgCac..... 1
G1a_6004252_x1.uCcgauCggagacgucgugggaa..... 1

Gi1_4212425_x1	.....uggaacacggCgugccgaac	1
Gi5_8993553_x1	.....acgucguggaacacgAggugccga	1
Gi1_4199754_x1	.....cggagacgucguggaGca	1
Gi1_4389112_x1	.....gacgucguggCacacgggugccgaac	1
Gi2_11049929_x1	.....ucguggaacacggCgugccgaac	1
Gi5_9013684_x1	.....ggagacguNguggaaca	1
Gi2_10995035_x1	.....acacgggugccgaacuu	0
Gi5_9085140_x1	.....gaNcggagacgucguggaacacgggugc	1
Gi3_28387725_x1	.....Ggacgucguggaacacgggugccgaa	1
G1a_6267144_x1	.....gggCacacgggugccgaa	1
Gi3_28283830_x1	.....ucguAggaacacgggugcc	1
Gi1_4200769_x1	.....ggaacacgCggugccgaacu	1
Gi5_8951174_x1	.....aucggagacgucguggCacacggggu	1
Gi1_4353970_x1	.....ggaacacgggAugccgaa	1
G1a_6293632_x1	.....aucggagacgCcguggaacacggggu	1
Gi1_4230356_x1	.....uggaacacgggugccgaCcuu	1
Gi5_9080605_x1	.....ggaacacgggCugccgaac	1
Gi1_4180935_x1	.....agacgucguggaacacAgg	1
G1a_6228389_x1	.....aucggagacgucguggUacacgggug	1
G1a_5996251_x1	.....aUcacgggugccgaacu	1
Gi2_11117672_x1	.....gcaucggagacgucguggaacGc	1
Gi3_28550286_x1	.....uggaaAacgggugccg	1
Gi2_11376716_x1	.....cgucguAggaacacgggugccgaac	1
Gi3_28684587_x1	.....ucguCggaacacgggugccgaa	1
Gi2_11093380_x1	.....uggaacUcgggugccg	1
Gi1_4182043_x1	.....gacguUguggaacacgggugccgaacu	1
Gi5_9022941_x1	.....cgCgggaacacgggugccg	1
Gi3_28721043_x1	.....ucggagacgucguggCacacgg	1
Gi5_8898858_x1	.....cggagacgucgCgggaacacgg	1
Gi2_11154505_x1	.....ucggagacgucguggaacacgggGgc	1
Gi3_28776890_x1	.....cggagacgucgGgggaacacgggugc	1
Gi2_11162846_x1	.....cggagacgucguggaacacUggggu	1
Gi2_11377828_x1	.....uUggagacgucguggaacacggggu	1
Gi3_28913129_x1	.....gugggaUcacgggugccgaa	1
Gi3_28450023_x1	.....ucgugggaUcacgggugccgaac	1
Gi5_8901062_x1	.....gugggaacacgggugccgaGcuuu	1
Gi5_8919435_x1	.....ucggagacgucgGgggaacacg	1
Gi1_4185100_x1	.....gacgCguguggaacacgggugccgaacu	1
Gi2_11379577_x1	.....gaucggagacgucguggaacacggAg	1
Gi2_11085992_x1	.....uggaacacgggugccgaacuA	1
Gi3_28926728_x1	.....agacgucguggGacacggggu	1
Gi1_4321439_x1	.....Cgagacgucguggaacacgggugccg	1
Gi3_28310555_x1	.....cgUucggagacgucguggaacacgggugcc	1
G1a_6154411_x1	.....ucggagacgucguggCacacggggu	1
Gi5_9065802_x1	.....uggaacacgggCgccaacu	1
Gi3_28371975_x1	.....cggaUacgucguggaacacggg	1
Gi3_28732886_x1	.....gaucggagacgucguggGacacgg	1

Gi5_8848723_x1.....guggaacaacggggugAcgaacuu.....	1
Gi2_11149992_x1.....cgucgugggaacCcggggugccgaa.....	1
Gi1_4267719_x1.....acgucgugggaacacggggugccgG.....	1
Gi3_28529042_x1.....cggagacgucgugggaacacggggugGc.....	1
Gi3_28366023_x1.....aucggagaNgucgugggaacacggggugccgaac.....	1
Gl1a_6310935_x1.....acgucgugNgaacacggggugccgaacu.....	1
Gi4_581821_x1..cgaucggagacgucgugggaacacg.....	0
Gi2_11293961_x1..gcgaucggagacgucCuggga.....	1
Gi5_9122136_x1.....ggagacgucgugggUacacggggugccgaac.....	1
Gi3_28944585_x1.....gagacgucgugggaacacggggugccgCac.....	1
Gi5_9136098_x1.....gucgugggaacacggggCgcccgaac.....	1
Gi1_4265337_x1.....cgucgugggaacacggggugcA.....	1
Gi3_28863567_x1...gaucCgagacgucgugggaacacggg.....	1
Gi3_28984405_x1.....gggaacacCgggugccga.....	1
Gi1_4370999_x1.....ugggGacacggggugccgaacuu.....	1
Gi2_11122216_x1.....ucgugggaacacgggUugccgaacu.....	1
Gi1_4202225_x1.....ggagacgucgugggaacacggggA.....	1
Gi2_11186675_x1.....guAgugggaacacggggugc.....	1
Gi5_9031850_x1.....gucgugggaacCcggggugc.....	1
Gi3_28582264_x1.....ggagacgucgugggGacacggggugccgaacu.....	1
Gl1a_6264754_x1.....gaacacggAgugccgaacu.....	1
Gi2_11134096_x1.....cgucgugggaacacggggugccgaaA.....	1
Gi2_11098890_x1...gaucggagacgucguggCa.....	1
Gl1a_6194097_x1.....aacacgAggugccgaacu.....	1
Gi2_11359988_x1.....aucggagacgucguggCaacacggggug.....	1
Gi5_8842613_x1.....aucggagaNgucgugggaacacggggugcc.....	1
Gi3_28698219_x1.....ucggagacgucgCgggaacacg.....	1
Gi1_4186002_x1.....cggagacgucgugggaacacggggAgcc.....	1
Gi2_11123841_x1..Acgaucggagacgucgugggaacacgg.....	1
Gi5_8928931_x1.....aucggagacCucgugggaacac.....	1
Gi1_4225664_x1..gcgaucggNgacgucgugggaaca.....	1
Gi5_8880969_x1...gaucggagacgucgugggaaAacggggg.....	1
Gi4_600211_x1.....ucgugggaacacggggugccgGacu.....	1
Gi3_28595566_x1.....cGagacgucgugggaacacggggugc.....	1
Gi3_28271374_x1....auGggagacgucgugggaacac.....	1
Gi3_28593955_x1...gaucggagacgucguggG.....	1
Gi3_28358968_x1.....cgucguggUaacacggggugccgaacu.....	1
Gi2_11089030_x1.....gucgugggGacacggggg.....	1
Gi2_11227566_x1.....cgucgugggaacCcggggugccgaac.....	1
Gi1_4160997_x1.....ggagacgucgugggaacacggggugcU.....	1
Gi5_8892493_x1.....cgucgugggaacaUggggugc.....	1
Gi3_28685726_x1.....ggagacgucgugggaacCcgggg.....	1
Gi3_28685508_x1.....gugggaUcacggggugccg.....	1
Gi3_28341371_x1.....ucggUgacgucgugggaacacg.....	1
Gi3_28674912_x1.....cgGcgugggaacacggggug.....	1
Gl1a_6167777_x1.....ggaacacggggugccgaa.....	0
Gl1a_5985725_x1....aCcgagacgucgugggaacacg.....	1

Gi1_4243622_x1.....ucgAagacgucgugggaacacggg..... 1
Gi5_8916538_x1.....ggagacgucgugggaGca..... 1
Gi3_28708404_x1.....cgucgugggaacacgggA..... 1
Gi3_28709324_x1.....ucggagacgucguAggaacacggggugccga..... 1
Gi3_28431727_x1.....Uagacgucgugggaacacggggugc..... 1
Gi3_28882733_x1.....gacgucgugggaacacgAggugccgaac..... 1
Gi2_11258111_x1.....gaucggCgacgucgugggaaca..... 1
Gi2_11002789_x1.....acUucgugggaacacggggugcc..... 1
Gi5_8920118_x1.ugcgauccgagacAucgug..... 1
Gi5_8986576_x1.....agacgucgugggGacacggggg..... 1
Gi3_28613139_x1.....aucggagacgucgGgggaacacgg..... 1
Gi3_28831454_x1.....gucgugggaacacggUGugccgaac..... 1
G1a_6061559_x1.....gugggaaUacggggugcc..... 1
Gi2_11316565_x1.....gagacgucNugggaacacggggugccg..... 1
Gi3_28920180_x1.....aucggagacgucgugggaacaAgg..... 1
Gi1_4315132_x1.....aUacgucgugggaacacggggug..... 1
Gi2_11177349_x1.....gaucggagacguUgugggaacacg..... 1
Gi2_11066590_x1.....acgucgugggaCcacggggugccgaa..... 1
Gi5_9127997_x1.....agacgucgugggaacacgAggugccgaacu..... 1
Gi2_11326366_x1.....uCGgaacacggggugccgaacuu..... 1
Gi2_11192913_x1.....gaucggagacgucgugggCacacgggg..... 1
Gi1_4224402_x1..gcgaCcgagacgucgugggaacacggggugcc..... 1
G1a_6102441_x1.....gucgGgggaacacggggugccgaacu..... 1
Gi5_8958855_x1.....Gcucgugggaacacggggugccgaacuu..... 1
Gi3_28484871_x1.....gGcucgugggaacacggggugc..... 1
Gi5_9002715_x1.....acgucAugggaacacggggugccgaac..... 1
Gi3_28362740_x1.....gacgucgugggaGacggggugcc..... 1
Gi2_11363769_x1.....ggagacgucgugggaacacggg..... 0
Gi4_598628_x1.....ucgugggaacacggggugccgaaAu..... 1
Gi1_4310333_x1.....ucggagacgucgugggaacacggggugccgaCcu..... 1
Gi2_11184356_x1..Naucggagacgucgugggaacacgggg..... 1
Gi3_28621897_x1.....cgugggaacacggggugGcga..... 1
G1a_6219202_x1.....ggaacacgUggugccgaacu..... 1
Gi3_28764172_x1.....acacggggugcAgaacuu..... 1
G1a_6065618_x1.....gggaacacggggugccgCac..... 1
Gi3_28734763_x1.....aucggagacgucguCggaacacggggugcc..... 1
Gi3_28545922_x1..cgauccgagacgucguggA..... 1
Gi1_4198265_x1.....ggaacacggggugUcgaac..... 1
Gi5_8989656_x1.....cggagacgNcgugggaacacggg..... 1
Gi1_4229685_x1.....gaucggagacgAcguggga..... 1
Gi3_28611007_x1.....ucgugggaacaUggggugccgaa..... 1
Gi2_11227110_x1.....gaucggagGcucgugggaaca..... 1
Gi5_8918902_x1.....Gucggagacgucgugggaacacggggugc..... 1
Gi5_9052335_x1.....aucggagacgucgugggaacGcggggg..... 1
Gi3_28817096_x1..gNucggagacgucgugggaacacgggg..... 1
G1a_5994533_x1.....cgugggaaUacggggugcc..... 1
Gi3_28753298_x1.....Cagacgucgugggaacacggggugccga..... 1

Gi5_9075514_x1.....cgucgugggaacacggggCgcc.....	1
Gi1_4296039_x1.....ucggagCcgucgugggaacacg.....	1
Gi3_28983947_x1.....cgNgggaacacggggugccg.....	1
Gi2_11243256_x1.....cgugggaacacggggugGcg.....	1
Gi5_8942592_x1.....gagacgCcgugggaacacggggugccgaacu.....	1
Gi2_11221812_x1.....cgugggaacacggggugccCa.....	1
Gi2_11220667_x1.....ucgugggaacCggggugcc.....	1
Gi5_9063163_x1.....gagacgucgugggaacacggggugccga.....	0
Gi5_9052491_x1.....gggaacacgggAugccgaa.....	1
Gi2_11080532_x1.....gucNugggaacacggggugcc.....	1
Gi1_4194444_x1.....gaUacgucgugggaacacggggugccgaac.....	1
Gi3_28915272_x1.....gucgugggaacacggAgugccgaa.....	1
Gi2_11377321_x1.....gucgugAgaacacggggugcc.....	1
G1a_6066440_x1...gaucggagacAucgugggaacacggggg.....	1
Gi2_11052966_x1.....cgugggaacUcggggugc.....	1
G1a_6273551_x1...gaucggagacgucgugggaacacAgg.....	1
Gi1_4385542_x1.....ugggaacacggggugGcgaacu.....	1
Gi5_9057956_x1.....Ucgcgugggaacacggggugcc.....	1
Gi2_11081520_x1.....cgugggaacacUgggugccga.....	1
Gi2_11098686_x1.....acgCcgugggaacacggggugc.....	1
Gi1_4218111_x1.....ugggaacGcggggugccgaacu.....	1
Gi3_28282999_x1.....cgucguggCaacacggggugccgaa.....	1
G1a_6023048_x1...aucggagacgucgugggaacGacgg.....	1
Gi3_28386764_x1...gCucggagacgucgugggaacacgggg.....	1
Gi5_9094470_x1...gauUggagacgucgugggaacacgg.....	1
Gi3_28282448_x1.....cggagacgucgGgggaacacggggugccga.....	1
Gi2_11178993_x1.....ucggagacguUgugggaacacgggg.....	1
Gi3_28923617_x1.....ggaacacgCggugccgaac.....	1
Gi2_11266148_x1...cgaucggagacgucgugggaaUacggggug.....	1
Gi3_28469301_x1...gaucggagacgucgugggaaUacggggug.....	1
Gi2_11377300_x1.....guggCaacacggggugccgaa.....	1
Gi3_28884493_x1.....gagacgucgugggaCcacgggugccgaac.....	1
Gi5_8830987_x1.....cgucgugggaacCggggugccgaa.....	1
Gi3_28261837_x1...aucggaAacgucgugggaacac.....	1
Gi3_28657938_x1.....agacgucgugggaacaAggggugccgaac.....	1
Gi3_28942390_x1.....guUgugggaacacggggugccg.....	1
G1a_6354139_x1...gaucggagacgucgCgggaacacg.....	1
Gi5_9002070_x1.....gacgucgugggaacacggggugccgaaGu.....	1
G1a_6032606_x1.....gugggaacacggAgugcc.....	1
Gi4_580071_x1.....agacgucgugggaGcacggggugcc.....	1
Gi2_11114016_x1...aucggagacgucguUggaacacgggg.....	1
Gi3_28678342_x1...gaucggagacgCcgugggaac.....	1
Gi2_11371211_x1...aucggagacguUgugggaaca.....	1
Gi2_11047973_x1.....cacggggugccgaacuuu.....	0
G1a_6133257_x1.....gugggaacCggggugccga.....	1
Gi5_8884807_x1.....cgGcuggggaacacggggugcc.....	1
G1a_6239717_x1...ggagacgucgugggaacacggggGgcc.....	1

Gi3_28682920_x1.....cgucgugggaacacggggugccUaac..... 1
Gi5_8838329_x1.....ucgugggaacacUgggugccgaac..... 1
Gi5_9085734_x1.ugcgauccggGgacgucguggg..... 1
Gi3_28727375_x1...gUucggagacgucguggggaacacgg..... 1
Gi3_28508747_x1.....gaUacgucgugggaacacggggugcc..... 1
Gi5_8846803_x1.....agUcgucgugggaacacggggugccga..... 1
Gi5_9132143_x1.....gugggaacacggggugUcg..... 1
Gi1_4189844_x1.....ucgugggUacacggggugccgaac..... 1
Gi5_9061018_x1.....gagacgucgugggaaUacggggugcc..... 1
Gi5_9137869_x1.....cgucgCgggaacacggggugccga..... 1
Gi1_4386832_x1.....cgugggaacacggUgugccgaacu..... 1
Gi3_28412574_x1...cgauccggagacguAguggg..... 1
Gi1_4301727_x1.....gGgggaacacggggugccgaa..... 1
Gi1_4286095_x1.....ggagacgucgugggaUacggggugcc..... 1
Gi3_28643295_x1.....ucgugggaacacggggUcccgaac..... 1
Gi1_4195261_x1.....ggaNcacggggugccgaacu..... 1
Gi3_28562618_x1.....cggagacgucgugggaacacggggugccgU..... 1
Gi1_4309413_x1.....ucgugggaacacggAgugcc..... 1
Gi2_11049566_x1.....ggagGcgucgugggaacacggggugccga..... 1
Gi2_11304503_x1...gaucggagacgucguggggaacacgggCu..... 1
Gi2_11396022_x1.....agacgucguggAaacacggggugccgaacu..... 1
Gi3_28665898_x1.....aucggagacgucguggCaacac..... 1
G1a_6319371_x1...gaucggagNcgucgugggaacacgg..... 1
Gi2_11026953_x1.....Ugucgugggaacacggggugc..... 1
G1a_6277796_x1.....gacAucgugggaacacggggugccgaacu..... 1
G1a_6296126_x1...Gucggagacgucgugggaacacggggug..... 1
G1a_6354557_x1...aucggagacgucgugggUacacggggugcc..... 1
G1a_6080479_x1...aucggagacgCcgugggaacacggg..... 1
Gi2_11096584_x1.....agacgucgugggaacacggCgugccgaacu..... 1
Gi2_11274013_x1.....gagGcgucgugggaacacggggugcc..... 1
Gi3_28884445_x1...gaucgAagacgucguggga..... 1
Gi1_4171532_x1.....cgugggaaNacggggugccgaa..... 1
Gi3_28905800_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
Gi2_11216679_x1.....ggagacgucgugggaacacggggugGc..... 1
Gi3_28966487_x1...aucggagacgucgugggC..... 1
Gi2_10992763_x1...cgauccggaAacgucguggga..... 1
Gi1_4272561_x1.ugcgaCcgagacgucguggga..... 1
Gi2_11205191_x1cugcgauNagacgucgugggaacac..... 1
Gi2_11182627_x1.....cgugggUacacggggugcc..... 1
Gi3_28808487_x1...gaucgAagacgucgugggaacacggggugcc..... 1
Gi2_11043145_x1.....gugggaCcacggggugccg..... 1
G1a_6113405_x1...aucggagUcgucguggga..... 1
Gi3_28266750_x1...cgauccggagacgucgugggaCcacggggugc..... 1
Gi2_11313935_x1.....guCggaacacggggugccga..... 1
Gi2_11244373_x1.....cgugggaacacgggCugc..... 1
Gi1_4214702_x1.....gggaacacggggugccgCacuu..... 1
G1a_6178726_x1...Caucggagacgucgugggaacacggg..... 1

Gi3_28693973_x1.....agacgucgugggaacacgggAugcc..... 1
 Gi3_28855034_x1....gaCcgagacgucgugggaacacggg..... 1
 Gi1_4204723_x1.....ggaacacgggAugccgaac..... 1
 Gl1_6309915_x1.....gAagacgucgugggaacac..... 1
 Gi1_4353009_x1.....ggaacacggggugccAaacuu..... 1
 Gi3_28421892_x1.....cgugggaacacgggguUcc..... 1
 Gi5_8938603_x1.....acgucgCgggaacacggggugccga..... 1
 Gi3_28323001_x1.....ucgugggaacacggggCg..... 1
 Gi3_28451035_x1....aucggagaGgucgugggaacacggg..... 1
 Gi5_8982859_x1....aAcggagacgucgugggaacacg..... 1
 Gi3_28640773_x1.gcgauccgCgacgucgugggaac..... 1
 Gi5_8834795_x1.....caUggggugccgaacuuu..... 1
 Gi3_28496355_x1.....cgucgugAgaacacggg..... 1
 Gi5_8868039_x1.....acgucgGgggaacacggggugccg..... 1
 Gi1_4220550_x1.....uCggaacacggggugccg..... 1
 Gi1_4319560_x1.ugcgauccgagacguAguggga..... 1
 Gi5_8942100_x1....aucggagaUgucgugggaacacggggugc..... 1
 Gi3_28749840_x1.....agGcgucgugggaacacggg..... 1
 Gi3_28641239_x1....gaucgAagacgucgugggaacacg..... 1
 Gi1_4374172_x1.....Ugugggaacacggggugccgaa..... 1
 Gi2_11101105_x1.....cggagacgucgugggaacUc..... 1
 Gi2_11066836_x1.....ucCugggaacacggggugccgaac..... 1
 Gi2_11334057_x1.....acgucgugggaacacggggUac..... 1
 Gi3_28316642_x1....gauGggagacgucgugggaacacggggu..... 1
 Gl1_6050312_x1.....gggaacacggggGgccgaac..... 1
 Gi1_4357092_x1.....cgucgugggaacacggggugcGgaacu..... 1
 Gi2_11075460_x1.....cgugggUacacggggugccga..... 1
 Gi3_28383594_x1.....gucUugggaacacggggugccgaacu..... 1
 Gi5_8859094_x1....aAcggagacgucgugggaacacggggu..... 1
 Gi3_28439009_x1....auAggagacgucgugggaac..... 1
 Gi3_28376670_x1.....gucgugggaacacggggugcUga..... 1
 Gi1_4233384_x1.....cguUggaacacggggugccgaac..... 1
 Gi2_11337136_x1....gaucggagacgucgugggUacacggg..... 1
 Gl1_6286137_x1.....Agagacgucgugggaacacggggu..... 1
 Gi3_28723983_x1.....acgCcgugggaacacggggugccga..... 1
 Gi3_28470174_x1.....acgucgugggaacacgggCugccgaacu..... 1
 Gi3_28639240_x1....aCcgagacgucguggga..... 1
 Gl1_6017874_x1.....gugggaacacgggAugccgaac..... 1
 Gi3_28423613_x1.....gCcgugggaacacggggugccgaa..... 1
 Gi2_11392362_x1.....cgucgugggaacacCgggugcc..... 1
 Gl1_6105516_x1.....ugggaacacggUgugccgaacu..... 1
 Gi3_28358481_x1.....cgucgugUgaacacggggugccgaac..... 1
 Gi3_28626442_x1.....gucgugggaacacggggUccgaacu..... 1
 Gl1_6240322_x1....gaAcggagacgucgugggaacacggggug..... 1
 Gi2_11383022_x1.....ggagacgucgugggGacacggggugccga..... 1
 Gi2_11050836_x1.....cgucgugggaacacggggUacc..... 1
 Gi5_8864756_x1.....cgugggaacacggggugccgaacuuu..... 0

Gi5_8852407_x1.....guggAaacacggggugccg..... 1
Gi2_11141086_x1.....gCagacgucgugggaacacggggugc..... 1
Gi5_9109384_x1....aucggagacgucgugggaacGcggggugc..... 1
Gi2_11279985_x1.ugcgaucggagCcgucguggga..... 1
Gi3_28352131_x1....aucgAagacgucgugggaacacggggugcc..... 1
Gi5_9002749_x1.....agacgCcgugggaacacggggugcc..... 1
Gi1_4387461_x1.....ucgugggaacacggggugcU..... 1
Gi1_4255511_x1.....gugggCacacggggugccgaacu..... 1
Gi2_11140796_x1...Caucggagacgucgugggaac..... 1
G1a_6256606_x1...gaucggagaUgucgugggaacacggg..... 1
G1a_6096799_x1....aucggGgacgucgugggaacacggggug..... 1
Gi5_9117987_x1.....cggagacgucguggAaacacggggugcc..... 1
Gi4_573194_x1.....gggaacacggggGgccgaac..... 1
Gi5_9093918_x1.....acgucgugggaacacggCgugccgaacu..... 1
Gi3_28544087_x1...gaucggagacgucguAggaacacgggg..... 1
Gi3_28305390_x1...gaucUgagacgucgugggaacacgggg..... 1
Gi3_28329246_x1.....gagacgucguggUacacg..... 1
G1a_6048821_x1...gaucggagacguGgugggaacacggg..... 1
Gi2_11051109_x1.....acgucgugggaacacAgggugccgaac..... 1
Gi1_4251096_x1.....ugggaacacggggugccgaCc..... 1
Gi2_11396992_x1.....Uagacgucgugggaacacg..... 1
Gi3_28773605_x1.....ucgugggaacacggggAgccgaa..... 1
Gi3_28802363_x1.....Acgugggaacacggggugccgaa..... 1
Gi1_4358823_x1.ugcgaucggagacgucgugggG..... 1
Gi3_28688954_x1....aucggagacgucgugggaacUcg..... 1
Gi2_11081759_x1.....ucguggAaacacggggugcc..... 1
Gi1_4236708_x1.....cgucgugggaacacAgggugc..... 1
Gi2_11340820_x1.....Cgagacgucgugggaacacgggg..... 1
Gi2_11196410_x1.....Aacgucgugggaacacggggugccgaac..... 1
Gi2_11337680_x1...cgaCcgagacgucgugggaaca..... 1
Gi1_4294699_x1.....gugggaacacggggugAcg..... 1
Gi2_11283134_x1.....cguGgugggaacacggggugccgaacu..... 1
Gi2_11327067_x1.....acgucgugggaacacggggUc..... 1
Gi2_11181534_x1.....ggCaacacggggugccgaac..... 1
G1a_5990736_x1...Uaucggagacgucgugggaacacgggg..... 1
Gi1_4325097_x1.....acgucgugNgaacacggggugccg..... 1
Gi3_28591313_x1.....gucgugggGacacggggugccg..... 1
Gi3_28317941_x1.....agacgucgugggaGcacgggg..... 1
Gi1_4328034_x1.....gagGcugcugugggaacacggggugccgaacu..... 1
Gi3_28951396_x1...gaucggagacgucgugggGacacggggug..... 1
Gi2_11345048_x1.....cgucgugCgaacacggggug..... 1
Gi5_8922883_x1.....agacgucgugggaacacggggCgcc..... 1
Gi5_8830799_x1.....aaUacggggugccgaacuuu..... 1
Gi1_4233892_x1.....gCcgugggaacacggggugccgaac..... 1
G1a_6269880_x1.ugcgaucggagacgucgugggaacacggggG..... 1
Gi3_28312571_x1.....ggagacgucgugggaacacggc..... 1
Gi5_8940460_x1....aucggagacgucgugggaGca..... 1

Gi3_28323104_x1.....cgucgugggGacacggggu..... 1
Gi2_11269920_x1.....ucggagacgucgugggaacacUgggugc..... 1
Gi2_11380780_x1.....gucgugggaacacggggAgcc..... 1
G1a_6198867_x1.ugcgauccgagGgucgugggaacac..... 1
Gi5_8930543_x1.....ucggagacgucAugggaacacg..... 1
Gi1_4170323_x1.....gugggaaUacggggugccgaacuu..... 1
Gi3_28834777_x1.....gacgucgugggaacacggAgu..... 1
Gi3_28691979_x1.....gagGcgucgugggaacacggggugccga..... 1
Gi1_4328951_x1.....acgucgugggaacacgAggugcc..... 1
G1a_6359702_x1.....cgugggaacacgAggugcc..... 1
Gi2_10995824_x1.....gagacgucgugggaacacggggugccgaGcu..... 1
Gi1_4377348_x1.....acgucgugggaacGcggggugccg..... 1
Gi3_28314915_x1.....ucgugggCacacggggugc..... 1
Gi1_4226117_x1.....gacgucgugggaacacggggugcA..... 1
Gi3_28898451_x1.....cggagacgucgugggaacacggCgu..... 1
Gi1_4308148_x1.....Aagacgucgugggaacacggggugcc..... 1
Gi1_4196822_x1.....cggGgacgucgugggaacacggggugccgaacu..... 1
Gi5_9091988_x1.....aucggagacgucgugggaUcacggg..... 1
Gi3_28757754_x1.....agacgucgugggaacacggA..... 1
Gi2_11051578_x1.....aucggagacgucAgggaacacggggu..... 1
Gi3_28406659_x1.....gacgucgugggaacCgggggu..... 1
Gi1_4173509_x1.....cgucgugggaacacggggugcAgaacu..... 1
Gi2_11355927_x1.....cggagGcgucgugggaacacg..... 1
Gi3_28441725_x1..gcgGucggagacgucgug..... 1
Gi2_11365008_x1.....cgucgugUgaacacggggugccg..... 1
Gi1_4356119_x1.....ucggagacgucgugggaGcacggggugc..... 1
Gi2_11095363_x1.....cggagacguGgugggaacacggggugc..... 1
Gi2_11089647_x1.....aucCgagacgucgugggaacacggggugcc..... 1
Gi1_4245204_x1.....Ugucgugggaacacggggugccgaac..... 1
Gi1_4263470_x1.....gggaGcacggggugccgaacuu..... 1
Gi3_28368727_x1.....gagacguUgugggaacacggggugcc..... 1
Gi2_11168202_x1.....gugNgaacacggggugccgaa..... 1
Gi2_11377774_x1.....aucggaCacgucgugggaacacggggug..... 1
Gi5_8885207_x1.....acuuuccagcgccugcugcAcacc..... 1
Gi3_28310791_x1.....Uggagacgucgugggaacacggggugccgaa..... 1
Gi1_4235681_x1.....gagacgucgugggGacacggggugccg..... 1
Gi1_4220624_x1.....ucgugggaacacggggUccgaacu..... 1
Gi3_28291481_x1.ugcgauccgagGcgucgugggaaca..... 1
G1a_6162315_x1.....ucgugggaNcacggggugccgaacu..... 1
Gi2_11116877_x1.....cgucguCggaacacggggugc..... 1
Gi5_9126180_x1.....gugggaacacggggugGcgaacuu..... 1
Gi5_9002969_x1.....gucgugggaGcacggggugccgaac..... 1
Gi4_568442_x1.....cgugggaacacggggugccgCac..... 1
Gi5_8956334_x1.....cgucguggNaacacggggugccgaacuu..... 1
Gi5_9062151_x1.....ugggaacacggggugccgUacu..... 1
Gi2_11244921_x1.....cggagacgucgugggaacacggggAg..... 1
G1a_6223544_x1.....cgugAgaacacggggugccg..... 1

Gi3_28864370_x1.....Agagacgucgugggaacacggggugccga..... 1
Gi3_28389538_x1.....gucgugggaacacgCggugccgaacu..... 1
Gi3_28275135_x1...gaucggaCacgucgugggaacacggg..... 1
Gi1_4334886_x1.....acacggggugccgGacuu..... 1
Gi5_8926581_x1.ugcgUucggagacgucgug..... 1
G1a_6085353_x1....aucggagacgucAugggaacacggggu..... 1
Gi1_4225351_x1.....Aaacacggggugccgaacu..... 1
Gi2_11185723_x1.....cggagacgucGgggaacacggggugccgaac..... 1
Gi2_11013046_x1.....ggagaGgucgugggaacacggggugc..... 1
Gi2_11052282_x1....aucggagacgucgugCgaacacggg..... 1
Gi3_28277164_x1...gauUggagacgucgugggaacacggggug..... 1
Gi2_11399145_x1.....Cgggaacacggggugccgaa..... 1
Gi5_9112394_x1...gaucggagacgucgugggaGcacgg..... 1
Gi2_11344286_x1....cgucgugggaacacgUggugc..... 1
Gi5_8838874_x1.....cgugggaacacgggUugccga..... 1
Gi5_9057239_x1.....gucgugAgaacacggggugccgaa..... 1
Gi2_11265305_x1.....gucgugggaacacUgggugc..... 1
Gi3_28701913_x1....aucgCagacgucgugggaacacggggu..... 1
G1a_6250241_x1.....ggNacacggggugccgaacu..... 1
Gi2_11097759_x1...cgGucggagacgucgugggaacacg..... 1
Gi2_11136356_x1.....acgucgugggaacacggggugccAa..... 1
Gi2_11111627_x1.....gucguggAaacacggggugccga..... 1
G1a_6092977_x1.....gucgugggaaAacggggugccgaacu..... 1
Gi2_11098429_x1.....cggagacgucgugggaacaGggggu..... 1
Gi5_8960443_x1.....aAgucgugggaacacggggugccgaacu..... 1
Gi3_28742554_x1.....agacgucgugggaAaacggggugccgaacu..... 1
Gi1_4349693_x1....uUggagacgucgugggaacacgggggu..... 1
Gi5_8893036_x1.....Agugggaacacggggugccga..... 1
Gi2_11121042_x1.....acgucgugggaacCggg..... 1
Gi5_9012931_x1.....cacggggugccgaCcuuu..... 1
Gi3_28666495_x1.....cgucgugggaacacgCggugcc..... 1
Gi3_28388970_x1.....cgucgugggaGacggggugccga..... 1
Gi5_8991968_x1.ugcgUucggagacgucguggga..... 1
Gi2_11249860_x1.....Cagacgucgugggaacacggggugcc..... 1
Gi5_8989045_x1.....gaacacggggugccgUac..... 1
Gi3_28969334_x1...gaucggagacguUgugggaacac..... 1
G1a_6095384_x1...gaucggagaGgucgugggaacacggg..... 1
Gi5_8892423_x1.....gugggaacaAggggugccg..... 1
Gi2_11065201_x1.....cggagacgucgugggCacac..... 1
Gi1_4292600_x1.....ucgugggaGcacggggugccg..... 1
Gi5_8970245_x1.....ugggaacacUgggugccgaac..... 1
Gi5_9073329_x1....aucggCgacgucgugggaacacgg..... 1
Gi2_11368314_x1.....gagacgucguggAaacacggggugcc..... 1
G1a_6286601_x1.....aacaGggggugccgaacu..... 1
Gi3_28376061_x1.....gNgggaacacggggugccg..... 1
G1a_6074248_x1...gUucggagacgucguggga..... 1
Gi5_8859712_x1.....ggaacacggggugcGgaac..... 1

Gi2_11227067_x1.....ucggagacgucGgggaac..... 1
 Gi3_28380579_x1.....cgucguggaacaacCgggugccgaac..... 1
 Gi3_28564493_x1.....aucggagacgucGgggaacacggggugcc..... 1
 Gi1_4333061_x1.....aacacgggUugccgaacu..... 1
 Gi3_28665445_x1.....gucguggaacaacCgggugccgaac..... 1
 Gi2_11245380_x1.....guggaacaacggggCgccgaacu..... 1
 Gl1a_6224222_x1.....guggaacaacggUgugcc..... 1
 Gl1a_6112209_x1..gcgaucggNgacgucgug..... 1
 Gi2_11145386_x1.....agacgucguggaacaAggggugccgaac..... 1
 Gi1_4316718_x1...gaucggGgacgucguggaa..... 1
 Gi1_4281922_x1.....guggaacaacggggGgccga..... 1
 Gi2_11150213_x1.....cgucguggaacaAggggugccga..... 1
 Gl1a_6311891_x1.....guggaacaacggggugccgaG..... 1
 Gi3_28880029_x1.....cgucUugggaacaacggggg..... 1
 Gi1_4318897_x1.....gaacacUgggugccgaacu..... 1
 Gi5_9110036_x1.....aAgucguggaacaacggggugccgaac..... 1
 Gi2_11355053_x1.....aucggagacgucUugggaacaacggg..... 1
 Gi2_11152408_x1.....ggagacgucguggaacaacggggA..... 1
 Gi1_4376885_x1.....gagacgucguggaacaacggggCgccgaacu..... 1
 Gi1_4363032_x1.....gaacacggggGgccgaacu..... 1
 Gl1a_6273897_x1.....cguAggaacaacggggugc..... 1
 Gi1_4163057_x1.....aucggagacgucguggaacaacCggg..... 1
 Gi2_11049787_x1.....gagacgucguggGacacggggugccgaac..... 1
 Gi3_28681754_x1.....gucgugggaGacggggugccgaac..... 1
 Gi5_9016213_x1..ugcgauccgagacgCcgug..... 1
 Gi3_28575895_x1...gaucggagacUucguggaaca..... 1
 Gi2_11047456_x1.....aucggCgacgucguggaaca..... 1
 Gi3_28846082_x1.....cggagacCucgugggaacaacggggg..... 1
 Gi3_28306602_x1.....cgucgugUgaacaacggggugcc..... 1
 Gi2_11036243_x1.....ggagacgucguggaacaacggAgugcc..... 1
 Gl1a_6043931_x1.....aucggagacgucCugggaacaacggg..... 1
 Gi5_8838964_x1.....aucggagacAucguggaacaacggg..... 1
 Gi3_28438187_x1.....cgucguAggaacaacgggg..... 1
 Gi5_9111071_x1.....gaUacgucguggaacaacggggugccgaacu..... 1
 Gi3_28444518_x1.....ggagacgucguggaacaacggggugccgaGu..... 1
 Gi2_11257228_x1.....aucggagacgucguUggaacaac..... 1
 Gi2_11018557_x1.....ggagacguUguggaacaacggggugccg..... 1
 Gi1_4261436_x1.....gacguUguggaacaacggggugcc..... 1
 Gi2_11020348_x1.....agacgucgCgggaacaacggggugcc..... 1
 Gi2_11403194_x1.....gggaacaacggggugccgU..... 1
 Gi3_28274840_x1.....ucgugggaAaacggggugc..... 1
 Gi2_11092766_x1.....cgucCugggaacaacggggugcc..... 1
 Gi2_11049179_x1.....ggaacaacggggugcUgaa..... 1
 Gi2_11262885_x1.....acguUguggaacaacggg..... 1
 Gi3_28592873_x1.....ucguUggaacaacggggugccgaa..... 1
 Gi3_28685837_x1.....uggaacaacggggugccgaC..... 1
 Gi2_11029496_x1.....cguNguggaacaacggggugccga..... 1

Gi2_11286771_x1...gaucggagacgucguggUaacac..... 1
Gi3_28898609_x1.....acgucgugggaaUacggggugcc..... 1
G1a_6311154_x1...Gucggagacgucguggaacacggggugc..... 1
G1a_6039493_x1.....gugAgaacacggggugccga..... 1
Gi3_28930894_x1.....gacgucgugggaaacaAggggugccgaacu..... 1
Gi3_28505302_x1...cgauccgagacgucgugggGcacg..... 1
Gi2_11339566_x1...cgauccgCgacgucgugg..... 1
G1a_6207866_x1...aucggagacgucgugggaaGacggggugcc..... 1
G11_4282937_x1.....gaacacggggugccgaGcuu..... 1
G11_4278034_x1...aucggagacguUgugggaaacacgggggu..... 1
Gi3_28284230_x1.....agacgucgugggaaacacggggugAcgaac..... 1
Gi2_11246362_x1.....gucguggAaacacggggugc..... 1
Gi3_28272360_x1...ucggagacgucgugggaaCcacggggugcc..... 1
Gi5_9110503_x1.....gacguUgugggaaacacggggugccgaacu..... 1
Gi2_11359900_x1...cggagacgucgugggaaGcacggggug..... 1
Gi5_8953989_x1...cggagacgucgugggaaacCcggg..... 1
Gi5_9071272_x1...Gggagacgucgugggaaacacggggugcc..... 1
G11_4262353_x1.....gagacgucgugggaaacacggggugccgaGcu..... 1
Gi5_9107454_x1...aucggagacgucguCggaaca..... 1
Gi5_9090061_x1.....gugggaaacacggggugcU..... 1
Gi3_28844831_x1...ucgugggCacacggggugccg..... 1
Gi5_9119067_x1...gaucggagacgucgugggCacacgggggu..... 1
G11_4350968_x1...cgucgugggaaacacggggugccgCac..... 1
Gi5_8840899_x1...ggagacgucgugAgaacacggggugccgaacu..... 1
G1a_6219313_x1...gaucggagacgCcguggg..... 1
Gi3_28366884_x1...gucgugggaaacaAggggu..... 1
G11_4344880_x1...acgucgugggaaAacggggugcc..... 1
G11_4274446_x1...ugggCacacggggugccgaacu..... 1
Gi2_11169569_x1...Agugggaaacacggggugccgaa..... 1
Gi5_9079325_x1...cgucgugggaaacGcggggugcc..... 1
Gi3_28747708_x1...gucgugggaaacaAggggugcc..... 1
Gi3_28306897_x1...gaucggagGcugcuguggaac..... 1
Gi3_28628344_x1...aucggagUcgucgugggaaacacgggggu..... 1
Gi2_11094568_x1...ggGacacggggugccgaa..... 1
G11_4290876_x1...aacacggggugccgaaGu..... 1
Gi3_28654801_x1...ggagacgucgugggaaGacgg..... 1
G14_577620_x1...aucggagacgucgCgggaaacacgggg..... 1
Gi2_11269530_x1...gacgucgugggUacacggggugccg..... 1
Gi2_11369715_x1...aucggagacgucgugCga..... 1
Gi2_11268480_x1...ggCgacgucgugggaaacacggggugccg..... 1
G1a_6287046_x1...aucggagaUgucgugggaaacacgg..... 1
Gi5_8865706_x1...ugggaaacacgggAugccgaa..... 1
Gi3_28388768_x1...gaucggagacgucgugggCac..... 1
Gi3_28790512_x1...aucggagacgGcugugggaaacacg..... 1
Gi3_28555076_x1...cggagacgucgugggGacacggggugccgaa..... 1
Gi3_28472402_x1...acgucgCgggaaacacggg..... 1
G1a_6262195_x1...ggaacacggggugccgCac..... 1

Gi1_4315077_x1.....agacgucgugggaCcacggg.....	1
Gi1_4251418_x1.....uggaacacggggCgccgaa.....	1
Gi2_11051408_x1.....aucggagacgucCugggaacacggg.....	1
Gi2_11277633_x1.....gacgGcgugggaacacggggugc.....	1
Gi2_11139442_x1.....cgugggaacacggggugGcga.....	1
Gi3_28360987_x1.....gaacacggggugccgaGcuu.....	1
Gi5_8831284_x1.....aucggUgacgucgugggaacacg.....	1
Gi5_8878051_x1.....cgugggaacaAggggugcc.....	1
Gi3_28659872_x1.....cggagacgucgugggaacGcgggg.....	1
Gi2_11150570_x1.....cgauccgagacgucgugCgaacacggg.....	1
Gi5_8994048_x1.....acgucgugggaacacggggugGcgaacu.....	1
Gi5_9056333_x1.....cgucgugggaacacggggugccgaGc.....	1
Gi1_4297033_x1.....ugAgaacacggggugccgaac.....	1
Gi3_28282095_x1.....cgauccAgagacgucguggg.....	1
G1a_5991808_x1.....acgucgugggaGcacgggggu.....	1
Gi3_28601072_x1.....cgucgugggaCcacgggg.....	1
G1a_6100032_x1.....aucggagacgucgugggaGcacgg.....	1
Gi1_4300663_x1.....ggagacgucgugggaacacggggugAc.....	1
Gi2_11065301_x1.....gggaacaUggggugccgaa.....	1
Gi2_11346812_x1.....acgucgCgggaacacgggggu.....	1
Gi3_28437607_x1.....ggagGcgucgugggaacacgggg.....	1
G1a_6081477_x1.....Uucggagacgucgugggaacacggg.....	1
G1a_6226971_x1.....aucggagacAucgugggaacacg.....	1
Gi5_9071434_x1.....Uggaacacggggugccgaacuuu.....	1
Gi3_28926760_x1.....aucggagGcgucgugggaacacggggugccg.....	1
Gi5_9137800_x1.....acgCcgugggaacacggggugcc.....	1
Gi2_11022717_x1.....acgucgugCgaacacggggugcc.....	1
Gi2_11198485_x1.....aucggagGcgucguggga.....	1
Gi3_28575365_x1.....cgucgAgggaacacggggugccg.....	1
Gi1_4381741_x1.....uggaacacggggAgccgaac.....	1
Gi3_28911306_x1.....ucguAggaacacggggugccga.....	1
Gi2_11091014_x1.....gacgucgugggaacGcggggugcc.....	1
Gi2_11133825_x1.....cguggCaacacggggugccgaac.....	1
Gi2_11317960_x1.....aucggagacguAgugggaacacggg.....	1
Gi2_11254872_x1.....gucgugggaaAacggggugccga.....	1
Gi5_9052480_x1.....gucguggUaacacggggugccgaacu.....	1
Gi1_4382999_x1.....cggagacgucgugggaacacgggUugcc.....	1
Gi5_8912359_x1.....gagacgucgugggUacacg.....	1
Gi5_9121618_x1.....acgucgugggaacacgUggugccgaacu.....	1
Gi3_28271475_x1.....cAaucggagacgucgugggaacacggg.....	1
Gi1_4329871_x1.....ggagacgucgugggaacac.....	0
G1a_6343640_x1.....gacgucgugggaacacgAggugccgaacu.....	1
G1a_6350341_x1.....ggUaacacggggugccgaac.....	1
Gi2_11318735_x1.....gaucggagacAucgugggaacacgggg.....	1
Gi3_28698943_x1.....uggaacacggggugcGg.....	1
G1a_6013865_x1.....ggagacgucgugggaacGcggggugcc.....	1
Gi1_4217692_x1.....cgauccgagacgucgugggaacacg.....	0

Gi2_11287167_x1.....gacgGcgugggaacacggggugccg..... 1
Gi2_11111345_x1.....ugggaacacggggugccU..... 1
Gi3_28624533_x1.....cggagacgucgCgggaacacggggugc..... 1
Gi5_9108470_x1.....ugggaacacggggugccgaCc..... 1
Gi3_28424303_x1.....cggagacgucgugggaacacggggguCccgaacu..... 1
Gi2_10993107_x1.....gaucggagacgucguAggaacacg..... 1
G1a_6216183_x1.....gugggaacacggggugccA..... 1
Gi3_28547828_x1.....cgucgugggaacacggggC..... 1
Gi3_28547849_x1.....acgAcgugggaacacggggugcc..... 1
Gi5_9009872_x1.....gugggaacacggUgugccgaa..... 1
Gi1_4316056_x1.....acgucgugggaacacggggCgcccga..... 1
Gi3_28714802_x1.....ucgugUgaacacggggugc..... 1
Gi5_8891910_x1.....acgucgugggaacacggggguAccgaac..... 1
Gi1_4335477_x1.....aucggaAacgucgugggaacacgggggu..... 1
Gi2_11055295_x1.....agacgucguggAaacacggggugccgaac..... 1
Gi3_28282508_x1.....cgauccgagacgucgGgggaacacggggugc..... 1
Gi3_28801430_x1.....gucguggAaacacggggugccgaacuu..... 1
Gi5_9049121_x1.....gaGcggagacgucgugggaacac..... 1
Gi1_4223059_x1.....cgauccgagacgucgugggaacacggggC..... 1
Gi3_28859105_x1.....gagacgucgugggaGcacggggugccgaac..... 1
Gi3_28423845_x1.....gAcgugggaacacggggugccg..... 1
Gi3_28649462_x1.....cgugCgaacacggggugccgaa..... 1
Gi3_28409995_x1.....cguUgugggaacacggggugccgaa..... 1
Gi3_28418216_x1.....cggagacgucgugggaacCcggggugccg..... 1
Gi5_8913835_x1.....agacgucgugggaacaUggggugccgaac..... 1
Gi4_576295_x1.....cgucgugCgaacacggggugccga..... 1
Gi2_11088272_x1.....guAgugggaacacggggugccgaacu..... 1
Gi1_4255711_x1.....gucgugggaacacgUggugccgaacu..... 1
Gi5_9131724_x1.....cgucgugUgaacacggggugccgaacu..... 1
Gi3_28913769_x1.....ggGgacgucgugggaacacggggugccgaa..... 1
Gi1_4176367_x1.....ucgugggaacacgAggugcc..... 1
Gi3_28903472_x1.....cggagacgucguAggaacacg..... 1
G1a_6230459_x1.....ucgAagacgucgugggaacacggggugc..... 1
Gi2_11027356_x1.....agacgucguggAaacacggggugcc..... 1
Gi1_4165828_x1.....gacgucgugCgaacacggggugccgaacu..... 1
G1a_6338016_x1.....ggaacacggggugccgaGc..... 1
Gi3_28748776_x1.....gucgugggaaAacggggugcc..... 1
Gi2_11173560_x1.....ggNacacggggugccgaa..... 1
Gi3_28967156_x1.....ugggaacacggggUccg..... 1
Gi2_11221653_x1.....aucggagacguAgugggaacacggggugcc..... 1
G1a_6326137_x1.....gaucggagacgucguggGacacggg..... 1
Gi3_28961737_x1.....cgucgugggaCcacggggugccga..... 1
Gi2_11341473_x1.....ucgGgggaacacggggugc..... 1
Gi1_4301087_x1.....agacgucgGgggaacacggggugccgaacu..... 1
Gi3_28806670_x1.....gcgauccgagacgucgugggaGcacgg..... 1
Gi3_28460458_x1.....Uggagacgucgugggaacacggggugcc..... 1
Gi2_11390185_x1.....ggagacgucgugggaacacgAggu..... 1

Gi2_11148471_x1.....cggagGcgucgugggaacacggggugccga..... 1
 Gl1_6226892_x1.....aucggGgacgucgugggaacacgggg..... 1
 Gi3_28519238_x1.....aCcgagacgucgugggaacacggggugccgaacu..... 1
 Gi3_28524268_x1.....ggagacgucgugggaacacggggugcUg..... 1
 Gi2_11075217_x1.....cgucguggCaacacggggugccgaac..... 1
 Gi2_11393676_x1.....ggagacgucgCgggaacacggggg..... 1
 Gi2_11136319_x1...cgaucggagacgucgugggCacacggggg..... 1
 Gi5_9111722_x1.....acuuucccagcgccugcugccAacc..... 1
 Gi2_11273180_x1.....ucggagacgCcgugggaacacggggugcc..... 1
 Gi5_8945266_x1.....cgugggaaAacggggugccgaac..... 1
 Gi1_4201699_x1.....ucggagacgucgugAgaacacggggugc..... 1
 Gi2_11302322_x1...gaucggCgacgucgugggaacacg..... 1
 Gi2_11342311_x1.....gucgugggaUcaccggggugc..... 1
 Gi2_11157262_x1.....agacgAcgugggaacacggggugccga..... 1
 Gi2_11302310_x1.....cggagacguGgugggaacacggggugcc..... 1
 Gl1_6024874_x1.....cgugggaCcaccggggugcc..... 1
 Gi3_28528891_x1...Nucggagacgucgugggaacacg..... 1
 Gi1_4304902_x1.....aucggagacgucguAggaacacgg..... 1
 Gi5_8969834_x1.....ucggagacgucgugggaacacggggugccgaCc..... 1
 Gi1_4332098_x1...aGcggagacgucgugggaacac..... 1
 Gi3_28780562_x1.....acgucgugggaacacCggggugccgaacu..... 1
 Gi3_28739695_x1.....gggaacacgggUugccgaac..... 1
 Gi3_28796761_x1...aucggagacgucgugggaGc..... 1
 Gl1_6184934_x1...gaucggagacgucgugggCacacggggg..... 1
 Gi1_4365898_x1.....ucgugggaacacgggggUacc..... 1
 Gi5_9078119_x1.....ugggaacaGggggugccgaacu..... 1
 Gi2_11011329_x1.....cggagacgucgGgggaacacggggugcc..... 1
 Gi2_11099348_x1...gaucggagacgucgugggaacacgUggg..... 1
 Gi2_11112296_x1.....cgugggaacaAgggggugc..... 1
 Gi1_4210946_x1.....ugggaaAacggggugccgaac..... 1
 Gi2_11201916_x1.....gacgucgugggaacacgggUgugccgaacu..... 1
 Gi2_11404960_x1...gaucAgagacgucgugggaacacgggg..... 1
 Gi3_28360407_x1.....cgugCgaacacggggugc..... 1
 Gi2_11050627_x1.....gagacAucgugggaacacggg..... 1
 Gi2_11363988_x1.....gucgugggaacacggAgugccga..... 1
 Gl1_6135016_x1.....gacgucgugggaacacggggG..... 1
 Gi5_8842873_x1...uGggagacgucgugggaacacggggugc..... 1
 Gi2_11219971_x1...Cucggagacgucgugggaacacg..... 1
 Gi1_4359343_x1.....cggagacgucgugggaacacgggggU..... 1
 Gi5_8912141_x1...aucAgagacgucgugggaacacggg..... 1
 Gl1_6042069_x1...gaucggagacgucgugggaacacggCgu..... 1
 Gi2_11015326_x1.....gggaacacgggggugNcgaacu..... 1
 Gi5_9007074_x1.....gugggaacacggggugccgaacuA..... 1
 Gi3_28328078_x1.....acacggggugccgaacuA..... 1
 Gl1_6046166_x1...cgaucggagacguUgugg..... 1
 Gi3_28421556_x1...ucggagacguUgugggaacacggg..... 1
 Gi3_28806121_x1.ugUgaucggagacgucguggga..... 1

Gi2_11080560_x1.....uggaacacgUggugccgaac..... 1
Gi3_28726619_x1.....gagacgucgugggaacCcggggu..... 1
Gi5_9082286_x1.....cggGgacgucgugggaacacggggugccgaac..... 1
G1a_6127069_x1.....cggagacgucgugggaacCcggg..... 1
Gi2_11294737_x1.....aucggagacgucgugggaacacggAgug..... 1
Gi2_11168236_x1.....aucggagacguUgugggaacacgg..... 1
Gi1_4247169_x1.ugcgauccgagacgucguggC..... 1
Gi1_4268351_x1.....cggagacgucgugggaGcacggg..... 1
Gi5_8982994_x1.....cgucgugggaacCcggggugccga..... 1
Gi3_28924654_x1.....ggGgacgucgugggaacacggggugccgaac..... 1
Gi3_28666499_x1.....ggagacgucgugggaacacggggugccgaGc..... 1
Gi2_11378714_x1.....aNacgucgugggaacacggggugccgaacu..... 1
Gi2_11161359_x1.....cggCaacgucgugggaacacggggugcc..... 1
Gi2_11209155_x1.....Nugggaacacggggugccgaa..... 1
Gi2_11219679_x1.....uGggagacgucgugggaac..... 1
Gi5_8912030_x1.....acgucgugggaAacggggugccgaac..... 1
G1a_6177688_x1.....Cgagacgucgugggaacacggggugcc..... 1
Gi3_28421415_x1.....agacgucAugggaacacggggugccgaacu..... 1
Gi2_11137979_x1.....aucggagacgucAgggaacacg..... 1
Gi5_9102220_x1.ugcgauccgagacgucgug..... 1
Gi3_28791687_x1...cgGucggagacgucgugggaacacggggug..... 1
Gi2_11158862_x1.....Ccgugggaacacggggugc..... 1
G1a_6119043_x1.....Cucgugggaacacggggugccgaacu..... 1
Gi2_11165110_x1.....cgugggaacacggggugcA..... 1
Gi3_28710505_x1.....uGggagacgucgugggaacacgg..... 1
Gi1_4296669_x1.....cgugggaacacggggguUccgaacu..... 1
Gi1_4353308_x1.....aucggGgacgucguggga..... 1
Gi3_28761425_x1...cgauccgagaAgucgugggaacacgg..... 1
Gi1_4214120_x1.....acgucAugggaacacggggugcc..... 1
G1a_6005315_x1.....gugggaacacggggAugccga..... 1
Gi5_8899412_x1.....agacgucgugggaacacgUggugccgaac..... 1
Gi5_8987183_x1.....acuuuccagcgccugcugccacU..... 1
Gi3_28609191_x1...cgauccgagacgucguggGacacggggug..... 1
Gi3_28820152_x1.....gucgugggaacacCgggugc..... 1
Gi1_4210203_x1.....cgugggaacacggggugcU..... 1
Gi2_11228211_x1.....cggagacgAcgugggaacacggggugcc..... 1
Gi3_28530822_x1.....aucggagacgucgugggaacacgCggu..... 1
Gi3_28732712_x1.....agacgucgugggaacacggggugccA..... 1
Gi2_11298835_x1.....aucggagaAgucgugggaacacggggugcc..... 1
Gi5_8945337_x1...gauccgagacgCcgugggaacacgg..... 1
Gi1_4248102_x1.....acgCcgugggaacacggggugccg..... 1
Gi3_28895903_x1.....ggagacgucguggAaacacggggugccgaacu..... 1
Gi1_4371963_x1.....ggaacacggggugccAaac..... 1
Gi1_4377672_x1.....ucggagacgucgGgggaacacg..... 1
Gi2_11213851_x1.ugcgauccgagGcgucgugggaacacg..... 1
Gi2_11354351_x1...cgauccgagacgucguggG..... 1
Gi2_11122784_x1...Caucggagacgucgugggaacacgggg..... 1

Gi2_11115769_x1.....gAgaacacggggugccga..... 1
Gi2_11312390_x1.....ugggaacacggggugcUgaacuu..... 1
G1a_5989269_x1.....ucgugggaacCggggugccgaacu..... 1
Gi1_4270663_x1.....cgugggaacacggggugccUaacu..... 1
Gi2_11311439_x1.....aucggCgacgucgugggaacacg..... 1
Gi2_11056128_x1.ugcgauccgagGcgucgugggaaca..... 1
Gi5_9084613_x1.....cgugggaacacCgggugc..... 1
Gi1_4270557_x1...gaucAgagacgucgugggaacac..... 1
Gi2_11146186_x1.....Cagacgucgugggaacacggggug..... 1
Gi3_28551677_x1..gcgaucggagacgucAugggaacacggg..... 1
Gi3_28421519_x1.....ugggaaGacggggugccga..... 1
Gi1_4222455_x1.....ucAgagacgucgugggaacacg..... 1
Gi2_11313192_x1.ugcAaucggagacgucgugggaaca..... 1
Gi1_4210269_x1.....cgugggaacacggggugccgaacG..... 1
Gi5_8871380_x1.....Ggugggaacacggggugccgaacuu..... 1
Gi5_8980379_x1.....gggaUcacggggugccgaac..... 1
Gi3_28708663_x1.cugcgauccgagacgucgA..... 1
Gi2_11337516_x1...cgauccgagacgucgCgggaacacggg..... 1
Gi2_11239641_x1.....ucgugggaacacgCggugccgaac..... 1
Gi3_28540816_x1..gcgaucAgagacgucgug..... 1
Gi5_9071660_x1.....cCucgugggaacacggggugcc..... 1
Gi3_28889505_x1.....aucggagacgucgugggaacacggCgugc..... 1
Gi5_8837866_x1.....ugggaacacggggugccgaCcuu..... 1
Gi1_4368519_x1...gaucUgagacgucgugggaacacgg..... 1
Gi3_28863564_x1...Ugaucggagacgucgugg..... 1
Gi5_8915373_x1.....acguUgugggaacacggggugccga..... 1
Gi3_28689086_x1.....cgucgugggCacacggggugccgaac..... 1
Gi2_11329447_x1.....ggaAacgucgugggaacacggggugcc..... 1
Gi2_11085866_x1.....gacgucgugggaGcacggggugccgaac..... 1
Gi1_4311153_x1.....aGucgugggaacacggggugccga..... 1
Gi2_11025496_x1.....ggagacgucUugggaacacggggugcc..... 1
Gi3_28265443_x1.....ucggagacgucAugggaaca..... 1
G1a_6118794_x1...Ggaucggagacgucguggga..... 1
Gi2_11363200_x1.....gucgCgggaacacggggugccga..... 1
Gi5_9003467_x1...gaucggagacgucgugggUacacg..... 1
G1a_6105180_x1.....aucggagGcgucgugggaacacgg..... 1
Gi3_28670153_x1.....ggagacgAcgugggaacacggggugccgaacu..... 1
Gi3_28570008_x1...gaucggagacgucCugggaacac..... 1
G1a_6315853_x1...aucggagacgucgugAgaacacgg..... 1
Gi1_4257859_x1.....gaUacgucgugggaacacggggugccg..... 1
Gi3_28950647_x1.....gacgucgCgggaacacggggugccg..... 1
Gi2_11382800_x1.....ggagacgucgugAgaacacggggug..... 1
Gi2_11383190_x1.....agacgucgugggaacacgAggugccgaacu..... 1
G1a_6248365_x1...auUggagacgucgugggaacacgggg..... 1
Gi5_9126426_x1...ucAgagacgucgugggaacacggggugccg..... 1
Gi2_11182255_x1..gcgaucggagacgucgugggaacacgA..... 1
Gi5_8880801_x1.....guAgugggaacacggggugccgaa..... 1

Gi5_8906366_x1.....gacgucgugggaacacggggCgccgaac..... 1
Gi3_28597761_x1...gaucggGgacgucgugggaacacggggugccgaacu..... 1
Gi1_4213091_x1.....gUagacgucgugggaacacggggug..... 1
Gi2_11323986_x1.....ggaCacgucgugggaacacggggugc..... 1
Gi1_4234315_x1....auAggagacgucgugggaacacggggugcc..... 1
Gi2_11216467_x1.....cguggAaacacggggugccg..... 1
Gi3_28605923_x1.....agacgucgugggaUcacggggugccgaacu..... 1
Gi2_11149812_x1...cgauAggagacgucguggga..... 1
Gi5_8902953_x1.....gugggaGacggggugccgaac..... 1
Gi1_4194308_x1.....acguGgugggaacacggggugcc..... 1
Gi2_11298892_x1.....Aucgugggaacacgggggu..... 1
Gi2_11275693_x1.....gugggaacaAggggugccg..... 1
Gi1_4181614_x1...gaGcggagacgucgugggaacacggggugc..... 1
Gi5_9022783_x1....Nucggagacgucgugggaacacggg..... 1
G1a_6282482_x1.....gucgugggaacacgggAugccgaacu..... 1
Gi2_11258921_x1.....ucgugggaacacggAgugccg..... 1
Gi2_11159141_x1.....gucgugggaacacggggugccUaacu..... 1
Gi5_9042450_x1.....agacgAcgugggaacacggggugccgaacu..... 1
Gi2_11274199_x1...Ugaucggagacgucgugggaacacggg..... 1
Gi1_4199774_x1.....Ugacgucgugggaacacgggg..... 1
G1a_6167409_x1.....cgucgugggaacacggggugccgaaA..... 1
Gi1_4279659_x1....ucggGgacgucgugggaacacggggug..... 1
Gi2_11380236_x1.....ucAugggaacacggggugccg..... 1
Gi2_11215995_x1.....gugggaacacggggugccCaac..... 1
Gi1_4310620_x1.....gacgucgugggaacacgg..... 0
Gi1_4247374_x1....gagacgucgugggaacacggggugccgUacu..... 1
G1a_6157299_x1.....gugggaacCcggggugccg..... 1
Gi3_28451964_x1.....Ucgucgugggaacacggggugccgaac..... 1
Gi3_28284361_x1.....cggagacgucgugggaacacgggC..... 1
Gi5_9031043_x1.....agacgucgugggCacacggggugccgaacu..... 1
Gi1_4248030_x1.....Cugggaacacggggugccgaac..... 1
Gi2_11036010_x1....aucggagacgucguggUaaca..... 1
Gi3_28547856_x1....aucggagacgucgugggaacUcggggugcc..... 1
Gi3_28651294_x1.....gaacacggggugccgaacuC..... 1
Gi1_4235410_x1.....Aacgucgugggaacacggggugcc..... 1
Gi3_28834636_x1.....gUgacgucgugggaacacggggugc..... 1
Gi3_28414968_x1.....acgucgugggCacacggg..... 1
Gi3_28937614_x1....Uggagacgucgugggaacacggg..... 1
Gi5_8978021_x1.....agacgucgugggaacacggggGgcc..... 1
Gi2_11302414_x1.....gggaacacgggAugccga..... 1
Gi5_9116942_x1.....gaGcacggggugccgaac..... 1
Gi3_28619017_x1.....agacgucgugggGacacggggugccgaac..... 1
Gi1_4336176_x1.....ucgugggaNcacggggugccg..... 1
Gi3_28648741_x1.....ucgugggaacacgUggugccgaacu..... 1
Gi3_28793840_x1...cgaucggaAacgucgugggaacacgg..... 1
Gi2_11194918_x1.....ggNaacacggggugccgaacu..... 1
Gi2_11035696_x1....aucggagacguUgugggaacacgggg..... 1

Gi3_28639192_x1...gaucggagacgucgugggaaacacgAgg..... 1
 Gi2_11137711_x1...aucggagacgucgugggaaGac..... 1
 Gi2_11015884_x1...gaucggagacgucgCgggaacacgggg..... 1
 Gi2_11360713_x1...cgauccggagacgucgugggaaacacggggugG..... 1
 G1a_6283284_x1...cgGucggagacgucgugggaaacacggg..... 1
 Gi3_28840116_x1...gaucggagacgucgugggAaacacggggug..... 1
 Gi3_28308295_x1...cgauccggagacgucgugggaaAacg..... 1
 Gi2_11357594_x1...aucggagacgucUugggaaacacggggugcc..... 1
 Gi2_11209536_x1...uGgugggaaacacggggugccgaa..... 1
 Gi1_4332788_x1...gacgucgugggaaacacUgggugccgaacu..... 1
 Gi4_603790_x1...ucguggggACcaccggggugccgaacu..... 1
 Gi3_28832779_x1...cggagaUgucgugggaaacac..... 1
 Gi2_11005962_x1...cgauccggaNacgucgugggaaac..... 1
 Gi3_28834232_x1...cgauccggagacgucAugggaaacacg..... 1
 Gi2_11375706_x1...gUgacgucgugggaaacacggggugccgaa..... 1
 G1a_6041051_x1...ggagGcucgugggaaacacggggugcc..... 1
 Gi3_28899099_x1...agacguAgugggaaacacggggugcc..... 1
 G1a_6022813_x1...cgCgugggaaacacggggugccgaacu..... 1
 Gi3_28977484_x1...cgUucggagacgucgugggaaacacggg..... 1
 Gi2_11142159_x1...ucggagacgucgugggaaacUcg..... 1
 Gi2_11226778_x1...ucggagacNucgugggaaacacggggugccgaacu..... 1
 Gi2_11085128_x1...gagacAucgugggaaacacggggugcc..... 1
 Gi3_28524549_x1...gugggaaacacCgggugccg..... 1
 Gi2_11002326_x1...aucggagacgucgugggaaacacA..... 1
 Gi3_28937594_x1...ugcgaucggagacgucAuggga..... 1
 Gi3_28854929_x1...ugcgaucggagacgucgu..... 0
 Gi1_4261592_x1...gagacgucgugggaaacacgggUugccgaacu..... 1
 Gi1_4357434_x1...cgucguggggAUcacggggugccgaacu..... 1
 Gi2_11388080_x1...gaUgucgugggaaacacggg..... 1
 Gi3_28781011_x1...cggagacgNcgugggaaacacgg..... 1
 Gi2_11376987_x1...gugCgaacacggggugccg..... 1
 Gi1_4269008_x1...aacacggggugccgaacAu..... 1
 Gi1_4223681_x1...gaacacggggAgccgaac..... 1
 Gi3_28817667_x1...ucggagacgucgugggaaacacgggguAc..... 1
 Gi2_11248222_x1...gucguggggACcacggggugccgaac..... 1
 Gi3_28417452_x1...ucguggggaaacUggggugcc..... 1
 Gi3_28904514_x1...ggagacgucguAggaaacacg..... 1
 Gi2_11324468_x1...gaucggagacgucgAggaaacacggg..... 1
 Gi1_4267626_x1...gaacaNggggugccgaacu..... 1
 Gi2_11336103_x1...cguCggaacacggggugc..... 1
 Gi3_28786713_x1...ggagacgucgugggaaacacggggugGcg..... 1
 Gi3_28440090_x1...aucggagacgucguUggaacacggggu..... 1
 Gi2_11277907_x1...ucggagacgucgugggGac..... 1
 Gi3_28285505_x1...ugcgauUggagacgucgugggaaacacg..... 1
 Gi3_28513195_x1...cggagacgucguggggGcac..... 1
 Gi3_28474740_x1...acgucgugggaaUacggggugc..... 1
 Gi3_28829698_x1...gagacgucgCgggaacac..... 1

Gi3_28374121_x1...gaucggagacgucgugggUacacgg..... 1
Gi2_11208750_x1.....gggaacacggggugccCaa..... 1
Gi5_8866969_x1.....gagacgucgGgggaacacggggugccgaacu..... 1
Gi2_11247658_x1...cgauccgGgacgucguggggaacacggggug..... 1
Gi3_28784955_x1.....ucggagacgucguggggaacGcggg..... 1
Gi5_8935405_x1.....gugggaacacggggUaccgaacu..... 1
Gi3_28582111_x1...gaucggagacguUguggggaacacggggug..... 1
Gi2_11045692_x1.....cgagacgucguAggaacacggggug..... 1
G1a_6148333_x1...gaucggagacgucgugggG..... 1
Gi5_9119219_x1.....agacgCcguggggaacacggggugc..... 1
Gi5_9092231_x1.....cgucguggggaacacggAgugccgaac..... 1
Gi2_11042862_x1.....gagaGgucguggggaacacggggugcc..... 1
Gi2_11112883_x1.....ugggaacacgAggugccgaa..... 1
Gi4_594338_x1.....gugggaacacggggAgccgaa..... 1
Gi1_4219345_x1.....ggUgacgucguggggaacacggggugccgaacu..... 1
Gi5_9078714_x1.....cCucguggggaacacggggugccgaac..... 1
G1a_6184830_x1...cgUagacgucguggggaacacggggugcc..... 1
Gi2_11277824_x1...aucggUgacgucguggggaacacgg..... 1
G1a_6179147_x1...cguggggaacacggggugccgaGc..... 1
Gi1_4214499_x1...ucgugggCacacggggugccg..... 1
Gi1_4182306_x1...Aaucggagacgucguggggaacac..... 1
Gi4_598044_x1...acgucgugggGacacggggugccgaacu..... 1
Gi3_28472735_x1...gagacgucgugggAaacacggggg..... 1
Gi3_28584806_x1...gcgauccgagacgucgugggCaca..... 1
Gi1_4303385_x1...cggagacguUguggggaacacggggugc..... 1
Gi1_4308091_x1...ugcgauccgagacgucAuggggaacacg..... 1
Gi2_11230717_x1...uggCaacacggggugccga..... 1
Gi1_4237187_x1...ucgugggaacaUggggugccgaac..... 1
Gi5_9078889_x1...acuuucccNgcgcgccucgcccacc..... 1
Gi2_11181002_x1...gaucggaAacgucguggggaacacgggg..... 1
Gi1_4373856_x1...ggaacacUgggugccgaac..... 1
Gi5_8910228_x1...ugcgauccgagacgAcguggg..... 1
G1a_5998609_x1...aucggagacgucgugggCacacggggugc..... 1
Gi5_9022172_x1...cgugggaacacggggCugccgaac..... 1
G1a_6088418_x1...aucggCgacgucguggg..... 1
Gi2_11268499_x1...cggGgacgucguggggaacacg..... 1
Gi2_11282359_x1...gaucggagacgucguggggaacacgAg..... 1
Gi1_4229726_x1...cgugggaaUaccgggugccgaac..... 1
Gi3_28898760_x1...gaucggagCcgucguggggaac..... 1
Gi3_28407508_x1...gucguggggaacCggggugccgaa..... 1
Gi3_28981012_x1...cgucguggggaacacgCggugccga..... 1
Gi2_11295727_x1...acgucguggggaacacggggugccgUa..... 1
Gi2_11286884_x1...ucggagacgucguggggaacacggggUac..... 1
Gi2_11032415_x1...gaucggagacgucgCgggaaca..... 1
Gi3_28947509_x1...aNcggagacgucguggggaacacggggugcc..... 1
Gi2_11352255_x1...cNugggaacacggggugccgaacu..... 1
Gi2_11374281_x1...auUggagacgucguggg..... 1

Gi3_28818848_x1.....Aacgucgugggaacacgg..... 1
 Gi4_607299_x1.....gugggaacacggggugUcgaacu..... 1
 Gi4_584307_x1.....cgucgugggaacaAggggugccgaacu..... 1
 Gi5_9136691_x1.....gggaacacggggugcAga..... 1
 Gi2_11394312_x1.....Cucgugggaacacgggggu..... 1
 Gi2_11186647_x1.....agacgucgugggaacacggggugUc..... 1
 Gi4_590441_x1.....ucggagacNucgugggaacacggggugccg..... 1
 Gi3_28408067_x1.....Nggaacacggggugccgaa..... 1
 Gi2_11074514_x1.....gacgucguAggaacacggggugcc..... 1
 Gi2_11161862_x1.....agacgucgugggaGcacggggugccg..... 1
 Gi1_4273573_x1.....ggagacgucgugggaacacgggU..... 1
 Gi3_28755674_x1.....gacgucgugggaacacgAggugccg..... 1
 Gi5_8902340_x1.....cUgagacgucgugggaacacggggugccgaacu..... 1
 Gi3_28852602_x1.....ucgCgggaacacggggugccga..... 1
 Gi1_4173293_x1.....ucgugggaacacAgggugccg..... 1
 Gi5_9085377_x1.....cgucAugggaacacggggugcc..... 1
 Gi5_8846252_x1.....gucgugggaacaUggggugccgaac..... 1
 Gi3_28603341_x1.....agGcgucgugggaacacggg..... 1
 Gi2_11219064_x1.....gucguUggaacacggggugcc..... 1
 Gi2_11036928_x1.....ucggagacgucgugggaacaUggggU..... 1
 Gi2_11239451_x1.....gucgugggaacacggggugccgaaU..... 1
 Gi1_4295959_x1.....ggagacgCcgugggaacacggggU..... 1
 Gi4_610214_x1.....ucgugggGacacggggugccgaacu..... 1
 Gi3_28609466_x1.....cgAcgugggaacacggggugccgaa..... 1
 Gi1_4228819_x1.....ggagacgucgugggCacacggggU..... 1
 Gi2_11348646_x1..gcgaucAgagacgucgugggaaca..... 1
 Gi3_28803717_x1.....ggagacgucgugggaacacggggCgcccgaacu..... 1
 Gi1_4175660_x1.....Gcgucgugggaacacggggugccga..... 1
 Gi2_11042777_x1.....ugggaacacgggUugccgaacuu..... 1
 Gl1_6253053_x1.Gcggaucggagacgucguggaa..... 1
 Gi5_9128095_x1.....agacgucgugggaGacggggugccgaacu..... 1
 Gi2_11127173_x1.....cgugggaacaAggggugccg..... 1
 Gi2_11152910_x1.....Nugggaacacggggugccg..... 1
 Gi3_28966068_x1..cgaucggagacgucgugAgaacacggggugc..... 1
 Gi2_11174989_x1.....cgucAugggaacacggggugccgaac..... 1
 Gi3_28885176_x1..cgaucggCgacgucgugggaacacgg..... 1
 Gi3_28444159_x1..gaucggagacgucgugggCacacggggugcc..... 1
 Gi1_4367021_x1...aucggCgacgucgugggaacacgg..... 1
 Gl1_6354956_x1.....cggagacgucgugggaacacggAgu..... 1
 Gi3_28359490_x1.....ggagacgucgugggaacacggA..... 1
 Gi2_11407500_x1..gaucggagacUucgugggaacacggggU..... 1
 Gi3_28952971_x1.....gucgugggaacaGggggugc..... 1
 Gi5_8969411_x1.....gggaUcacggggugccgaacu..... 1
 Gi3_28276896_x1.....gugggaacacggggUuccgaa..... 1
 Gi5_9021659_x1.....cgugggaacacAgggugc..... 1
 Gi2_11230829_x1..cgGucggagacgucgugggaacacggggug..... 1
 Gi3_28892382_x1...gaucggagacguAguggg..... 1

Gi3_28841672_x1.....gacgucgugggaacacggggAgccg..... 1
 Gi3_28755922_x1.....ggaacacggggugccgUa..... 1
 Gi2_11030689_x1.....gucgugggaacacggggugccCaac..... 1
 Gi4_614044_x1.....gugggaaAacggggugccgaa..... 1
 Gi2_11072299_x1....gaucggagacgucgugggaacaUggggg..... 1
 G1a_6338310_x1....cCaucggagacgucgugg..... 1
 Gi2_11263588_x1.....gucgugggaacacggggugAcga..... 1
 Gi3_28363717_x1.....gucgugAgaacacggggugccga..... 1
 G1a_6330169_x1.....gugggUacacggggugccga..... 1
 Gi3_28376963_x1.....agacgucgugggCacacggggugccgaac..... 1
 Gi3_28476339_x1....gaucggagacgucgugggaAacggggugc..... 1
 Gi2_11226407_x1.....guNggaacacggggugccga..... 1
 Gi3_28764513_x1.....cgugCgaacacggggugcc..... 1
 Gi1_4251046_x1....cggagGcugcuggggaacacggg..... 1
 Gi2_11060547_x1.....cgucgugAgaacacggggugccgaac..... 1
 Gi1_4309682_x1.....Ugagacgucgugggaacacg..... 1
 Gi5_8929589_x1....Uucggagacgucgugggaacacg..... 1
 Gi3_28352054_x1....gaucggagacgucgugggUacacgggg..... 1
 Gi3_28939362_x1.....ucguggAaacacggggugc..... 1
 Gi2_11373876_x1....aucggagacgAcgugggaacacg..... 1
 Gi5_9110612_x1....ucggagUcugcuggggaacacg..... 1
 Gi2_11024026_x1.....cgugggaacacggggugccgaU..... 1
 Gi2_11353211_x1....gauUggagacgucgugggaacac..... 1
 Gi5_9021273_x1.....gugggaUcacggggugccgaac..... 1
 Gi2_11085832_x1.....ucgugggaacacggggGgc..... 1
 Gi1_4251505_x1.....gaacacggggugcGgaacuu..... 1
 Gi5_8987132_x1....cgUagacgucgugggaacacg..... 1
 Gi1_4228142_x1....aucggagacgucguggAaacacggggugc..... 1
 Gi3_28744307_x1.....cgucgugggaacacgggUugccgaacu..... 1
 Gi1_4210860_x1....aucCgagacgucgugggaacacgggg..... 1
 Gi3_28698580_x1.....ucNugggaacacggggugccgaac..... 1
 Gi1_4363573_x1.....ggaacacggggugccgaC..... 1
 G1a_6350034_x1....ucggagacNucgugggaacacg..... 1
 Gi3_28689043_x1.....gucgugggaacUcggggugccgaac..... 1
 Gi1_4202929_x1.....ugggaGcacggggugccga..... 1
 Gi5_8988568_x1.uCcgaucggagacgucgug..... 1
 Gi2_11404387_x1.....cguggAaacacggggugccgaa..... 1
 Gi1_4253299_x1.....agacgucgugggaAacggggugccgaacu..... 1
 Gi1_4354566_x1....gGucggagacgucgugggaacacgg..... 1
 Gi1_4183186_x1.....cgugggaacacggggGgccgaa..... 1
 Gi2_11303879_x1....ucggUgacgucgugggaacacggggugc..... 1
 Gi5_9059131_x1.....guAggaacacggggugccgaacu..... 1
 Gi3_28519114_x1....cgaucggagacgucAugggaacacggggugc..... 1
 Gi2_11228618_x1....ucggagacgucguggAaacacgggg..... 1
 Gi2_11278877_x1....aucggagacAucgugggaacacg..... 1
 Gi2_11019129_x1....cgaucggUgacgucguggga..... 1
 Gi5_8838128_x1.....gagacgucgCgggaacacg..... 1

Gi5_9036365_x1.....gucgugggaacacggggugA..... 1
 Gi2_11366401_x1.....aucNgagacgucgugggaacacggg..... 1
 Gi3_28960542_x1.....ucggagacgucgugggaacGcggggg..... 1
 Gi5_9054541_x1.....aucggagacgucgCgggaacacggg..... 1
 Gi3_28518183_x1..gcgaucggagacgucgugggaacGcggggg..... 1
 Gi1_4248594_x1.....aucggagacgCcgugggaacacgggg..... 1
 Gi2_11048027_x1.....ucgugUgaacacggggugccgaac..... 1
 Gl1a_6340966_x1.....aucggagacgucgugggaacacggggCgc..... 1
 Gi3_28886264_x1.....Cgagacgucgugggaacacggggugccgaa..... 1
 Gi5_8853628_x1.....gacgucgugggaacacgUggugccg..... 1
 Gi2_11154462_x1..gcgaucggagGcucgugggaacacggggugc..... 1
 Gi1_4193230_x1.....ucgugggaaAacggggugccgaac..... 1
 Gi1_4308706_x1.....gaacacggggugcUgaacuu..... 1
 Gi2_11377701_x1.....Cagacgucgugggaacacggg..... 1
 Gl1a_6337559_x1.....acgucgugggaacCcggggugccgaacu..... 1
 Gi2_11320052_x1.....ugggaUcacggggugccga..... 1
 Gi1_4172265_x1.....cgugggaacacggggugccgaaAuu..... 1
 Gi3_28722129_x1.....cgucgugggaacaUggggugccg..... 1
 Gi2_11058282_x1.....cggagacgucgugggaacacggCg..... 1
 Gi5_9126299_x1.....ugggaacacggggugAcgaa..... 1
 Gi3_28450276_x1.....ggaacacUgggugccgaacu..... 1
 Gi2_11228771_x1.....acgucgugggaacacggggugccCaacu..... 1
 Gi3_28613802_x1..gaucggagacgucgCgggaacac..... 1
 Gi2_11226743_x1.....ucgugggaacacggggugccgaG..... 1
 Gi5_8936831_x1.....Ccgugggaacacggggugccgaac..... 1
 Gi1_4284261_x1.....ucggagacgucgGgggaacacggggugcc..... 1
 Gi3_28398885_x1..cgauccgagacgucgugggaacCcgggg..... 1
 Gi2_11178714_x1..gcgaucggagaUgucgugggaacac..... 1
 Gi5_9021777_x1.....acgucgugggaacacggggGgccc..... 1
 Gi3_28299078_x1..gaucggagaUgucgugggaacacggggugcc..... 1
 Gi5_9028627_x1..gaCcgagacgucgugggaacac..... 1
 Gi1_4349748_x1..ugcgaucggagacgucgugggGacacg..... 1
 Gi2_10993919_x1.....aucgAagacgucgugggaacacg..... 1
 Gi3_28365029_x1..gaucggagacgucgugAgaacacgggg..... 1
 Gi5_8886489_x1..gaucggagacgAcgugggaacac..... 1
 Gi1_4365078_x1.....ucggGgacgucgugggaacac..... 1
 Gi3_28763838_x1.....gacgucgGgggaacacggggugccgaac..... 1
 Gi2_11406260_x1..aCcgagacgucgugggaac..... 1
 Gi3_28750431_x1.....cggGgacgucgugggaacacg..... 1
 Gi3_28265457_x1.....ggNgacgucgugggaacacggggugcc..... 1
 Gi3_28961845_x1.....ggagacgucgugggaacacggggUaccgaacu..... 1
 Gi1_4312147_x1.....gugggaGcacggggugccg..... 1
 Gl1a_6083080_x1.....ucggGgacgucgugggaacacgg..... 1
 Gi5_8940293_x1.....aucggagacgucgugggaacGcggggugcc..... 1
 Gi1_4298753_x1.....gagGcucgugggaacacggggugcc..... 1
 Gi1_4185292_x1.....gugggaUcacggggugcc..... 1
 Gi2_11323456_x1.....gagacgucgugggaacacgAggug..... 1

Gi2_11012139_x1.....acgucgugggGacacggg..... 1
Gi1_4217854_x1....gaucggGgacgucgugggaacacggg..... 1
Gi3_28282558_x1.....ggagacgucgugggaaAacgg..... 1
Gi5_8883791_x1.....gucguggAaacacggggugccgaac..... 1
Gi2_11006268_x1.....gaacacggggugUcgaac..... 1
Gi1_4337151_x1.....ggaacacgNggugccgaacuu..... 1
Gi2_11026490_x1...cgauccgagacgucgugggaacaAggg..... 1
Gi5_9065118_x1.....ggGgacgucgugggaacacggggugccgaacu..... 1
Gi2_11374805_x1.....Cucgugggaacacggggugc..... 1
Gi4_593420_x1.....cgucguggaCcacggggugccgaacu..... 1
Gi3_28296976_x1.....cgagacgucgugggUacacg..... 1
Gi1_4258938_x1.....uggaacaacUgggugccgaacuu..... 1
Gi3_28804014_x1.....gagacgucgugggaacacggggugccGac..... 1
Gi1_4257776_x1.....ucggagacgucgugggaacacA..... 1
Gi3_28763748_x1.....ggagacgucgugggaacacggggCgccgaa..... 1
Gi3_28917695_x1.....cgagacgucgugggaCcacggggugccgaac..... 1
Gi5_8838093_x1.....Cgggaacacggggugccgaa..... 1
Gi1_4163111_x1.....gugggaacacggggugcc..... 1
Gi3_28760111_x1.....ucggagacgucguggAaacac..... 1
Gi1_4321046_x1.....ucguAggaacacggggugccga..... 1
Gi5_9058148_x1.....ggaacacggggUAccgaac..... 1
Gi1_4263292_x1.....cggagacgucgugggaacacAgggugcc..... 1
Gi2_11246975_x1.....gaacacggggugccUaac..... 1
Gi2_11028080_x1.....gugggCacacggggugccgaa..... 1
Gi5_9106089_x1.....gagacgucgugggaGcacggggugccgaac..... 1
Gi1a_6055454_x1.....Aggagacgucgugggaacacgg..... 1
Gi3_28840946_x1.....cgUagacgucgugggaacacg..... 1
Gi3_28590680_x1.....cggagacgucgugggaacacAg..... 1
Gi1_4195716_x1.....agUcugcuggggaacacggggugccgaac..... 1
Gi5_8918457_x1.....acgucgugggaacacAgggugcc..... 1
Gi2_11019232_x1.....ggagacgucgugggaacacggggCgccgaac..... 1
Gi4_568513_x1.....cgugggaacacggggugcUgaacu..... 1
Gi2_11299570_x1.....ggUgacgucgugggaacac..... 1
Gi2_11092218_x1.....cGgagacgucgugggaacacg..... 1
Gi5_9115246_x1.....gugggaacacggUgugccga..... 1
Gi3_28987416_x1....aucggagacgucgugggCacacggggugc..... 1
Gi1_4218014_x1.....ugggaaGacggggugccgaacu..... 1
Gi3_28438461_x1.ugcUaucggagacgucguggga..... 1
Gi4_581858_x1.....ugggaacaUggggugccgaacu..... 1
Gi3_28313007_x1....aucggagacgucgugggaacacggggugccgaacA..... 1
Gi1_4216317_x1.....gagacgucgugggaacacggggugccGacu..... 1
Gi1_4374079_x1.....agacgucgugggaacacggggugAcgaa..... 1
Gi1_4341334_x1.....ugggaacacggggugccAa..... 1
Gi5_9004006_x1.....cgugggaacacggggugGcga..... 1
Gi5_8847915_x1.....cggagacgucgugggaGcacg..... 1
Gi2_11051435_x1....gauAggagacgucgugggaacacggg..... 1
Gi3_28969752_x1.....ggagacguNgugggaacacggggugccgaac..... 1

G1a_6305847_x1.....Aacgucgugggaacacggg..... 1
 Gi3_28846831_x1.....cggAUacgucgugggaacacggggugc..... 1
 Gi1_4257816_x1...gaucggCgacgucgugggaacac..... 1
 Gi3_28761907_x1.....cgugggaacacggCgugccgaa..... 1
 Gi1_4221552_x1.....gCagacgucgugggaacacggggu..... 1
 Gi2_11407413_x1.....aucggagacgucguAggaacacgggg..... 1
 Gi1_4244569_x1.....ucgugggaacacCgggugccgaacu..... 1
 Gi4_567410_x1.....ucgugggaaAacggggugccgaacu..... 1
 Gi2_11036049_x1.....gaacacggggugcUgaac..... 1
 Gi3_28638991_x1.....cgucgugggaAacggggugccgaa..... 1
 Gi3_28669973_x1.....ucUugggaacacggggugccgaa..... 1
 Gi1_4162733_x1.....cggagacgucgugggaacacggCgugcc..... 1
 Gi2_11149538_x1.....acgucgugggaacacggggugUcgaacu..... 1
 Gi3_28455574_x1.....acguGgugggaacacggggugccgaac..... 1
 Gi1_4253439_x1.....gucgugggaacacgCggugccgaacu..... 1
 Gi1_4277685_x1.....agacgucgugggaacacggggugccgCac..... 1
 Gi2_11233788_x1.....cggagacgucguggAaacacggggu..... 1
 Gi1_4358604_x1.....cgGgggaacacggggugccgaa..... 1
 G1a_6216976_x1...aucggagacgucgGgggaacacggggu..... 1
 Gi2_11016535_x1.....gggaacacggggugcUga..... 1
 Gi5_8964123_x1.....gggaacacggggugccgaaA..... 1
 Gi2_11052448_x1.....cgucgugggaacacggggCgccgaa..... 1
 Gi3_28766777_x1.....Cgagacgucgugggaaca..... 1
 Gi3_28456851_x1.....uAggagacgucgugggaacacggggu..... 1
 Gi3_28301402_x1.....gagGcugcugggaacacggggu..... 1
 Gi3_28748198_x1.....cggagacgucgCgggaacacggg..... 1
 Gi1_4321434_x1...ucggagacgucgugggCacacggggugcc..... 1
 Gi3_28976737_x1...gaucggagacgucguCggaacacgg..... 1
 Gi3_28402393_x1.....ggagacgCcgugggaacacggggugccg..... 1
 Gi2_11134312_x1.....gucgugggaacacggggugccgG..... 1
 Gi2_11383108_x1.....gacgAcgugggaacacggggugccgaacu..... 1
 Gi2_11262347_x1.....gaaGacggggugccgaacu..... 1
 Gi2_11194019_x1...aucggagacgucguggAaacacggggugccg..... 1
 Gi5_8921524_x1.....cggaCacgucgugggaacacg..... 1
 Gi3_28674117_x1.....gagacgCcgugggaacacggggugccgaac..... 1
 Gi3_28575449_x1...cgaucggagacgucgugggGacacggggu..... 1
 Gi3_28882310_x1.....gucgugggaacacggggugccAa..... 1
 Gi5_8883901_x1.....gucgugggaacacggggugccgCa..... 1
 Gi1_4246421_x1.....agacgucgugggaGcacggggugccgaac..... 1
 Gi2_11397058_x1...cgaucggagacgucgugAgaacacggggu..... 1
 Gi2_11240731_x1...aucggagUcugcuggggaac..... 1
 Gi3_28984984_x1...aucggagacgucgugggGacacggggugccga..... 1
 Gi5_8946142_x1.....gucgugUgaacacggggugccgaacu..... 1
 Gi5_8849730_x1.....agaNgucgugggaacacggggugccgaacu..... 1
 G1a_6319343_x1...gcgaAcggagacgucgug..... 1
 G1a_6316795_x1...aucggagacgucgugggC..... 1
 Gi3_28442018_x1.....agacgucgugUgaacacggggugccgaacu..... 1

Gi4_614278_x1ugggaGcacggggugccgaacu..... 1
 Gi2_11342860_x1.....aucggagaUgucgugggaacacg..... 1
 Gi3_28313448_x1.....acgucgugggaacacggggugUcga..... 1
 Gi3_28601525_x1.....ggagacgucgugggaacacgggCugcc..... 1
 Gi3_28600104_x1.....gaucggaAacgucgugggaacacggggugc..... 1
 Gi2_11119190_x1.....Ugucgugggaacacggggug..... 1
 Gi2_11055218_x1.....cggagacgucgugggaacaAgggggugcc..... 1
 Gi3_28454039_x1.....cgauccgagaGgucgugg..... 1
 Gi1_4360945_x1.....gugggaacacggggAgcc..... 1
 Gi4_606299_x1.....gggaacGcggggugccgaacu..... 1
 Gi3_28904865_x1.....aacacggggugUcgaacuu..... 1
 Gi5_8997585_x1.....gagacgucgugggaacGcggggugcc..... 1
 G1a_6228342_x1.....gcgaGcgggagacgucgug..... 1
 Gi1_4377921_x1.....ucggagacgucgugggaacacgggguCcc..... 1
 Gi3_28302717_x1.....cgugggUacacggggugccgaa..... 1
 Gi3_28452897_x1.....cggagacgucguggAaacacggg..... 1
 Gi3_28301455_x1.....ugggaacacCgggugccga..... 1
 Gi2_11303807_x1.....cgucgugggaAacggggug..... 1
 Gi2_11399827_x1.....cgucguCggaacacggggugccgaacu..... 1
 Gi2_11155321_x1.....cggagacgucguAggaacacgggg..... 1
 Gi3_28953795_x1.....acgCcgugggaacacggggugc..... 1
 Gi1_4307621_x1.....aacacgggguCccgaacu..... 1
 Gi3_28442290_x1.....gagacgucgugggaCcacggggu..... 1
 Gi3_28899503_x1.....Cacgucgugggaacacggggugccgaa..... 1
 Gi2_11035066_x1.....ucggagacgucgCgggaacacggggugccga..... 1
 Gi5_9110337_x1.....ucgCgggaacacggggugcc..... 1
 Gi3_28389100_x1.....gacgucguggCaacacggg..... 1
 Gi5_8954413_x1.....aAacgucgugggaacacggggugccgaacu..... 1
 Gi5_8840468_x1.....gucgugggaacacUgggugccgaacu..... 1
 Gi1_4243250_x1.....guggAaacacggggugcc..... 1
 G1a_6280664_x1.....aucggagacgucgugggaacacggggAug..... 1
 Gi1_4161799_x1.....gugAgaacacggggugcc..... 1
 Gi3_28446946_x1.....ucCgagacgucgugggaacacggggu..... 1
 Gi4_613587_x1.....aucggagacgucgugggaacacg..... 0
 Gi3_28372282_x1.....gacgucgugggaacacgggA..... 1
 Gi5_9000862_x1.....cgugggaacacggggAgccga..... 1
 Gi5_9075728_x1.....gagacgucgugggaacac..... 0
 Gi2_10994511_x1.....uNgugggaacacggggugccgaacu..... 1
 Gi3_28496944_x1.....ucgugggaacacggggU..... 1
 Gi2_11335249_x1.....Nucggagacgucgugggaacacggggugc..... 1
 Gi4_593052_x1.....cgucgugggaacGcggggugccga..... 1
 Gi4_594370_x1.....gugggaacaUggggugccgaa..... 1
 Gi2_11120911_x1.....aucggagacgucgCgggaacacggggugccgaacu..... 1
 Gi3_28418242_x1.....ggagacgucgugggaAa..... 1
 Gi5_8930734_x1.....ggaacacgggAugccgaac..... 1
 Gi3_28899904_x1.....cgauccgagacGcugggaacacggggugc..... 1
 Gi2_11165645_x1.....cgauccgagaUgucgugggaacac..... 1

Gi2_11190670_x1.....ucggagacUucgugggaacacggggugc..... 1
 Gi2_11089248_x1.....uggUaacacggggugccgaac..... 1
 Gi2_11292824_x1.....cggagacgucguUggaaca..... 1
 Gl1a_6186868_x1...gcgauccggagacgucgugggaacCcggg..... 1
 Gi2_11266207_x1.....cCugggaacacggggugccg..... 1
 Gi2_11391509_x1.....cgugggaacacggggAgc..... 1
 Gi3_28674695_x1...gaucggagacgucgugggaacCcggggugcc..... 1
 Gi2_11009250_x1...aGcggagacgucgugggaacacggggugccg..... 1
 Gi2_11049112_x1...gaucggagacgucgugggaacacggggugccA..... 1
 Gi1_4254808_x1.....ggGgacgucgugggaacacggggugc..... 1
 Gi4_573284_x1.....gugggaacacggggugccgCac..... 1
 Gi3_28959289_x1.....gacgucguNggaaacacggggugccg..... 1
 Gi3_28844504_x1...cggagacgucgugggaacacggggugcUga..... 1
 Gi2_11386545_x1...gUgauccggagacgucgugggaaca..... 1
 Gi3_28936340_x1.....ugggaacacggggugcGga..... 1
 Gi4_591294_x1...aucggagacgucgugggaacacgggg..... 0
 Gi1_4249470_x1...aucggagaUgucgugggaacacggggugc..... 1
 Gi3_28742930_x1...aNcggagacgucgugggaacacg..... 1
 Gi5_8988460_x1.....gggaacacggggugccga..... 0
 Gi1_4235669_x1...cAgagacgucgugggaacacggggugc..... 1
 Gi3_28457323_x1.....gucgugggaacacggggAgc..... 1
 Gi2_11035292_x1...gaucggagacgucgugggaUca..... 1
 Gi2_11174564_x1.....cgugggCacacggggugccg..... 1
 Gi5_9047761_x1.....gacgucgugggaacacgAggugccgaacu..... 1
 Gi5_9063717_x1.....ggAaacacggggugccgaa..... 1
 Gl1a_5995102_x1.....gucguAggaacacggggugccgaacu..... 1
 Gi3_28690423_x1...gaucggagacgucguAggaaca..... 1
 Gi5_9012986_x1...aucggagGcugcugggaacacg..... 1
 Gi3_28645519_x1.....acgucgugggaacacgCggugccgaacu..... 1
 Gi2_11198754_x1.....gugggaacacgCggugccgaa..... 1
 Gi1_4255536_x1...gaucggagNcugcugggaacac..... 1
 Gi1_4198504_x1...cgUucggagacgucgugggaacacggggg..... 1
 Gi3_28381297_x1.....cgucgAgggaacacggggugcc..... 1
 Gi1_4237513_x1.....gucgugUgaacacggggugccgaac..... 1
 Gi1_4179185_x1...cggagacgucguAggaacacgggg..... 1
 Gi2_11158578_x1...gauNggagacgucguggga..... 1
 Gi2_11299500_x1...gaucggagGcgucgugggaacacgggg..... 1
 Gi3_28339036_x1.....gaacacggggugccCaac..... 1
 Gi3_28870649_x1.....gucgGgggaacacggggg..... 1
 Gi3_28789674_x1.....gucgugggaGcacggggug..... 1
 Gi5_9042409_x1.....cgucgugggaacacggggGgccga..... 1
 Gi2_11303226_x1.....ugggaacacggggugccgCa..... 1
 Gi5_9106071_x1.....ugggaacacggggGgccgaacuuu..... 1
 Gi1_4377175_x1...ggagaUgucgugggaacacggggugcc..... 1
 Gi5_9114621_x1.....gaacacggggugccAaac..... 1
 Gi5_9053840_x1...guggUaacacggggugccgaa..... 1
 Gi2_11291679_x1.....ggaacacggggugGcgaaac..... 1

Gi2_11368360_x1.....acgucgAgggaacacggggugccgaac..... 1
G1a_6294058_x1.....ucggagacgucguggaacaacgggUugc..... 1
Gi2_11349211_x1.....gucgugggaacacggggugcUgaac..... 1
Gi1_4305702_x1.ugcgauccgagacgucgCggga..... 1
Gi3_28690210_x1.....cgucgugggaacacgCggugccgaacu..... 1
Gi2_11193491_x1.....gugggaacacggCgugccg..... 1
Gi2_11344898_x1.....aucggagacgucguggCaacacggggugc..... 1
Gi5_9102765_x1.....acgucgugggaacCcggggugccgaacuuu..... 1
Gi1_4321912_x1.....ggagacgucgugggaCcacggggugccg..... 1
Gi2_11105072_x1.....ucgugggaNcacggggugc..... 1
Gi5_9105896_x1.....aacacggggguAccgaacuuu..... 1
Gi2_11245553_x1.....gagacgucgugggGacacggggugccgaacu..... 1
Gi1_4334723_x1.....Gggagacgucgugggaacacggggugccgaac..... 1
Gi2_11236211_x1.....Ccgugggaacacggggugccgaa..... 1
Gi3_28710470_x1.....ggagacgucgugggaaUacggggugccgaacu..... 1
Gi1_4277803_x1.....guUggaacacggggugccgaac..... 1
Gi3_28631322_x1...cgauccgagaUgucgugggaacacggggugc..... 1
Gi3_28918801_x1...cgauccgagacgucgugggaaAacgggggu..... 1
Gi5_9115802_x1.....gugggaacacggggugccgU..... 1
Gi3_28893236_x1.....Ccgugggaacacggggug..... 1
Gi2_11209537_x1.....agaNucgugggaacacggggugccg..... 1
Gi2_11330853_x1.....ggagacgucgugggaacUc..... 1
Gi3_28827987_x1...cgauccgagacgucgugggaacacgggAug..... 1
Gi3_28798795_x1.....acgucguAggaacacggg..... 1
Gi3_28293718_x1.....cgNgggaacacggggugc..... 1
Gi2_11236329_x1.....gagacgucgugggaacacggggugA..... 1
Gi2_11261665_x1.....gacgucgugggaacacggggugcA..... 1
Gi5_9073909_x1.....cguUggaacacggggugccgaac..... 1
Gi2_11126230_x1...gauccgagacgucgAgggaacacgg..... 1
Gi1_4177961_x1.....gugggaaUacggggugccga..... 1
Gi3_28698046_x1...gcgauccggaUacgucgugggaacacggggugcc..... 1
Gi2_11398198_x1...auAggagacgucgugggaacacgggggu..... 1
Gi3_28371009_x1.....ggagacgucgugggaacacggggugccgaGcu..... 1
Gi3_28928419_x1.....ggagacgucAugggaacacgggggu..... 1
Gi2_11017755_x1.....aucggagacgucgugggaaAac..... 1
Gi2_11345249_x1.....gCagacgucgugggaacacgggggu..... 1
Gi5_8885190_x1.....ucgugggaacacggggugccgaaA..... 1
Gi1_4216602_x1.....ggaacacgggUugccgaacu..... 1
Gi5_9066133_x1.....acgucgugggGacacggggugccg..... 1
Gi1_4210768_x1.....agacgucgugggaacacgAggugccgaacu..... 1
Gi2_11379850_x1.....gaaNacggggugccgaac..... 1
Gi1_4234656_x1.....gacgucgugggaGcacggggugcc..... 1
Gi1_4182240_x1.....cgugggaacacAgggugcc..... 1
Gi3_28301990_x1.....acguGgugggaacacggggugc..... 1
Gi3_28335812_x1.....cguNuggggaacacggggugccga..... 1
Gi1_4176686_x1.....ucggagacgucgugggGacacgggg..... 1
Gi3_28765612_x1.ugcgauccgNagacgucgugggaacacg..... 1

Gi2_11210530_x1.....gacgucGgggaacacggggugccg.....	1
Gi2_11109144_x1...gaGcggagacgucguggga.....	1
Gi2_11261123_x1....aucUgagacgucgugggaacacg.....	1
Gi2_11239154_x1.....cgucguCggaacacggggugccgaac.....	1
Gi5_8915895_x1.....cgugggaacacggggAgccgaac.....	1
Gi3_28934296_x1.....agacgucguggCaacacggggugcc.....	1
Gi2_11089832_x1....aucggagacgucAugggaacacgggg.....	1
Gi2_11077758_x1.....acgucgugggaacacgUggugccgaacu.....	1
G1a_6261597_x1...gaucggagacgucAugggaacacgggg.....	1
Gi3_28809779_x1.....gucgugggaacacggggugccUa.....	1
Gi2_11285368_x1...gaCcgagacgucgugggaacacgggg.....	1
G1a_6008330_x1.....cgGgggaacacggggugccg.....	1
Gi5_9035156_x1.....cacggggugccgaGcuuu.....	1
G1a_6147158_x1....aucGUagacgucgugggaacacggggugccgaacu.....	1
Gi5_8989562_x1.....gugggaacacggAgugcc.....	1
Gi5_8898412_x1.....uNgugggaacacggggugccgaacu.....	1
Gi3_28398226_x1.....gacgucGagggaacacggggugccgaac.....	1
Gi3_28668853_x1...gcgaucggagacgCcgugggaacacggggug.....	1
Gi5_8837433_x1....aucGAagacgucgugggaacacg.....	1
Gi1_4257003_x1.....Ugagacgucgugggaacacggggugccga.....	1
Gi2_11319496_x1.....aacacgggUugccgaacu.....	1
Gi3_28762103_x1...gaucggagacgucgugggaacacgAggu.....	1
Gi5_8964368_x1.....ugggaacacggggugccGacuuu.....	1
Gi2_11109614_x1cugcgauccgagacgucgugggaacacggggug.....	0
Gi1_4241130_x1.....gacgucgugggaacacggggugccgaAA.....	1
G1a_6103203_x1.....agacgucgugggaacacggggCgcgaac.....	1
Gi2_11318445_x1.....gCagacgucgugggaacacg.....	1
Gi2_11152785_x1.....cgugggaacaUggggugcc.....	1
Gi3_28947489_x1....ucggagacgucgugggGacacgg.....	1
Gi1_4316092_x1.....gacgucgugggaacacAgggugccg.....	1
Gi3_28530137_x1.....guUggaacacggggugccgaacu.....	1
Gi2_11114207_x1...gUucggagacgucgugggaacacggggugcc.....	1
G1a_6129081_x1....aucggagCcgucgugggaacacggggug.....	1
G1a_6321477_x1....aucggagacguUgugggaacacggg.....	1
Gi2_11317150_x1.....cgucgugggaacacggUgugccgaacu.....	1
Gi3_28650155_x1.....gggNacacggggugccga.....	1
Gi2_11272081_x1.....agacgucgugggaacacgggg.....	0
Gi1_4347714_x1.....agacgucUugggaacacgggg.....	1
Gi2_11285791_x1.....ggGgacgucgugggaacac.....	1
Gi2_11372141_x1....ucggagCcgucgugggaaca.....	1
Gi5_9117675_x1.....Ugucgugggaacacggggugccgaac.....	1
Gi3_28626393_x1.....ggagacgucgugggaacacggggCu.....	1
Gi1_4162081_x1.....ggNacacggggugccgaacu.....	1
Gi3_28602142_x1....cggagacgucgugggaacacCgggu.....	1
Gi5_8993805_x1.....cAucgugggaacacggggugccgaacu.....	1
Gi2_11392069_x1.....gucgugggaacaUggggugccg.....	1
Gi5_8923156_x1.....ggaacacggggugAcgaac.....	1

Gi4_591374_x1	.....gaacacggggugccgUacu.....	1
G1a_6142400_x1	.....gucguggaacCcgggugccgaacu.....	1
Gi4_613556_x1	.....guggaacacggggCgcccgaacu.....	1
Gi3_28491215_x1	.....gaucggagacgucgugggaacacAgggugcc.....	1
Gi3_28953636_x1	.....uggaacacggggugccgUa.....	1
Gi2_11316561_x1	.....gcgaucgCagacgucguggga.....	1
Gi5_9026386_x1	.....gacgucguggaacacggggugccgaaA.....	1
Gi3_28460633_x1	.....cgucguggaacacggAgugccgaa.....	1
Gi3_28430681_x1	.....ugcgaucggagacgCcguggaacacggg.....	1
Gi4_603506_x1	.....agacgucguggaacacggggGgcc.....	1
Gi1_4181193_x1	.....guggUaacacggggugccgaac.....	1
Gi3_28573965_x1	.....guggaacacgggCugcc.....	1
Gi2_11159305_x1	.....ucggagacgucguggaacac.....	0
Gi2_11318160_x1	.....gucguggUaacacggggugccga.....	1
Gi3_28372241_x1	.....cgaucggagacAucguggaacacg.....	1
Gi2_11019642_x1	.....uggaacacggCgugccga.....	1
Gi3_28314827_x1	.....cgucguggaacGcggggu.....	1
G1a_6122554_x1	.....auNggagacgucguggga.....	1
Gi2_11262405_x1	.....cgucguggaacaUggggugccg.....	1
Gi2_11131470_x1	.....gUucggagacgucgugggaac.....	1
Gi5_9029594_x1	.....cgucAugggaacacggggugccga.....	1
Gi2_11183980_x1	.....uggaacacggggugccAaacuu.....	1
Gi3_28861563_x1	.....aucggagacguAguggaacacgggg.....	1
Gi3_28974874_x1	.....auNggagacgucgugggaacacgggg.....	1
Gi5_8972396_x1	.....uggaacacgggAugccgaacu.....	1
Gi3_28326972_x1	.....ucggaAacgucguggaacacggggugcc.....	1
Gi1_4253521_x1	.....guggaacacAgggugccga.....	1
Gi3_28422833_x1	.....cgaucggagacgucguggaacacggA.....	1
G1a_6054648_x1	.....gaacacggggugUcgaacu.....	1
Gi5_9119231_x1	.....aucggCgacgucguggaacacggggu.....	1
Gi3_28685992_x1	.....agacgucguggaacacAggggugcc.....	1
Gi1_4182911_x1	.....uggaacacCgggugccg.....	1
Gi4_603979_x1	.....ucAgagacgucguggaacacggggugccg.....	1
Gi2_11324113_x1	.....gacgucguggUaacacggggugccgaacu.....	1
Gi3_28987088_x1	.....aucggagaGgucguggaacacggggu.....	1
Gi1_4377717_x1	.....gaacacggggugccgCac.....	1
Gi1_4284375_x1	.....gagacgucguggaacacggggCgcc.....	1
Gi3_28503006_x1	.....gagacgucguggUaacacggggugcc.....	1
Gi3_28451417_x1	.....cggagacgucgCgggaacacg.....	1
Gi5_9103817_x1	.....gagacgucguCggaacacggggugccgaacu.....	1
Gi3_28851917_x1	.....Aagacgucguggaacac.....	1
Gi5_9065787_x1	.....guggaacacggCgugccgaac.....	1
G1a_6086531_x1	.....gaacacggggugAcgaacu.....	1
Gi4_593319_x1	.....uggaacacggggugccgaUcu.....	1
Gi2_11104214_x1	.....gacgucguggaacCcggggugccgaac.....	1
Gi1_4284769_x1	.....gagacgucguggaacacggggGgccgaacu.....	1
Gi1_4235221_x1	.....ggaacacggggugCcgaaacu.....	1

Gi1a_6281835_x1.....aucggagacgucgugCga..... 1
 Gi5_9126542_x1.....ugggaacacggggugccgaaGu..... 1
 Gi4_595893_x1.....gAgggaacacggggugccgaacu..... 1
 Gi3_28869705_x1.....cggagacgucgugggUacacggggugccga..... 1
 Gi5_9099488_x1.....aucggagacgucgCggaacacggggugcc..... 1
 Gi1a_5988080_x1.....aucggagacgucguCggaacacggggug..... 1
 Gi1_4387968_x1.....gagacgucgGgggaacacggggugccgaacu..... 1
 Gi3_28642153_x1..gcgaucggagacgucgugggaaacG..... 1
 Gi1a_6339461_x1..cgauccggaNacgucgugggaaacag..... 1
 Gi1_4260727_x1.....acgucgugggaaacacggggugccA..... 1
 Gi3_28770002_x1.....cggagacgucgugUgaacacggggugccga..... 1
 Gi3_28624244_x1.....ucggagacgucgugggaaAacggg..... 1
 Gi1_4239688_x1.....aucAgagacgucgugggaaacacggggugc..... 1
 Gi1_4171303_x1.....gugggaaAacggggugccga..... 1
 Gi1a_6286273_x1.....auGggagacgucgugggaaacacgggggu..... 1
 Gi1a_6227759_x1..cgauccggagaGgucgugg..... 1
 Gi3_28704965_x1.....acgNcgugggaaacacggggugccga..... 1
 Gi1_4324673_x1.....Cggaacacggggugccgaac..... 1
 Gi2_11359226_x1.....acgucgugggaaacacUgggugccgaacu..... 1
 Gi3_28494275_x1.....gacgucgugggCacacggggugcc..... 1
 Gi3_28466926_x1.....gucgugggaaacacUgggugcc..... 1
 Gi1_4178616_x1.....ggagacgucgugggaaacCgggggu..... 1
 Gi1a_6023786_x1.....cgugggaaacacggggCugcc..... 1
 Gi5_9100188_x1.....cCugggaacacggggugc..... 1
 Gi1_4210379_x1.....gacgucgugggaaacaUggggugccgaacu..... 1
 Gi3_28613246_x1.....aucggagaGgucgugggaaac..... 1
 Gi5_8949968_x1.....gugggaacacggggugccgaGcuu..... 1
 Gi2_11107572_x1..cgauccggagacgucguAg..... 1
 Gi3_28560837_x1.....acgucgugggaaacacggggugccAaac..... 1
 Gi2_10998158_x1.....ucguCggaacacggggugccgaac..... 1
 Gi5_9063834_x1.....aucggagacgucUugggaacacgg..... 1
 Gi3_28399185_x1.....ucCgagacgucgugggaaacacggggugcc..... 1
 Gi3_28624438_x1.....cguGgugggaaacacggggugccgaac..... 1
 Gi3_28537806_x1.....cggagacgucgugggaaacGcac..... 1
 Gi1_4354567_x1.....gagacgucgugggaaacGcggggugcc..... 1
 Gi2_11022005_x1.....gucgCgggaacacggggugccg..... 1
 Gi3_28587914_x1.....ggGgacgucgugggaaacacggggugccg..... 1
 Gi1a_6188193_x1.....auUggagacgucgugggaa..... 1
 Gi1_4297950_x1.....ucgugggaaacCggggugccga..... 1
 Gi1_4176704_x1.....cgucgugggaaacaUggggugccgaacu..... 1
 Gi3_28801094_x1.....ucggagacNucgugggaaaca..... 1
 Gi1a_6261013_x1.....aGcggagacgucgugggaaacacgg..... 1
 Gi2_11039480_x1..gcgaucggagacgucguAggaaca..... 1
 Gi3_28984256_x1..gcgGucggagacgucgugggaa..... 1
 Gi2_11120309_x1.....agacgucguAggaacacggggugccg..... 1
 Gi2_11025720_x1.....cgucgugggaaacaGggggugccga..... 1
 Gi2_11279612_x1..cgauccggagacAucgugg..... 1

Gi5_9000891_x1.....acgucCugggaacacggggugccgaacu..... 1
 Gi3_28628842_x1.....aacacUgggugccgaacuu..... 1
 Gi2_11298832_x1....aucggagacgucgugggaacacggggugccGacu..... 1
 Gi2_11136483_x1..gcgaucggagacgCcgugggaaca..... 1
 Gi3_28351726_x1....gaucggagCcgucgugggaaca..... 1
 Gi1_4253826_x1.....acgucgugggaUacggggugccgaacu..... 1
 Gi4_581493_x1.....aUgucgugggaacacggggugccgaacu..... 1
 Gi3_28320894_x1.....cgucguggCaacacgggg..... 1
 Gi5_9132631_x1.....cgucgugggaacacggggugccgaC..... 1
 Gi1_4298845_x1.....gaacacgggCugccgaacu..... 1
 Gi2_11251930_x1..cgauccgagacgucgugggaacacgg..... 0
 Gi5_8939669_x1...Uaucggagacgucgugggaacacggggugc..... 1
 Gi2_11190268_x1.....cgugggaacacgggAugccg..... 1
 Gi3_28902753_x1.....Agagacgucgugggaacacggggugccgaacu..... 1
 Gi5_9045058_x1....aucggagacgucgugggaCca..... 1
 Gi2_11154024_x1....aAcggagacgucguggga..... 1
 Gi1_4169128_x1.....Gcucgugggaacacggggugccgaa..... 1
 Gi2_11193779_x1.....gucguggGacacggggugccga..... 1
 Gi3_28400109_x1...gaucggagacgucgugggaacacggA..... 1
 Gi3_28620541_x1...gauNggagacgucgugggaacacgggg..... 1
 Gl1_6224006_x1.....gucgugggaacacggggugccgaGcu..... 1
 Gi2_11304191_x1.....cgucgugAgaacacggggugcc..... 1
 Gi2_11045058_x1....aucgCagacgucgugggaacac..... 1
 Gi2_11407721_x1.....gacgucgugggaacacggggCgccc..... 1
 Gi3_28873993_x1.....cgugggaacacgCggugccgaa..... 1
 Gi2_11192409_x1...cgauccgagacgucgugggaacacgggg..... 1
 Gi3_28327131_x1.....gagacgucgugggUacacggggugccg..... 1
 Gi3_28729254_x1...cgauccgagacgucgugggaacCcggg..... 1
 Gi2_11305029_x1....ucggagacgucgugggaUcacgggg..... 1
 Gi3_28857296_x1....aucggagacgucgugggaUacggggugc..... 1
 Gi5_8891410_x1.....acgucgugggaGcacggggugccg..... 1
 Gi1_4347727_x1.....agacgucgugggaacaAggggugcc..... 1
 Gi2_11163189_x1.....ggagacgucAugggaacac..... 1
 Gi5_8919849_x1.....agacgucgugggaacacggggugccgaaUu..... 1
 Gi1_4361548_x1.....gaacacggNgugccgaac..... 1
 Gi2_11174346_x1...cgauccgagaUgucgugggaaca..... 1
 Gi3_28736345_x1.....ggagacgucgCgggaacacggggugccg..... 1
 Gi1_4158961_x1.....cgucgAgggaacacggggugccgaacu..... 1
 Gi2_11168655_x1.....gacgucgugggaacacggggUaccga..... 1
 Gl1_6171207_x1.....Agagacgucgugggaacac..... 1
 Gi3_28564823_x1...cUaucggagacgucgugggaacacggggugccgaacu..... 1
 Gi2_11041503_x1....aucggagacguGgugggaacacgggg..... 1
 Gi1_4372300_x1.....ugggaUcacggggugccga..... 1
 Gl1_6307046_x1.....cgugggaacacgggAugcc..... 1
 Gi3_28629260_x1...gaucggagacgCcgugggaacacggggugc..... 1
 Gi2_11370912_x1.....gCcgucgugggaacacggggugc..... 1
 Gi5_8977847_x1....aucggagacgucguggAaacacgggg..... 1

Gi2_11270234_x1....Cucggagacgucgugggaacacggggu..... 1
Gi2_11253814_x1.....gNgggaacacggggugccgaacu..... 1
Gi3_28558724_x1....aucggagacgucgugggaacacggggugUcga..... 1
Gi4_606850_x1.....cgugggaacUcggggugccgaacu..... 1
Gi2_11167320_x1....aucggagacgucgugggaacacgCg..... 1
G1a_6072823_x1.....gucgugggaacacggggUaccgaacu..... 1
Gi5_8863159_x1.....agacguAgugggaacacggggugccgaac..... 1
G1a_6280823_x1....Nucggagacgucguggga..... 1
G1a_6178501_x1....aucgCagacgucgugggaacacggg..... 1
Gi5_8895035_x1.....ggaacacggCgugccgaacu..... 1
Gi2_11175619_x1.....gagacguUgugggaacacggggugc..... 1
Gi5_8974345_x1....ucggagacgucgugggaacacggggCgc..... 1
Gi2_11373772_x1....aucggagacgucguggUaacacggggugcc..... 1
Gi2_10994775_x1.....gUgacgucgugggaacacggg..... 1
Gi2_11056573_x1.....cgucguAggaacacggggug..... 1
Gi5_8990613_x1....aucggagacgucgugggaacaUggggugc..... 1
G1a_6113358_x1....gaucggagacgucgugggaacCcgg..... 1
Gi3_28513312_x1.....acgucgugggaacacggggugGc..... 1
Gi3_28859908_x1....ucggagacgucgugggaacacggggugUc..... 1
Gi2_11278921_x1.....gugggaacaAggggugccgaacu..... 1
G1a_6214333_x1.....cgugggGacacggggugccgaac..... 1
Gi2_11298417_x1....gaucggagUcugcuggggaacacgggg..... 1
Gi5_9122159_x1.....acgucgugCgaacacggggugccg..... 1
Gi3_28465492_x1..ugUgaucggagacgucgugggaacacggggugcc..... 1
Gi2_11160046_x1....gaGcggagacgucgugggaac..... 1
Gi2_11143217_x1..gcgaucggNgacgucguggga..... 1
G1a_6305844_x1.....ggaacacggggugccgaUc..... 1
G1a_6140283_x1.....gaacacggggugccgaGc..... 1
Gi2_11272892_x1.....gucguAggaacacgggggu..... 1
Gi1_4352531_x1....aucggagacgCcgugggaacacggggugc..... 1
Gi3_28890027_x1.....ggagacgucguggCaacacggggugcc..... 1
Gi2_11051990_x1.....ucguCggaacacggggugccg..... 1
Gi5_8869645_x1.....agacguUgugggaacacggggugccgaac..... 1
Gi3_28854988_x1.....gucguAggaacacggggugccgaa..... 1
G1a_6037056_x1..ugcgaucggagacguUgug..... 1
Gi5_9128118_x1.....guGgugggaacacggggugc..... 1
Gi3_28701466_x1....Uucggagacgucguggga..... 1
Gi3_28436183_x1.....ucgugggaacacggggAgccga..... 1
Gi5_9112485_x1.....Cggaacacggggugccgaa..... 1
Gi3_28961014_x1.....ggagacgucgugggaacacggggUuccgaacu..... 1
Gi3_28346618_x1....aucggagacguAgugggaacacgg..... 1
Gi2_11271014_x1....gaCcgagacgucguggga..... 1
Gi5_9030484_x1.....acgucgugggaUcacggggugccgaacu..... 1
Gi2_10995459_x1....ucggagacgucgugggGacacgggg..... 1
Gi1_4312408_x1.....acgucgugggaacacggggUaccgaacu..... 1
Gi5_9100563_x1.....acgAcgugggaacacggggugccgaac..... 1
Gi2_11313016_x1....ucggCgacgucgugggaacacg..... 1

Gi5_8844974_x1.....gugggaacaAggggugccgaa..... 1
 Gi1_4259484_x1....Naucggagacgucguggg..... 1
 Gi2_11225268_x1.....cggagacgucgCgggaacacggggugc..... 1
 Gl1a_6303357_x1.....ggaacacggggugccgaaUu..... 1
 Gl1a_6079701_x1.....ucggagacgucgugCgaacacgg..... 1
 Gi5_9130544_x1.....acgucgugggaacacggggugcAg..... 1
 Gi3_28710754_x1.....guCggaacacggggugcc..... 1
 Gi3_28505328_x1....cgauccggagacguUgugggaacacg..... 1
 Gi5_8886784_x1....aucggagacgucgugggaacacggggCgcc..... 1
 Gi2_11302484_x1....aucggagacgucUugggaacacg..... 1
 Gi2_11287943_x1....ucggagacgucgugggaacGcg..... 1
 Gi1_4294549_x1.....gAgggaacacggggugcc..... 1
 Gi1_4296635_x1.....ggagacgucguggGacacggggugccgaacu..... 1
 Gi2_11027353_x1.....uUgugggaacacggggugccgaa..... 1
 Gi1_4267097_x1.....gacgucguNggaacacggggugccgaac..... 1
 Gi3_28511219_x1.....ugggaacacggUgugccga..... 1
 Gl1a_6262369_x1....aucggagacguAgugggaacacg..... 1
 Gi2_11332785_x1....ucggagacgucgugggaacacgAggu..... 1
 Gi2_11290378_x1.....Ugucgugggaacacggggugccgaa..... 1
 Gi1_4221530_x1.....cgugggaacacggggugccgaUcuu..... 1
 Gi5_9054377_x1.....gacgucguAggaacacggggugccgaacu..... 1
 Gi5_9127786_x1.....acgucgugggaacacgggAugccgaacu..... 1
 Gi2_11171666_x1.....gucgugggNacacggggugc..... 1
 Gi2_11403068_x1....cggagacAucgugggaacacggggugc..... 1
 Gi2_11211176_x1....aucggagacguAgugggaac..... 1
 Gi3_28566894_x1.....gugggaacacggguUcc..... 1
 Gi2_11207748_x1....acgucgugggaacacggggugccAaac..... 1
 Gi1_4199651_x1.....ucguAggaacacggggugc..... 1
 Gi5_8900987_x1.....Ugucgugggaacacggggugc..... 1
 Gi3_28650630_x1.....gucgugggaacacggggugccgaaAuu..... 1
 Gi3_28288612_x1.....gucguggAaacacggggugcc..... 1
 Gl1a_6192155_x1....aucggagacgucguAggaacacgg..... 1
 Gi3_28488260_x1....ucgugggaacacggggugccgaG..... 1
 Gi4_608543_x1.....cgugggaGcacggggugccgaacu..... 1
 Gi2_11331791_x1..Acgaucggagacgucgugggaaca..... 1
 Gi4_595022_x1.....Uugggaacacggggugccg..... 1
 Gl1a_6339257_x1.....gaacacggAgugccgaac..... 1
 Gi1_4330232_x1.....uggNaacacggggugccga..... 1
 Gi2_11006347_x1....cggagacgucgugggaacacggggugccgaGc..... 1
 Gi3_28395349_x1....aucggagacgucguUggaacacggggugcc..... 1
 Gi3_28547721_x1....gaucggagacgucgugggaacaUgggu..... 1
 Gi3_28309083_x1....ucggagacgucguAggaacacggggugc..... 1
 Gi1_4213625_x1....Uaucggagacgucgugggaacacg..... 1
 Gi2_11060232_x1....cgugggaacUcggggugccgaa..... 1
 Gi5_9071436_x1....aucggGgacgucgugggaacacgg..... 1
 Gi2_11305820_x1.ucggaucggagacgucAugggaacac..... 1
 Gi4_608645_x1....acgucgugggaacacggggugcAgaacu..... 1

Gi5_9089283_x1.....cgugggaacacggggugccgUacuu..... 1
G1a_6105247_x1.ugcgauccgagUcgucgu..... 1
Gi2_11160656_x1.....cCgagacgucgugggaacacggggugcc..... 1
Gi3_28646314_x1...gaucggagacgucguCggaacacgggg..... 1
Gi2_11184770_x1.....cUgagacgucgugggaacacggggugccgaacu..... 1
Gi1_4166431_x1.....acgucgugggaacacggggugccgaaA..... 1
Gi5_9016641_x1.....gugggaacacgAggugccgaacu..... 1
Gi2_11266200_x1.....cggagacgucgugggaacacggggAgc..... 1
Gi2_11086847_x1.....cgucgugggaacacggggugcGgaac..... 1
Gi1_4209235_x1.....gggaacacggggugccgaU..... 1
Gi3_28951107_x1...gaGcggagacgucgugggaacacg..... 1
Gi3_28437187_x1.....ggagGcgucgugggaacacggggugccg..... 1
Gi1_4250914_x1.....gagacgucgugggaacacggggAgccgaacu..... 1
Gi2_11306787_x1.....guNgugggaacacggggugccgaacu..... 1
Gi3_28457155_x1.....agacgucgugggaacacggAgugccgaac..... 1
Gi1_4334606_x1...auUggagacgucgugggaacac..... 1
Gi1_4190714_x1...aucggagacgucUugggaacacg..... 1
Gi2_11332576_x1.....cgugggaacacggggGgcc..... 1
Gi2_11052770_x1.....ggagacgucAugggaacacggggugc..... 1
Gi3_28496450_x1.....ucggagacgucguAggaacacg..... 1
Gi2_11108648_x1.....ugggaAacggggugccg..... 1
Gi3_28327253_x1...cgauccgagacgucgugggaacacggggCgc..... 1
Gi1_4283632_x1.....gugggUacacggggugccgaa..... 1
Gi4_602801_x1.....gugggGacacggggugccgaac..... 1
Gi2_11093274_x1.....gucgugggUacacggggugc..... 1
Gi5_8861451_x1...gaucggagacgucgugggaac..... 0
Gi3_28654984_x1.....Cagacgucgugggaacacggggugcc..... 1
Gi3_28677495_x1.....cgugggaacacgggUugccgaac..... 1
Gi5_9119523_x1.....acgucgugggaacCggggugccg..... 1
Gi5_9009504_x1.....gugggaacacggggugccAaacuuu..... 1
Gi2_11293822_x1...aucggagUcgucgugggaacacggggugcc..... 1
Gi2_11263006_x1...ucggagGcgucgugggaacacggggg..... 1
Gi1_4311416_x1...Ccgagacgucgugggaacacggggugc..... 1
Gi2_11219382_x1...cgaucUgagacgucguggga..... 1
Gi4_592287_x1.....ggUacacggggugccgaac..... 1
Gi1_4262596_x1.....gugggaacaUggggugccga..... 1
Gi5_8961587_x1...gaucggagacgucgAgggaacacgg..... 1
Gi5_8925292_x1.....agacgucgGgggaacacggggugcc..... 1
Gi5_9099013_x1.....aacacggggGgccgaacu..... 1
Gi3_28358830_x1.....acgucgugggaacacggggugccCaac..... 1
Gi3_28664626_x1.....Ngugggaacacggggugcc..... 1
Gi2_11022390_x1.....cgucgugggaGcacgggg..... 1
Gi1_4176967_x1.....cgugggaacaAggggugccgaacu..... 1
Gi1_4159719_x1.....Ccgugggaacacggggugccgaacu..... 1
Gi5_8865464_x1.....Ggucgugggaacacggggugccgaacu..... 1
Gi2_11257083_x1.....ucggagacgucgugggaacCgggg..... 1
Gi1_4313346_x1.....ugggaacacAgggugccgaa..... 1

Gi3_28535604_x1..gcgaucAgagacgucguggga..... 1
Gi5_8898557_x1.....agacgucAugggaacacggggugccgaacu..... 1
Gi1_4365450_x1.....gCgaacacggggugccgaac..... 1
Gi2_11000973_x1.....cgugggaacacggCgugccga..... 1
Gi5_8896638_x1.....cggagacgucgugggaacacAgggugccga..... 1
Gi5_8903105_x1.....agacgucgugggaacacggggugccgaCcu..... 1
Gi2_11362225_x1..gGgaucggagacgucgugggaaca..... 1
Gi5_9079270_x1.....gcccugcuAcccaccuucgcccaguuucg..... 1
Gi2_11319461_x1.....ucgugggaacacggggugGcgaac..... 1
Gi2_11322121_x1.....gacgucgugggaacacggggugU..... 1
Gi3_28846454_x1.....Uggagacgucgugggaacac..... 1
Gi1_4188484_x1.....ucgNgggaacacggggugccgaac..... 1
Gi3_28800214_x1.....ucggagacgucgugggaUcacg..... 1
Gi2_11227396_x1.....ugggaacacggggugccgaaAuu..... 1
Gi1_4171750_x1.....gaacacgggAugccgaacuu..... 1
Gi3_28316678_x1....aucggagacgucgugggaacaUgggg..... 1
Gi1_4213114_x1....aucggagacgucgugggGacacg..... 1
Gi5_8941019_x1....gagacAucgugggaacacggggugccgaacu..... 1
Gi2_11382090_x1.....ucguAggaacacggggugccgaa..... 1
Gi5_8835117_x1.....cgugggaacacggggugUcga..... 1
Gi3_28599540_x1....gaucggCgacgucgugggaacacggggugcc..... 1
Gi5_8992399_x1....cggagacgucgAgggaacacggggugcc..... 1
Gi1_4362612_x1.....ugggaacacggggugccgaC..... 1
Gi4_597154_x1.....Nugggaacacggggugccgaacu..... 1
Gi5_8965801_x1....aucggagacgucgugAgaacacg..... 1
Gi5_8903733_x1.....ggaacacggggugGcgaac..... 1
Gi2_11360876_x1....aucggagacgucguCggaacacgggggu..... 1
G1a_6111553_x1....aucggagacgucgAgggaacac..... 1
Gi3_28426457_x1.....agUcgucgugggaacacgggg..... 1
Gi3_28507297_x1.....ggagacgucgugggaacacggggugcAg..... 1
Gi2_11099548_x1.....gggaacacggggguUccgaac..... 1
Gi5_8833249_x1.....agacgucgugggaacacggggugcAgaacu..... 1
Gi3_28607986_x1.....ggaacacgggCugccgaac..... 1
Gi3_28571767_x1.....gacgucgugggaacacggggugccA..... 1
Gi5_9012929_x1.....gacgGcgugggaacacggggugccgaacu..... 1
Gi5_9031246_x1....gaucggagacgucguggaaAacgg..... 1
Gi1_4367622_x1.....ucgugggaacacggggAgcc..... 1
Gi2_11028325_x1.....gacgucgugggaUacggggugccgaacu..... 1
Gi1_4277707_x1.....gacgucgugggaacacggggugccgaaGu..... 1
G1a_6353456_x1.....gagacgucgugggaacCcgggugccgaacu..... 1
Gi1_4306040_x1.....acgucgugggUacacggggugccg..... 1
Gi2_11184009_x1.....agacgucgugggaacacggggugccA..... 1
Gi3_28497246_x1....ucggagacgucgugggCacacggggugccgaacu..... 1
Gi2_11063626_x1.....gagacgucgugggaacacggggugccgaacA..... 1
Gi1_4308042_x1.....gugggaUcacggggugccgaacuu..... 1
G1a_6188484_x1....cgaucggGgacgucgugg..... 1
Gi2_11393531_x1.....agacgucgugggaacacggggUaccg..... 1

Gi3_28574005_x1..gGgaucggagacgucgugggaaacacggggugcc.....	1
Gi2_11352400_x1.....ggagacgucgugggaaacacgg.....	0
Gi3_28705546_x1.....gacgucgugggaaacacAgggugccg.....	1
Gi4_594957_x1.....ggUaacacggggugccgaacu.....	1
Gi5_9134122_x1.....gggaaAacggggugccgaac.....	1
Gi2_11208892_x1.....gAcgugggaaacacggggugccgaac.....	1
Gi3_28541296_x1.....gucgugggaaacacgggCugccgaac.....	1
G1a_6160371_x1.....cggagacgucgugggaaacacggggGg.....	1
Gi2_11339040_x1.....aucggagacgucgugggaaacacggggguAccga.....	1
Gi1_4276778_x1.....cgucgugggGacacggggugcc.....	1
Gi1_4389983_x1.....uCggaacacggggugccgaac.....	1
Gi4_609071_x1.....gCgggaacacggggugccgaa.....	1
Gi5_8861773_x1.....cguAgugggaaacacggggugc.....	1
Gi1_4243984_x1.....ucgugggaaacacggCgugc.....	1
Gi3_28365802_x1.....cgNagacgucgugggaaacacggg.....	1
Gi4_585450_x1.....gugggaacacggggugccCaa.....	1
Gi2_11296848_x1.....ucggGgacgucgugggaaacacggggugccgaac.....	1
Gi3_28474406_x1.....ggagacgucgugggaaacacggAgugccgaa.....	1
Gi5_9004407_x1.....Ngucgugggaaacacggggugccgaacu.....	1
Gi1_4334945_x1.....cgucgugggaaacacggggugccgaacG.....	1
Gi1_4379517_x1.....cgugggaaacacgCggugccgaa.....	1
G1a_6196312_x1...gaucggagacguAguggg.....	1
G1a_6129432_x1.uUcgaucggagacgucgugggaaacac.....	1
G1a_6013003_x1...gaucggagacgucgugggaaacacggggg.....	1
Gi3_28555284_x1...gaucggagacgucgugggGacacggggugccg.....	1
Gi2_11235612_x1.....cgucgugggaaacacggggugcAgaac.....	1
Gi2_11232290_x1.....gugggaacacgggCugccgaa.....	1
Gi2_11326686_x1.....gagacAucgugggaaacacggggugccgaac.....	1
Gi5_8844882_x1.....aGgucgugggaaacacggggugccga.....	1
Gi3_28460163_x1cugcgaucUgagacgucg.....	1
Gi2_11017046_x1.....acgucgugggaaacacggggugccgG.....	1
G1a_6120281_x1.....ucggagacgucgAgggaacacgg.....	1
Gi3_28277327_x1.....ggagacgucgAgggaacacgggg.....	1
Gi3_28369533_x1.....cgugggaaUacggggugccgaa.....	1
G1a_6227138_x1.....ggaacaGggggugccgaacu.....	1
Gi3_28612445_x1.....uNggaacacggggugccgaa.....	1
Gi3_28284399_x1.....gucgugggaaacacggggA.....	1
Gi2_11184580_x1...aucgCagacgucgugggaaacacggggug.....	1
Gi3_28948528_x1.....gucgugggCacacggggugc.....	1
Gi5_8851618_x1.ugcgaucggCgacgucguggg.....	1
Gi3_28731951_x1.....cgugggaaacacggggugcAg.....	1
Gi2_11296746_x1.....ggagacgucAugggaacacggggugccgaacu.....	1
Gi2_11188468_x1...Caucggagacgucguggg.....	1
Gi2_11158027_x1.....Nggaacacggggugccgaacu.....	1
Gi4_613763_x1.....cggagacgucgugggaaacacgggg.....	0
Gi5_8914105_x1...gaucggagacgucgugggGacacgggg.....	1
Gi2_11114585_x1.....cgucgugggaaacGcggg.....	1

Gi2_11104901_x1.....gggaacacggggugccgUac..... 1
 Gi2_11051332_x1...gUucggagacgucgugggaaacacggggug..... 1
 Gi3_28364915_x1.....ucggagUcgucgugggaaacacg..... 1
 Gi1_4344238_x1.....gucgugggGacacggggugcc..... 1
 Gi3_28519045_x1.....gacgucgugggaaacacggggugccAaac..... 1
 Gi3_28878021_x1.....acgucgugggaaacacggggCgccga..... 1
 Gi3_28850112_x1.....agacguUgugggaaacacggggugcc..... 1
 Gi3_28671047_x1...cgaucggagacgucgCgg..... 1
 Gi5_8947473_x1.....guggaaacacCgggugccgaacuuu..... 1
 Gi3_28401243_x1.....ggUgacgucgugggaaacacggggugccgaacu..... 1
 Gi4_594598_x1.....cAucgugggaaacacggggugccgaacu..... 1
 Gi4_607109_x1.....aacacggggCgccgaacu..... 1
 Gi2_10996622_x1.....acAucgugggaaacacggg..... 1
 Gi1_4346547_x1.....aNcacggggugccgaacu..... 1
 Gi3_28452059_x1....aucggagacgucgugggaaacacgUgg..... 1
 Gl1a_6063260_x1.....uggaaacacggggugccgCac..... 1
 Gi2_11048757_x1.....cAucgugggaaacacggggugccga..... 1
 Gi5_8970834_x1....aucggagacgCcgugggaaacacgggg..... 1
 Gl1a_6249423_x1.....cgugggaaacacggggGgcc..... 1
 Gl1a_6239939_x1.....ggagacgucgCgggaacac..... 1
 Gl1a_6087919_x1....ucUgagacgucgugggaaacacggg..... 1
 Gi3_28282921_x1.....ggagacgucgCgggaacacggggugccgaa..... 1
 Gi1_4195548_x1.....cgggaCacgucgugggaaacacggggugc..... 1
 Gi2_11273812_x1.....cgucgugggaaacacgggA..... 1
 Gl1a_6038099_x1.....gggaacacgUggugccgaacu..... 1
 Gi3_28889951_x1.....guCggaacacggggugccga..... 1
 Gi3_28512206_x1.....ggagacgucgugggGca..... 1
 Gl1a_6159069_x1.....guggaaacacgggUugccgaacu..... 1
 Gi1_4372224_x1.....Ggacgucgugggaaacacggggugccg..... 1
 Gi2_11038868_x1...cgaucggagGcgucgugggaaacacgggggu..... 1
 Gi1_4252520_x1.....gacgucgugggCacacggggugccgaacu..... 1
 Gi3_28394609_x1.....agacgucgugggaaacacggUgugcc..... 1
 Gl1a_6325276_x1.ugcgauccggagCcgucgug..... 1
 Gi5_8956715_x1.....Nuggaaacacggggugccgaac..... 1
 Gi3_28507296_x1.ugcgauccggagacgucgugggGacacg..... 1
 Gi1_4239348_x1.....ugggaUcacggggugccg..... 1
 Gi3_28285221_x1....aucggagacgucgugggaaacacggggugcG..... 1
 Gi4_586926_x1.....gugggaCcacggggugccga..... 1
 Gi3_28919192_x1.....acgucgugggaaacacggggugccUaac..... 1
 Gi5_9093292_x1.....guggaaacacggggugccUaa..... 1
 Gi3_28632582_x1.....aGgucgugggaaacacggggugccg..... 1
 Gi3_28569282_x1.....aacacggggugccgaaAuu..... 1
 Gi5_9027741_x1.....cguggaaacacgggAugcc..... 1
 Gi3_28699517_x1.....gggaacUcggggugccgaac..... 1
 Gi2_11299864_x1.....gacgucgugggaaacacggAgugc..... 1
 Gi1_4193166_x1.....guUggaacacggggugccga..... 1
 Gi2_11243474_x1.....agacgucgugggaaacacggggguAcc..... 1

Gi2_11022979_x1.....acgucgugggaacacggUgugccgaacu..... 1
Gi3_28972920_x1.....acguAgugggaacacggggugcc..... 1
Gi5_8917688_x1.....gugggaacacggggugcUgaacuu..... 1
Gi3_28956126_x1...gaucggaAacgucgugggaacacgggg..... 1
Gi1_4166878_x1...gaucggagacgucgugggaCcacgg..... 1
Gi4_568415_x1.....Uagacgucgugggaacacggggugccgaacu..... 1
Gi2_11153955_x1.....gacgucgugggaacacggCgugccgaac..... 1
Gi3_28275871_x1.....cggNgacgucgugggaacacgggg..... 1
Gi2_11067626_x1.....gggaacacggggugccCaac..... 1
Gi2_11102839_x1..gcgaucggagacgucgugggaacaAggggugc..... 1
G1a_6359687_x1.....ucggagacgCcgugggaacacggg..... 1
Gi1_4280795_x1.....gucgugggaacacggggAgccgaacu..... 1
Gi1_4187439_x1.....acgucgugggaacacggggugUcgaac..... 1
Gi3_28589088_x1.....ucgugggaacacggggugUcгаа..... 1
Gi1_4357935_x1.....gGgacgucgugggaacacgggg..... 1
Gi2_11304930_x1.....ugggCacacggggugccga..... 1
Gi2_11232949_x1.....agacgucgugggaacacggUgugcc..... 1
Gi2_11077724_x1.....ugggaaUacggggugccg..... 1
Gi2_11027849_x1...gaucggagacgucguggUaacacggggug..... 1
Gi3_28888607_x1....aucggagacguUgugggaacacgggg..... 1
Gi1_4357204_x1.....cgugggaUcacggggugccgaacu..... 1
Gi5_8849632_x1.....agacgCcgugggaacacgggg..... 1
Gi1_4220646_x1.....cgucguUggaacacggggugccgaacu..... 1
Gi2_11400935_x1...gaucggagacgucgugggCacacggggugcc..... 1
Gi5_8877379_x1.....cgucgugAgaacacggggugccgaac..... 1
Gi1_4363673_x1....aucggagacgucgugggCacacg..... 1
Gi5_9070564_x1.....cCugggaacacggggugcc..... 1
Gi3_28494686_x1.....acgucgugggaCcacggggugccga..... 1
Gi2_11073122_x1.....gacguUgugggaacacggggugccgaacu..... 1
Gi2_11200928_x1.....aAacgucgugggaacacggggugccgaac..... 1
Gi3_28588148_x1.....gucgugggaacacggCgugccgaacu..... 1
Gi1_4305764_x1.....Ggucgugggaacacggggugccg..... 1
Gi2_11009426_x1.....uggNaacacggggugccga..... 1
Gi2_11252218_x1....aucggagacgucgugggaacacgUggugc..... 1
Gi5_8978110_x1....Ccgagacgucgugggaacacggggugc..... 1
Gi3_28478293_x1.....acgucgAgggaacacggggugccgaac..... 1
Gi3_28554867_x1....aucggagacgucgAgggaacacggggugc..... 1
Gi2_11284162_x1....aucggagacgucgugUgaacac..... 1
Gi1_4192915_x1.....acgucgugggaacacggggugccgaacAu..... 1
Gi3_28291438_x1....ucggagacgucgugggaAacgggg..... 1
Gi2_11295142_x1...gaucggagacgucgugggaacacggggugcU..... 1
Gi2_11350851_x1....cggagacgAcgugggaacacgggg..... 1
Gi3_28873776_x1cugcgauccgagacgucgugggaacacggggugcc..... 0
Gi5_8877721_x1.....gagacgucgugggaacacggggugUcgaacu..... 1
Gi2_11374229_x1...gauNggagacgucgugggaacacgggg..... 1
G1a_6241761_x1..ugcgauccggagGcgucgug..... 1
Gi3_28604531_x1.....agacgucguUggaacacggggugccгаа..... 1

Gi5_9105805_x1.ugcgauccgagacgucgugg.....	0
G1a_6141618_x1.....gugggaGcacgggugccg.....	1
Gi3_28454411_x1...cgauUggagacgucgugg.....	1
Gi2_11082683_x1.....cggagacgucgugggUacacggggugcc.....	1
Gi3_28387432_x1.....Ngaacacggggugccgaa.....	1
Gi3_28279255_x1..gcgauccgagacgucgugggaacacggggCg.....	1
Gi2_11313238_x1.....gacgucgugggaacacggAgu.....	1
Gi2_11215260_x1...gaucggagacgAcgugggaacac.....	1
Gi3_28443476_x1.....ucguggCaacacggggugccgaac.....	1
Gi2_11021657_x1.....ggagGcgucgugggaacacggggugccgaacu.....	1
Gi3_28287834_x1.....Ggacgucgugggaacacggggugccga.....	1
Gi1_4217413_x1....uGggagacgucgugggaacacg.....	1
Gi2_11190543_x1.....gaacacggggguCccgaac.....	1
Gi2_11135581_x1.....gucgugggaGcacgggugcc.....	1
G1a_6302010_x1....aucggagacgucguggUa.....	1
Gi3_28295471_x1.....ucgugggaacacggggugcGgaa.....	1
Gi3_28611430_x1..gcgauccgNgacgucgugggaaca.....	1
Gi5_8830864_x1....aucggUgacgucgugggaacacg.....	1
Gi3_28638901_x1.....cggagacgucgugggaacCggggugccgaacu.....	1
Gi2_11207526_x1.....aacacggggguCccgaacu.....	1
Gi3_28520225_x1.....cggagacgucgugggaacacgCg.....	1
Gi2_11269507_x1....ucggagaUgucgugggaacacggggugc.....	1
Gi3_28292654_x1.....cgugggaacacggggugccgaU.....	1
Gi4_582188_x1....cgucguggAaacacggggugccgaacu.....	1
Gi1_4302833_x1.....ggagacgucgugggaCcacggggugcc.....	1
Gi3_28277829_x1....ucggagCcgucgugggaacacgggggu.....	1
G1a_6309359_x1.....ggUgacgucgugggaacacggggugc.....	1
Gi5_8851294_x1.....agacAucgugggaacacggggugc.....	1
Gi3_28768269_x1..gcgauccgagCcgucgugggaacacggg.....	1
Gi5_9116610_x1.....gugggaacacgggCugccgaac.....	1
Gi3_28424450_x1....aucggagacgucgGgggaacac.....	1
Gi3_28421987_x1.....ggaacaUggggugccgaa.....	1
Gi3_28520791_x1.....gacgCcgugggaacacgggg.....	1
Gi2_11361272_x1.....gagacgucguggCaacacggggugccg.....	1
Gi4_577034_x1....uCggaacacggggugccgaacu.....	1
Gi2_11138332_x1.....ucgugggaUcacggggugccg.....	1
Gi3_28700959_x1.....gucgugggaCcacggggugcc.....	1
Gi2_11400506_x1....aucggagacgucgugggaacacggggCgccg.....	1
Gi3_28486721_x1.....gacgucgugggaacacgAggu.....	1
Gi2_11121382_x1....Nucggagacgucgugggaacac.....	1
Gi2_11131858_x1.....gugggaacacggggugccgaacuuu.....	0
Gi2_11104245_x1....ucggagacgucgugggaacacAggggu.....	1
Gi1_4240760_x1.....gCcgugggaacacggggugc.....	1
G1a_6332582_x1....cggagacgNcgugggaacacgg.....	1
Gi4_588879_x1....aucggagacgucgugggaacacgg.....	0
Gi5_9114184_x1.....ucgugggaacacggggugccgaaGu.....	1
Gi2_11388664_x1.....ugggaacacggggugcc.....	1

Gi3_28326445_x1..gcgaucggagacgucgugggGac.....	1
Gi1_4262054_x1....aucggagacgucgugggaacacggggugccg.....	0
Gi4_612920_x1.....cgucgCggaacacggggugccgaacu.....	1
Gi2_11351213_x1....Gcggagacgucgugggaacacggggugccgaacu.....	1
Gi3_28349692_x1....aucNgagacgucguggga.....	1
Gi3_28489445_x1.....cgugCgaacacggggugccg.....	1
Gi3_28597425_x1.....acgucgugggaacacggggugccgC.....	1
Gi2_10995722_x1....aucggagacgucgugggC.....	1
Gi3_28432417_x1.....gucgugggaacacggggugccUaac.....	1
Gi3_28539230_x1.....cgucguggUaacacggggugcc.....	1
Gi2_11383505_x1...gGucggagacgucgugggaacacgg.....	1
Gi1_4344800_x1.....gggaCcacggggugccgaacu.....	1
Gi2_11332818_x1...gaucggagacgucgugggUacacg.....	1
Gi3_28481728_x1.....gucgugggaAacggggugccg.....	1
Gi3_28667676_x1.....cgucgugggaacacggggugccgaaG.....	1
Gi2_11164912_x1.....cgucguggNaacacggggugccgaa.....	1
Gi3_28819830_x1.....ucggagacgucgugggGacac.....	1
Gi3_28373076_x1.....agacgucguggCaacacggggugccgaacu.....	1
Gi2_11099273_x1.....gagUcugcugugggaacacggggugcc.....	1
Gi3_28940316_x1.....gNaacacggggugccgaacu.....	1
Gi3_28529192_x1.....acgucAugggaacacggggugc.....	1
Gi2_11363373_x1.....ugggaacacggggugccgaacuuu.....	0
Gi5_8847081_x1....aucggagacgucgugggaacacAgggugcc.....	1
Gi1_6246463_x1....gaucggagacgucgugggaacacAggggu.....	1
Gi1_5993826_x1....Cucggagacgucguggga.....	1
Gi2_11280481_x1....cggagacgucgugggCacacggggugc.....	1
Gi2_11030075_x1...cgauCAgagacgucgugggaacacggggug.....	1
Gi3_28563076_x1...gaucggagacgucgugggUaacacggggugc.....	1
Gi2_11315309_x1.....cgucgugggaacacggggugGcgaacu.....	1
Gi3_28748831_x1...gauNggagacgucgugggaacacgg.....	1
Gi3_28721702_x1...Aaucggagacgucgugggaacacggggugc.....	1
Gi1_4173540_x1.....acgucgCggaacacgggg.....	1
Gi1_4236847_x1..gcgaucggagacgucgugggaacacgg.....	0
Gi1_4168137_x1.....ucgugggaacacggggugccC.....	1
Gi2_11316579_x1.....cguggUaacacggggugccgaa.....	1
Gi1_4377533_x1....Uucggagacgucgugggaacacggggugcc.....	1
Gi3_28279921_x1.....gaacacCgggugccgaac.....	1
Gi1_4235862_x1...cgauCggagacgucgugAgaacacggggugc.....	1
Gi1_4313108_x1.....ggagaUgucgugggaacacggggugccgaa.....	1
Gi3_28285986_x1.....ucgugggGacacggggugccga.....	1
Gi1_6242302_x1...gaucggagacgucgugCgaacacgggggu.....	1
Gi1_4186063_x1.....agacgucgugggaacacggggUugccgaacu.....	1
Gi1_4252213_x1....aucggagacgucgugggaCcacgggggu.....	1
Gi1_6276652_x1.....Cugggaacacggggugccga.....	1
Gi5_8934022_x1.....cNucgugggaacacggggugccgaacu.....	1
Gi3_28719816_x1.....acgucgugggaacacggggugAcg.....	1
Gi5_8905663_x1....aucggagacgucgugggaacaUg.....	1

Gi2_11315056_x1.....aucggaAacgucgugggaacacgg..... 1
Gi3_28636436_x1.....gggaacUcggggugccgaa..... 1
G1a_6174908_x1.....gGcgucgugggaacacggggugccgaacu..... 1
Gi3_28519736_x1...cgaAccgagacgucgugggaacacggggugcc..... 1
Gi1_4243808_x1...gaucggCgacgucgugggaacacg..... 1
G1a_6123919_x1.....ggagacgucAugggaacacggggugcc..... 1
Gi2_11284172_x1.....cgugggaacacAgggugccgaa..... 1
Gi5_8992811_x1.....cgugggaacacggggugUcgaac..... 1
Gi3_28386931_x1.....gaNacgucgugggaacacggggugccgaacu..... 1
Gi3_28689443_x1.....ucguUggaacacggggugccga..... 1
Gi3_28460484_x1.....cgugggaacUcggggugccgaa..... 1
Gi2_11161038_x1...aucggagacgucUugggaaac..... 1
Gi1_4378242_x1.....gugggaacacggAgugccg..... 1
Gi3_28839003_x1.....cggagacgucGgggaacacg..... 1
G1a_5990979_x1.....aacacAgggugccgaacu..... 1
Gi1_4252993_x1.....acgucgugggaacacggggugcAga..... 1
Gi5_9094003_x1.....cggagacgucgugggaacCcgggugccga..... 1
Gi2_11089528_x1.....gggaacCcgggugccgaa..... 1
Gi5_9054952_x1.....cgGcgugggaacacggggugccga..... 1
Gi1_4261111_x1.....acgucgugggaGcacggggugccga..... 1
Gi5_8998997_x1...aucggagacgucgugggaacacAg..... 1
Gi5_8944234_x1.....gagGcgucgugggaacacggggugccgaacu..... 1
Gi3_28982243_x1.....cggGgacgucgugggaacacggggug..... 1
Gi2_11335833_x1...aucggagacgucgugggaacacggggUccgaacu..... 1
Gi2_11264992_x1...aucCgagacgucgugggaaca..... 1
Gi4_605228_x1.....gugggaacGcggggugccgaa..... 1
Gi4_590231_x1.....gGcgugggaacacggggugccgaacu..... 1
Gi1_4188349_x1.....gagacgucgugggaacacAgggugcc..... 1
Gi2_11378385_x1.....ucgGgggaacacggggugcc..... 1
Gi2_11312041_x1...gaucggagacguGugggaacacggggugc..... 1
Gi3_28378470_x1.....Nggagacgucgugggaacacggg..... 1
Gi5_9076818_x1...ucggagacgucgugggaacaUggggugc..... 1
Gi3_28987557_x1.....gagacgucAugggaacacggggugccgaac..... 1
Gi2_11132058_x1.....gugggaacacggggUccc..... 1
Gi3_28330403_x1...gaucggagacgucgugAgaacac..... 1
G1a_6059670_x1.....gugUgaacacggggugccgaacu..... 1
Gi2_11379003_x1.....ggagacgucgugggCacacggggugc..... 1
G1a_6121645_x1.....gGcgucgugggaacacggggU..... 1
Gi2_11260498_x1.....acAucgugggaacacggggugc..... 1
Gi1_4220597_x1.....gacgucgAgggaacacggggugc..... 1
Gi2_11056555_x1.....cgugggaacacggggUcccgaac..... 1
G1a_6071132_x1...CucggagacgucgugggaacacggggU..... 1
Gi5_8967342_x1.....cgugggaacacggggugAcg..... 1
Gi5_8875773_x1.....gugggaacCcgggugccg..... 1
Gi3_28410113_x1.....gugAgaacacggggugccgaacuuu..... 1
Gi2_11336074_x1...ggUgacgucgugggaacacggggugccgaac..... 1
Gi2_11197036_x1...aucggagacguAgugggaacacggggU..... 1

Gi1_4376732_x1.....	gggaacacggggugcAgaacuu.....	1
Gi1_4211794_x1.....	agaUgucgugggaacacggggugccga.....	1
Gi1_4181116_x1..	gcgaucggGgacgucgugggaaca.....	1
Gi1_4365164_x1.....	ucggagacgucgugggaaGacggg.....	1
Gi3_28819728_x1.....	gagacgucgugggaacGc.....	1
Gi3_28262342_x1.....	acgucgugggaacacggUgugccgaac.....	1
Gi3_28610871_x1..	cgaucggagacGcguggg.....	1
Gi3_28939792_x1..	gaucggagacgucgugggaacacgggCu.....	1
Gl1a_5991861_x1.....	gGcgugggaacacggggugcc.....	1
Gi1_4348980_x1.....	ucggagacGAcgugggaacacg.....	1
Gi3_28822818_x1..	cgaucGgagacgucgugggaacacggggugc.....	1
Gl1a_6159318_x1..	cCaucggagacgucgugggaa.....	1
Gi5_8883571_x1.....	cgNcgugggaacacggggugccgaacu.....	1
Gi2_11173199_x1.....	cgNcgugggaacacggggugccg.....	1
Gi1_4287461_x1.....	agacgucgugggaacacggggugccgaaUu.....	1
Gi1_4202635_x1.....	gggaacacUgggugccgaacu.....	1
Gi1_4292905_x1....	aucggagacgucguAggaacacggggugc.....	1
Gi2_11267513_x1.....	gucgugggaacacggggGgccga.....	1
Gi3_28571796_x1.....	cggagacgucgugggaacacggggugcG.....	1
Gl1a_6198196_x1.....	gggaacacggggugcAgaac.....	1
Gi5_9128761_x1....	gaCcgagacgucgugggaacacggg.....	1
Gi2_11038292_x1.....	cgugggaGcacggggugccg.....	1
Gi3_28921192_x1.....	agacgucgugggaacacggggugccAaac.....	1
Gi2_11309602_x1.....	cguNggaaacacggggugccga.....	1
Gl1a_6180792_x1....	aucggagCcgucgugggaacacg.....	1
Gi3_28960192_x1..	Ggcgaucggagacgucgugggaacacg.....	1
Gi3_28935847_x1.....	ggagacgucgugggaGcacggggugccgaa.....	1
Gl1a_6086624_x1..	cgaucggagacgucgugggaGcacg.....	1
Gi1_4346728_x1..	ugcgauccggGgacgucgug.....	1
Gl1a_6031269_x1.....	cgucgugggaacGcggggugccgaacu.....	1
Gi4_610818_x1.....	agacgucAugggaacacggggugccgaacu.....	1
Gi2_11394419_x1.....	gggCacacggggugccgaac.....	1
Gi2_10995911_x1.....	gggaacaGggggugccgaa.....	1
Gi1_4181743_x1.....	gaacacAgggugccgaacu.....	1
Gi5_8835778_x1.....	gagacgucguggUaacacggggugccgaacu.....	1
Gi5_9116677_x1.....	ggGgacgucgugggaacacggggugccgaac.....	1
Gi2_11005273_x1.....	Ucgucgugggaacacggggu.....	1
Gi3_28309053_x1....	aucggagacgucgugggaacacgggAugc.....	1
Gi1_4182935_x1....	gaucggagacgucgugggaacCc.....	1
Gi2_11352353_x1.....	agacgucgugggaacacgggguUcc.....	1
Gi5_9021477_x1..	Ggcgaucggagacgucgugggaacacg.....	1
Gi1_4277911_x1.....	gacgucgugggaacacggggugc.....	0
Gi2_11075590_x1....	aucUgagacgucgugggaaca.....	1
Gl1a_6068387_x1.....	cggagacgucgugggaGcacgg.....	1
Gi2_11251484_x1.....	uUggagacgucgugggaacacggggugc.....	1
Gi2_11381544_x1....	gaucggagacgucgugggCacacgg.....	1
Gi2_10997053_x1.....	ugggaacacgggguCccg.....	1

Gi2_11142574_x1.....ggaacacggggugccgaacuA..... 1
 Gi2_11013809_x1...gaucggagacgucgugggaaacacggCgugc..... 1
 Gi2_11139117_x1.....Acgugggaacacggggugccg..... 1
 Gi3_28925187_x1.....gagacgucNugggaacacggggugccga..... 1
 Gi2_11178569_x1.....gGcgucgugggaaacacggg..... 1
 Gi5_8861350_x1.....agacgucgugggaaacacAgggugccgaac..... 1
 Gi3_28508231_x1..gcgauccgagacgucgugggaaacacggggG..... 1
 Gi3_28900061_x1..gcgauccgagacgCcgug..... 1
 Gi5_8899164_x1...cgauccgagacgucgugggGcacggg..... 1
 Gi2_11007236_x1.....gggaacacgggAugccgaac..... 1
 G1a_6268366_x1..ugcgauUggagacgucgug..... 1
 Gi1_4325307_x1.....agacgucgugggaaacacggggugccgaaA..... 1
 Gi2_11113674_x1.....ucgNgggaacacggggugccgaac..... 1
 G1a_5999763_x1.....cgugggaaacacggggugAcgaaacu..... 1
 Gi1_4313177_x1.....gaacaGggggugccgaacu..... 1
 Gi2_10999484_x1...gaucggagacgucguUggaacacgggg..... 1
 Gi1_4245823_x1.....agacgucgugggaaacacggggugccgaa..... 0
 Gi2_11200595_x1.....Ncgucgugggaaacacggggugccgaacu..... 1
 G1a_6162733_x1.....Cggaacacggggugccgaac..... 1
 Gi1_4215512_x1.....agacgucgugggGacacggggug..... 1
 Gi2_11068086_x1.....acgucgugggaaacacgggCugccgaac..... 1
 Gi1_4200153_x1.....ucgugggUcacggggugccgaac..... 1
 Gi2_11392425_x1...aucggagacgucgugggaaacacU..... 1
 Gi2_11050927_x1...gCucggagacgucguggg..... 1
 Gi3_28837504_x1.....acgucgugggaaacacggggugccgaaU..... 1
 Gi5_9083417_x1...gaucggagacgucgugggGcacggg..... 1
 Gi2_11232856_x1..gcgauccgagacgucgugggaaacacggggugc..... 1
 Gi2_11062559_x1..gcgauccgagCcgucgugggaaacacggg..... 1
 Gi3_28701609_x1.....cgugggaaacacggggUcc..... 1
 Gi3_28769205_x1..ugcgauccgagacgucgugggaaacGcggg..... 1
 Gi5_8977006_x1.....gagGcgucgugggaaacag..... 1
 Gi2_11026220_x1.....gucgugAgaacacggggugccgaac..... 1
 Gi2_11128417_x1...gaucggagacgucgugggaaacaAgg..... 1
 G1a_6298679_x1.....Agugggaaacacggggugccg..... 1
 Gi3_28696400_x1.....ucggagacgucgugggCacacggg..... 1
 Gi3_28297220_x1..gcgauccgagacgucgugggaaacacgAggugccga..... 1
 Gi2_11007020_x1.....cggagacgucgugggaaacacggggugccgaUc..... 1
 Gi2_11381741_x1.....gagacgucgugggaaacacggggGgccgaac..... 1
 Gi1_4291028_x1.....cguNgugggaaacacggggugcc..... 1
 Gi1_4173651_x1.....gaacacggggAgccgaacu..... 1
 Gi2_11250589_x1...aucggagacgCcgugggaaacacgg..... 1
 Gi3_28274293_x1.....ucgugggUacacggggugc..... 1
 Gi2_11042809_x1...gaucggagacgCcgugggaaaca..... 1
 Gi3_28607222_x1...aucgAagacgucgugggaaacac..... 1
 G1a_6108115_x1...aucggagacAucgugggaaacacggggug..... 1
 Gi1_4288307_x1.....cggagacgucgugggaaacacggggGgcc..... 1
 Gi5_8947631_x1.....gucgugggaaGacggggugccgaacu..... 1

Gi2_11179540_x1.....Nucggagacgucgugggaacacggggug..... 1
 Gi3_28867015_x1.....ucggagacgAcgugggaacacggg..... 1
 Gi2_11176806_x1.....ggCacacggggugccgaac..... 1
 Gi3_28814753_x1.....aucggUgacgucgugggaacacggggugc..... 1
 Gi5_8915090_x1.....cgugggaUcacggggugccg..... 1
 Gi2_11261753_x1.....aucggagacgucguggUaacacg..... 1
 Gi2_11072428_x1.....ugggaacaUggggugccg..... 1
 Gi3_28871711_x1.....gagacgucguAggaacac..... 1
 Gi2_11102292_x1..gcgauccggagacgucguAggaacacggg..... 1
 Gi3_28327229_x1.....gaucggagacgCcgugggaacacggggug..... 1
 Gi5_9051358_x1.....gaacacggggGgccgaac..... 1
 Gi2_11115008_x1.....gucgugggUacacggggugccga..... 1
 Gi2_11340793_x1..ugcgauccggagUcgucgugggaacacg..... 1
 Gi5_8998906_x1.....gAcgugggaacacggggugccgaac..... 1
 Gi3_28695107_x1..ugcgauccggagacgucgugggCacacggggg..... 1
 Gi5_8975097_x1.....acgucguUggaacacggggugccgaacu..... 1
 Gi5_9057226_x1.....acgucgugggaacaAggggugccgaacu..... 1
 Gi5_8924870_x1.....gugggaacacgggCugccga..... 1
 Gi3_28372447_x1..gaucUgagacgucguggga..... 1
 Gi5_9028438_x1.....cgugggaacacggggugccgCacuu..... 1
 Gi1_4235064_x1.....gugggaacacggggugcUgaac..... 1
 Gi1_4188117_x1.....ucggagacguUgugggaacacggggugcc..... 1
 Gi2_11013683_x1..cgauccggagacgucgugggaacacggggAgc..... 1
 Gi5_8900742_x1.....Ncgucgugggaacacggggugccgaacu..... 1
 Gi3_28470055_x1.....aucggagacguAgugggaacacggggugc..... 1
 Gi5_9118913_x1.....cgucgugggaAacggggugcc..... 1
 Gl1_6317876_x1.....ggagacguAgugggaacacg..... 1
 Gi3_28757660_x1.....cgugggaacacggggugcGga..... 1
 Gi5_8994116_x1.....aucAgagacgucgugggaacacggggugc..... 1
 Gl1_6291836_x1.....aCcacggggugccgaacu..... 1
 Gl1_6124993_x1.....ggagacgucgugggaacacggggg..... 0
 Gi3_28853315_x1.....gaucggagaUgucgugggaacacggg..... 1
 Gi3_28640612_x1.....cggagacgucgugggGacacgggg..... 1
 Gi3_28943300_x1.....gacgucgugggaacacggggugUcgaac..... 1
 Gi5_9125680_x1.....gucgugggaCcacggggugccgaacu..... 1
 Gi2_11279997_x1..gcgauccggGgacgucguggga..... 1
 Gi2_11142536_x1.....ucggagacgucgugggaacaUggggugc..... 1
 Gi3_28408678_x1.....cgucgugggaacacgggCugcc..... 1
 Gi1_4238347_x1.....agacgucgugggaCcacggggugccg..... 1
 Gi5_8861866_x1.....gucgugggaacacggggugccgaaA..... 1
 Gi2_11206647_x1.....gagacgucgugggaacGcggg..... 1
 Gi1_4347431_x1.....gugggaacacggggUaccgaacu..... 1
 Gi3_28550786_x1.....gacgCcgugggaacacggg..... 1
 Gi5_9111872_x1.....gugggaacacggggugccAaa..... 1
 Gi2_11096489_x1.....cggagacgucgugggaacacgggCugc..... 1
 Gi2_11151208_x1.....cggagacgNcgugggaacacg..... 1
 Gi3_28889438_x1.....aucggagaUgucgugggaacacggggugcc..... 1

Gi5_8926046_x1.....gacgucgGgggaacacggggugccgaacu.....	1
Gi5_8963786_x1.....agacgucguggaacGcggggugccga.....	1
Gi3_28854697_x1.....gacgucguNggaacacgg.....	1
Gi2_11176115_x1.....ugggaacaAgggggugccg.....	1
Gi2_11197600_x1.....Nacacggggugccgaacu.....	1
Gi2_11287247_x1..gcgaucggagacgucgugggaaUacggg.....	1
G1a_6098345_x1....aucgAagacgucguggaacacgggggu.....	1
G1a_6337510_x1.....gggaacacAgggugccgaac.....	1
Gi3_28933056_x1.....cgugggUacacggggugccg.....	1
Gi3_28321809_x1..ugcgaucggagacgucgugggaaacacggA.....	1
Gi3_28322465_x1....aucggaAacgucgugggaaacacggggugc.....	1
Gi4_575506_x1.....cgucgugggaaacacggAgugccga.....	1
Gi2_11164118_x1....auGggagacgucgugggaa.....	1
Gi3_28436940_x1.....gacgucgugggaaacCcgggugccg.....	1
Gi2_11403106_x1...gaucggagacgucgugggaaUc.....	1
Gi5_8862829_x1.....gugUgaacacggggugccgaac.....	1
Gi3_28330596_x1.....gNgaacacggggugccgaacu.....	1
Gi3_28708777_x1.....gggaCcacggggugccgaacu.....	1
Gi2_11364691_x1.....ggGgacgucgugggaaacacggggugccga.....	1
Gi2_11266953_x1.....cguNggaacacggggugcc.....	1
Gi2_11260415_x1....gUcugcugugggaaacacggggugccgaac.....	1
Gi3_28792042_x1..gcUaucggagacgucgug.....	1
Gi5_9021961_x1.....cgugggaaacacgAggugccg.....	1
Gi2_11374027_x1.....acgucgugggaaacacggggugG.....	1
G1a_6266010_x1.....gacgucgugggaaacGcgggggu.....	1
Gi1_4264931_x1.....cgugggaaacacggggugccgG.....	1
Gi3_28922843_x1.....gGgacgucgugggaaacacggggugccgaa.....	1
Gi2_11242858_x1cugcgaucggagacgucgug.....	0
Gi2_11331983_x1.....Cucgugggaaacacggggugccg.....	1
Gi2_11034061_x1....aucggagacgucgugggaaGacg.....	1
Gi5_8885329_x1....aucggagacgucgugggaaacacCgg.....	1
Gi2_11234688_x1.....agacgucgugggaaacacggggugAcgaacu.....	1
Gi1_4160358_x1.....ucgugggaaacacggggugccCaacu.....	1
Gi3_28619928_x1....aucggagacgucgugggaaacGcggggugccgaacu.....	1
Gi1_4377845_x1.....ggaacCcggggugccgaac.....	1
Gi2_11136317_x1.....gucgugggaaacacggggugAcgaac.....	1
Gi2_11248684_x1.....cgugggaaacacggCgugccgaac.....	1
Gi2_11144471_x1...gauGggagacgucgugggaaaca.....	1
Gi2_11051097_x1..cgaucggagacgucgugggaaacacggggGgc.....	1
Gi3_28781955_x1....cggagGcugcugugggaaacacggggug.....	1
Gi1_4160998_x1.....cgugggaaacacggCgugccgaacu.....	1
Gi2_11103727_x1....cggagacgucgugggaaUacggggugc.....	1
Gi1_4236554_x1.....ggaacacggCgugccgaacu.....	1
Gi5_9078797_x1...gaucggagacgucgAgggaacacggggugc.....	1
Gi2_11093974_x1...gCucggagacgucgugggaaacacg.....	1
Gi3_28871743_x1.....ucgugggaaacacggUgugccg.....	1
G1a_6127592_x1..Ccgaucggagacgucgug.....	1

Gi2_11342256_x1....aucggagacgucUugggaacacggggug..... 1
G1a_6033122_x1....gaucggGgacgucgugggaacacggg..... 1
Gi3_28985887_x1.....ggagacgucgugggaacacggUgugcc..... 1
Gi1_4306980_x1.....gacgucguAggaacacggggugccgaacu..... 1
Gi3_28356747_x1.....gacgucgugggaacacgA..... 1
G1a_6179055_x1.....ucgugggaacacggggugccAaac..... 1
Gi2_11089069_x1.....cggagacgucgugggaacGcgggggu..... 1
Gi1_4387209_x1.....ugggaacacggggugUcgaa..... 1
Gi4_584151_x1.....ucgugggaacacggggugcAgaacu..... 1
Gi3_28421870_x1.ugcgaCcgagacgucgugggaacacgggggu..... 1
G1a_6065650_x1....gaucAgagacgucgugggaacacg..... 1
Gi3_28712542_x1.....Uggagacgucgugggaacacgggggu..... 1
Gi3_28781421_x1.....gucguCggaacacggggugccgaac..... 1
Gi2_11330531_x1.....Ugugggaacacggggugccg..... 1
Gi5_9094637_x1.....gucNugggaacacggggugccgaacu..... 1
Gi1_4367521_x1.....acgucgugggaacacggggugUc..... 1
Gi3_28935123_x1....aucggagacgucguUggaacacgggg..... 1
Gi3_28809612_x1.....ucgugggaNcacggggugcc..... 1
Gi3_28483657_x1.....agacgucgugggaacacUgggugccga..... 1
Gi5_9005713_x1.....gagacgucgugggaacacAgggugccgaacu..... 1
Gi1_4321838_x1.....cggagacgucguggAaacacggggugcc..... 1
Gi3_28470486_x1....gaucggagacgucgugggaacacggUgugcc..... 1
G1a_6206525_x1.....ugggaacUcggggugccgaacu..... 1
G1a_6163377_x1.....gugggaaAacggggugccgaac..... 1
Gi5_9041173_x1.....agacgucgugggaacacCgggugccgaacu..... 1
Gi2_11027971_x1.....acuuucccagcgcgccucgugccacc..... 0
Gi1_4300241_x1.....acgucgugggaacacgggAugccgaa..... 1
Gi5_8967059_x1.....cgucgugggaGcacggggugcc..... 1
Gi1_4349828_x1.....cgucgugggaacGcggggugccgaac..... 1
G1a_6154179_x1.....gugggaacUcggggugccgaac..... 1
Gi2_11069416_x1.....gucgugggaacacggggugccgaUcu..... 1
Gi3_28472869_x1....ucggaAacgucgugggaaca..... 1
Gi5_8843316_x1.....acacAgggugccgaacuuu..... 1
Gi3_28625773_x1.....cgugggaacacggggguCccgaac..... 1
Gi2_11403852_x1....gaucggagacgucgugggaUcacgggggu..... 1
Gi3_28849907_x1....ucggagGcgucgugggaacacgg..... 1
G1a_6061372_x1....ucggagacgucgugggaacacggggCgc..... 1
G1a_6122067_x1.....cgucgugggaacacggggguAccgaacu..... 1
Gi1_4286372_x1.....cgugggaGcacggggugccgaacuu..... 1
Gi3_28607416_x1....aucggagacgucgugggaacacgggCugcc..... 1
Gi5_9092483_x1....gaucggagacgucguggGacacgg..... 1
Gi2_11008785_x1....aucNgagacgucgugggaacac..... 1
Gi2_11251211_x1....cgaucggagacgucgugAgaacacggggugc..... 1
Gi1_4366079_x1.....Ugacgucgugggaacacggg..... 1
Gi3_28650059_x1....cgaucggagacgucgugCg..... 1
Gi2_11259100_x1....aucggagacgucAugggaacacggggugc..... 1
Gi5_9131723_x1.....cguCggaacacggggugccgaacu..... 1

Gi3_28380441_x1.....acacAgggugccgaacuu..... 1
Gi3_28777758_x1.....ggagacAucgugggaacacg..... 1
Gi1_4304487_x1.....cggaAacgucgugggaacacggggugccgaacu..... 1
Gi5_8873257_x1.....gUcgcgucgugggaacacggggugccg..... 1
Gi1_4354671_x1.....agUcgcgucgugggaacacggg..... 1
Gi3_28704902_x1.....agacgucgugggaacacggggugGc..... 1
Gi2_11103436_x1.....ucggagacgCcgugggaacacggggugc..... 1
G1a_6178871_x1.....gucgGgggaacacggggugcc..... 1
Gi1_4356747_x1..Ccgaucggagacgucgugggaaca..... 1
Gi3_28748348_x1.....ggagacgucgugggaCcacg..... 1
Gi1_4348430_x1.....Ngugggaacacggggugccgaa..... 1
Gi2_11125314_x1.....cgucgugggaacacggggugAcgaacu..... 1
Gi1_4184081_x1.....ggagacgucgGgggaacacggggugcc..... 1
Gi2_11154056_x1.....gucgugggaUcacggggugccga..... 1
Gi3_28902659_x1.....cgucguggCaacacggggugcc..... 1
Gi2_11188389_x1.....acgucgugggaacGcggggg..... 1
Gi5_9070842_x1.....ugggaacacggAgugccgaacuuu..... 1
Gi2_11250710_x1...gaucggagacgGcgugggaaca..... 1
Gi1_4247466_x1.....ucggagacgucgugggaacaU..... 1
G1a_6008833_x1.....gucgGgggaacacggggugccga..... 1
Gi3_28385669_x1.....ucggagacgucgugCgaacacgg..... 1
Gi2_11319104_x1.....gugggaacacUggggugccga..... 1
Gi3_28970905_x1.....cggagacgucgCgggaacacggggugccg..... 1
Gi3_28927071_x1.....Cacgucgugggaacacgg..... 1
Gi2_11016155_x1.....ucggagacgucgugggaacCcg..... 1
Gi2_11259521_x1.....Ugaacacggggugccgaacuu..... 1
Gi3_28850893_x1...aucggagacgucCugggaacacgg..... 1
Gi1_4217674_x1.....gagacgucgugggaacacggggugcU..... 1
Gi5_8876109_x1.ugcgaucggGgacgucgug..... 1
Gi2_11015461_x1.....cggagacguUgugggaaca..... 1
Gi3_28301576_x1.....gucgCgggaacacggggugcc..... 1
Gi3_28334282_x1.....gacgucgugggaacacAgggugc..... 1
Gi1_4286711_x1.....gggaacacggggugccUaacu..... 1
Gi2_11129670_x1...aucggagacgGcgugggaacacggg..... 1
Gi5_9012895_x1.....cgAcgugggaacacggggugccgaac..... 1
Gi3_28526175_x1.....gucgugggaacacggAgugcc..... 1
Gi3_28487504_x1.....gagGcgcgucgugggaacacggggugccg..... 1
Gi2_11133419_x1.....cgugggaacaUggggugccg..... 1
G1a_6051906_x1...aucggagacgucgugggaCcacggggug..... 1
Gi2_11095427_x1.....cggagacgucgugggaacacggggGgccgaacu..... 1
Gi3_28975229_x1.....acCucgugggaacacggggugccgaac..... 1
Gi2_11242019_x1.....ggagacgucgCgggaacacggggugccgaac..... 1
G1a_6290246_x1..gcgaucggGgacgucgugggaacacggg..... 1
Gi2_11396629_x1...aucggCgacgucgugggaac..... 1
G1a_6264093_x1...gaucggagacgucguggGacacg..... 1
G1a_6084434_x1...uGggagacgucgugggaacacggggugc..... 1
Gi2_11301538_x1.....ggaacacgggCugccgaa..... 1

Gi3_28481112_x1.....gaaAacggggugccgaac..... 1
 Gi2_11172414_x1.....gagacgucgugggaacacggggugUc..... 1
 Gi2_11382992_x1.....aucggagacguAgugggaacacggggug..... 1
 Gi1_4222727_x1.....gagacgucgugggaacaUggggugccgaacu..... 1
 Gi2_11056980_x1.....ucggagacgucgugggaUacggggugcc..... 1
 Gi5_8966854_x1.....aacNcggggugccgaacuu..... 1
 Gi2_11252952_x1.....gaucggagacAucgugggaac..... 1
 Gi2_11373208_x1.....gacgucgugggaacacgC..... 1
 Gi2_11033193_x1.....aucggagacgucCugggaacacggggugc..... 1
 Gi5_9069336_x1.....ucgugggGacacggggugcc..... 1
 Gi2_11146999_x1.....gUucggagacgucgugggaacacgg..... 1
 Gi1_4238529_x1.....cgugggaacacggggugccgCacuu..... 1
 Gi2_11294509_x1.....gucgugggaacacggggguAc..... 1
 Gi1_4226235_x1.....uUggaacacggggugccgaa..... 1
 Gi1_4226840_x1.....ggagGcgucgugggaacacggggugccg..... 1
 Gi2_11185418_x1.....aucggagacgucUugggaacacgggggu..... 1
 Gi1_4304043_x1.....Cgaacacggggugccgaa..... 1
 Gi1_4348859_x1.....gggaacCggggugccgaac..... 1
 Gi2_11065678_x1.....gugggaacacggggugcUgaacuu..... 1
 Gi2_11020009_x1.....cggagacgCcgugggaacac..... 1
 Gi4_593541_x1.....cguggCaacacggggugccgaacu..... 1
 Gi3_28457274_x1.....gaacacgAggugccgaacuu..... 1
 G1a_6241347_x1.....guggAaacacggggugccg..... 1
 Gi1_4378019_x1.....gagacgucgugggaacacgCggugccg..... 1
 Gi3_28635145_x1.....gucgugggaacacggggugccgUacuu..... 1
 Gi1_4326970_x1.....gagacgucgugggaacacggggug..... 0
 Gi2_11057831_x1.....ucggagacgucgugggaacacgg..... 0
 Gi5_9057325_x1.....acgucgugggaacacUgggugccgaacu..... 1
 Gi1_4250548_x1.....gaacacggggugGcgaacuu..... 1
 Gi5_9025564_x1.....gggaacacggggCgccgaa..... 1
 Gi3_28865295_x1.....cgugggaacaGggggugc..... 1
 Gi1_4232884_x1.....gucguAggaacacggggugcc..... 1
 Gi3_28869089_x1.....guUggaacacggggugccgaacuu..... 1
 Gi5_8943983_x1.....gggaUcacggggugccgaa..... 1
 Gi4_583576_x1.....Gcgugggaacacggggugccgaac..... 1
 Gi2_11001701_x1.....aucggagacgucgugggaacGacggggugc..... 1
 Gi3_28696960_x1.....ggaacCggggugccgaa..... 1
 G1a_6051036_x1.....gugggaacacggggugAcg..... 1
 Gi1_4228476_x1.....gucgugggaacacggggguA..... 1
 Gi1_4287996_x1.....gNgggaacacggggugccgaacu..... 1
 Gi3_28457283_x1.....gggNacacggggugccgaa..... 1
 Gi2_11117813_x1.....gaucggagacgucgugggaacacggggguCcc..... 1
 Gi5_9061967_x1.....cgugggaacGcggggugccg..... 1
 Gi2_11295679_x1.....Cacgucgugggaacacggg..... 1
 Gi3_28940733_x1.....gaucAgagacgucgugggaacacgggg..... 1
 Gi2_11217758_x1.....gaucggagacgucgugggaacacgAggugcc..... 1
 Gi5_9048542_x1.....aucggagacgucguggCaacacggggugcc..... 1

Gi3_28931522_x1.....ggagacgucGgggaacacggggugcc.....	1
Gi3_28407636_x1.....ucAgagacgucgugggaacacg.....	1
Gi5_9091390_x1.....acgucguggAaacacggggugccgaac.....	1
Gi3_28331782_x1.....cggagacgucgugggaacGcg.....	1
Gi2_11122132_x1.....ugggaacacUgggugccga.....	1
Gi1_4185255_x1.....Agugggaacacggggugccg.....	1
Gi3_28669637_x1.....cggagacgucgugggaacacggggGg.....	1
Gi3_28768448_x1.....agacgAcgugggaacacggggugccgaac.....	1
G1a_5987187_x1....aucggagacgucgugggaacacAgggug.....	1
G1a_6164039_x1....ucggagacgucAugggaacacgg.....	1
Gi2_11110621_x1.....gacgucgugAgaacacggggugccga.....	1
G1a_6296990_x1.....cgugggGacacggggugc.....	1
Gi1_4338118_x1.....agacgucgugggaacacggggugc.....	0
Gi1_4193349_x1.....ucgugggaacacgggguCccgaacu.....	1
Gi3_28473154_x1..cgauAggagacgucgugggaacacggggg.....	1
Gi2_11375522_x1.....aGgucgugggaacacggggugccg.....	1
Gi5_8961250_x1.....ugggaCcacggggugccgaa.....	1
Gi5_8918103_x1.....cgucgugAgaacacggggugcc.....	1
Gi5_8900244_x1....aCgggagacgucgugggaacacggggg.....	1
Gi2_11048233_x1.....gaAgucgugggaacacggggugccgaac.....	1
Gi5_9119474_x1.....gaacaAggggugccgaac.....	1
Gi3_28585302_x1..gcgaucggagacgucgugggGacacgggg.....	1
Gi1_4168152_x1.....gacgucgugggaacacggggg.....	0
Gi2_11237102_x1.....gucgugggaacacggggugccCa.....	1
Gi3_28895345_x1.....gagacgucgugggaacUcggggugcc.....	1
G1a_6126336_x1.....gugggaacacggggUccgaacu.....	1
Gi2_11001833_x1.....acgucgugggaacacggggugcG.....	1
Gi3_28265323_x1.....cgGcgugggaacacggggg.....	1
Gi3_28742442_x1..cgaucggagacgucgugA.....	1
Gi1_4196769_x1.....gggGacacggggugccgaacu.....	1
Gi5_8882536_x1....aucggagaNgucgugggaaca.....	1
G1a_6304011_x1....aGcggagacgucgugggaacacggggugccga.....	1
Gi2_11237307_x1....gaucggagCcgucgugggaaca.....	1
Gi1_4351102_x1....cggaUacgucgugggaacacggggugccgaac.....	1
G1a_6146313_x1..cgaucgUagacgucgugg.....	1
Gi5_9118162_x1....gaucgAagacgucgugggaacacg.....	1
Gi2_11069611_x1.....gucgugggaacacggggUaccgaa.....	1
Gi3_28831095_x1.....cgugggaacacggggugGc.....	1
Gi2_11067767_x1cugcgaucggagacgucgugggaacacggggugc.....	0
G1a_6104700_x1.....gucgugggaacCcggggugccgaac.....	1
Gi5_8866484_x1....Nucggagacgucgugggaaca.....	1
G1a_6284882_x1....aucggagacgucgugggaaAacgg.....	1
G1a_6046062_x1.....cgugggGacacggggugccg.....	1
Gi3_28435301_x1..gcgaucggagacgucGg.....	1
Gi1_4207211_x1.....cguggCaacacggggugccgaac.....	1
Gi5_8949312_x1.....gacgucgugggaacacggggUaccgaac.....	1
G1a_6308708_x1.....gugggaacUcggggugccg.....	1

Gi3_28647744_x1.....auNggagacgucgugggaaacacggggugcc..... 1
Gi3_28419657_x1.....gagacgucgCgggaacacggggugcc..... 1
Gi3_28308229_x1.....cgugggaacacgggCugc..... 1
G1a_6045368_x1.....gucgugggaacacggggugccgCacu..... 1
Gi3_28267789_x1...cgauUggagacgucguggg..... 1
Gi2_11357669_x1.....cgucgugggaaGacggggugccgaacu..... 1
Gi2_11066935_x1.....ugggaacacggggugGcgaac..... 1
Gi3_28381401_x1.....gucgugggaacacggggugUcga..... 1
Gi4_611240_x1.....cgucguggNaacacggggugccgaacu..... 1
Gi2_11304067_x1.....gucgugggaacUcggggugccgaacu..... 1
Gi2_11091492_x1.....cggCgacgucgugggaaacacggggugc..... 1
Gi2_11205788_x1...gaucggagacgucgugggaaCcacggggug..... 1
Gi3_28781346_x1.....cggagacgucgugUgaacacggg..... 1
Gi5_9104027_x1...aucAgagacgucgugggaaacacggggg..... 1
Gi3_28959176_x1...gaCcgagacgucgugggaaacacggggugc..... 1
Gi2_11191537_x1.....Agagacgucgugggaaacac..... 1
Gi3_28693438_x1...aucggagacgucgugggaaacaGggggg..... 1
Gi1_4169079_x1...Ugaucggagacgucgugggaaacacggggugc..... 1
Gi2_11319250_x1...gaucggagacgucguCgga..... 1
Gi1_4338546_x1.....cgucgugUgaacacggggugccgaacu..... 1
Gi5_9111829_x1.....ggaacaUggggugccgaac..... 1
Gi3_28710539_x1.....cggagacgucAugggaaacacgggg..... 1
Gi2_11033935_x1.....gacgucgugggaaacacgAggugccg..... 1
Gi2_11048847_x1.....gagGcgucgugggaaacacggggugccg..... 1
Gi5_8942855_x1.....cgugggGacacggggugccg..... 1
Gi2_11380980_x1...ucggagacgucgugggGacacggggugc..... 1
Gi3_28552596_x1...gaucggagacgucgugggaaacUcg..... 1
Gi1_4367096_x1.....gagacgucgugggaaacacggggGgcc..... 1
Gi1_4308191_x1.....cgucgugggaaacacggggGccc..... 1
Gi5_9031315_x1.....cggGgacgucgugggaaacag..... 1
Gi3_28632471_x1.....ggaacUcggggugccgaa..... 1
Gi1_4273490_x1.....gucgugggaaacGcggggugcc..... 1
Gi5_8897427_x1.....gggaacacggggugcGgaac..... 1
G1a_5984957_x1.....Gggagacgucgugggaaacacggg..... 1
Gi2_11153668_x1.....cgucgugggaaacCcggggug..... 1
G1a_6002342_x1...aucgAagacgucguggga..... 1
Gi2_11282619_x1.....gacgucgugggaaacacggCgugcc..... 1
Gi1_4365103_x1.....Uggagacgucgugggaaacacggggugcc..... 1
Gi2_11341986_x1.....aGgucgugggaaacacggggg..... 1
Gi2_11328085_x1.....gugggaacacgUggugccgaa..... 1
Gi5_9126307_x1...aCcgagacgucgugggaaacac..... 1
Gi3_28302621_x1...cggagacgucgugggaaCcacggggugcc..... 1
Gi3_28477275_x1.....ggNaacacggggugccgaac..... 1
Gi1_4229365_x1.ugcgauCggagacgucgugggaaacaU..... 1
Gi1_4361914_x1.....Cgagacgucgugggaaacacggggugcc..... 1
Gi3_28834855_x1...Aaucggagacgucgugggaaacacggggug..... 1
Gi2_11319531_x1.....ucUgggaaacacggggugcc..... 1

Gi2_11154261_x1.....gggaacacggggugccAaa..... 1
 Gi2_11111328_x1...gaucgAagacgucgugggaaacacggggugcc..... 1
 Gi3_28846878_x1.....ggagacgucgugggaaacacgAgggugcc..... 1
 Gi3_28782756_x1.....agacgucguggAaacacggggugcc..... 1
 Gi3_28715193_x1.ugcgauAggagacgucgugggaaaca..... 1
 Gi5_9073425_x1.....ugggaacacggggugccgCacuu..... 1
 Gi2_11381419_x1.....gugggaacacggggCugcc..... 1
 Gi3_28300774_x1.....ucggagacgucgugggGacacg..... 1
 Gi2_11338212_x1.....aacacggggugccCaacu..... 1
 Gi5_9047038_x1.....ugggaacacggggGgccgaac..... 1
 Gi2_11370219_x1.....gaacacggCgugccgaacu..... 1
 Gl1_6131714_x1.....gGacacggggugccgaac..... 1
 Gi3_28667627_x1...aucggagacgucgugCgaacacg..... 1
 Gi2_11261738_x1.....agacgucgugggaaacacggggugccgCac..... 1
 Gi3_28278765_x1.....gagacguAgugggaaacacggggugcc..... 1
 Gi1_4203920_x1.....cgucgugggaaacacCgggugccgaacu..... 1
 Gl1_5999316_x1.....ggagacgucgCgggaacacggggugcc..... 1
 Gi5_9132194_x1.....cgucgugggaaAacggggugc..... 1
 Gi3_28477027_x1...gaucggagacgucgugggUacacg..... 1
 Gi2_11340229_x1...aucggagaAgucgugggaaacac..... 1
 Gi5_9015464_x1.....gggaacacggggugcAgaac..... 1
 Gi3_28850844_x1...aucggagCcgucgugggaa..... 1
 Gi3_28930192_x1.....gagacgucgugggaaacacAgggg..... 1
 Gi3_28371256_x1.ugcgauCagagacgucgugggaa..... 1
 Gi2_10995274_x1...aucCgagacgucgugggaaacacggggg..... 1
 Gi5_9007944_x1...gaucggagacgucgCgggaacacgggg..... 1
 Gi1_4377773_x1.....cggGgacgucgugggaaacacggg..... 1
 Gi2_11020399_x1...cgauccgUgacgucgugggaaacac..... 1
 Gi3_28506213_x1...gaucggagacgucgugggaaacacgUggg..... 1
 Gi3_28913650_x1.....gucgugggaaacacggggugcGgaac..... 1
 Gi1_4333800_x1.....ucgugggaaNcacggggugccgaa..... 1
 Gi3_28470745_x1...ucggagacgucgugggCacacggggugccgaac..... 1
 Gi5_9069917_x1.....cgucgugggGacacggggugcc..... 1
 Gi3_28895158_x1...gaucggagacguGgugggaaacac..... 1
 Gi2_11337994_x1...gaucggagacgucgugggaaAacg..... 1
 Gl1_6075533_x1...gaucggagacgucgugAgaacacggg..... 1
 Gi2_11140736_x1.....acgucgugggaaacacggggugcAga..... 1
 Gl1_6045301_x1...aucggagacgucgugggaaacGcggggugcc..... 1
 Gi3_28797203_x1.....cggagacgucguggCaacacggggugcc..... 1
 Gi3_28273123_x1...gaucggagacgucgGgggaacacggggugcc..... 1
 Gi3_28824308_x1.....ggagacguNugggaaacacggggugccgaacu..... 1
 Gi1_4277537_x1.....ugggaacacggggugcAga..... 1
 Gi2_11140793_x1.....guNggaacacggggugcc..... 1
 Gi3_28858236_x1.....agGcgucgugggaaacacggggg..... 1
 Gi2_11345128_x1.....acgucgugggaaCcacggggugcc..... 1
 Gi2_11268528_x1.....gacgucgugggaaacaGggggugccgaac..... 1
 Gi5_8869238_x1.....cNugggaacacggggugccgaacu..... 1

Gi2_10998464_x1.....ucggagacgucgugggaacacggggG.....1
Gi3_28823733_x1.....cAgagacgucgugggaacacgg.....1
Gi2_11350222_x1.....gggaaAacggggugccgaa.....1
Gi3_28923804_x1.....ucggagacgucgugggaacacggggugccA.....1
Gi5_9127092_x1.....ucggagacgucgugggGacacggggugc.....1
Gi2_11181008_x1.....gaucUgagacgucgugggaacacggg.....1
Gi5_9039662_x1.....cgucgugggaacacggAgugc.....1
Gi3_28333779_x1.....ucggagacgCcgugggaacacgg.....1
Gi3_28465324_x1.....ucgugggaacacggggguAccga.....1
Gi2_11251118_x1.....auUggagacgucguggga.....1
Gi4_598252_x1.....uUggaacacggggugccga.....1
Gi3_28369839_x1.....cgaAcggagacgucgugggaacacgggg.....1
Gi2_11078691_x1.....uNggaacacggggugccgaacu.....1
Gi1_4182887_x1.....Aucgugggaacacggggugccgaac.....1
Gi3_28419972_x1.....aucggagacguAguggga.....1
Gi3_28660903_x1.....ucggagacNucgugggaacacggggugccg.....1
Gi1_4183810_x1.....cguUgugggaacacggggugcc.....1
Gi2_11286877_x1.....cgaucggagacgucgugggaacacggA.....1
Gi2_11265792_x1.....gucgugggaacacggggugAcgaa.....1
Gi5_9136080_x1.....aucggagacgucgugggaacacAgg.....1
Gi1_4167450_x1.....acacggggugccgaacuG.....1
Gi2_11067697_x1.....Ugagacgucgugggaacacggggugccgaac.....1
G1a_6068262_x1.....ggaacacggggAgccgaacu.....1
Gi3_28643150_x1.....cgauGggagacgucgugg.....1
G1a_6288706_x1.....ggaaGacggggugccgaac.....1
G1a_6024170_x1.....aucggagacgucguggAaacacggg.....1
Gi2_11089620_x1.....ugggaacacggggguAccg.....1
Gi3_28419095_x1.....ucgugAgaacacggggug.....1
Gi2_11024679_x1.....gCgggaacacggggugccgaacu.....1
Gi1_4358394_x1.....ucgugggaacacgggAugccgaac.....1
G1a_6182121_x1.....Gucggagacgucgugggaacacggggugcc.....1
Gi5_9109727_x1.....cgugggaacCcgggugcc.....1
Gi2_11299263_x1.....agaUgucgugggaacacggggugcc.....1
Gi1_4231240_x1.....gucgugggaacacggggAgcc.....1
G1a_6050399_x1.GgcgauCggagacgucgugggaacac.....1
Gi1_4371409_x1.....ggaUcacggggugccgaa.....1
Gi3_28787252_x1.....cgauCggagacgucgugggaUacgggg.....1
Gi3_28756906_x1.....ucggagacgucgugAgaacacggggugccg.....1
Gi2_11172867_x1.....cgugggaacacgggAugccgaa.....1
Gi5_8982868_x1.....Ngggaacacggggugccgaacu.....1
Gi1_4258082_x1.....ucgugggaacacggggCgccc.....1
Gi5_8862570_x1.....cgucgugggaacacggUgugccgaa.....1
Gi2_11230623_x1.....agacguGgugggaacacggggugccga.....1
Gi2_11156692_x1.....aucggagacgucgugggaacacgUgg.....1
Gi2_11106193_x1.....aucggagaAgucgugggaacacggggugc.....1
Gi5_8880874_x1.....ugggaacacgggUugccgaa.....1
Gi5_9006416_x1.....acgucgugggaacacgggAugccgaac.....1

Gi2_11096538_x1.....cggagacgucgugggaacacggggugcG.....	1
Gi2_11020073_x1.....ggaAacgucgugggaacac.....	1
Gi1_4316594_x1.....cggagaAgucgugggaacacggggugcc.....	1
Gi3_28795395_x1.....gucgugAgaacacggggugcc.....	1
Gi1_4315634_x1...cgaucggagacgucgugggaacacggggugcc.....	0
Gi1_4175909_x1.....gugggUacacggggugccga.....	1
Gi5_8884907_x1.....cggGgacgucgugggaacacggggugccga.....	1
Gi1_4220712_x1.....aucggagacgucAugggaacacgg.....	1
Gi4_580276_x1.....gugggaacaUggggugccgaacu.....	1
Gi5_9001165_x1.....gagNcgucgugggaacacg.....	1
Gi5_9070689_x1...gaucggagacgucgugggGacac.....	1
Gi3_28485673_x1.....gagacgucgugggaacacAgggugccgaacu.....	1
Gi5_8911937_x1.....ugggaacacggggugcGaa.....	1
Gi5_9073721_x1.....aucggagacgucgCgggaacacg.....	1
Gl1a_5983233_x1.....ucgugggaacacggggCgccgaacu.....	1
Gi1_4245237_x1.....gucgugggaacacgggAugccgaac.....	1
Gi4_593204_x1.....acgucgugggaGacggggugccgaacu.....	1
Gi5_9090674_x1.....cggagacgCgugggaacacggggugcc.....	1
Gi1_4298364_x1...cgaucggagacgucgugggaacacggg.....	0
Gl1a_6297151_x1.....cgucgugggaacacggggAgccgaacu.....	1
Gi3_28647994_x1.....agacgucgugggaCcacggggugccgaacu.....	1
Gi2_11144232_x1.....gagacgucgCgggaacacggggugc.....	1
Gi3_28390097_x1.....ucAugggaacacggggugccgaa.....	1
Gl1a_6237595_x1.....aucggagacgucgugggaacaG.....	1
Gi2_11005262_x1.....ucgNagacgucgugggaacacggggugcc.....	1
Gi2_11202202_x1.....gggaacacggggugccgaaG.....	1
Gi3_28509712_x1.....cgugggaacacgCggugccga.....	1
Gi2_11096661_x1.....gugggaacacggggugccgaaG.....	1
Gi3_28281579_x1.....ggagacgucguggCaaca.....	1
Gi2_11177260_x1.....ucggagacgucgCgggaacacg.....	1
Gi2_11374152_x1.....ggagGcgucgugggaacacggggug.....	1
Gi2_11292121_x1.....agacgucgugggaacacggggAccgaacu.....	1
Gi1_4203629_x1.....gaacacggggAccgaacuu.....	1
Gi5_8979839_x1.....ggagGcgucgugggaacacggggugccgaac.....	1
Gi1_4233669_x1.....Cgggaacacggggugccg.....	1
Gi5_9046482_x1.....cgucCugggaacacggggugccgaacuu.....	1
Gi2_11205810_x1.....gagacgucgugggaacaUggggug.....	1
Gi1_4229862_x1.....ggagacgucCugggaacacggggugccg.....	1
Gi2_11196726_x1.....agacUucgugggaacacgggg.....	1
Gl1a_6052384_x1.....cgugggaacacggggugUc.....	1
Gi5_9055764_x1.....ucgugggaacacgUggugccgaacu.....	1
Gi3_28268539_x1.....Acgugggaacacggggugccga.....	1
Gi2_11111732_x1...aucggagacgucguUggaacacggg.....	1
Gi3_28531289_x1.....cggagacgucgugggaacacggggugUcgaacu.....	1
Gl1a_6070775_x1.....gugggaacacggggGgccg.....	1
Gi2_11310061_x1...aucggagacgucguCggaac.....	1
Gi2_11285185_x1.....ucgugggaacacggUgugccgaac.....	1

Gi3_19064345_x976	.....auauGggacaaggugcuuu	1
Gi3_19073123_x974	.....auauaggGcaaggugcuuu	1
Gi3_19174648_x938	.....auauaggacaGggugcuuu	1
Gi3_19633252_x800	.....aGauaggacaaggugcuu	1
Gi3_19663465_x789	.....auGuaggacaaggugcuuu	1
Gi3_19671350_x787	.....Guauaggacaaggugcuu	1
Gi3_19687069_x785	.....auauaggacaaggugcuuuau	0
Gi5_5382741_x784	.....auauagggaNaaggugcuuu	1
Gi3_19699613_x783	.....auauagggaNaaggugcuuuu	1
Gi5_5392090_x774	.....Guauaggacaaggugcuuu	1
Gi2_6302693_x645	.....auauagggaNaaggugcuuu	1
Gi3_20289606_x642	.....Uuauaggacaaggugcuuu	1
Gi2_6446576_x592	.....auaggacaaggugcuuuu	0
Gi3_20680524_x557	.....auauaggacaagUugcuuu	1
Gi2_6589811_x538	.....auauaggacaaggugcuuuGu	1
Gi4_297399_x513	.....auauaggacaaggugcuu	0
Gi5_5705196_x491	.....auauaggacaaggugcuuuau	0
Gi3_21250341_x459	.....auaCaggacaaggugcuuu	1
Gi5_5813584_x425	.....aGauaggacaaggugcuu	1
Gi3_21514378_x418	.....auUuaggacaaggugcuuuu	1
Gi3_21535619_x415	.....auauagggaNaaggugcuu	1
Gi3_21553826_x413	.....Auauauaggacaaggugcuu	1
Gi3_21858459_x368	.....aAauaggacaaggugcuuu	1
Gi2_7206652_x364	.....aGauaggacaaggugcuu	1
Gi2_7209924_x363	.....auUuaggacaaggugcuuu	1
Gi5_5923370_x359	.....auUuaggacaaggugcuuu	1
Gi3_22009135_x347	.....uauaggacaaggugcuuu	0
Gi5_5984967_x334	.....Auauauaggacaaggugcuuu	1
Gi2_7372837_x326	.....auauaggacaaggugcCuu	1
Gi3_22158695_x326	.....auauaAgacaaggugcuuu	1
Gi2_7394213_x321	.....Guauaggacaaggugcuu	1
Gi3_22250062_x315	.....auauagggaUaaggugcuuu	1
Gi1a_4326987_x309	.....auauaggacaaggugcuu	0
Gi1_2809470_x306	.....auauaggacaaggugcuu	0
Gi1_2813739_x304	.....Guauaggacaaggugcuuu	1
Gi1_2812523_x304	.....aGauaggacaaggugcuuu	1
Gi3_22359100_x302	.....auaggacaaggugcuuuu	0
Gi3_22389767_x299	.....auauaggacaaggugcuuuG	1
Gi3_22444523_x293	.....auauaggacaaggugcCuua	1
Gi5_6096546_x291	.....Guauaggacaaggugcuu	1
Gi2_7570140_x286	.....Auauauaggacaaggugcuu	1
Gi3_22624266_x274	.....auauaggacaCggugcuuuu	1
Gi1_2862836_x268	.....uauaggacaaggugcuuu	0
Gi5_6172262_x267	.....auauaggacaaggugcCuu	1
Gi3_22734967_x263	.....auauaggCcaaggugcuuu	1
Gi3_22788644_x258	.....auauaggacaaggugAcuuu	1
Gi3_22835967_x254	.....aCauaggacaaggugcuuuu	1

Gi3_22831903_x254	.....auauagAacaaggugcuuu	.....	1
Gi2_7755229_x253	.....auauaggacaaggCgcuuu	.....	1
Gi3_22849125_x253	.....auauaggacaaggAgcuuu	.....	1
Gi3_22849884_x253	.....auUuaggacaaggugcuu	.....	1
Gi5_6231990_x252	.....auauaggacGaggugcuuu	.....	1
Gi3_22861469_x251	.....auauaggacaaggCgcuua	.....	1
Gi3_22955952_x243	.....auauaggacaaggugUuuu	.....	1
Gi2_7819963_x243	.....auauaggacaaggugcuuC	.....	1
Gi5_6268497_x242	.....aCauaggacaaggugcuuu	.....	1
Gi5_6301572_x234	.....auauaggaNaaggugcuu	.....	1
Gi5_6311581_x232	.....auauaggacaaggugcuuC	.....	1
Gi5_6310885_x232	.....aGauaggacaaggugcuua	.....	1
Gi5_6318959_x230	.....auauaggacaCggugcuuu	.....	1
Gi3_23128899_x229	.....auauaggacaaggugcuuu	.....	1
Gi3_23156031_x227	.....auauaggGcaaggugcuua	.....	1
Gi3_23169832_x226	.....auauaggacaaggugcCu	.....	1
Gi1_2948860_x226	.....auauaggacaaggugcuuuU	.....	1
Gi3_23201468_x223	.....auaggacaaggugcuuuU	.....	1
Gi5_6378591_x218	.....uauauaggacaaggugcuuu	.....	0
Gi3_23295034_x216	.....auauaggacaaAgugcuuu	.....	1
Gi3_23304100_x215	.....auauaggacGaggugcuua	.....	1
Gi3_23354703_x212	.....auauaggacaGggugcuua	.....	1
Gi5_6419115_x211	.....auauaggGcaaggugcuuu	.....	1
Gi2_8051163_x210	.....auaggacaaggugcuuuGu	.....	1
Gi2_8068068_x208	.....auauGggacaaggugcuuu	.....	1
Gi3_23424001_x207	.....uauauaggacaaggugcuuu	.....	0
Gi3_23455070_x204	.....uauaggacaaggugcuua	.....	0
Gi2_8109386_x203	.....Guauaggacaaggugcuua	.....	1
Gi3_23501688_x201	.....auauGggacaaggugcuua	.....	1
Gi2_8134931_x199	.....auauaggaNaaggugcuu	.....	1
Gi2_8138712_x199	.....aGauaggacaaggugcuua	.....	1
Gi2_8149026_x198	.....aCauaggacaaggugcuuu	.....	1
Gi3_23608301_x194	.....Cuauaggacaaggugcuuu	.....	1
Gi3_23617980_x193	.....auaggacaaggugcuuaucuc	.....	0
Gi3_23638960_x192	.....auauUggacaaggugcuuu	.....	1
Gi3_23639536_x192	.....Cauauaggacaaggugcuu	.....	1
Gi5_6532420_x191	.....auauaggacaaggCgcuuu	.....	1
Gi3_23691709_x188	.....aggacaaggugcuuaucuc	.....	0
Gi3_23739825_x185	.....auauaggacUaggugcuuu	.....	1
Gi2_8281681_x183	.....auauaggGcaaggugcuuu	.....	1
Gl1a_4659085_x183	.....auauaggacaaggugcuua	.....	0
Gi1_3062030_x181	.....auauaggacaaggugcuuuGu	.....	1
Gi2_8303817_x180	.....auauaggacaCggugcuuu	.....	1
Gi3_23808593_x180	.....aGaggacaaggugcuua	.....	1
Gi5_6623390_x178	.....auauaggacaGggugcuuu	.....	1
Gi2_8318515_x178	.....auauaggacaGggugcuuu	.....	1
Gi1_3075844_x177	.....auauaggaNaaggugcuuu	.....	1

Gi3_23875457_x176	.....auauaggacaUggugcuuu	1
Gi2_8335876_x176	.....uauaggacaaggugcuuuG	1
Gi3_23929755_x172	.....auauaggacGaggugcuu	1
Gi2_8375013_x172	.....uauaggacaaggugcuuu	0
Gi3_23972173_x170	.....auauCggacaaggugcuuu	1
Gi3_23991975_x169	.....auauaggacaCggugcuu	1
Gi3_24034462_x166	.....AuauauaggacaaggugcuuuA	1
Gi5_6723364_x164	.....GuauaggacaaggugcuuuA	1
Gi1_3124362_x163	.....auauaggacaaggugcuuuA	0
Gi5_6741140_x162	.....auauGggacaaggugcuuu	1
Gi3_24107520_x161	.....auauaggacaaggugcuuA	1
Gi2_8525416_x156	.....auauaggacGaggugcuuu	1
Gi3_24225641_x154	.....auaAaggacaaggugcuuu	1
Gi3_24278758_x150	.....auaggacaaggugcuuuG	1
Gi3_24277258_x150	.....auauaggUcaaggugcuuu	1
Gi3_24294178_x149	.....auauaggacaaggGgcuuu	1
Gi3_24336038_x147	.....aCauaggacaaggugcuu	1
Gi3_24360375_x145	.....auauaggacaaggugcuAu	1
Gi3_24354720_x145	.....auGuaggacaaggugcuuuA	1
Gi3_24373971_x144	.....GuaggacaaggugcuuuA	1
Gi2_8704208_x139	.....auGuaggacaaggugcuuu	1
Gi3_24457524_x139	.....auauaggGcaaggugcuu	1
Gi3_24471007_x139	.....UuauaggacaaggugcuuuA	1
Gi3_24484415_x138	.....auauaggacaaggugcuCua	1
Gi3_24509252_x136	.....auauaggacaaggugAuuu	1
Gi2_8750832_x134	.....auUuaggacaaggugcuu	1
Gi3_24554894_x134	.....auauaggacaaggCgcuu	1
Gi3_24550070_x134	.....auauaggacaaggugcuuCa	1
Gi2_8830444_x127	.....auauaggaNaaggugcuuuA	1
Gi3_24690502_x126	.....auauGggacaaggugcuu	1
Gi1_3281969_x125	.....Auauauaggacaaggugcuuu	1
Gi5_7092983_x121	.....auauaggaNaaggugcuuuA	1
Gi2_8910186_x120	.....Uuauaggacaaggugcuuu	1
Gi3_24823682_x118	.....auauaggacaagUugcuuuA	1
Gi3_24844917_x117	.....acuauauaggacaaggugcuuuA	0
Gi3_24832047_x117	.....aAuaggacaaggugcuuuA	1
Gi2_8943308_x117	.....auauaggacaaggugcCu	1
Gi5_7138385_x117	.....auGuaggacaaggugcuuu	1
Gi3_24852361_x116	.....cuauauaggacaaggugcuuu	0
Gi1_3325007_x115	.....auauaggacaaggugcuuuG	1
Gi3_24918360_x113	.....auaCaggacaaggugcuuuA	1
Gi5_7182475_x112	.....Uuauaggacaaggugcuuu	1
Gi3_24921506_x112	.....auauaggacCaggugcuuu	1
Gi5_7183595_x112	.....auauaggacaagUugcuuu	1
Gi5_7204629_x109	.....auUuaggacaaggugcuu	1
Gi5_7209861_x109	.....auauaggacaaggugcCu	1
Gi5_7218005_x108	.....acuauauaggacaaggugcuuu	0

Gi5_7224593_x108	.....auaCaggacaaggugcuuu	1
Gi1_3359306_x107	.....auUuaggacaaggugcuuu	1
Gi3_25056796_x105	.....auauaggacaagCugcuuu	1
Gi3_25064605_x104	.....auaggacaNggugcuuu	1
Gi2_9139651_x101	.....auauaggGcaaggugcuu	1
Gi3_25118778_x101	.....auauaggacaGggugcuu	1
Gi2_9163977_x99	.....auaCaggacaaggugcuuu	1
Gi3_25217104_x96	.....Uuauaggacaaggugcuu	1
Gi5_7355006_x95	.....auauaggacaaggugcuuuaucucg	0
Gi3_25261141_x93	.....auGuaggacaaggugcuu	1
Gi2_9238748_x92	.....auauaggacaagUugcuuu	1
Gi5_7389736_x92	.....auauaggacaCggugcuu	1
Gi5_7394320_x91	.....auauaggGcaaggugcuu	1
Gi5_7401054_x91	.....Auauauaggacaaggugcuu	1
Gi3_25336656_x89	.....auauaggacaaggugcAuu	1
Gi3_25377495_x87	.....auaNaggacaaggugcuuu	1
Gi5_7452438_x86	.....aggacaaggugcuuuaucucg	0
Gi1_3464551_x86	.....auauaggacaaggugcCuu	1
Gi5_7500244_x82	.....auauaggacaaggCgcuu	1
Gi3_25478273_x81	.....auauaggacaUggugcuuu	1
Gi3_25518590_x79	.....auauaggacaagUugcuu	1
Gi1_3501535_x78	.....auauaggacaaggCgcuuu	1
Gi5_7554032_x77	.....aAauaggacaaggugcuuu	1
Gi2_9422033_x77	.....auauaggacaGggugcuu	1
Gi2_9429429_x76	.....auauaggacaCggugcuu	1
Gi3_25578735_x75	.....auauaggacaaggugcGuu	1
Gi5_7577071_x75	.....aCauaggacaaggugcuu	1
Gi5_7598924_x73	.....auauaggacGaggugcuu	1
Gi2_9470107_x73	.....aAauaggacaaggugcuuu	1
Gi5_7631275_x71	.....auauGggacaaggugcuu	1
Gi1a_5110955_x71	.....Cauauaggacaaggugcuuu	1
Gi5_7640038_x70	.....auauaggacUaggugcuuu	1
Gi1_3541926_x70	.....auauaggacaaggugcuuuaucucgc	0
Gi5_7638918_x70	.....auUuaggacaaggugcuuu	1
Gi5_7646785_x69	.....auauaAgacaaggugcuuu	1
Gi2_9543471_x67	.....aCauaggacaaggugcuu	1
Gi3_25736749_x67	.....auauaggCcaaggugcuuu	1
Gi3_25736012_x67	.....auaCaggacaaggugcuu	1
Gi3_25780217_x65	.....auauagCacaaggugcuuu	1
Gi2_9561626_x65	.....auauaggacaagguAcuuu	1
Gi5_7702331_x65	.....acuauauaggacaaggugcuuu	0
Gi1a_5157364_x64	.....auaggacaaggugcuuuau	0
Gi1_3574120_x64	.....auauaggacaaggugcuuC	1
Gi2_9597825_x62	.....auauaAgacaaggugcuuu	1
Gi1_3585357_x61	.....auauaggacGaggugcuuu	1
Gi5_7753211_x61	.....agggggugugugggggcgcuu	0
Gi2_9611425_x61	.....auUuaggacaaggugcuuu	1

Gi3_25843385_x61	..... auauaUgacaaggugcuuu	1
Gi3_25860949_x60	..... auauaAgacaaggugcuuu	1
Gi5_7755856_x60	..... auauaggCcaaggugcuuu	1
Gi5_7767882_x59	..... auauaggacaaggugUuuu	1
Gi3_25888157_x59	..... auauUggacaaggugcuu	1
Gi2_9634911_x59	..... auauaggacaaggugcUua	1
Gi1_3616146_x56	..... aCauaggacaaggugcuuu	1
Gi3_25950622_x56	..... auauaggacaagguAcuuu	1
Gi5_7834229_x54	..... Guauaggacaaggugcuuuu	1
Gi3_25984170_x54	..... auauaggaUaaggugcuuu	1
Gi1_3629333_x53	..... acuauauaggacaaggugcuuu	0
Gi1_3631718_x53	..... auauaggacaaggugcuuuu	0
Gi5_7840843_x53	..... auauaggacaaggCgcuuu	1
Gi2_9726394_x52	..... auauaggacaCggugcuuu	1
Gi1_3632814_x52	..... auauaggGcaaggugcuuu	1
Gi2_9740113_x51	..... auauaggacaAagugcuuu	1
Gi2_9743295_x50	..... auaAaggacaaggugcuuu	1
Gi5_7882436_x50	..... auauaggacaUggugcuuu	1
Gi3_26059686_x50	..... auauaggacaaggugUuuu	1
Gi5_7899365_x49	..... aCauaggacaaggugcuuu	1
Gi3_26094707_x49	..... aAauaggacaaggugcuu	1
Gi2_9758140_x49	..... auauaggacaaggCgcuuu	1
Gi1_3646860_x49	..... auauaggacaCggugcuuu	1
Gi2_9755837_x49	..... auauGggacaaggugcuu	1
Gi2_9777293_x48	..... auauaggacaagAugcuuu	1
Gi2_9773213_x48	..... auauaggacaaggugUuuu	1
Gi5_7913744_x48	..... auauaggacaGggugcuuu	1
Gi3_26112464_x48	..... auauagAacaaggugcuuu	1
Gi5_7919253_x47	..... auauaggacaGggugcuu	1
Gi3_26134968_x47	..... auauaggacaagAugcuuu	1
Gi5_7917984_x47	..... auGuaggacaaggugcuu	1
Gi3_26129281_x47	..... auauaggacaaggugcuAua	1
Gi3_26140863_x46	..... auauaggCcaaggugcuu	1
Gi4_473696_x46	..... aGauaggacaaggugcuuu	1
Gi3_26152041_x46	..... auauaggaAaaggugcuuu	1
Gi3_26151167_x46	..... auUggacaaggugcuuu	1
Gi5_7939539_x46	..... aGaggacaaggugcuuu	1
Gi5_7937055_x46	..... auauUggacaaggugcuuu	1
Gi5_7949967_x45	..... auauaggaUaaggugcuuu	1
Gi3_26173843_x45	..... auauaggacaaggAgcuuu	1
Gi1_3670035_x45	..... auauaggacaGggugcuuu	1
Gi2_9807414_x45	..... auauaggCcaaggugcuuu	1
Gi5_7947582_x45	..... auauaggacaCggugcuuu	1
Gi5_7953297_x45	..... auauaggacaagguAcuuu	1
Gi2_9815919_x45	..... auauaggacUaggugcuuu	1
Gi5_7963043_x44	..... auauaggacaaggAgcuuu	1
Gi5_7965463_x44	..... auauCggacaaggugcuuu	1

Gi1a_5296452_x44.....	aGauaggacaaggugcuuu.....	1
Gi3_26194997_x44.....	Guauauaggacaaggugcuuu.....	1
Gi2_9832454_x44.....	gcuucugucacgcacuaauauagg.....	0
Gi5_7956003_x44.....	auauaggUcaaggugcuuu.....	1
Gi3_26205056_x43.....	auauaAgacaaggugcuu.....	1
Gi2_9838099_x43.....	auauaggacGaggugcuu.....	1
Gi2_9841281_x43.....	auauaggGcaaggugcuuu.....	1
Gi2_9838056_x43.....	auauaggacaaggAgcuuu.....	1
Gi5_7967443_x43.....	Uuauaggacaaggugcuu.....	1
Gi3_26225959_x42.....	auauaggacaaggGgcuuu.....	1
Gi3_26225665_x42.....	auauaggacUaggugcuuu.....	1
Gi3_26238433_x42.....	aCaggacaaggugcuuu.....	1
Gi5_7987930_x42.....	auauaggacaagAugcuu.....	1
Gi5_7985704_x42.....	auauaggGcaaggugcuuu.....	1
Gi3_26237593_x42.....	avaggacaaggugcCuua.....	1
Gi1_3696422_x41.....	Uuauaggacaaggugcuuu.....	1
Gi3_26255362_x41.....	auauaggacaaAgugcuuu.....	1
Gi2_9862673_x41.....	auauaggacaaggCgcuu.....	1
Gi3_26245317_x41.....	auauUggacaaggugcuuu.....	1
Gi5_8007294_x40.....	auaAaggacaaggugcuuu.....	1
Gi5_8007254_x40.....	auauagAacaaggugcuu.....	1
Gi3_26276850_x40.....	auNuaggacaaggugcuu.....	1
Gi5_8015054_x40.....	auauaggacaagUugcuu.....	1
Gi3_26276610_x40.....	auauaggacaaggugcuGu.....	1
Gi2_9881490_x40.....	auauaggacaaggugAuuu.....	1
Gi5_8009134_x40.....	Cuauaggacaaggugcuuu.....	1
Gi5_8021561_x39.....	auauaggacaaAgugcuuu.....	1
Gi4_481421_x39.....	Guauaggacaaggugcuuu.....	1
Gi1_3706661_x39.....	auauGggacaaggugcuuu.....	1
Gi3_26303388_x39.....	auaggGcaaggugcuuu.....	1
Gi2_9897604_x39.....	aCauaggacaaggugcuuu.....	1
Gi3_26299449_x39.....	auCuaggacaaggugcuuu.....	1
Gi2_9905735_x38.....	auauaggacaUggugcuuu.....	1
Gi2_9904747_x38.....	auGuaggacaaggugcuu.....	1
Gi3_26321420_x38.....	auauaCgacaaggugcuuu.....	1
Gi3_26323396_x38.....	auauaggacaaggugcuuG.....	1
Gi5_8046300_x37.....	auauaggacaaggugcuAu.....	1
Gi5_8049297_x37.....	auaCaggacaaggugcuu.....	1
Gi3_26335786_x37.....	auauaggacaaggAugcuu.....	1
Gi5_8063644_x36.....	auauaggacaaggugcuuCa.....	1
Gi2_9955719_x35.....	auauaggacaaggugcuuA.....	1
Gi2_9945814_x35.....	auauaggacaagUugcuu.....	1
Gi2_9949034_x35.....	auauCggacaaggugcuuu.....	1
Gi3_26383865_x35.....	auaggacaGggugcuuu.....	1
Gi3_26387855_x35.....	auaGaggacaaggugcuuu.....	1
Gi3_26378510_x35.....	Cuauaggacaaggugcuuu.....	1
Gi2_9952219_x35.....	auauaggaUaaggugcuuu.....	1

Gi5_8089751_x34.....	auauaggacGaggugcuuu.....	1
Gi2_9966371_x34.....	auauUggacaaggugcuuu.....	1
Gi2_9960387_x34.....	Uuauaggacaaggugcuu.....	1
Gi3_26408682_x34.....	..auagUacaaggugcuuu.....	1
Gi2_9968581_x34.....	..auaCaggacaaggugcuu.....	1
Gi3_26398278_x34.....	..auaAaggacaaggugcuuu.....	1
Gi3_26430868_x33.....	..auaggacaaggCgcuuu.....	1
Gi2_9980304_x33.....	..auauagAacaaggugcuuu.....	1
Gi3_26428327_x33.....	..auauaggacaaAgugcuu.....	1
Gi2_9998365_x32.....	..Cuauaggacaaggugcuuu.....	1
Gi5_8116550_x32.....	..auauGggacaaggugcuuu.....	1
Gi2_9995677_x32.....	..auauGggacaaggugcuuu.....	1
Gi1_3754919_x31.....	..auGuaggacaaggugcuuu.....	1
Gi3_26477871_x31.....	..auaggacGaggugcuuu.....	1
Gi4_491008_x31.....	..auauaggaNaaggugcuuu.....	1
Gi3_26470958_x31.....	..auauaggacaaggugcuA.....	1
Gi3_26472446_x31.....	..auauaggacaaggugUuu.....	1
Gi5_8123836_x31.....	..auaNaggacaaggugcuuu.....	1
Gi5_8122162_x31.....	..auauaggacaaggugcCuua.....	1
Gi3_26504430_x30.....	..auauaggacaUggugcuu.....	1
Gi4_491669_x30.....	..aGauaggacaaggugcuuu.....	1
Gi3_26513010_x30.....	..Nuauaggacaaggugcuuu.....	1
Gi3_26497800_x30.....	..auauaggacaagguAcuu.....	1
Gi1a_5399316_x30.....	..Guauaggacaaggugcuuu.....	1
Gi3_26526508_x29.....	..auauaggaUaaggugcuu.....	1
Gi3_26543212_x29.....	..auauaggacaaggugcAuaa.....	1
Gi3_26536136_x29.....	..auauCggacaaggugcuuu.....	1
Gi5_8159129_x28.....	..auauaggacaaggugcuuA.....	1
Gi1_3770100_x28.....	..auauaggacaagUugcuuu.....	1
Gi3_26566453_x28.....	..auGggacaaggugcuuu.....	1
Gi3_26546349_x28.....	..auauaggUcaaggugcuuu.....	1
Gi3_26562197_x28.....	..auauagAacaaggugcuu.....	1
Gi2_10072442_x27.....	..auauaggacaaggugcAuu.....	1
Gi4_495338_x27.....	..Guauaggacaaggugcuuu.....	1
Gi5_8191738_x26.....	..auauaggacaaggugAuuu.....	1
Gi3_26612595_x26.....	..auauaggacaaggugcuuuU.....	1
Gi5_8187500_x26.....	..auauaggaAaaggugcuuu.....	1
Gi2_10096197_x25.....	..auauaggacaaggugcuuCa.....	1
Gi1_3793281_x25.....	..auaggacaaggugcuuuU.....	1
Gi3_26626918_x25.....	..auaAaggacaaggugcuu.....	1
Gi3_26673872_x24.....	..auauaggacaaggAgcuu.....	1
Gi3_26668496_x24.....	..auauaggUcaaggugcuu.....	1
Gi2_10110931_x24.....	..auauaggUcaaggugcuu.....	1
Gi2_10109995_x24.....	..auauaggacGaggugcuuu.....	1
Gi1_3797918_x24.....	..auaCaggacaaggugcuuu.....	1
Gi1a_5457256_x24.....	..auauaggaNaaggugcuuu.....	1
Gi3_26653640_x24.....	..auauaggacUaggugcuu.....	1

Gi5_8223295_x23	. . . . .Guaggacaaggugcuuuu	1
Gi5_8231713_x23	. . . . .auauaAgacaaggugcuu	1
Gi3_26682837_x23	. . . . .auauaggacaaggGgcuu	1
Gi3_26702226_x23	. . . . .aGauaggacaaggugcuuuau	1
Gi3_26684769_x23	. . . . .auauaggacaaggugAuuua	1
Gi3_26703422_x23	. . . . .auaggacaCggugcuuuu	1
Gi2_10137180_x23	. . . . .auauaggacaaggGgcuuu	1
Gi3_26722258_x22	. . . . .auauaggacaaCgugcuuu	1
Gi5_8244079_x22	. . . . .auaggacaNggugcuuuu	1
Gi2_10155084_x22	. . . . .Uuauaggacaaggugcuuuu	1
Gi3_26726328_x22	. . . . .Guauaggacaaggugcuuuau	1
Gi2_10144788_x22	. . . . .auauaggacaaggugcuCua	1
Gi2_10140916_x22	. . . . .auauaggacaGggugcuuuu	1
Gi2_10150794_x22	. . . . .auauaggacaaggugcuAu	1
Gi5_8257584_x21	. . . . .auauaggacaagUugcuuuu	1
Gi5_8248974_x21	. . . . .aAuuaggacaaggugcuu	1
Gi3_26748324_x21	. . . . .auaggauAaggugcuuuu	1
Gi5_8255652_x21	. . . . .auauaggCcaaggugcuu	1
Gi1_3819636_x21	. . . . .auaAaggacaaggugcuuu	1
Gi3_26767056_x21	. . . . .auauaggacaagguUcuuu	1
Gi2_10163119_x21	. . . . .auauaggacaaggugUuu	1
Gi2_10165408_x21	. . . . .auaCaggacaaggugcuuuu	1
Gi5_8275629_x20	. . . . .auauaggacCaggugcuuu	1
Gi3_26779265_x20	. . . . .auauagUacaaggugcuuu	1
Gi5_8275889_x20	. . . . .auUggacaaggugcuuuu	1
Gi5_8264869_x20	. . . . .auauaggacaaggugUuu	1
Gi5_8276809_x20	. . . . .auaCaggacaaggugcuuuu	1
Gi3_26799005_x20	. . . . .auauaggacaaggugcuuAa	1
Gi5_8283562_x19	. . . . .auGuaggacaaggugcuuuu	1
Gi3_26834452_x19	. . . . .auauaggacCaggugcuuuu	1
Gi5_8291694_x19	. . . . .auauaggacaaggGgcuuu	1
Gi3_26823223_x19	. . . . .auauaggacaaggugGuuu	1
Gi5_8279154_x19	. . . . .auaggacaaggCgcuuuu	1
Gi2_10202209_x19	. . . . .auauUggacaaggugcuu	1
Gi3_26828163_x19	. . . . .auauaggacaagguCcuuu	1
Gi3_26826187_x19	. . . . .auaNaggacaaggugcuuuu	1
Gi2_10201107_x19	. . . . .aGaggacaaggugcuuuu	1
Gi4_505812_x18	. . . . .auauaggauNaaggugcuuuu	1
Gi2_10226578_x18	. . . . .aAuuaggacaaggugcuu	1
Gi3_26866168_x18	. . . . .auauCggacaaggugcuu	1
Gi5_8292735_x18	. . . . .auauagCacaaggugcuuu	1
Gi2_10209892_x18	. . . . .auauaggCcaaggugcuu	1
Gi5_8302365_x18	. . . . .auauaggacaaAgugcuu	1
Gi5_8294085_x18	. . . . .auauaggacaaggugcuCua	1
Gi2_10245148_x17	. . . . .auauaAgacaaggugcuu	1
Gi3_26905412_x17	. . . . .auauaggauAaggugcuuu	1
Gi2_10240779_x17	. . . . .auauaggacCaggugcuuu	1

Gi3_26909288_x17	.....auaAgacaaggugcuuuu	1
Gi5_8319252_x17	.....auauaggacaaggAgcuu	1
Gi5_8315444_x17	.....auauagAacaaggugcuuuu	1
Gi2_10238756_x17	.....auaNaggacaaggugcuuu	1
Gi3_26897439_x17	.....auaggacaaggGgcuuuu	1
Gi1_3850667_x17	.....auauaAgacaaggugcuuu	1
Gi1_3860465_x16	.....auauUggacaaggugcuuu	1
Gi2_10271545_x16	.....auauaggacaaAgugcuu	1
Gi3_26927245_x16	.....auauaggacaagCugcuuuu	1
Gi2_10265689_x16	.....auGuaggacaaggugcuuuu	1
Gi3_26926925_x16	.....auauaggacaaggugcuuuC	1
Gi3_26915309_x16	.....auaggacaaggugcuCua	1
Gi5_8323168_x16	.....auauaggacaaggugcAuu	1
Gi2_10256761_x16	.....auauaggacaagCugcuuu	1
Gi3_26942941_x16	.....auaNaggacaaggugcuu	1
Gi5_8344547_x15	.....Uuuauaggacaaggugcuuuu	1
Gi1_3869267_x15	.....auauaggacaaggugUuuu	1
Gi2_10290850_x15	.....auauaggacaaggugcGuu	1
Gi3_26971480_x15	.....uauaAgacaaggugcuuu	1
Gi3_26972365_x15	.....auaggacaaggugcuuCa	1
Gi3_27020269_x14	.....Cuauaggacaaggugcuu	1
Gi5_8359331_x14	.....auauUggacaaggugcuu	1
Gi2_10317673_x14	.....auauaggacaaggGgcuu	1
Gi3_26997323_x14	.....auCuaggacaaggugcuuuu	1
Gi5_8357651_x14	.....auauCggacaaggugcuu	1
Gi3_27008635_x14	.....aUgacaaggugcuuuaucu	1
Gi4_511772_x14	.....aGauaggacaaggugcuu	1
Gi5_8371441_x14	.....auauaggacaaggugcuuuG	1
Gi5_8360409_x14	.....auauaggacaagCugcuuu	1
Gi1_3884201_x13	.....auauaggacaaggGgcuuu	1
Gi3_27075168_x13	.....auauaggacaaggugAuu	1
Gi5_8385974_x13	.....aGauaggacaaggugcuuuu	1
Gi5_8384440_x13	.....Guauauaggacaaggugcuuu	1
Gi5_8382256_x13	.....auauaggaUaaggugcuu	1
Gi3_27048713_x13	.....auauaggacaaUgugcuuu	1
Gi1_3883564_x13	.....auauaggacaagguAcuuu	1
Gi5_8389029_x13	.....auauaggacaagAugcuu	1
Gi5_8382139_x13	.....Cuauaggacaaggugcuu	1
Gi2_10327641_x13	.....auauaggCcaaggugcuuuu	1
Gi5_8379864_x13	.....auaggGcaaggugcuuuu	1
Gi5_8390147_x13	.....auauaggacaUggugcuuuu	1
Gi3_27069968_x13	.....auauaCgacaaggugcuuuu	1
Gi2_10321830_x13	.....auauagAacaaggugcuu	1
Gi3_27120777_x12	.....Uuaggacaaggugcuuuu	1
Gi5_8395866_x12	.....auaAaggacaaggugcuu	1
Gi5_8397246_x12	.....auauaggCcaaggugcuuuu	1
Gi2_10353766_x12	.....auaAaggacaaggugcuu	1

Gi5_8401050_x12.....	auauaggacaaggugcAu.....	1
Gi1_3894602_x12.....	auauaggacaaggugcuuA.....	1
Gi5_8400522_x12.....	auauaggacaaggugcuA.....	1
Gi5_8401902_x12.....	auauaAgacaaggugcuuuA.....	1
Gi5_8406366_x12.....	.auaggacaGggugcuuuA.....	1
Gi5_8409534_x12.....	auauaggacaaggguAuu.....	1
Gi2_10349950_x12.....	auauaggacaaggugUuuuuA.....	1
Gi3_27093057_x12.....	.aAaggacaaggugcuuuA.....	1
Gi5_8405874_x12.....	auauaggacaaggguAuuuuA.....	1
Gi2_10357570_x12.....	.aAauaggacaaggugcuuuA.....	1
Gi1_3904034_x12.....	auauaggacUaggugcuuu.....	1
Gi5_8405886_x12.....	auauaggacaaggugcGuu.....	1
Gi2_10363546_x12.....	.auauaggacaagUugcuuuA.....	1
G1a_5603694_x11.....	auauaggacaGggugcuuu.....	1
Gi2_10383574_x11.....	.auauaggacCaggugcuu.....	1
Gi4_517552_x11.....	auUuaggacaaggugcuuu.....	1
Gi3_27133734_x11.....	.auauaggacaaggugcAu.....	1
Gi3_27172850_x11.....	.auauaggaaAaggugcuuuA.....	1
G1a_5605256_x11.....	auauaggacaaggugcCuu.....	1
Gi5_8427119_x11.....	auauaggUcaaggugcuu.....	1
Gi2_10373454_x11.....	.auauaggacaaUgugcuuu.....	1
Gi2_10382221_x11.....	.Cuauaggacaaggugcuu.....	1
Gi1_3912405_x11.....	auauaggacaaggugAuuu.....	1
Gi5_8415723_x11.....	auauagAacaaggugcuu.....	1
Gi5_8422433_x11.....	auauaggacaaggAgcuuuA.....	1
Gi2_10377942_x11.....	.auauaggaaUaaggugcuu.....	1
Gi2_10376655_x11.....	.auCuaggacaaggugcuuu.....	1
Gi4_518421_x11.....	.Guauaggacaaggugcuu.....	1
Gi3_27151103_x11.....	.auauaggacaaUgugcuuuA.....	1
Gi3_27156449_x11.....	.auUuaggacaaggugcuuuau.....	1
Gi5_8427207_x11.....	auauaggacaUggugcuu.....	1
Gi5_8413600_x11.....	.auaggacaaggugcuCua.....	1
Gi3_27157186_x11.....	.auaggacaagAugcuuuA.....	1
Gi5_8417076_x11.....	.auauaggacaaAgugcuuuA.....	1
Gi1_3926584_x10.....	.Gauaggacaaggugcuuu.....	1
Gi4_520499_x10.....	auauaggacaGggugcuuu.....	1
Gi3_27194042_x10.....	.auaggacCaggugcuuuA.....	1
Gi2_10425392_x10.....	.auaAaggacaaggugcuuuA.....	1
Gi5_8451776_x10.....	.Gauauaggacaaggugcuuu.....	1
Gi2_10425262_x10.....	.auauaggaaUaaggugcuuuA.....	1
Gi3_27209282_x10.....	.auaggacaaggguUcuuuA.....	1
Gi5_8440156_x10.....	.aAauaggacaaggugcuuuA.....	1
Gi2_10408392_x10.....	.GuaggacaaggugcuuuA.....	1
Gi3_27199872_x10.....	.auauagCacaaggugcuu.....	1
Gi4_520229_x10.....	.auauaggacaaggugcCua.....	1
Gi5_8442996_x10.....	.auauaggacaaggugcuAua.....	1
Gi2_10406372_x10.....	.auauaggUcaaggugcuuuA.....	1

Gi3_27235452_x10	.....auauaggacaaggugcGu	1
Gi5_8442056_x10	.....Nuauaggacaaggugcuuu	1
Gi3_27217862_x10	.....uGuauaggacaaggugcuuu	1
Gi1_3922174_x10	.....auauaggacaagAugcuuu	1
Gi1_3917154_x10	.....Guauaggacaaggugcuu	1
Gi3_27202522_x10	.....Guauauaggacaaggugcuu	1
Gi2_10415342_x10	.....Guauauaggacaaggugcuu	1
Gi4_519959_x10	.....auauaggacaaggCgcuuu	1
Gi3_27197412_x10	.....auauagCacaaggugcuua	1
Gi4_523737_x9	.....auauaggacaaggugcuuC	1
Gi3_27244729_x9	.....auauaggaAaaggugcuu	1
Gi5_8470911_x9	.....auauaggacaaggugAuu	1
Gi1a_5654227_x9	.....auauaggGcaaggugcuuu	1
Gi1_3941425_x9	.....Cuauaggacaaggugcuuu	1
Gi4_523512_x9	.....auauaggacaGggugcuua	1
Gi2_10433280_x9	.....auauaggacUaggugcuu	1
Gi2_10442262_x9	.....auauaggacaaggAgcuu	1
Gi5_8460849_x9	.....auauaggacUaggugcuua	1
Gi2_10439733_x9	.....auauaggacaagguAuu	1
Gi2_10445817_x9	.....auauaggacaaggugcuuuC	1
Gi5_8463756_x9	.....auaggacaaggugcCuua	1
Gi2_10435377_x9	.....auauCggacaaggugcuu	1
Gi4_521352_x9	.....auUuaggacaaggugcuua	1
Gi2_10446042_x9	.....Cuauaggacaaggugcuua	1
Gi2_10441155_x9	.....auauaggacaaggugAuu	1
Gi2_10452810_x9	.....auauUggacaaggugcuua	1
Gi3_27298342_x9	.....auaggacaagguAcuua	1
Gi4_522234_x9	.....auGuaggacaaggugcuuu	1
Gi4_521415_x9	.....auauaggacaCggugcuuu	1
Gi5_8453505_x9	.....auauaggacaagAugcuua	1
Gi3_27270046_x9	.....Guaggacaaggugcuuuau	1
Gi3_27275743_x9	.....auauaggaNaaggugcuuuau	1
Gi4_523755_x9	.....auauaggacaaggugcCuu	1
Gi5_8485785_x8	.....auauaggacaagCugcuu	1
Gi1a_5656545_x8	.....auauaggacaCggugcuuu	1
Gi1_3944245_x8	.....auauCggacaaggugcuuu	1
Gi2_10466242_x8	.....auauaggUcaaggugcuu	1
Gi3_27334225_x8	.....auauaUgacaaggugcuua	1
Gi3_27335177_x8	.....Gcuauauaggacaaggugcuua	1
Gi3_27376969_x8	.....auauaggacaagCugcuu	1
Gi4_525856_x8	.....auauaggacaaggugcCu	1
Gi3_27324121_x8	.....auauaggacaaggugcGuua	1
Gi5_8489737_x8	.....auauaggacaaggGgcuu	1
Gi1_3946125_x8	.....auauaggacaaggAgcuuu	1
Gi1_3949061_x8	.....aGauaggacaaggugcuu	1
Gi2_10462154_x8	.....auauaggaAaaggugcuuu	1
Gi1a_5676273_x8	.....aGauaggacaaggugcuu	1

Gi2_10488090_x8.....	..auauaAgacaaggugcuuuu.....	1
Gi2_10473930_x8.....	..auaggacaNggugcuuuu.....	1
Gi5_8478345_x8.....	..auauaggacUaggugcuu.....	1
Gi2_10474714_x8.....	..auauaggacaaggugcuA.....	1
Gi3_27329001_x8.....	..auauaggacaaggugcuGua.....	1
Gi3_27337281_x8.....	..auagAacaaggugcuuuu.....	1
Gi5_8478953_x8.....	..auNuaggacaaggugcuuu.....	1
Gi2_10470098_x8.....	..auauaggacaaggugcuuG.....	1
Gi1_3949229_x8.....	..aAauaggacaaggugcuuu.....	1
Gi1a_5676321_x8.....	..aCauaggacaaggugcuuu.....	1
Gi3_27340017_x8.....	..Nuauaggacaaggugcuuuu.....	1
Gi5_8500913_x8.....	..auauaggacaaggugUuuuu.....	1
Gi1a_5655513_x8.....	..auUuaggacaaggugcuuu.....	1
Gi2_10491834_x8.....	..auauaggacaUggugcuu.....	1
Gi1_3942525_x8.....	..auauaggUcaaggugcuuu.....	1
Gi2_10520775_x7.....	..auauaggacaagAugcuuuu.....	1
Gi5_8526860_x7.....	..auauaggacaagguCcuuu.....	1
Gi3_27445038_x7.....	..auaggacUaggugcuuuu.....	1
Gi4_527012_x7.....	..auauaggGcaaggugcuuu.....	1
Gi5_8521960_x7.....	..auaNaggacaaggugcuu.....	1
Gi2_10527180_x7.....	..auauaggacaagAugcuu.....	1
Gi5_8529170_x7.....	..auauagUacaaggugcuuu.....	1
Gi5_8525642_x7.....	..auauUggacaaggugcuuuu.....	1
Gi1a_5693412_x7.....	..aGauaggacaaggugcuuuu.....	1
Gi5_8516227_x7.....	..auagUacaaggugcuuuu.....	1
Gi2_10501028_x7.....	..auauagCacaaggugcuuu.....	1
Gi1_3960328_x7.....	..auaggacaaggugcuuuu.....	0
Gi3_27452388_x7.....	..auauaggacaagguCcuuuu.....	1
Gi3_27441496_x7.....	..auauaggacaagguUcuuuu.....	1
Gi3_27420314_x7.....	..aGaggacaaggugcuuuu.....	1
Gi4_526802_x7.....	..auauGggacaaggugcuuu.....	1
Gi3_27394953_x7.....	..auauGggacaaggugcuuuu.....	1
Gi1_3966138_x7.....	..auauaggacaagCugcuuu.....	1
Gi2_10523673_x7.....	..auaNaggacaaggugcuu.....	1
Gi3_27384054_x7.....	..auauaggacaaggugcuuGa.....	1
Gi2_10520355_x7.....	..auauaggacaaCgugcuuu.....	1
Gi5_8526748_x7.....	..auauaggacaaggugcuGu.....	1
Gi2_10523834_x7.....	..auauaUgacaaggugcuuu.....	1
Gi1_3960244_x7.....	..auauagAacaaggugcuuu.....	1
Gi3_27410367_x7.....	..auNuaggacaaggugcuu.....	1
Gi3_27442742_x7.....	..auaggUcaaggugcuuuu.....	1
Gi5_8507561_x7.....	..auGggacaaggugcuuuu.....	1
Gi3_27423478_x7.....	..aCauaggacaaggugcuuuu.....	1
Gi4_527670_x7.....	..auauaggGcaaggugcuuuu.....	1
Gi2_10508483_x7.....	..Gauaggacaaggugcuuu.....	1
Gi3_27451919_x7.....	..Gauaggacaaggugcuuu.....	1
Gi1_3961833_x7.....	..auauaggCcaaggugcuuu.....	1

Gi3_27410864_x7	.auauaggacaCggugcuuuau	1
Gi2_10509295_x7	.Nuauaggacaaggugcuuu	1
Gi3_27411781_x7	.auaggacaNggugcuuuau	1
Gi5_8542549_x6	.auauaggacaaggugAuuuu	1
Gi2_10553549_x6	.auauaggacaaggGgcuuuu	1
Gi4_532767_x6	.auauaggNaaggugcuu	1
Gi3_27471922_x6	.auaggacaaAgugcuuuu	1
Gi5_8538691_x6	.auauaggNaaggugcuuuau	1
Gi3_27458308_x6	.cuauauaggGcaaggugcuuu	1
Gi3_27499030_x6	.uGuaggacaaggugcuuu	1
Gi1_3983443_x6	.auauaggacaaAgugcuuu	1
Gi2_10570385_x6	.auauagUacaaggugcuuu	1
Gi2_10577633_x6	.auauagAacaaggugcuuuu	1
Gi2_10548719_x6	.auauaggacaaggugcuAua	1
Gi1a_5729542_x6	.auauaAgacaaggugcuuu	1
Gi2_10589549_x6	.auauaggacaUggugcuuuu	1
Gi5_8550517_x6	.aAaggacaaggugcuuuu	1
Gi3_27500398_x6	.auNuaggacaaggugcuuuu	1
Gi2_10563629_x6	.auauaggacaaggugcuGu	1
Gi3_27538294_x6	.auaGaggacaaggugcuuuu	1
Gi5_8559307_x6	.auauaggAaaggugcuu	1
Gi3_27459334_x6	.auauaggacaaggugcuG	1
Gi1a_5730772_x6	.auauaggacaagUugcuuu	1
Gi5_8553703_x6	.auauaUgacaaggugcuu	1
Gi5_8562781_x6	.auaggacaaggGgcuuuu	1
Gi3_27546838_x6	.auCuaggacaaggugcuu	1
Gi1_3993367_x6	.auauaggacCaggugcuuu	1
Gi5_8537773_x6	.aCaggacaaggugcuuuu	1
Gi3_27462958_x6	.auauaggacCaggugcuu	1
Gi5_8536003_x6	.auaggacaaggugcuAua	1
Gi5_8546773_x6	.auauaggacaagguUcuuu	1
Gi3_27520330_x6	.auauagUacaaggugcuuuu	1
Gi5_8560669_x6	.auauaggacaaggugcGuua	1
Gi2_10588883_x6	.auauaggacaagguAcuuu	1
Gi5_8560201_x6	.auauaggacaaggGgcuuuu	1
Gi3_27516700_x6	.auauaggacaaCgugcuuuu	1
Gi5_8560429_x6	.auauaCgacaaggugcuuu	1
Gi3_27496198_x6	.auaCgacaaggugcuuuu	1
Gi5_8561665_x6	.auaGaggacaaggugcuuu	1
Gi4_531519_x6	.auUuaggacaaggugcuu	1
Gi5_8552971_x6	.auauaggGcaaggugcuuuu	1
Gi1a_5753972_x5	.auauaggacaaggCgcuuu	1
Gi3_27571462_x5	.Gauauaggacaaggugcuuu	1
Gi2_10609540_x5	.Auauauaggacaaggugcuuu	1
Gi2_10625665_x5	.auauaggGaaggugcuuu	1
Gi3_27637677_x5	.Cuaggacaaggugcuuuu	1
Gi2_10646840_x5	.auauaggacaagCugcuu	1

Gi2_10632795_x5	.....auaggacaaggugcCuua	1
Gi2_10650105_x5	.....auauaggacaaAgugcuua	1
Gi1_4009880_x5	.....uaCaggacaaggugcuuu	1
Gi4_538178_x5	.....auauaggacGaggugcuu	1
Gi4_534708_x5	.....aCauaggacaaggugcuua	1
Gi5_8571497_x5	.....auauaggacaagCugcuua	1
Gi4_534653_x5	.....aCauaggacaaggugcuuu	1
Gi5_8570602_x5	.....Uuaggacaaggugcuua	1
Gi2_10621770_x5	.....Ucuucugucacgcacuauauagg	1
Gi3_27591487_x5	.....auauaggGcaaggugcuua	1
Gi1_4015450_x5	.....uauaggacaaggCgcuuu	1
Gi4_538158_x5	.....Uuauaggacaaggugcuuu	1
Gi2_10640905_x5	.....auNuaggacaaggugcuuu	1
Gi3_27589122_x5	.....auagUacaaggugcuua	1
Gi1a_5739662_x5	.....auauaggacGaggugcuuu	1
Gi4_536348_x5	.....aAauaggacaaggugcuua	1
Gi5_8568157_x5	.....auauaUgacaaggugcuuu	1
Gi3_27551697_x5	.....auauaggacaagguUcuu	1
Gi5_8597522_x5	.....auauCggacaaggugcuua	1
Gi4_534158_x5	.....auauaggacaaggugcuuA	1
Gi2_10643430_x5	.....auauaggacaagCugcuua	1
Gi3_27563772_x5	.....uauaggacaaggugcCuu	1
Gi2_10610370_x5	.....auauaggacaaggAgcuua	1
Gi1_4009255_x5	.....auauaggauaaggugcuuu	1
Gi5_8591582_x5	.....auauaggUcaaggugcuua	1
Gi1_3997195_x5	.....auauaggacaaggugcuAu	1
Gi2_10595400_x5	.....auCuaggacaaggugcuu	1
Gi3_27588442_x5	.....Uuauauaggacaaggugcuuu	1
Gi5_8587887_x5	.....auauaggacaaggugcuuuC	1
Gi3_27656562_x5	.....aggacaagNugcuuaucu	1
Gi2_10596375_x5	.....auaggacaGggugcuua	1
Gi3_27615717_x5	.....auauaCgacaaggugcuu	1
Gi5_8573482_x5	.....auauaggacaaUgugcuu	1
Gi3_27554032_x5	.....cGauauaggacaaggugcuuu	1
Gi2_10627710_x5	.....auauCggacaaggugcuua	1
Gi2_10624120_x5	.....auauaCgacaaggugcuuu	1
Gi1_4001190_x5	.....uGuaggacaaggugcuuu	1
Gi4_533828_x5	.....auauaggacGaggugcuuu	1
Gi5_8574837_x5	.....auauaggacaaCgugcuuu	1
Gi3_27762501_x4	.....auauaggacaagguCcuu	1
Gi3_27722341_x4	.....auauaggacaaggCgcuuuau	1
Gi1_4040828_x4	.....Nuauaggacaaggugcuuu	1
Gi3_27737421_x4	.....Gggacaaggugcuuaucu	1
Gi1_4029444_x4	.....Auauauaggacaaggugcuu	1
Gi1_4044384_x4	.....auauaUgacaaggugcuuu	1
Gi2_10704487_x4	.....auauaggacaaggugcuuAa	1
Gi2_10656467_x4	.....auauaggacaaggugGuuu	1

Gi1a_5772454_x4	..... auauaggacaGggugcuu	.....	1
Gi1_4035176_x4	..... auauaggacaaggugcGuu	.....	1
Gi5_8625975_x4	..... auaAaggacaaggugcuuuu	.....	1
Gi5_8614727_x4	..... auauaggacaagguUcuu	.....	1
Gi3_27674741_x4	..... auauaggacaaggugUuuuu	.....	1
Gi1_4043932_x4	..... uauGggacaaggugcuuu	.....	1
Gi1_4039540_x4	..... auauagCacaaggugcuuu	.....	1
Gi2_10691143_x4	..... auauaggacaaggugcAuuu	.....	1
Gi5_8616451_x4	..... auaNaggacaaggugcuuuu	.....	1
Gi5_8630907_x4	..... auaggacGaggugcuuuu	.....	1
Gi3_27779369_x4	..... auauagUacaaggugcuu	.....	1
Gi3_27776341_x4	..... auauaUgacaaggugcuu	.....	1
Gi1_4032516_x4	..... auUuaggacaaggugcuu	.....	1
Gi5_8633587_x4	..... auaggacaaggugUuuuu	.....	1
Gi2_10700003_x4	..... auauaggacaagguCuuu	.....	1
Gi5_8638859_x4	..... auaggacaCggugcuuuu	.....	1
Gi3_27687757_x4	..... auaggacaaggAgcuuuu	.....	1
Gi2_10705583_x4	..... auauaggacaaggugcAu	.....	1
Gi3_27766205_x4	..... auaNgacaaggugcuuuu	.....	1
Gi3_27703477_x4	..... aNauaggacaaggugcuuu	.....	1
Gi5_8649979_x4	..... Uuauaggacaaggugcuuuu	.....	1
Gi3_27785689_x4	..... auauagAacaaggugcuuuu	.....	1
Gi2_10686935_x4	..... auauagUacaaggugcuu	.....	1
Gi1_4028560_x4	..... auauaggacaagguCuuu	.....	1
Gi1a_5778906_x4	..... auauGggacaaggugcuuu	.....	1
Gi1a_5795626_x4	..... Guauaggacaaggugcuu	.....	1
Gi5_8617543_x4	..... auauaggacaaggugcAuuu	.....	1
Gi4_541558_x4	..... Uuauaggacaaggugcuuuu	.....	1
Gi5_8631127_x4	..... auauaggacCaggugcuu	.....	1
Gi3_27694133_x4	..... auaggacaaggugcuuuC	.....	1
Gi1a_5773758_x4	..... auauaggacaaggugcCu	.....	1
Gi3_27735965_x4	..... auaggacaUggugcuuuu	.....	1
Gi3_27788653_x4	..... uauaUgacaaggugcuuu	.....	1
Gi5_8614407_x4	..... uauauaggNcaaggugcuuu	.....	1
Gi3_27726673_x4	..... auauaggacaaggugGuu	.....	1
Gi5_8637955_x4	..... auCuaggacaaggugcuuu	.....	1
Gi2_10703471_x4	..... auauaggacaaggugcGuu	.....	1
Gi3_27725769_x4	..... uaGaggacaaggugcuuuu	.....	1
Gi3_27713521_x4	..... auaggacaaggugUuuu	.....	1
Gi5_8630895_x4	..... auauaggacaaggugcuG	.....	1
Gi5_8615383_x4	..... auauaggacaaUgugcuuu	.....	1
Gi1_4023736_x4	..... auaggacaaggugcuuuu	.....	0
Gi5_8602247_x4	..... Gggacaaggugcuuuucucg	.....	1
Gi1_4027460_x4	..... uauaggacNaggugcuuu	.....	1
Gi3_27673305_x4	..... Gauaggacaaggugcuuuu	.....	1
Gi3_27782097_x4	..... uauauaggNcaaggugcuuu	.....	1
Gi3_27755149_x4	..... uaCaggacaaggugcuuu	.....	1

Gi1_4024104_x4	..... auaggacaaggugcuuuG	1
Gi5_8607991_x4	..... auauaggacaaggugGuuu	1
Gi3_27854768_x3	..... auuaggacaaggugcuu	1
Gi3_27956645_x3	..... auauaggacaaggugcuu	1
Gi2_10770106_x3	..... auauagCacaaggugcuu	1
Gi3_27879341_x3	..... auauaggacaUgugcuu	1
Gi5_8678891_x3	..... auaggacaaggugcuuCa	1
Gi2_10785295_x3	..... auUggacaaggugcuuuu	1
Gi5_8685623_x3	..... auauaggacaaggugcuuuu	1
Gi1_4065726_x3	..... auauaggacaaggugcCu	1
G1a_5850475_x3	..... auauaggacaaggugcuuuu	1
Gi2_10815913_x3	..... auuaggacaaggugcuuu	1
Gi3_27926561_x3	..... auagCacaaggugcuuuu	1
Gi5_8717585_x3	..... auuaggacaaggugcuuuu	1
Gi4_548418_x3	..... auauaggacaCggugcuuuu	1
Gi5_8673887_x3	..... auauaggacaaggugcuuu	1
Gi5_8695115_x3	..... aUgggguguguggggggcccguu	1
Gi5_8695016_x3	..... auauaggacaaggugcuuGa	1
G1a_5857519_x3	..... auauaggacaaggugcuu	1
Gi2_10818013_x3	..... auauaggacaaggugGuu	1
Gi3_27800216_x3	..... Uggacaaggugcuuuau	1
Gi2_10828015_x3	..... auauaggacaaggucuu	1
Gi5_8716568_x3	..... Nuauaggacaaggugcuuuu	1
Gi5_8715206_x3	..... aAauaggacaaggugcuuuu	1
Gi5_8653904_x3	..... auaggacaaggugAuuuu	1
Gi2_10782976_x3	..... uauaggacNaggugcuu	1
Gi3_27957938_x3	..... Uuauauaggacaaggugcuu	1
Gi5_8699786_x3	..... auUuaggacaaggugcuuuu	1
Gi1_4051710_x3	..... auauaggacaCggugcuu	1
Gi4_544728_x3	..... auauaggacaagguAcuuu	1
G1a_5855854_x3	..... auauaggacaagAugcuu	1
Gi5_8651150_x3	..... auauagCacaaggugcuuuu	1
Gi4_550440_x3	..... Cuauaggacaaggugcuuu	1
Gi2_10800703_x3	..... auauaggacaaggugcuu	1
Gi3_27817679_x3	..... auaggacaaggugAuuuu	1
Gi5_8686853_x3	..... auauaggacaaggugcuuuu	1
Gi1_4069050_x3	..... auauagUacaaggugcuu	1
Gi4_545316_x3	..... auauaggacaUggugcuuuu	1
Gi2_10750558_x3	..... auauaggacaaggugcuuuu	0
Gi1_4074066_x3	..... auNuaggacaaggugcuuu	1
Gi5_8656601_x3	..... auauaggacaaggugcCuauucug	1
Gi1_4068876_x3	..... auauaggacaaggugGuuu	1
G1a_5817025_x3	..... auauaggacGaggugcuu	1
Gi4_547569_x3	..... auuaggacaaggugcuuu	1
Gi2_10807009_x3	..... auauaggacaaggugcuuuU	1
Gi3_27852437_x3	..... auaggacGaggugcuuuu	1
Gi3_27905816_x3	..... Guaggacaaggugcuuuuucuc	1

Gi1_4080192_x3	.....auaNaggacaaggugcuuu	1
Gi5_8703188_x3	.....aNauaggacaaggugcuuu	1
Gi5_8651600_x3	.....auauaggacCaggugcuuu	1
Gi2_10728637_x3	.....auauaggacaaggugcuG	1
Gi3_27811679_x3	.....uauaggacaaggCgcuuu	1
Gi4_545163_x3	.....auaCaggacaaggugcuuu	1
Gi3_27967988_x3	.....cuauauaggacaaggugcuuC	1
Gi5_8716277_x3	.....aUgacaaggugcuuuauucug	1
Gi1a_5816212_x3	.....auauaggGcaaggugcuu	1
Gi5_8687171_x3	.....auauaggacaaggugcuuAa	1
Gi5_8717270_x3	.....auauaggacaaggugcuGua	1
Gi3_27969848_x3	.....auaggacaaggugcuuuuC	1
Gi3_27951386_x3	.....auaggacaaggugcuAua	1
Gi3_27975635_x3	.....cCauauaggacaaggugcuuu	1
Gi1_4086387_x3	.....auauaggNaaggugcuu	1
Gi3_27846962_x3	.....aGaggacaaggugcuuuauuc	1
Gi3_27963380_x3	.....Cauauaggacaaggugcuuu	1
Gi5_8695538_x3	.....uauauGggacaaggugcuuu	1
Gi1a_5856559_x3	.....auauaggacaaggugcuuC	1
Gi3_27893156_x3	.....auaggacaaggugcCuuu	1
Gi3_27901637_x3	.....auauaggUaaggugcuuuau	1
Gi5_8661098_x3	.....auauaggacaaggugcuuG	1
Gi3_27943568_x3	.....uauaggacGaggugcuuu	1
Gi2_10790086_x3	.....auauaggacaaggugAuuu	1
Gi1_4060014_x3	.....aGauaggacaaggugcuuuau	1
Gi2_10785403_x3	.....auaggCcaaggugcuuu	1
Gi2_10782067_x3	.....aNauaggacaaggugcuuu	1
Gi1a_5867074_x3	.....auauaggUaaggugcuuu	1
Gi1_4086819_x3	.....auauaggAaaggugcuuu	1
Gi1a_5833150_x3	.....auauaggacaaggugUuuu	1
Gi3_27942026_x3	.....auaggCcaaggugcuuu	1
Gi4_550353_x3	.....auauaggacaaggCgcuu	1
Gi3_27893783_x3	.....uauaggGcaaggugcuuu	1
Gi3_27939251_x3	.....auaggacaaggugcAuu	1
Gi4_551301_x3	.....auauaggacaaggAgcuuu	1
Gi1_4079391_x3	.....Guauaggacaaggugcuuu	1
Gi3_27842192_x3	.....uUuaggacaaggugcuuu	1
Gi2_10726852_x3	.....auagUacaaggugcuuu	1
Gi5_8698337_x3	.....uauauaggacaaggugcCuu	1
Gi3_27804086_x3	.....aggacaaggugcCuuauc	1
Gi2_10811617_x3	.....auaggacaaggCgcuuu	1
Gi5_8703191_x3	.....auaggacaaggAgcuuu	1
Gi1a_5861533_x3	.....auGuaggacaaggugcuuu	1
Gi2_10746997_x3	.....auaggacaaggugcuuCa	1
Gi2_10827697_x3	.....auauaggacCaggugcuuu	1
Gi5_8691914_x3	.....Cuauaggacaaggugcuuu	1
Gi1a_5943228_x2	.....auauagAacaaggugcuuu	1

Gi4_560182_x2	.....auauaggacaaggAgcuu	1
Gi1_4107237_x2	.....auauaggacaUggugcuuu	1
Gi2_10967921_x2	.....uaCaggacaaggugcuuu	1
G1a_5946356_x2	.....aAauaggacaaggugcuuu	1
Gi5_8751473_x2	.....auaggacaagAugcuua	1
Gi5_8773029_x2	.....Gcuauauaggacaaggugcuua	1
Gi1_4113265_x2	.....auauaggacaaggugcuGu	1
Gi5_8730989_x2	.....aggacaagNugcuuuauucug	1
Gi5_8742761_x2	.....auaggacaUggugcuua	1
G1a_5961158_x2	.....auauUggacaaggugcuuu	1
Gi3_28060862_x2	.....uauauaggacaaggugcuu	0
Gi3_28196802_x2	.....auauaggacaaggugcuua	1
Gi3_28182974_x2	.....aggaGaaggugcuuuau	1
Gi4_554638_x2	.....auauaggacaaggugcuua	1
Gi5_8786241_x2	.....auauaCgacaaggugcuu	1
Gi4_561672_x2	.....auauGggacaaggugcuu	1
Gi4_561876_x2	.....Uuauaggacaaggugcuu	1
Gi4_566386_x2	.....auauaggacGaggugcuua	1
Gi5_8720863_x2	.....auaggCcaaggugcuua	1
Gi3_28218828_x2	.....uauauaggGcaaggugcuuu	1
Gi5_8747521_x2	.....aNauaggacaaggugcuua	1
Gi2_10831015_x2	.....uauaggacaaggCgcuuu	1
G1a_5936982_x2	.....auUuaggacaaggugcuua	1
Gi1_4136839_x2	.....uauaggacGaggugcuuu	1
Gi4_565322_x2	.....auauaUgacaaggugcuu	1
Gi1_4138459_x2	.....uauaggacaaggugcCuu	1
Gi2_10963561_x2	.....auaAgacaaggugcuua	1
Gi3_28062816_x2	.....Uuauaggacaaggugcuuuau	1
Gi2_10949303_x2	.....uaGaggacaaggugcuuu	1
Gi3_28232288_x2	.....uauGggacaaggugcuua	1
Gi1_4120455_x2	.....auauaCgacaaggugcuuu	1
Gi4_554936_x2	.....auauaggacaaggugcuCua	1
Gi3_28184634_x2	.....cuGuauaggacaaggugcuuu	1
Gi3_28211328_x2	.....auaggacaaggCgcuuuau	1
G1a_5962400_x2	.....auauaCgacaaggugcuuu	1
Gi5_8762547_x2	.....auaGaggacaaggugcuu	1
Gi5_8825813_x2	.....acCauauaggacaaggugcuua	1
Gi5_8750137_x2	.....acGauauaggacaaggugcuuu	1
Gi3_28160038_x2	.....Nuauaggacaaggugcuu	1
Gi5_8768281_x2	.....auGuaggacaaggugcuuuau	1
Gi5_8748203_x2	.....auaggaUaaggugcuua	1
G1a_5939948_x2	.....auauaggacaaggugcGuu	1
Gi4_564888_x2	.....auauaggacaaggCgcuua	1
Gi1_4145291_x2	.....auauaggacaaggCgcuua	1
G1a_5954358_x2	.....aAauaggacaaggugcuu	1
Gi1_4124009_x2	.....auauaggacaaggugcuuG	1
Gi2_10846743_x2	.....uauaUgacaaggugcuuu	1

Gi3_28032124_x2	.....uauGggacaaggugcuuu	1
Gi4_554478_x2	.....aAauaggacaaggugcuuu	1
Gi2_10931911_x2	.....auGggacaaggugcuuu	1
Gi1_4120391_x2	.....auauaggaNaaggugcuuuauucucgc	1
Gi2_10948585_x2	.....auaggacaaggugcuAua	1
Gi4_564218_x2	.....auauaggUcaaggugcuuu	1
Gi1a_5905548_x2	.....auauaggacaaggugAuuu	1
Gi4_562646_x2	.....auauUggacaaggugcuu	1
Gi5_8772525_x2	.....uauauaggacaGggugcuuu	1
Gi5_8732081_x2	.....auauagCacaaggugcuu	1
Gi3_28254316_x2	.....auauaggacaagUugcuuuau	1
Gi1a_5929434_x2	.....aCauaggacaaggugcuu	1
Gi3_28247660_x2	.....auauaggacaaggugcCuuau	1
Gi5_8822993_x2	.....auauaggacaaggugcuu	1
Gi1_4139887_x2	.....aCauaggacaaggugcuuuauucucgc	1
Gi3_28199688_x2	.....aggacaaggugcuuuuAuccu	1
Gi4_555190_x2	.....auauaggacaagguAuuuu	1
Gi4_554788_x2	.....auauaAgacaaggugcuuu	1
Gi5_8789765_x2	.....auaggacaagguAuuuu	1
Gi4_553878_x2	.....auauaAgacaaggugcuuu	1
Gi4_556312_x2	.....auaAaggacaaggugcuuu	1
Gi5_8809325_x2	.....Guauaggacaaggugcuuuauucucgc	1
Gi3_28197774_x2	.....auauaggacaaggugGuuuu	1
Gi2_10881175_x2	.....uauaggacaaggugcuu	1
Gi3_28035912_x2	.....auaggacaaggugcuuuGu	1
Gi5_8805857_x2	.....auaAgacaaggugcuuu	1
Gi5_8814101_x2	.....uGuauaggacaaggugcuuu	1
Gi2_10968943_x2	.....uauUggacaaggugcuuu	1
Gi5_8822871_x2	.....auauaggacGaggugcuuuau	1
Gi5_8747717_x2	.....auaggAaaggugcuuu	1
Gi3_28217276_x2	.....Cauaggacaaggugcuuu	1
Gi4_555174_x2	.....auaCaggacaaggugcuuu	1
Gi1_4107283_x2	.....auauCggacaaggugcuuuauucucgc	1
Gi5_8810341_x2	.....uauaggacaaggugcuuu	0
Gi1_4119623_x2	.....Uuuaggacaaggugcuu	1
Gi3_28145984_x2	.....auaggacaaggugcuCuaucuc	1
Gi1a_5934618_x2	.....Gauauaggacaaggugcuuu	1
Gi1a_5972352_x2	.....auauGggacaaggugcuu	1
Gi2_10861945_x2	.....auaggacaagguAuuuu	1
Gi1a_5883444_x2	.....aCauaggacaaggugcuuu	1
Gi2_10904297_x2	.....auaggacaaggugcuuuau	0
Gi3_28234090_x2	.....uauUuaggacaaggugcuuu	1
Gi5_8788895_x2	.....auauaggacaaggugcCuuau	1
Gi3_28097070_x2	.....uaAaggacaaggugcuuu	1
Gi2_10938251_x2	.....auauaUgacaaggugcuuu	1
Gi2_10889641_x2	.....auauaggacUaggugcuuu	1
Gi5_8791325_x2	.....Gggggugugugggggcgccuu	1

Gi2_10935473_x2.....	.aAaggacaaggugcuuuu.....	1
G1a_5933332_x2.....	.auauaggacaagguAcuuu.....	1
Gi5_8741431_x2.....	.acuaAauaggacaaggugcuuu.....	1
Gi3_28043808_x2.....	.auaAaggacaaggugcuuuau.....	1
Gi1_4093355_x2.....	.uUuaggacaaggugcuuu.....	1
Gi2_10858967_x2.....	.aCaggacaaggugcuuuu.....	1
Gi3_28212496_x2.....	.acuauauaggacaGggugcuuuu.....	1
Gi5_8790831_x2.....	.auauaggacaGggugcuuuau.....	1
Gi1_4125097_x2.....	.auauaggacaaggugcAuu.....	1
Gi5_8737543_x2.....	.auauaggacaaggugGuu.....	1
Gi5_8819211_x2.....	.uuauaggacaaggCgcuuu.....	1
Gi3_28067222_x2.....	.Guauauaggacaaggugcuuuu.....	1
Gi2_10960229_x2.....	.auauaggAaaggugcuu.....	1
Gi5_8771487_x2.....	.auaggacaaAgugcuuuu.....	1
G1a_5973868_x2.....	.Guaggacaaggugcuuuau.....	1
Gi1_4148807_x2.....	.auCuaggacaaggugcuuu.....	1
Gi3_28197318_x2.....	.Uuaggacaaggugcuuuauuc.....	1
Gi4_553472_x2.....	.auauaggCcaaggugcuuu.....	1
Gi3_28103422_x2.....	.cuauGuaggacaaggugcuuu.....	1
Gi5_8786263_x2.....	.aCauaggacaaggugcuuuu.....	1
Gi3_27999602_x2.....	.auauaggacaGggugcuuuu.....	1
Gi5_8761479_x2.....	.auauGggacaaggugcuuuucg.....	1
Gi1_4100433_x2.....	.auaGaggacaaggugcuuu.....	1
Gi3_28187014_x2.....	.auUggacaaggugcuuuauuc.....	1
Gi3_28073592_x2.....	.auauaggacaaCgugcuu.....	1
Gi3_28216614_x2.....	.aCgacaaggugcuuuauuc.....	1
G1a_5908556_x2.....	.auauaggacaaggugcCuua.....	1
G1a_5939304_x2.....	.auaCaggacaaggugcuuu.....	1
Gi2_10914581_x2.....	.auNuaggacaaggugcuuuu.....	1
Gi3_27988602_x2.....	.uuauauaggacaaggugcuuC.....	1
Gi1_4104821_x2.....	.auauGggacaaggugcuuuu.....	1
G1a_5945888_x2.....	.Uuauaggacaaggugcuuu.....	1
Gi3_28248358_x2.....	.auauaggacaaggugcuuCau.....	1
Gi3_28091156_x2.....	.auGuaggacaaggugcuuuu.....	1
Gi3_28040398_x2.....	.uaAauaggacaaggugcuuu.....	1
Gi3_28080642_x2.....	.Aauaggacaaggugcuuu.....	1
Gi1_4101633_x2.....	.Guauauaggacaaggugcuuu.....	1
Gi3_28218154_x2.....	.uuauaggacNaggugcuuuu.....	1
Gi2_10965881_x2.....	.auaGaggacaaggugcuu.....	1
Gi5_8790079_x2.....	.uaCauaggacaaggugcuuu.....	1
Gi5_8820365_x2.....	.auauaggacaaggugcGu.....	1
Gi5_8753335_x2.....	.auaGaggacaaggugcuuuu.....	1
Gi2_10887881_x2.....	.uuauaggacaaggugcuuuu.....	0
Gi3_28167942_x2.....	.uaGauaggacaaggugcuuu.....	1
Gi5_8791507_x2.....	.auauaggacaaCgugcuu.....	1
Gi4_555150_x2.....	.auauaggacaaAgugcuuuu.....	1
Gi3_28054014_x2.....	.acuauauaggacaaggugcuu.....	0

Gi3_28197388_x2.....	uUuuaggacaaggugcuuu.....	1
G1a_5899252_x2.....	auaNaggacaaggugcuuu.....	1
Gi2_10979577_x2.....	auauaggaAaaggugcuuu.....	1
Gi3_27991156_x2.....	auagUacaaggugcuuuauauc.....	1
Gi3_28924329_x1.....	Uuuuuaggacaaggugcuuu.....	1
Gi3_28351673_x1.....	Nuaggacaaggugcuuu.....	1
Gi2_11261739_x1.....	aNauaggacaaggugcuu.....	1
G1a_6033554_x1.....	auaggacaaggCgcuuuau.....	1
G1a_6301063_x1.....	auCuaggacaaggugcuuu.....	1
Gi5_8887887_x1.....	acAuuuuaggacaaggugcuuu.....	1
Gi3_28271265_x1.....	uuaggacaagguAcuuu.....	1
Gi2_11111711_x1.....	auaggacaaggugUuuu.....	1
Gi2_11230754_x1.....	uGuaggacaaggugcuuu.....	1
Gi3_28404139_x1.....	auagCacaaggugcuuuauauc.....	1
Gi4_602952_x1.....	auauaggacUaggugcuuu.....	1
Gi2_11267806_x1.....	uuuuaggacaaggugcuuu.....	0
Gi2_11098825_x1.....	auaggaAaaggugcuuu.....	1
Gi5_9032313_x1.....	aGauaggacaaggugcuuuauaucg.....	1
Gi3_28462308_x1.....	aggacaagguAcuuuauauc.....	1
Gi4_575656_x1.....	auauaggacaaggugUuuu.....	1
Gi1_4227149_x1.....	auaggacaaggugcuuuauU.....	1
Gi3_28785751_x1.....	acuuuuaggacGaggugcuuu.....	1
Gi5_8941011_x1.....	auaggacaaggugcuuuC.....	1
Gi2_11158704_x1.....	auaggGcaaggugcuuu.....	1
G1a_6171423_x1.....	auaggacaagCugcuuuau.....	1
Gi3_28721022_x1.....	aNauaggacaaggugcuu.....	1
Gi5_8916561_x1.....	uuuuaggacCaggugcuuu.....	1
Gi4_569997_x1.....	uuuuUgacaaggugcuuu.....	1
Gi4_591650_x1.....	uuuuaggacaCggugcuu.....	1
G1a_6040055_x1.....	uuuuaggacaaggugcuAua.....	1
Gi1_4177641_x1.....	uuuuaggacaaAgugcuuuau.....	1
Gi2_11169976_x1.....	auNuaggacaaggugcuu.....	1
Gi1_4367584_x1.....	uuuuaggacaCggugcuuuauaucg.....	1
G1a_6343286_x1.....	cagggggacuccaggggguguggggggccc.....	0
Gi1_4222625_x1.....	uuuuaggaNaaggugcuuuau.....	1
Gi3_28754253_x1.....	uuuuaggacaaggugAuuu.....	1
Gi1_4288686_x1.....	uuuaggGcaaggugcuuu.....	1
Gi5_8997365_x1.....	aUuuuuaggacaaggugcuuu.....	1
Gi3_28962776_x1.....	uuuaggacaaggugUuuu.....	1
Gi2_11244461_x1.....	uuuuaggacaaUgugcuuu.....	1
Gi4_596404_x1.....	uuuuaggacaaAgugcuuu.....	1
Gi3_28557752_x1.....	acuuuuaggacaCggugcuuu.....	1
Gi3_28726756_x1.....	uuuuaggaAaaggugcuuu.....	1
Gi4_567845_x1.....	uuuuaggacaagAugcuu.....	1
Gi4_576446_x1.....	uuuuagUacaaggugcuu.....	1
Gi3_28537600_x1.....	uuuuaggacaaggugcuuuauaucU.....	1
Gi3_28693675_x1.....	uuuuaggaGaaggugcuuu.....	1

Gi3_28417831_x1	.....acuaGauaggacaaggugcuuuu	1
Gi5_9072162_x1	.....acuaauuaNgacaaggugcuuu	1
Gi1_4204455_x1	.....auauaggGcaaggugcuuuu	1
Gl1a_6074654_x1	.....auGuaggacaaggugcuu	1
Gi2_11190328_x1	.....auaggacCaggugcuuuu	1
Gl1a_6086124_x1	.....Auuauaggacaaggugcuuu	1
Gi1_4207733_x1	.....auauaggGcaaggugcuuuuucucgc	1
Gi3_28490604_x1	.....uauauaggacaaggugcCuu	1
Gl1a_6161620_x1	.....auUuaggacaaggugcuu	1
Gi1_4266038_x1	.....uaAaggacaaggugcuuu	1
Gl1a_6293169_x1	.....auaggacaNggugcuuuau	1
Gi4_568702_x1	.....Auuauaggacaaggugcuuu	1
Gi1_4341317_x1	.....auauaggaUaaggugcuu	1
Gi5_8998987_x1	.....auauaggaGaaggugcuu	1
Gi3_28740498_x1	.....aggacaaggugcuAuuau	1
Gl1a_6156992_x1	.....auauaggacaagCugcuuuu	1
Gi3_28346383_x1	.....aggacaaggugUuuuau	1
Gi3_28693056_x1	.....uauaggacNaggugcuuu	1
Gl1a_6183233_x1	.....auauaggaUaaggugcuu	1
Gi1_4304948_x1	.....aCauaggacaaggugcuu	1
Gi3_28839699_x1	.....auauaggacaaggugcuuuUu	1
Gi5_9014645_x1	.....acuaauuaggacaaggugUuuu	1
Gi1_4231795_x1	.....acAuuauaggacaaggugcuuu	1
Gl1a_6252744_x1	.....auauaAgacaaggugcuu	1
Gi1_4229848_x1	.....Aaggacaaggugcuuuau	1
Gi5_9002076_x1	.....auauaggacaagguCcuu	1
Gi4_593635_x1	.....auauagCacaaggugcuuu	1
Gi2_11363447_x1	.....uauaggGcaaggugcuuu	1
Gi4_598205_x1	.....auauagAacaaggugcuuu	1
Gi5_8936101_x1	.....uauauaggCcaaggugcuuu	1
Gi4_606476_x1	.....auaAaggacaaggugcuuu	1
Gi3_28958536_x1	.....aGuauauaggacaaggugcuuuu	1
Gi1_4274554_x1	.....uauagCacaaggugcuuu	1
Gi3_28792823_x1	.....uauagAacaaggugcuuu	1
Gi3_28536070_x1	.....uauauaggacaaggugUuuu	1
Gi5_8850062_x1	.....agggggugCgugggggcgccuu	1
Gi1_4246514_x1	.....Gaggacaaggugcuuuau	1
Gi5_9118259_x1	.....auauaggacaagguCcuuuu	1
Gi1_4295243_x1	.....auGuaggacaaggugcuu	1
Gi3_28960869_x1	.....auaUgacaaggugcuuuau	1
Gi3_28398127_x1	.....auaggacaagguAcuuuau	1
Gi4_591124_x1	.....auauaggacaaggugUuuu	1
Gi2_11369033_x1	.....Nuauaggacaaggugcuu	1
Gi4_596389_x1	.....auauagAacaaggugcuuuu	1
Gi5_8862427_x1	.....uaAuuaggacaaggugcuuu	1
Gi4_576771_x1	.....auauaggacaaggGgcuuuu	1
Gi3_28895804_x1	.....auauaggacaaggugcuu	1

Gi1a_6013072_x1	.....auauaggacaCggugcuu	1
Gi3_28864647_x1	.....auaggacaaCgugcuuu	1
Gi3_28630863_x1	.....uauaggacaaggugcuAu	1
Gi2_11144607_x1	.....uauaggacaaggugcCuu	1
Gi1_4302620_x1	.....uauaggacaCggugcuuu	1
Gi3_28562049_x1	.....auauaggacaaNgugcuuu	1
Gi5_9044120_x1	.....acuauauaggacGaggugcuuu	1
Gi2_11077464_x1	.....auaNaggacaaggugcuuu	1
Gi2_11080613_x1	.....auauaggacaaCgugcuu	1
Gi5_9098111_x1	.....agggggAgugugggggcgccuu	1
Gi3_28299832_x1	.....auaggacaaggugcuuuCcuc	1
Gi1_4165219_x1	.....Aauaggacaaggugcuuu	1
Gi3_28939730_x1	.....uauauaggacaaAgugcuuu	1
Gi5_8973272_x1	.....auauaggacaaggugcuuuUucg	1
Gi5_9000246_x1	.....auauaggacaaUgugcuuu	1
Gi1_4343226_x1	.....auauaggacaaUgugcuuu	1
Gi4_603211_x1	.....auauaggaUaaggugcuuu	1
Gi2_11172053_x1	.....cuauauaggacaaggugcuu	0
Gi5_8983541_x1	.....uauauaggacaaggGgcuuu	1
Gi5_8903696_x1	.....uauGuaggacaaggugcuuu	1
Gi1_4158815_x1	.....auauaggacaaggugcCuuau	1
Gi1_4224924_x1	.....auauaggacaaCgugcuuu	1
Gi3_28412465_x1	.....auaUgacaaggugcuuu	1
Gi2_11364357_x1	.....uauaggCcaaggugcuuu	1
Gi3_28987320_x1	.....auaggacaaggugcuuuGucuc	1
Gi3_28879184_x1	.....auauaggacaUggugcuuu	1
Gi3_28638075_x1	.....uauaAaggacaaggugcuuu	1
Gi1_4212391_x1	.....auauaggacaagAugcuu	1
Gi1_4222728_x1	.....gcuucugucacgcacuauauagg	0
Gi5_9034824_x1	.....auauaUgacaaggugcuuu	1
Gi3_28394854_x1	.....auCggacaaggugcuuu	1
Gi3_28641058_x1	.....Gauauaggacaaggugcuu	1
Gi4_591183_x1	.....auauaggaAaaggugcuuu	1
Gi3_28811505_x1	.....uauNggacaaggugcuuu	1
Gi4_570781_x1	.....auauaCgacaaggugcuuu	1
Gi5_8961963_x1	.....auauaggacaaggCgcuuu	1
Gi1a_6065057_x1	.....auauaggacaaggugcuuuG	1
Gi5_9137327_x1	.....auauGggacaaggugcuuu	1
Gi3_28283542_x1	.....auagCacaaggugcuuu	1
Gi3_28766269_x1	.....auGggacaaggugcuuu	1
Gi5_9004206_x1	.....auauaggacaaggugUuuuacucg	1
Gi5_9000043_x1	.....agNacaaggugcuuuacucg	1
Gi1_4190805_x1	.....auaAaggacaaggugcuu	1
Gi2_11367615_x1	.....Uuaggacaaggugcuuu	1
Gi1_4211657_x1	.....uaggacaaggugcuuu	0
Gi1_4213573_x1	.....uauaggacaaggugcuuu	0
Gi3_28540502_x1	.....auUggacaaggugcuuu	1

Gi2_11207985_x1	.....auaggacUaggugcuuuu	1
Gi1a_6157957_x1	.....auauaggacaaggCgcuuuu	1
Gi2_11315218_x1	.....cuauaCaggacaaggugcuu	1
Gi4_598574_x1	.....Auauauaggacaaggugcuu	1
Gi1a_6173454_x1	.....auauaggacCaggugcuuu	1
Gi2_11205280_x1	.....Cuaggacaaggugcuuuu	1
Gi1_4164818_x1	.....auauaggCcaaggugcuuuau	1
Gi4_596131_x1	.....auauaggacaagAugcuuuu	1
Gi1_4312704_x1	.....uauaggacaaggugUuuu	1
Gi3_28533315_x1	.....uauauaggUcaaggugcuuu	1
Gi1_4330344_x1	.....uauauaggacaaggugcuuu	0
Gi3_28816077_x1	.....aAgacaaggugcuuuaucu	1
Gi1a_5984876_x1	.....auauaggacaaggugcuuA	1
Gi3_28637734_x1	.....Nuaggacaaggugcuuuu	1
Gi1_4323394_x1	.....auauagAacaaggugcuuuau	1
Gi4_576879_x1	.....auauaggacCaggugcuuu	1
Gi5_8860602_x1	.....acuauauaggacaGggugcuuu	1
Gi5_9053701_x1	.....agggggugNuggggggCGgcuu	1
Gi1_4271109_x1	.....auauaggacaaggugcuuCaucucgc	1
Gi5_9071863_x1	.....acuauauUggacaaggugcuuu	1
Gi5_9037731_x1	.....auaggacaaggugcAuuu	1
Gi3_28961900_x1	.....auauaggacUaggugcuuuu	1
Gi2_11128263_x1	.....gcuucugucGcgcacuauauagg	1
Gi5_9034692_x1	.....auauaggacaaggugcuCuau	1
Gi3_28841740_x1	.....auauaggacaaggUncuuu	1
Gi3_28606618_x1	.....auauaggacaaggugcuuuuA	1
Gi3_28927376_x1	.....auaggacaaggAgcuuuauauc	1
Gi5_8975425_x1	.....auauaggUcaaggugcuuuauaucgc	1
Gi5_8956284_x1	.....Uuauauaggacaaggugcuuu	1
Gi3_28297825_x1	.....auaggacaaggugcuuAa	1
Gi4_587127_x1	.....auauUggacaaggugcuuuu	1
Gi1_4263867_x1	.....Guauaggacaaggugcuuuauaucgc	1
Gi5_9130851_x1	.....auagAacaaggugcuuuu	1
Gi3_28442812_x1	.....cuUuauaggacaaggugcuuu	1
Gi4_571152_x1	.....auauaggacaagUugcuuu	1
Gi2_11129481_x1	.....auauaggacaaggUccuu	1
Gi1_4332956_x1	.....auauaggacaaggugcuuCa	1
Gi5_9089453_x1	.....aAgggguguguggggggCGgcuu	1
Gi1_4362571_x1	.....aCauaggacaaggugcuuuu	1
Gi2_11044723_x1	.....auauagCacaaggugcuuuu	1
Gi3_28316054_x1	.....auaggacaagCugcuuuu	1
Gi1a_6174042_x1	.....Nuauaggacaaggugcuuu	1
Gi3_28671777_x1	.....auaggacaNggugcuuuauauc	1
Gi5_8888057_x1	.....auCuaggacaaggugcuu	1
Gi5_8860758_x1	.....acuauauaggGcaaggugcuuuu	1
Gi1_4344479_x1	.....auaggacaagAugcuuuu	1
Gi2_11112194_x1	.....auauaggacaaggUccuuu	1

Gi5_8829911_x1	.....auauagUacaaggugcuu.....	1
Gi1_4329384_x1	.....aGauaggacaaggugcuuua.....	1
Gi1_4185534_x1	.....uauUggacaaggugcuuu.....	1
Gi1_4251462_x1	.....auauaggCcaaggugcuuuauucgc.....	1
Gi1_4378438_x1	.....acuauauaggacaagAugcuuu.....	1
Gi1_4380869_x1	.....uauaggacaagAugcuuu.....	1
Gi4_611932_x1	.....auauaggacaaggugAuuuu.....	1
Gi1_4365407_x1	.....auauaggacUaggugcuu.....	1
Gi4_580196_x1	.....auauaggacaUggugcuu.....	1
Gi5_9061263_x1	.....auauaggGaaggugcuuu.....	1
Gi1_4334267_x1	.....auUuaggacaaggugcuuuau.....	1
Gi4_598617_x1	.....auauaggUaaggugcuu.....	1
Gi3_28358607_x1	.....uaggacaaggugcuuuauuc.....	0
Gi4_604779_x1	.....auauaggGcaaggugcuu.....	1
Gi1a_6060498_x1	.....auauaggacUaggugcuu.....	1
Gi1_4331814_x1	.....Ucuauauaggacaaggugcuuu.....	1
Gi5_9118867_x1	.....aggacaaggugcuuuauUucg.....	1
Gi5_9073682_x1	.....Gauaggacaaggugcuu.....	1
Gi1_4251607_x1	.....auauGggacaaggugcuuuau.....	1
Gi2_11282304_x1	.....uauGggacaaggugcuuu.....	1
Gi2_11300251_x1	.....auauaggNaaggugcuuuau.....	1
Gi1a_6301918_x1	.....auauagAacaaggugcuu.....	1
Gi1_4382142_x1	.....auauaggacaaggugAuuuu.....	1
Gi3_28498826_x1	.....auaggacaaggugcuGua.....	1
Gi5_9028407_x1	.....Cuauaggacaaggugcuuuauucgc.....	1
Gi1_4315385_x1	.....auauaggacaaggugcuuuauucgcU.....	1
Gi2_11146951_x1	.....uaAaggacaaggugcuuu.....	1
Gi3_28506883_x1	.....aggacaUggugcuuuauuc.....	1
Gi2_11156160_x1	.....auauaggacaagguCcuuu.....	1
Gi3_28834269_x1	.....aggacaaggugcuuuauucC.....	1
Gi4_612734_x1	.....auauaggacaaAgugcuu.....	1
Gi3_28674257_x1	.....auaggacaaggugcCuauuc.....	1
Gi4_614130_x1	.....auauaggacaGggugcuu.....	1
Gi5_8832659_x1	.....aggacaaggugcuuuuacucg.....	1
Gi2_11303524_x1	.....auauaggacaaggugGuuuu.....	1
Gi5_8894846_x1	.....auauaggacaaggugUuuuu.....	1
Gi1_4262359_x1	.....auauaCgacaaggugcuuu.....	1
Gi5_8853082_x1	.....aggacaaggugUuuuuauucgc.....	1
Gi4_589630_x1	.....auCuaggacaaggugcuuu.....	1
Gi2_11190511_x1	.....gcuucCgucacgcacuauuagg.....	1
Gi5_9036865_x1	.....uauuagAacaaggugcuuu.....	1
Gi5_9002970_x1	.....agggguguguggggggUggcuu.....	1
Gi1_4322430_x1	.....auauGggacaaggugcuuuauucgc.....	1
Gi3_28465577_x1	.....auaggacaaggugcuuauCau.....	1
Gi2_11101690_x1	.....auauaggacaaUgugcuu.....	1
Gi3_28546312_x1	.....cuauauaggacaUggugcuuu.....	1
Gi3_28988808_x1	.....auaggacaaAgugcuuuau.....	1

Gi4_592392_x1	.....auauaggaGaaggugcuuu.....	1
Gi4_596359_x1	.....auauaggacaaggGgcuuu.....	1
Gi2_11003583_x1	.....auauaCgacaaggugcuu.....	1
Gi4_606683_x1	.....auauaggacaaggugcuuCa.....	1
Gi1a_6354093_x1	.....auauaUgacaaggugcuua.....	1
Gi1_4302165_x1	.....auUuaggacaaggugcuua.....	1
Gi3_28874013_x1	.....acuauauaggacaaggugcAuua.....	1
Gi4_588302_x1	.....auaggacaaggugcuua.....	0
Gi2_11093082_x1	.....auGggacaaggugcuuuau.....	1
Gi3_28785082_x1	.....uauaggacaaggugcuuU.....	1
Gi2_11380271_x1	.....gcuucugucacgcacuaAagg.....	1
Gi1_4219050_x1	.....auauaAgacaaggugcuua.....	1
Gi5_9108896_x1	.....cuauauaggacaaggugcuuu.....	0
Gi5_9004190_x1	.....Gcuauauaggacaaggugcuuu.....	1
Gi1_4212360_x1	.....auauaggGcaaggugcuu.....	1
Gi4_595048_x1	.....auauaggacaaggugAuu.....	1
Gi2_11269743_x1	.....acuauauaNgacaaggugcuua.....	1
Gi1_4216173_x1	.....auauaggacaaggugcuuuauU.....	1
Gi4_585301_x1	.....auauaggacaaggAgcuua.....	1
Gi1a_6119714_x1	.....aGaggacaaggugcuuuau.....	1
Gi5_8842811_x1	.....aggggguguguggggggcggcAu.....	1
Gi2_11142616_x1	.....auauaggacaaggugcuGua.....	1
Gi5_8996197_x1	.....auCggacaaggugcuua.....	1
Gi1a_6296554_x1	.....Guauaggacaaggugcuua.....	1
Gi3_28953174_x1	.....uauaggacaaggugcuGu.....	1
Gi1_4222225_x1	.....auauagCacaaggugcuu.....	1
Gi5_9061641_x1	.....auaggacaaggugcuuGa.....	1
Gi5_8896456_x1	.....auauagUacaaggugcuua.....	1
Gi5_9029121_x1	.....auauaggacaaggugcuuuauCcg.....	1
Gi5_9013366_x1	.....auauaggacaagAugcuuuauCucg.....	1
Gi3_28264627_x1	.....uauaggacaaggugcuuU.....	1
Gi3_28927306_x1	.....acuauauaggacaaggugcCuua.....	1
Gi3_28884433_x1	.....auaggacaaUgugcuua.....	1
Gi1a_6037915_x1	.....auauaggUcaaggugcuuu.....	1
Gi3_28441069_x1	.....auaggacaGggugcuuuauCuc.....	1
Gi3_28352369_x1	.....auaggacaaggugcuuCaucuc.....	1
Gi3_28917669_x1	.....uauaggacaaggGgcuua.....	1
Gi5_8972314_x1	.....uUuauaggacaaggugcuuu.....	1
Gi1_4262603_x1	.....uauaUgacaaggugcuuu.....	1
Gi3_28331375_x1	.....auaCaggacaaggugcuuuau.....	1
Gi1_4204115_x1	.....auaggacaaggugcuuuGu.....	1
Gi5_8847574_x1	.....auauaggacaaggugcuAuau.....	1
Gi2_11036787_x1	.....auaggacaaggugcuGua.....	1
Gi3_28747693_x1	.....cuauauGggacaaggugcuuu.....	1
Gi4_608717_x1	.....auauagUacaaggugcuuu.....	1
Gi2_11351528_x1	.....gcuucugucacAcacuaauagg.....	1
Gi5_8937341_x1	.....auauaggacaagguAcuuuau.....	1

Gi4_605813_x1	.....auauaggacaagUugcuuua	1
G1a_6049145_x1	.....auauaggacaagCugcuuu	1
Gi1_4296525_x1	.....aNauaggacaaggugcuuu	1
Gi3_28538703_x1	.....auauaggacGaggugcuuuau	1
Gi1_4329888_x1	.....auauaggacaaggugUuuuuau	1
Gi2_11093838_x1	.....uauaggacaaggugcuuuC	1
Gi3_28923575_x1	.....aCaggacaaggugcuuuau	1
G1a_6154132_x1	.....Uuauaggacaaggugcuuua	1
Gi3_28307479_x1	.....auaggacaaggugcGuua	1
Gi5_8861086_x1	.....aggggguguguggggggCGgcCu	1
Gi3_28905217_x1	.....auaggacaaggugcAuuaucuc	1
Gi5_8851243_x1	.....auauaggacaCggugcuuuau	1
Gi1_4279170_x1	.....auaggacaaAgugcuuuau	1
Gi4_604704_x1	.....aNauaggacaaggugcuuu	1
Gi2_11406645_x1	.....auauaggacGaggugcuuuau	1
G1a_6145220_x1	.....auaggacGaggugcuuuau	1
Gi1_4345201_x1	.....uauaggacaaggugcuGu	1
Gi2_11184129_x1	.....auaggacaaUgugcuuu	1
Gi3_28532837_x1	.....aggacaaggugcuuuGucu	1
Gi1_4307979_x1	.....auauaggacaagUugcuu	1
Gi3_28334241_x1	.....uauauaggacaaggugcuAu	1
Gi1_4249705_x1	.....auauaggacaaggAgcuu	1
Gi1_4305993_x1	.....auauaggacaaggCgcuu	1
Gi3_28399269_x1	.....uaCaggacaaggugcuuu	1
Gi4_602172_x1	.....auauaggacaUggugcuuu	1
Gi5_8991254_x1	.....auCuaggacaaggugcuuu	1
Gi5_8845454_x1	.....auaggacaagguUcuuu	1
Gi2_11387305_x1	.....gUuucugucacgcacuaauagg	1
Gi1_4189708_x1	.....auauaggacaaggGgcuuu	1
Gi3_28889896_x1	.....auaggGcaaggugcuuuaucuc	1
Gi3_28292008_x1	.....acuauCuaggacaaggugcuuu	1
Gi3_28481740_x1	.....Cuaggacaaggugcuuuau	1
Gi2_11169414_x1	.....auaggacaagguUcuuu	1
Gi5_8885881_x1	.....Nuauaggacaaggugcuu	1
Gi5_8867212_x1	.....auaggacUaggugcuuu	1
Gi3_28807855_x1	.....auauCggacaaggugcuuu	1
Gi5_9026283_x1	.....acuauauaggCcaaggugcuuu	1
Gi4_595073_x1	.....auauCggacaaggugcuuu	1
Gi1_4281170_x1	.....auauaggacaaggugUuu	1
Gi1_4314504_x1	.....acuauaCaggacaaggugcuuu	1
Gi3_28708157_x1	.....auauaggacaaNgugcuuu	1
Gi2_11020658_x1	.....auauaCgacaaggugcuuu	1
Gi1_4293485_x1	.....aggacaaggugcuuuacuU	1
Gi3_28868489_x1	.....uauGuaggacaaggugcuuu	1
Gi5_8922667_x1	.....Cuaggacaaggugcuuu	1
Gi3_28890389_x1	.....uauaggacaaggGgcuuu	1
Gi3_28824415_x1	.....auauaggacaaggugcuuuGu	1

Gi3_28480960_x1	.....acuauauaggacaaggGcuuua	1
Gi1_4214411_x1	.....auauaggaNaaggugcuua	1
Gi2_11272628_x1	.....Cauauaggacaaggugcuu	1
Gi3_28663433_x1	.....auauNggacaaggugcuuu	1
Gi5_9016012_x1	.....uauauaggacGaggugcuuu	1
Gi1_4297694_x1	.....auauaggacaGggugcuu	1
Gi4_599447_x1	.....auauaggCcaaggugcuua	1
Gi5_8899930_x1	.....acuauauaggacaaggugcuuC	1
Gi1_4192556_x1	.....aGauaggacaaggugcuuuauucucg	1
Gi5_8989545_x1	.....uauUuaggacaaggugcuuu	1
Gi2_11157617_x1	.....uauaggacaaggugAuuu	1
Gi3_28423227_x1	.....cuauauaggacaaggGcuuu	1
Gi3_28514545_x1	.....cuauauagNacaaggugcuuu	1
Gi3_28389806_x1	.....auaggacaagguCuuuauucuc	1
Gi4_572840_x1	.....auauaggacaaggugcuuAa	1
Gi5_8908593_x1	.....acuauauaAgacaaggugcuua	1
Gi3_28398195_x1	.....aggacaaggAgcuuuaucu	1
Gi3_28463171_x1	.....uauauaggacaaggugcuuu	0
Gi1_4300896_x1	.....auauUggacaaggugcuuuauucucg	1
Gi1a_6098716_x1	.....auauaggacaaggugAuuua	1
Gi2_11305151_x1	.....auauaggacaagguUcuuu	1
Gi3_28443783_x1	.....auauaggacaaggugcuuuauucucAc	1
Gi5_8875915_x1	.....auauaggacaaggugcuuuuC	1
Gi4_573698_x1	.....auGuaggacaaggugcuua	1
Gi4_597589_x1	.....auCuaggacaaggugcuu	1
Gi1a_6176862_x1	.....Nuauaggacaaggugcuua	1
Gi3_28506255_x1	.....auaggacaagUugcuua	1
Gi4_594658_x1	.....auaGaggacaaggugcuuu	1
Gi4_580703_x1	.....auauaggacaagAugcuu	1
Gi4_598336_x1	.....auauaggacaaggugcuuuG	1
Gi2_11291921_x1	.....auaggacGaggugcuua	1
Gi3_28484984_x1	.....auaggacaaggugcuuuauucCc	1
Gi4_575251_x1	.....auaNaggacaaggugcuuu	1
Gi5_8927656_x1	.....uauauaggacaagAugcuu	1
Gi3_28595929_x1	.....Cuaggacaaggugcuuuauucuc	1
Gi1a_6153141_x1	.....auauaggacaaggugcuAu	1
Gi3_28837081_x1	.....auaggacaCggugcuuuau	1
Gi3_28371541_x1	.....aggacaaggGcuuuaucu	1
Gi3_28393175_x1	.....aggacaaggugcuuuauucA	1
Gi1_4245509_x1	.....auauaggaAaaggugcuua	1
Gi1_4342333_x1	.....uauaggacaaggAgcuu	1
Gi2_11321165_x1	.....auauaggacaaggugcGu	1
Gi5_8837392_x1	.....auauaggacaaggAgcuuuau	1
Gi4_574802_x1	.....Nuauaggacaaggugcuua	1
Gi2_11178825_x1	.....auaUgacaaggugcuua	1
Gi5_8946621_x1	.....auGuaggacaaggugcuuuauucucg	1
Gi5_8963527_x1	.....uaGaggacaaggugcuuu	1

Gi5_4735327_x1938.....	uccggugugguauaacggc.....	0
Gi1_2205398_x1827.....	uccggugugguauaacgg.....	0
Gi3_17540579_x1690.....	ugguuuucacccaguagaucgg.....	0
Gi3_17570796_x1671.....	uuuucacccaguagaucgg.....	0
Gi3_17666074_x1615.....	gguuuucacccaguagauc.....	0
Gi5_4982035_x1447.....	uccggugugguauaacgg.....	0
Gi3_18039646_x1409.....	uccggugugguauaacggcu.....	0
Gi1_2314232_x1342.....	uccggugugguauaacggcuagca.....	0
Gi2_5270358_x1317.....	uuuucacccaguagaucgg.....	0
Gi5_5059974_x1297.....	uuuucacccaguagaucgg.....	0
Gi3_18606522_x1158.....	guucgauucccggaucgg.....	0
Gi3_18628430_x1149.....	guucgauucccggaucgga.....	0
Gi3_18722301_x1110.....	Gccggugugguauaacggcuagc.....	1
Gi5_5159674_x1106.....	guuuucacccaguagaucgg.....	0
Gi5_5181554_x1080.....	uuuucacccaguagaucgg.....	0
G1a_3576810_x1050.....	gguuuucacccaguagaucgg.....	0
Gi2_5610827_x1033.....	guucgauucccggaucgg.....	0
Gi1_2395855_x1022.....	uccggugugguauaacggc.....	0
Gi5_5213996_x1012.....	guucgauucccggaucgg.....	0
G1a_3614137_x968.....	uccggugugguauaacggcuagc.....	0
Gi2_5717621_x965.....	gguucgauucccggauc.....	0
Gi5_5261285_x959.....	ugguuuucacccaguagaucgg.....	0
Gi1_2423505_x952.....	guucgauucccggaucgg.....	0
Gi1_2439246_x904.....	guuuucacccaguagaucgg.....	0
Gi1_2464473_x842.....	uuuucacccaguagaucgg.....	0
Gi3_19680001_x786.....	uccggugugguauaacggcuagA.....	1
Gi3_19719875_x775.....	uuuucacccaguagaucgg.....	0
Gi2_6021950_x774.....	guucgauucccggaucgga.....	0
Gi1_2516496_x739.....	uccggugugguauaacgA.....	1
Gi2_6232676_x675.....	uccggugugguauaacggcu.....	0
Gi1_2556535_x648.....	ccggugugguauaacggcuagca.....	0
Gi1_2571740_x624.....	uuuucacccaguagaucgg.....	0
Gi1_2584597_x603.....	Uguuuucacccaguagaucgg.....	1
Gi3_20515743_x593.....	gguucgauucccggaucg.....	0
Gi3_20531705_x589.....	gguucgauucccggauc.....	0
Gi1_2606610_x563.....	gguuuucacccaguagaucgg.....	0
Gi2_6541734_x554.....	gguucgauucccggaucgg.....	0
Gi5_5620617_x554.....	Gccggugugguauaacggcuagc.....	1
Gi2_6628080_x525.....	Gccggugugguauaacggcuagc.....	1
G1a_3990448_x514.....	uccggugugguauaacggcuag.....	0
Gi1_2647994_x489.....	uccggugugguauaacggcu.....	0
Gi5_5710560_x486.....	guucgauucccggaucggagc.....	0
Gi3_21130494_x477.....	guucgauucccggaucggagcC.....	1
Gi3_21162287_x472.....	gguucgauucccggaucggagcC.....	1
Gi3_21170307_x471.....	Gccggugugguauaacggcua.....	1
Gi3_21219403_x464.....	gguucgauucccggaucgga.....	0
Gi3_21252177_x459.....	ccggugugguauaacggcua.....	0

Gi3_21274072_x454	.....Gccggugugguauaacggcuagca	.....	1
Gi1_2681305_x445	.....uccggugugguauaacggcuagA	.....	1
Gi3_21359105_x441	.....ugguuuucacccaguagauc	.....	0
Gi2_6955867_x427	.....Uguuuucacccaguagauccg	.....	1
Gi5_5817406_x424	.....gguuuucacccaguagauc	.....	0
Gi5_5822901_x422	.....cggugugguauaacggcuagc	.....	0
Gi2_7030530_x408	.....gguucgauucccggaucggagcC	.....	1
Gi3_21625395_x401	.....ggugugguauaacggcua	.....	0
Gi3_21685359_x393	.....uGcggugugguauaacggcuagc	.....	1
Gi3_21734480_x386	.....gGuuucacccaguagauccg	.....	1
Gi3_21755267_x383	.....gguucgauucccggaucgg	.....	0
Gi1_2736781_x382	.....ccggugugguauaacggcua	.....	0
Gi2_7172100_x371	.....ugguuuucacccaguagauccg	.....	0
Gi3_21863235_x367	.....auccggguucgauucccgga	.....	0
Gi3_21874589_x366	.....gguucgauucccggaucggagc	.....	0
Gi3_21909438_x361	.....guuuucacccaguagaucc	.....	0
Gi1_2757173_x361	.....gUuuuucacccaguagauccg	.....	1
Gi3_21918434_x359	.....Uuuuucacccaguagauccg	.....	1
Gi5_5939729_x353	.....gguucgauucccggaucgg	.....	0
Gi5_5961660_x344	.....gguucgauucccggauc	.....	0
Gi1a_4267103_x338	.....uccggugugguauaacggc	.....	0
Gi5_5973224_x337	.....gguucgauucccggaucggagc	.....	0
Gi3_22086875_x336	.....cgauucccggaucggagc	.....	0
Gi4_317119_x335	.....uccggugugguauaacggcuagc	.....0	0
Gi2_7376744_x325	.....gguucgauucccggaucggagc	.....	0
Gi5_6009724_x325	.....Uguuuucacccaguagauccg	.....	1
Gi3_22180134_x324	.....ccggugugguauaacggcuagc	.....	0
Gi2_7389705_x322	.....gguucgauucccggaucg	.....	0
Gi3_22218349_x319	.....Gccggugugguauaacggc	.....	1
Gi5_6023241_x318	.....uccggugugguauaacggcuagA	.....	1
Gi2_7440444_x311	.....gguucgauucccggaucggga	.....	0
Gi1_2802979_x311	.....ugguuuucacccaguagauccg	.....	0
Gi3_22307179_x309	.....gGuuucacccaguagauccg	.....	1
Gi1_2809163_x307	.....guagauccggguucgauucc	.....	0
Gi1_2808549_x307	.....Gccggugugguauaacggcuag	.....	1
Gi1_2812218_x305	.....Gccggugugguauaacggcuagc	.....	1
Gi1_2814043_x304	.....ccggugugguauaacggcuagc	.....	0
Gi2_7479745_x303	.....gguuuucacccaguagauc	.....	0
Gi3_22385277_x300	.....guucgauucccggaucg	.....	0
Gi3_22392757_x299	.....guagauccggguucgauucc	.....	0
Gi3_22407069_x297	.....Uuuuucacccaguagauccg	.....	1
Gi3_22425714_x295	.....cggugugguauaacggcua	.....	0
Gi1_2833018_x289	.....cggugugguauaacggcuagca	.....	0
Gi2_7586911_x283	.....gUuuuucacccaguagauccg	.....	1
Gi5_6145344_x277	.....ugguuuucacccaguagaucc	.....	0
Gi5_6150304_x275	.....ugguuuucacccaguagauccg	.....	0
Gi3_22633571_x273	.....ucUggugugguauaacggcuagc	.....	1

Gi1_2857710_x272	.....guucgauucccggaucgga	0
Gi1_2859336_x270	.....ggugugguauaacggcuagc	0
Gi5_6165822_x269	.....guucgauucccggaucg	0
G1a_4420824_x267	.....uccggugugguauaacggcua	0
Gi3_22715945_x265	.....agauccggguucgauucc	0
Gi2_7694651_x264	.....Uuuuucaccaguagauccg	1
Gi2_7694123_x264	.....ccggugugguauaacggcua	0
Gi3_22759847_x261	.....uccggugugguauaacgA	1
Gi5_6216248_x256	.....ugguuuucaccaguagauc	0
Gi3_22818413_x255	.....gguuuucaccaguagaucc	0
Gi3_22832411_x254	.....uuucaccaguagauccg	0
Gi5_6222628_x254	.....agauccggguucgauucc	0
Gi1_2891977_x253	.....ccggugugguauaacggcuagcau	0
Gi2_7772352_x251	.....ccggugugguauaacggcuagc	0
Gi2_7777606_x250	.....uuucaccaguagauccg	0
Gi2_7776856_x250	.....ggugugguauaacggcuagc	0
Gi5_6257309_x245	.....guucgauucccggaucgga	0
Gi3_22975831_x242	.....uccgguguNguauaacggcuagc	1
Gi3_22974379_x242	.....Uguuuucaccaguagauccgg	1
Gi2_7823111_x242	.....gguuuucaccaguagaucc	0
Gi5_6280521_x239	.....ccggugugguauaacggcua	0
Gi3_23004421_x239	.....Aguuuucaccaguagauccg	1
Gi1_2927881_x236	.....Uuuuucaccaguagauccg	1
Gi5_6309261_x232	.....uccggugugguauaacggcuagcaugacu	0
Gi2_7902356_x230	.....guucgauucccggaucggagc	0
G1a_4533006_x223	.....uccggugugguauaacggcuagcau	0
G1a_4536557_x221	.....guuuucaccaguagauccg	0
Gi5_6374885_x218	.....Aguuuucaccaguagauccg	1
Gi1_2970303_x216	.....ggaucccggaucgg	0
Gi5_6393758_x215	.....ggCuuuucaccaguagauccg	1
Gi3_23336433_x213	.....ggCuuuucaccaguagauccg	1
Gi2_8032811_x212	.....gGuuuucaccaguagauccg	1
Gi2_8036627_x212	.....ccaguagauccggguucgauucc	0
Gi2_8039374_x211	.....Guuuucaccaguagauccg	1
Gi3_23368863_x211	.....Uguuuucaccaguagauc	1
Gi1_2986893_x209	.....Gccggugugguauaacggcua	1
Gi2_8053891_x209	.....guucgauucccggaucggagcC	1
Gi5_6437300_x208	.....ggaucccggaucg	0
Gi2_8075744_x207	.....ugguuuucaccaguagauc	0
Gi2_8080298_x207	.....Gccggugugguauaacggcuagca	1
Gi5_6445158_x206	.....Uuuuucaccaguagauccg	1
Gi5_6460701_x203	.....cggugugguauaacggcua	0
G1a_4596773_x202	.....uccggugugguauaacgg	0
Gi3_23503899_x201	.....gguuuucaccaguagGuccg	1
Gi3_23549743_x198	.....uccggCgugguauaacggcuagc	1
Gi2_8146056_x198	.....guuuucaccaguagauccg	0
Gi3_23559806_x197	.....uccggugugguauaacggcuaA	1

Gi3_23560200_x197	.....gauccggguucgauucc	0
Gi2_8162221_x196	.....uuucacccaguagauc	0
Gi5_6505538_x195	.....gUuuuucacccaguagaucgg	1
Gi5_6516045_x194	.....uGcggugugguauaacggcuagc	1
Gi3_23622033_x193	.....ccggugugguauaacggcuag	0
Gi1_3031568_x193	.....uucacccaguagaucgg	0
Gi3_23635888_x192	.....ccggugugguauaacggcuagca	0
Gi5_6528781_x192	.....gguuuucacccCguagaucgg	1
Gi5_6540995_x190	.....uuucacccaguagaucgg	0
Gi5_6545722_x189	.....Gccggugugguauaacggcua	1
Gi5_6550994_x188	.....ccggugugguauaacggcuag	0
Gi5_6561666_x186	.....gguccggugugguauaacggc	0
Gi3_23720902_x186	.....uGcggugugguauaacggcuagca	1
Gi3_23733720_x185	.....gguuCucacccaguagaucgg	1
Gi3_23741857_x184	.....gguuuucacccaguagau	0
Gi3_23802652_x181	.....aguagaucggguucgauucc	0
Gi3_23795050_x181	.....gguuuucacccCguagaucgg	1
Gi5_6605666_x180	.....gguucgauucccggaucgga	0
Gi1_3070143_x179	.....agaucggguucgauucc	0
Gi3_23861717_x177	.....uuucacccaguagaucgg	0
Gi3_23908992_x174	.....Gccggugugguauaacggcuagca	1
Gi2_8366224_x173	.....ccggugugguauaacggc	0
Gi2_8363975_x173	.....uGcggugugguauaacggcuagc	1
Gi5_6664162_x172	.....gguuuucacccaguagGuccg	1
Gi5_6662614_x172	.....gguucgauucccggaucggagcC	1
Gi2_8384949_x171	.....uucacccaguagaucgg	0
Gi5_6675651_x171	.....gguucgauucccggaucggagcCc	1
Gi3_23953948_x171	.....uUguuuucacccaguagaucgg	1
Gi3_23976253_x170	.....uGcggugugguauaacggcua	1
Gi3_23997541_x168	.....gguucgauucccggaucggagcCc	1
Gi2_8409856_x168	.....Cugugguauaacggcuagca	1
Gi5_6704188_x167	.....guuuucacccaguagauc	0
Gi1_3111648_x167	.....gguuuucacccaguagauc	0
Gi3_24016650_x167	.....gguuuucacccaguagaucgg	1
Gi1_3111481_x167	.....Gccggugugguauaacggcuagca	1
Gi3_24070547_x164	.....uccggugugguauaacggcuagcaugacu	0
Gi3_24079840_x163	.....gguucgauucccggaucggagc	0
Gi5_6734319_x163	.....gguucgauucccggaucggagcC	1
Gi3_24072179_x163	.....cugguuuucacccaguagauc	0
Gi3_24084404_x163	.....gguCuuacccaguagaucgg	1
Gi2_8470256_x161	.....gguucgauucccggaucg	0
Gi3_24125012_x160	.....gUuuuucacccaguagaucgg	1
Gi3_24148436_x159	.....ccggugugguauaacggc	0
Gi5_6778507_x158	.....uccggguucgauucccggc	0
Gi2_8512435_x157	.....Gccggugugguauaacggc	1
Gi3_24194890_x156	.....cugguuuucacccaguagaucgg	0
Gi5_6794152_x155	.....gguuuucacccaguagaucgg	1

Gi1_3157185_x155.....	ccggugugguauaacggcuag.....	0
Gi3_24211781_x154.....	gguuuuCcccaguagauccg.....	1
Gi3_24241244_x152.....	Cccggugugguauaacggcuagc.....	1
Gi3_24258258_x151.....	uccgguguAguauaacggc.....	1
Gi2_8579332_x150.....	.....agauccggguucgauucc.....	0
Gi5_6848241_x149.....	.....gguuuCcaccaguagauccg.....	1
Gi2_8596522_x149.....	.....guuuucaccaguagaucc.....	0
Gi2_8619253_x147.....	ccggugugguauaacggcuagcau.....	0
Gi3_24328982_x147.....	uUcggugugguauaacggcuagc.....	1
Gi2_8613373_x147.....	ccggugugguauaacggcuag.....	0
Gi3_24332216_x147.....	ccggugugguauaacggcu.....	0
Gi5_6875923_x146.....	.....ugugguauaacggcuagc.....	0
Gi1a_4779400_x146.....	.....uuuucaccaguagauccg.....	0
Gi5_6874609_x146.....	.....gguCuucaccaguagauccg.....	1
Gi3_24374259_x144.....	.....guagauccggguucgauu.....	0
Gi3_24379299_x144.....	ucUggugugguauaacggcuagca.....	1
Gi5_6886945_x144.....	.....gguuuuCcccaguagauccg.....	1
Gi3_24369651_x144.....	.....gugugguauaacggcuagc.....	0
Gi2_8660891_x143.....	.....uagauccggguucgauucc.....	0
Gi2_8655171_x143.....	.....guucgauucccggaucggag.....	0
Gi5_6903284_x142.....	.....Guuucaccaguagauccgg.....	1
Gi3_24456133_x140.....	ucUggugugguauaacggcua.....	1
Gi5_6920949_x140.....	ucUggugugguauaacggcuagc.....	1
Gi2_8689587_x140.....	.....ugugguauaacggcuagc.....	0
Gi1_3223282_x139.....	.....gGuuucaccaguagauccgg.....	1
Gi3_24466281_x139.....	.....ugguuuucaccaguagauccg.....	0
Gi5_6934345_x139.....	.....gguuCucaccaguagauccg.....	1
Gi2_8701567_x139.....	.....gguucgauucccggaucUgg.....	1
Gi5_6943206_x138.....	.....Uuuuucaccaguagauccgg.....	1
Gi3_24491719_x137.....	uccggugugguauaacggUuagc.....	1
Gi3_24490623_x137.....	Gccggugugguauaacgg.....	1
Gi3_24541224_x135.....	.....ugugguauaacggcuagc.....	0
Gi4_391712_x135.....	uccggugugguauaacggcuagca.....	0
Gi3_24547256_x134.....	.....gguuuCcaccaguagauccg.....	1
Gi3_24586922_x132.....	ggGuuucaccaguagauccg.....	1
Gi2_8788323_x131.....	uccggugugguauaacggcuagA.....	1
Gi2_8783345_x131.....	ccggugugguauaacggA.....	1
Gi5_7008592_x130.....	.....gguuuucaccaguagCuccg.....	1
Gi3_24625285_x130.....	.....Uuucgauucccggaucgg.....	1
Gi3_24642226_x129.....	.....cccggcaucggagcucuuu.....	0
Gi3_24646612_x129.....	.....Uuucgauucccggaucggga.....	1
Gi5_7050575_x126.....	cgugugguauaacggcuagca.....	0
Gi1_3284469_x125.....	.....Guuucaccaguagauccg.....	1
Gi1_3281344_x125.....	uccggugugguauaacggcuaA.....	1
Gi3_24736213_x123.....	.....guucgauucccggaucggag.....	0
Gi2_8887399_x122.....	.....Uuucgauucccggaucgg.....	1
Gi5_7087738_x122.....	.....cgguucgauucccggauc.....	0

Gi2_8902596_x121	.....Uguucgauucccggauc.....	1
Gl1a_4872989_x121	.....gguucgauucccggaucgg.....	0
Gi3_24794366_x120	.....gguuuucaccagaguagCuccg.....	1
Gi3_24779966_x120	.....cgguucgauucccggaucgga.....	0
Gi3_24801991_x119	.....uccggugugguauaacggcuagcaA.....	1
Gl1a_4879470_x119	.....Uguuuucaccagauagauccg.....	1
Gi5_7125351_x118	.....gguuuucaccagauGgaucgg.....	1
Gi3_24827576_x118	.....uGcggugugguauaacggc.....	1
Gi3_24842109_x117	.....gUuuuuucaccagauagauc.....	1
Gi5_7139555_x117	.....uccggugugguauaGcggcuagc.....	1
Gi2_8952551_x117	.....ucUggugugguauaacggcuagc.....	1
Gl1a_4890395_x116	.....uccggugugguauaacggcuagca.....	0
Gi5_7140254_x116	.....uccggugugNguauaacggcuagc.....	1
Gi1_3328112_x115	.....uGcggugugguauaacggcuag.....	1
Gi3_24870065_x115	.....gguucgauucccggaucggag.....	0
Gi3_24879495_x115	.....uccggugugguauaacggcCagc.....	1
Gi3_24879610_x115	.....uccgUugugguauaacggcuagc.....	1
Gi3_24876850_x115	.....uccggCgugguauaacggcuag.....	1
Gi5_7153092_x115	.....gGuuuucaccagauagauccg.....	1
Gi1_3324202_x115	.....cugguuuuucaccagauagauccgg.....	0
Gi5_7167156_x114	.....Uuuucgauucccggaucgg.....	1
Gi3_24954812_x110	.....cgauucccggaucggagcucuu.....	0
Gi1_3346784_x110	.....Uuuuuucaccagauagauccgg.....	1
Gi1_3352925_x109	.....ggugugguauaacggcuag.....	0
Gi2_9055350_x108	.....Gccggugugguauaacggcuag.....	1
Gi4_412251_x108	.....gguuuucaccagauagauccg.....	0
Gi2_9070616_x107	.....Guucaccagauagauccg.....	1
Gi5_7243784_x106	.....Gccggugugguauaacggcuagca.....	1
Gi3_25053856_x105	.....gugugguauaacggcuagca.....	0
Gi3_25056481_x105	.....uccggugugguGuaacggcuagc.....	1
Gi2_9102789_x104	.....ugguuuuucaccagauagauccgggu.....	0
Gi5_7265649_x104	.....Cuuuucaccagauagauccgg.....	1
Gl1a_4948998_x103	.....uccggguucgauucccgga.....	0
Gi5_7269050_x103	.....Gccggugugguauaacggcuag.....	1
Gi3_25097173_x103	.....uccggugugguauaacAgcuagc.....	1
Gi3_25087594_x103	.....uccggugugguauaacggcuGgc.....	1
Gi5_7274200_x103	.....uccggugugguauaacggcu.....	0
Gi2_9129027_x102	.....guucgauucccggaucUgg.....	1
Gi3_25114721_x102	.....uccggugugguauaGcggcuagc.....	1
Gl1a_4956645_x101	.....gguuuucaccagauagauc.....	0
Gi3_25125444_x101	.....Gccggugugguauaacggcuag.....	1
Gi2_9138439_x101	.....gugguauaacggcuagcau.....	0
Gi3_25147226_x100	.....uccggugugNguauaacggcuagca.....	1
Gi5_7300789_x100	.....auccggguucgauucccgga.....	0
Gi5_7311362_x99	.....gguuuucaccagauagaucc.....	0
Gi1_3399834_x99	.....caguagauccggguucgauu.....	0
Gi3_25176655_x98	.....ggAuuuucaccagauagauccg.....	1

Gi2_9170858_x98.....uccgguguguaaaccggcuagc.....1
 Gi2_9184726_x97.....Uuucgauucccggaucgga.....1
 Gi3_25199628_x97.....uccgguguggCauaacggcuagc.....1
 Gi2_9187927_x97.....Gccggugugguuaaacgg.....1
 Gi5_7357286_x95.....Cauccggguucgauucccgga.....1
 Gi1_3421373_x95.....Uuucgauucccggaucgga.....1
 Gi3_25246829_x94.....agauccggguucgauucc.....0
 Gi1_3423915_x94.....uGcggugugguuaaacggcua.....1
 Gi3_25240437_x94.....uccggugCgguuaaacggcuagc.....1
 Gi1_3426547_x94.....ggugugguuaaacggcuagcau.....0
 Gi1_3430370_x93.....uguuuuacccaguagauccgg.....0
 Gi1_3433156_x92.....uccggugugguuaaGcggcuagc.....1
 Gi1_3437480_x92.....gGuuucacccaguagauccg.....1
 Gi3_25290719_x92.....gguuuucacccGguagauccg.....1
 Gi1_3434720_x92.....uGcggugugguuaaacggcuagc.....1
 Gi3_25304938_x91.....gguucgauucccggcGucggagc.....1
 Gi1_3441488_x91.....guucgauucccggaucg.....0
 Gi2_9264757_x90.....ccggguucgauucccggaucgga.....0
 Gi2_9279793_x89.....uGcggugugguuaaacggcuagca.....1
 Gi5_7420830_x89.....uUguuuucacccaguagauccg.....1
 Gi5_7423233_x89.....ggugugguuaaacggcuagc.....0
 Gi3_25361744_x88.....uccggugugguuaCaacggcuagc.....1
 Gi2_9283527_x88.....uccggugugguuaaGcggcuagc.....1
 Gi2_9296363_x87.....gguucgauucccggaucggag.....0
 Gi5_7439947_x87.....Gccggugugguuaaacggcuagcau.....1
 Gi5_7441948_x87.....gguuuucacccGguagauccg.....1
 Gi5_7451922_x86.....ggugugguuaaacggcuagcau.....0
 Gi5_7456136_x86.....guucgauucccggaucggagcuA.....1
 Gi5_7470895_x85.....cggugugguuaaacggcuag.....0
 Gi5_7461800_x85.....uccggugugguuaaacggcuagAa.....1
 Gi3_25423855_x84.....gguucgauucccggaCcgagc.....1
 Gi1_3474675_x84.....cccaguagauccggguucgauucc.....0
 Gi5_7474956_x84.....Cguuuucacccaguagauccg.....1
 Gi5_7511749_x81.....uUcggugugguuaaacggcuagc.....1
 Gi3_25476653_x81.....Cguuuucacccaguagauccg.....1
 Gi1_3493661_x80.....Gccggugugguuaaacgg.....1
 Gi5_7524147_x80.....gguuuucacccaguagaCccg.....1
 Gi5_7542200_x78.....cgauucccggaucggagcucuuu.....0
 Gi3_25550742_x77.....accaguagauccggguucgauucc.....0
 Gi5_7561270_x77.....uccggugugguuaaacggcuagcaA.....1
 Gi5_7560885_x77.....uGcggugugguuaaacggcua.....1
 Gi3_25572434_x76.....gguuuucacccaguagaCccg.....1
 Gi5_7572774_x76.....Gccggugugguuaaacggc.....1
 Gi3_25562326_x76.....cggugugguuaaacggcuagcau.....0
 GlA_5085804_x76.....gUuuuuacccaguagauccg.....1
 Gi3_25588260_x75.....uccggugugguuaaGcggcua.....1
 Gi1_3518133_x75.....uccggugugguuaaGcggcuag.....1

Gi5_7584121_x75.....	ucgauucccggaucggagcC.....	1
Gi3_25588485_x75.....	uccggugugguauCacggcuagc.....	1
Gi1_3520308_x75.....	uGcggugugguauaacggcuagca.....	1
Gi3_25609407_x74.....	Uguucgauucccggauc.....	1
Gi3_25601933_x74.....	gguuuucacccaguGgaucgg.....	1
Gi3_25615771_x74.....	uccgguguNguauaacggcu.....	1
Gi2_9472005_x73.....	gguccggugugguauaacggcuagc.....	0
Gi3_25626821_x73.....	ucgauucccggaucggagcC.....	1
Gi3_25618134_x73.....	uGcggugugguauaacggcuagcau.....	1
Gi5_7607684_x73.....	gguucgauucccggaucggag.....	0
Gi1_3533474_x72.....	ucUggugugguauaacggcuag.....	1
Gi3_25640754_x72.....	gguuuucacccaguagaucAg.....	1
Gi3_25644138_x72.....	uccggugugguauaacggcuagcG.....	1
Gi3_25667564_x71.....	gguuuucacccaguagaucCA.....	1
Gi5_7622684_x71.....	uccggugugguGuaaacggcuagc.....	1
Gi2_9492964_x71.....	Gccggugugguauaacggcuag.....	1
Gi3_25672037_x71.....	ucUggugugguauaacggc.....	1
Gi3_25663446_x71.....	gGucgauucccggaucgg.....	1
Gi2_9484870_x71.....	Gccggugugguauaacggcuagcau.....	1
Gi5_7625382_x71.....	ggGuuucacccaguagaucgg.....	1
Gi3_25671824_x71.....	uUcggugugguauaacggcuagca.....	1
Gi5_7637938_x70.....	gauccggguucgauucccggauc.....	0
Gi3_25684780_x70.....	guuCucacccaguagaucgg.....	1
Gi2_9495091_x70.....	gugugguauaacggcuagc.....	0
Gi5_7654168_x69.....	uccggCgugguauaacggcuagc.....	1
Gi3_25701982_x69.....	gguccggugugguauaacggcu.....	0
Gi2_9519180_x68.....	uccggCgugguauaacggcuagc.....	1
Gi2_9521220_x68.....	gGuuucacccaguagauc.....	1
Gi5_7660795_x68.....	uccgguguggCauaacggcuagc.....	1
Gi2_9537977_x67.....	uccggugugguauaacggcuGgc.....	1
Gi5_7668068_x67.....	gAuuuucacccaguagaucgg.....	1
Gi1_3564122_x66.....	uccgguguNguauaacggcuagc.....	1
Gi3_25763419_x66.....	uccggugugguauaacggcuagAa.....	1
Gi1_3562142_x66.....	uccgguguNguauaacggcuag.....	1
Gi2_9566501_x65.....	ggguucgauucccggaucggagc.....	0
Gi2_9565526_x65.....	gUuucgauucccggauc.....	1
Gi3_25787483_x64.....	Uguucgauucccggaucg.....	1
Gi1a_5153972_x64.....	gguucgauucccggaucg.....	0
Gi3_25786907_x64.....	Uguucgauucccggaucgga.....	1
Gi3_25814046_x63.....	gguuuucCcccaguagaucgg.....	1
Gi3_25807494_x63.....	uccggugugguGuaaacggcu.....	1
Gi3_25808250_x63.....	uccggugugguauaacggcuCgc.....	1
Gi5_7722498_x63.....	uccggugugguauaacggcuGgc.....	1
Gi1a_5158824_x63.....	guucgauucccggaucgg.....	0
Gi3_25822955_x62.....	uccggCgugguauaacgg.....	1
Gi1_3580533_x62.....	Uguuuucacccaguagaucgg.....	1
Gi3_25820971_x62.....	uccgguguNguauaacggc.....	1

Gi3_25856561_x61	.....uccgUugugguauaacggcua	.....	1
G1a_5174484_x61	.....cugguuucacccaguagauc	.....0	
Gi2_9614902_x61	.....gguuuucacccaguagaucgg	.....0	
Gi2_9613865_x61	.....Cccggugugguauaacggcuagc	.....1	
Gi2_9608497_x61	.....Uguucgauucccggaucgg	.....1	
Gi2_9609961_x61	.....uccggugugguCaacggcuagc	.....1	
Gi2_9605447_x61	.....uccggguucgauucccggaucgga	.....0	
Gi5_7754716_x60	.....gguuuucacccaguagaucAg	.....1	
Gi3_25865089_x60	.....gGucgauucccggaucgga	.....1	
Gi3_25870309_x60	.....guucgauucccggaucggagcuA	.....1	
Gi2_9622145_x60	.....uccggugugguGuaacggcuagc	.....1	
Gi5_7759636_x60	.....uccgUugugguauaacggcuagc	.....1	
Gi1_3595040_x60	.....guucgauucccggaucggagcCc	.....1	
Gi3_25864249_x60	.....guuuCacccaguagaucgg	.....1	
Gi2_9637507_x59	.....uuuucacccaguagaucgg	.....0	
Gi3_25881254_x59	.....uccggCgugguauaacggc	.....1	
Gi5_7767823_x59	.....gguccggugugguauaacggcuagc	.....0	
Gi2_9633023_x59	.....ggguucgauucccggaucggag	.....0	
Gi3_25889750_x59	.....aucggguucgauucccggaucgga	.....0	
Gi2_9631194_x59	.....uUcggugugguauaacggcuagc	.....1	
G1a_5193212_x59	.....ugguuuucacccaguagaucgg	.....0	
Gi5_7785631_x58	.....ggAuuucacccaguagaucgg	.....1	
Gi3_25905162_x58	.....uUcggugugguauaacggcua	.....1	
Gi5_7783253_x58	.....Gccggugugguauaacgg	.....1	
Gi3_25902610_x58	.....uccggugugguauaacggcuagcC	.....1	
G1a_5193684_x58	.....ugguuuucacccaguagaucgg	.....0	
G1a_5196120_x58	.....gugguauaacggcuagca	.....0	
Gi3_25928578_x57	.....gguuuucacUcaguagaucgg	.....1	
Gi3_25923847_x57	.....ggguucgauucccggaucg	.....0	
Gi3_25936843_x57	.....uccggugugguauaacgAcuagc	.....1	
Gi5_7795630_x57	.....gguuuucacccaguagaucA	.....1	
Gi3_25928635_x57	.....gguuuucacccaguagaucUg	.....1	
Gi3_25931713_x57	.....uccggCgugguauaacggcuagca	.....1	
Gi5_7792495_x57	.....ggugugguauaacggcuag	.....0	
Gi3_25955830_x56	.....Ggguuuucacccaguagaucgg	.....1	
Gi2_9676958_x56	.....gGucgauucccggaucgg	.....1	
Gi3_25950062_x56	.....uccggugugguauaacggcCa	.....1	
Gi3_25949166_x56	.....Cccggugugguauaacggcuagca	.....1	
Gi3_25940486_x56	.....gguuuucaccUaguagaucgg	.....1	
Gi5_7804312_x56	.....Cccggugugguauaacggcuagc	.....1	
Gi2_9681816_x55	.....ucUgugugguauaacggcuagca	.....1	
Gi5_7821224_x55	.....gguccggugugguauaacgg	.....0	
Gi3_25976710_x55	.....Guuucacccaguagaucgg	.....1	
Gi2_9687096_x55	.....uccgUugugguauaacggcuagc	.....1	
Gi1_3627210_x54	.....uccggCgugguauaacggcuag	.....1	
Gi5_7828073_x54	.....gguuuucCcccaguagaucgg	.....1	
Gi2_9702216_x54	.....gguucgauucccggaCcgagc	.....1	

Gi2_9701082_x54.....	uGcggugugguauaacggc.....	1
Gi3_25991568_x54.....	.gguuuucaccaAuagauccg.....	1
Gi5_7839677_x53.....	.gguuuucacUcaguagauccg.....	1
Gi5_7842115_x53.....	.Uguuuucacccaguagauc.....	1
Gi1_3627425_x53.....	.ucUggugugguauaacggcua.....	1
Gi3_25999088_x53.....	.gguuuucacccagCagauccg.....	1
Gi2_9710326_x53.....	.uccggugugguauaacAgcuagc.....	1
Gi3_26018092_x52.....	.....uucgauucccggaucggagcC.....	1
Gi5_7854715_x52.....	.....gGucgauucccggaucgg.....	1
Gi3_26025320_x52.....	.....cgauucccggaucggag.....	0
Gi1_3633854_x52.....	.....guucgauucccggaCcg.....	1
Gi3_26021784_x52.....	.....gAuuuucacccaguagauccg.....	1
Gi5_7858563_x52.....	.uccggugugguCaacggcuagc.....	1
Gi5_7852531_x52.....	.uccggugugguauaacAgcuagc.....	1
Gi3_26017520_x52.....	.....gUuucgauucccggauc.....	1
Gi2_9728058_x52.....	.....gguuuucacccaguagauccggguuc.....	0
Gi5_7852739_x52.....	.uccggugugguauaacggcCagc.....	1
Gi3_26034160_x52.....	.....uucgauucccggaucggga.....	0
Gi3_26020016_x52.....	.Cccggugugguauaacggcuagcau.....	1
Gi3_26019912_x52.....	.uccgguguggCauaacggcu.....	1
Gi3_26034680_x52.....	.Gccggugugguauaacggcu.....	1
Gi3_26020172_x52.....	.....gguuuuUaccaguagauccg.....	1
Gi3_26052049_x51.....	.uccggugugguauaaUggcuagc.....	1
Gi5_7872217_x51.....	.....uagauccggguucgauucccgga.....	0
Gi5_7869259_x51.....	.....gguuuucaccUaguagauccg.....	1
Gi5_7876836_x50.....	.uccggugugguauaacggcuagcauga.....	0
Gi2_9746195_x50.....	.....gguucgauucccggaucggagcA.....	1
Gi5_7877236_x50.....	.ucUggugugguauaacggcua.....	1
Gi5_7885336_x50.....	.uccggugugguauaacggcuagcaugac.....	0
Gi3_26064236_x50.....	.....ucUggugugguauaacggcuagcau.....	1
Gi3_26077136_x50.....	.uGcggugugguauaacggcuag.....	1
Gi3_26077236_x50.....	.....ccggugugguauaacggcuagA.....	1
Gi3_26093776_x49.....	.uccggugugguauGacggcuagc.....	1
Gl1a_5256021_x49.....	.....guucgauucccggaucggga.....	0
Gi1_3652789_x49.....	.ucUggugugguauaacggcuagc.....	1
Gi1_3651417_x49.....	.ucUggugugguauaacggcuagca.....	1
Gi3_26093678_x49.....	.....gguuuucacccaguagauAcg.....	1
Gi1_3649702_x49.....	.Gccggugugguauaacggcuagcau.....	1
Gi3_26079860_x49.....	.uccgguguggCauaacggcuagca.....	1
Gi3_26086524_x49.....	.uGcggugugguauaacgg.....	1
Gi5_7900394_x49.....	.uccggugugguauCacggcuagc.....	1
Gi2_9774509_x48.....	.uGcggugugguauaacgg.....	1
Gi2_9772637_x48.....	.uccgguguggCauaacggcuagc.....	1
Gi3_26097824_x48.....	.....gguucgauucccggcUuc.....	1
Gi3_26106416_x48.....	.....Cccggugugguauaacggcu.....	1
Gi3_26098016_x48.....	.uccggugugguauaacggcuAc.....	1
Gi5_7923013_x47.....	.....ccggugugguauaacggcuagA.....	1

Gi3_26131161_x47	.....gguuuucacAcaguagauccg	.....	1
Gi3_26131725_x47	.....Accaguagauccggguucgauucc	.....	1
Gi5_7917655_x47	.....uGcggugugguauaacggcuagcau	.....	1
Gi3_26136848_x47	.....uccggugCgguauaacggcuagca	.....	1
Gi2_9789696_x47	.....Guuucacccaguagauccgg	.....	1
Gi2_9785842_x47	.....uccgguguNguauaacggcuagca	.....	1
Gi1a_5277929_x47	.....uguuuuucacccaguagauU	.....	1
Gi3_26123406_x47	.....gguucgauucccggaucggagcCc	.....	1
Gi1_3662555_x47	.....guucgauucccggcGucgg	.....	1
Gi5_7915352_x47	.....gguuuucacccagCagauccg	.....	1
Gi3_26128247_x47	.....cccaguagauccggguucgauucc	.....	0
Gi3_26147579_x46	.....gguuuucacccaguagaAccg	.....	1
Gi5_7930615_x46	.....gGuuucacccaguagauccgg	.....	1
Gi5_7940919_x46	.....uguuuuucacccaguagauccgA	.....	1
Gi1_3667337_x46	.....uccggugugguauaacggcuagcauga	.....	0
Gi1a_5285108_x46	.....gguucgauucccggauc	.....	0
Gi3_26172178_x45	.....gUuucgauucccggaucg	.....	1
Gi3_26159038_x45	.....uGuucacccaguagauccg	.....	1
Gi2_9819024_x45	.....Uguucgauucccggaucggagc	.....	1
Gi2_9815154_x45	.....Uguucgauucccggaucg	.....	1
Gi3_26168128_x45	.....uccggugugguauaacggcuagU	.....	1
Gi5_7952622_x45	.....gCuuuucacccaguagauccg	.....	1
Gi3_26174113_x45	.....gguucgauucccggaucggagcuA	.....	1
Gi3_26167903_x45	.....uccggugugguauaacAgcua	.....	1
Gi1_3674265_x45	.....Uuagauccggguucgauucc	.....	1
Gi1_3677901_x44	.....uccggugugguauaacAgcuagc	.....	1
Gi1_3677989_x44	.....gugugguauaacggcuag	.....	0
Gi2_9826206_x44	.....uGcggugugguauaacggcu	.....	1
Gi5_7961371_x44	.....uccggugCgguauaacggcuagc	.....	1
Gi2_9840937_x43	.....gGucgauucccggaucgga	.....	1
Gi3_26217655_x43	.....Ugugugguauaacggcu	.....	1
Gi5_7968561_x43	.....uGcggugugguauaacggcuagca	.....	1
Gi3_26201014_x43	.....uccAgugugguauaacggcuagc	.....	1
Gi2_9837411_x43	.....uccggugugguauaacggcuagcC	.....	1
Gi3_26214129_x43	.....uccAgugugguauaacggcu	.....	1
Gi3_26203121_x43	.....uccggAgugguauaacggcuagc	.....	1
Gi3_26215290_x43	.....uccgguguAguauaacggcuagc	.....	1
Gi2_9841367_x43	.....Ugugugguauaacggcuagc	.....	1
Gi2_9837669_x43	.....guucgauucccggaucggagcCc	.....	1
Gi5_7985956_x42	.....gguuuucacAcaguagauccg	.....	1
Gi1_3687839_x42	.....uUcggugugguauaacggcuagc	.....	1
Gi3_26232679_x42	.....uccggugugguCaaccggcu	.....	1
Gi3_26226169_x42	.....guuuucacccaguagauccggguucg	.....	0
Gi5_7984906_x42	.....gguuuucacccaguagauAccg	.....	1
Gi2_9856885_x42	.....uccggCgugguauaacggc	.....	1
Gi1_3687251_x42	.....uccggugugguauaacggcuagcU	.....	1
Gi3_2622221_x42	.....uguuuuCcaccaguagauccg	.....	1

Gi3_26251303_x41	.....gguuuucacccaguagauUcg	1
Gi2_9869192_x41	.....uccggugugguauaacggcA	1
Gi1_3693224_x41	.....uccggugugguauaacAgcuag	1
Gi1_3694946_x41	.....uccggugugguauaacggcuagcC	1
Gi1_3692855_x41	.....uccggugugguauaacggcuGgc	1
Gi5_7993002_x41	.....gguuuucaUccaguagauccg	1
Gi3_26251754_x41	.....uccggugugguauaacggcCagca	1
Gi2_9867019_x41	.....uccggugCgguauaacggcuagc	1
Gi5_7992100_x41	.....Uuucgauucccggaucggagc	1
Gi2_9866568_x41	.....uccggugugguauaGcggcuagca	1
Gi5_7993248_x41	.....Guuucacccaguagauccg	1
Gi3_26281010_x40	.....uccggugugguauaacAgcuagca	1
Gi2_9876250_x40	.....uccggugugguauaacggcCagc	1
Gi3_26271170_x40	.....uccggugugguauCacggcua	1
Gi2_9876970_x40	.....gUuucgauucccggaucgg	1
Gi1_3700637_x40	.....gguuuucacccaguagauccgU	1
Gi3_26273890_x40	.....uUguuuucacccaguagaucc	1
Gi5_8007534_x40	.....gguuuucacccaguagauUg	1
Gi4_480875_x39	.....guucgauucccggaucgg	0
Gi3_26293872_x39	.....uccggugugguauaCcgguagc	1
Gi2_9897721_x39	.....gguccggugugguauaacggcuagcau	0
Gi3_26283420_x39	.....Uguucgauucccggaucggagc	1
Gi3_26285253_x39	.....gguuuCcacccaguagauccgg	1
Gi3_26304948_x39	.....uccggugGgguauaacggcuagc	1
Gi5_8026280_x39	.....guucgauucccggaCcgg	1
Gi3_26283108_x39	.....uccggugugguauaGcggc	1
Gi2_9896434_x39	.....ucUggugugguauaacggc	1
Gi2_9898735_x39	.....Uguuuucacccaguagaucc	1
Gi1_3705296_x39	.....uccgUugugguauaacggcuag	1
Gi2_9888634_x39	.....uccggugugguauCacggcuagc	1
Gi5_8041043_x38	.....uccgguguNguauaacggcua	1
Gi2_9909231_x38	.....ccaguagauccggguucgauucccgga	0
Gi5_8034165_x38	.....cggugugguauaacggcu	0
Gi2_9905355_x38	.....ucgauucccggaucggagc	0
Gi3_26320318_x38	.....gguucgauucccggaCcgg	1
Gi3_26320546_x38	.....uccgguguAguauaacggcua	1
Gi3_26324004_x38	.....Uguucgauucccggaucgg	1
Gi5_8040853_x38	.....gguuuucacccaguagauUcg	1
Gi3_26316936_x38	.....Accggugugguauaacggcuagc	1
Gi1_3710706_x38	.....uccgUugugguauaacggcuagc	1
Gi3_26341484_x37	.....gCuuuucacccaguagauccg	1
Gi2_9921479_x37	.....cccaguagauccggguucgauucc	0
Gi3_26349143_x37	.....uccgguguNguauaacggcuagcau	1
Gi1_3716400_x37	.....uccgguguggCauaacggcuag	1
Gi5_8050296_x37	.....Uguucgauucccggaucgg	1
Gi3_26337562_x37	.....Uuuuucacccaguagaucc	1
Gi5_8051998_x37	.....gUuuuucacccaguagaucc	1

Gi1_3720433_x37	uccgguguNguauaacggcuagca	1
Gi3_26327498_x37	uccggugCgguauaacggcua	1
Gi1_3720322_x37	uccgguguNguauaacggcua	1
Gi2_9921220_x37	guucgauucccgAcaucgg	1
Gi1_3718472_x37	uccggCgugguauaacggcua	1
Gi5_8045190_x37	ggugugguauaacggcuagca	0
Gi3_26347145_x37	Guuucacccaguagauccgg	1
Gi5_8050333_x37	gguuuuUaccaguagauccg	1
Gi3_26336674_x37	Uuagauccggguucgauucc	1
Gi2_9941427_x36	uccgguguNguauaacggc	1
Gi3_26370155_x36	uccggGuAugguauaacggcuagc	1
Gi5_8067208_x36	Uguucgauuccggcauc	1
Gi1_3722667_x36	Gccggugugguauaacggc	1
Gi1_3721443_x36	uUcggugugguauaacggcuag	1
Gi3_26364359_x36	ccggguucgauuccggcaucgga	0
Gi3_26359031_x36	gguucgauucccgcaCcgga	1
Gi3_26374511_x36	Uuucgauuccggcaucg	1
Gi5_8069244_x35	uGcggugugguauaacggcuag	1
Gi1_3729647_x35	gguuuucaNccaguagauccg	1
Gi1_3728457_x35	uccggugugguGuaacggcuag	1
Gi1_3732062_x35	gGucgauucccgcaucgg	1
Gi3_26391530_x35	gguucgauucUcggcaucgg	1
Gi3_26391600_x35	uccggugugguauaGcggcuagca	1
Gi5_8073619_x35	uccggugugguauaacggcuagU	1
Gi2_9943539_x35	ggCuuucacccaguagauccg	1
Gi1_3734543_x34	uccggCgugguauaacggcuagc	1
Gi1_3733455_x34	Cguucgauucccgcaucgg	1
Gi5_8090499_x34	uccggCgugguauaacggcuag	1
Gi2_9968513_x34	uccggugugguauaacggcuagcaugacu	0
Gi1_3736345_x34	gUuuucacccaguagauccgg	1
Gi3_26397292_x34	uccggugugguCaacggcuagca	1
Gi3_26413986_x34	gguuuucacccaguaAaucgg	1
Gi3_26408818_x34	uccggugugguGuaacggcuagca	1
Gi2_9963923_x34	uccggugugguauaacggcuagU	1
Gi5_8089003_x34	gguucgauucccgcaucggagcCc	1
Gi5_8082339_x34	Uuucgauucccgcaucg	1
Gi3_26428723_x33	gUuucgauucccgcaucgga	1
Gi3_26438854_x33	uccggugugguauaacggcuCgca	1
Gi3_26438887_x33	gguuuucaUccaguagauccg	1
Gi2_9976641_x33	Uguucgauucccgcaucgga	1
Gi3_26422090_x33	gguuGucacccaguagauccg	1
Gi3_26435983_x33	uccggugugAuauaacggcuagc	1
Gi1_3740961_x33	uccggugugguCaacggcuag	1
Gi2_9981756_x33	uccgguguNguauaacggcua	1
Gi5_8103939_x33	uccggugugguauaacgAcuagc	1
Gi1_3738981_x33	gguuuucacccCguagauccg	1
Gi1_3740367_x33	guucgauucccgcaucggagc	0

Gi2_9980106_x33	.....gguucgauucccggcGucggagc.....	1
Gi2_9994653_x32	.....uucgauucccggaucgga.....	0
Gi3_26456830_x32	.....uccggugAgguauaacggcuagc.....	1
Gi1_3744800_x32	.....uccggugugguauaacggcuGg.....	1
Gi3_26446526_x32	.....ucgauucccggaucggagc.....	0
Gi3_26455454_x32	.....gguuuucacccUguagauccg.....	1
Gi1_3748736_x32	.....gguCuucacccaguagauccg.....	1
Gi3_26462302_x32	.....cUgugugguauaacggcua.....	1
Gi5_8110822_x32	.....gguucgauucccggaucggagcuA.....	1
Gi3_26468830_x32	.....uccgUugugguauaacggcuagca.....	1
Gi5_8110054_x32	.....Uguucgauucccggaucggagc.....	1
Gi1_3755353_x31	.....Cccggugugguauaacggcuagc.....	1
Gi5_8119341_x31	.....ucUggugugguauaacggcuagcau.....	1
Gi3_26485962_x31	.....uccggugugguCuaacggcuagc.....	1
Gi5_8118442_x31	.....Uuucgauucccggaucgga.....	1
Gi3_26469532_x31	.....ucUggugugguauaacggcuag.....	1
Gi1_3750734_x31	.....uGuucacccaguagauccg.....	1
Gi1_3753307_x31	.....ggCuucacccaguagauccg.....	1
Gi1_3750951_x31	.....uGcggugugguauaacgg.....	1
Gi3_26478026_x31	.....gguAuucacccaguagauccg.....	1
Gi5_8118814_x31	.....uccggCgugguauaacggcua.....	1
Gi5_8130315_x31	.....guucgauucccggaCcg.....	1
Gi1_3760985_x30	.....uccggugCgguauaacggcuag.....	1
Gi1_3758105_x30	.....uccggugugguGuaacggcuagc.....	1
Gi3_26493300_x30	.....ucgauucccggaucgga.....	0
Gi3_26505870_x30	.....Uguuuucacccaguagaucc.....	1
Gi5_8142535_x30	.....gUuucgauucccggaucgg.....	1
Gi3_26498310_x30	.....ucUggugugguauaacgg.....	1
Gi3_26504760_x30	.....uUcggugugguauaacggc.....	1
Gi2_10025695_x30	.....Uguuuucacccaguagaucc.....	1
Gi3_26516520_x30	.....guucgauucccggcGucgga.....	1
Gi2_10017265_x30	.....uccAgugugguauaacggcuagc.....	1
Gi3_26511420_x30	.....uccggugugguauCacggc.....	1
Gi3_26517630_x30	.....uccggugugguauaacggcuGgca.....	1
Gi2_10019725_x30	.....uccggugugguGuaacggc.....	1
Gl1_5401386_x30	.....Gccggugugguauaacggcuagc.....	1
Gi1_3759635_x30	.....Cccggugugguauaacggcuag.....	1
Gi2_10036109_x29	.....uccggCgugguauaacggcua.....	1
Gi5_8153873_x29	.....gguuuucacccaguCgauccg.....	1
Gi5_8144390_x29	.....ucUggugugguauaacggcuag.....	1
Gi2_10032774_x29	.....gguCuucacccaguagauccg.....	1
Gi5_8145405_x29	.....uccggugugguauaacggcuAc.....	1
Gi5_8148885_x29	.....uccgguguNguauaacggcuagcau.....	1
Gl1_5408668_x29	.....uguuuuucacccaguagauc.....	0
Gi3_26539732_x29	.....uccgguguNguauaacgg.....	1
Gi1_3767916_x29	.....uccggCgugguauaacggcuagca.....	1
Gi3_26539964_x29	.....uccgAugugguauaacggcuagc.....	1

Gi2_10037559_x29.....	.gguuuucacccaguagauccg.....	1
Gi5_8156945_x28.....	.guucgauucccggcGucgg.....	1
Gi5_8161733_x28.....	.Ggguuuucacccaguagauccg.....	1
Gi3_26557941_x28.....	.guuuucacccaguagGuccg.....	1
Gi1_3773320_x28.....	.Uuucgauucccggaucgga.....	1
Gi5_8156385_x28.....	.uccggugugguauaacggGuagc.....	1
Gi1_3770968_x28.....	.Aguuuucacccaguagauccg.....	1
Gi1_3769316_x28.....	.gguucgauucccggaucg.....	0
Gi1_3773740_x28.....	.uccggugugguauaacggcCagc.....	1
Gi3_26549037_x28.....	.uccggugugggCauaacggc.....	1
Gi2_10057629_x28.....	.uGcggugugguauaacggcuagcau.....	1
Gi3_26556541_x28.....	.guucgauucccggaCcgga.....	1
Gi3_26548029_x28.....	.gauucccggaucggagc.....	1
Gi5_8165093_x28.....	.uccggugugguauaacggcuagcC.....	1
Gi3_26553713_x28.....	.uccggAgugguauaacggcua.....	1
Gi5_8159297_x28.....	.uccggugugguauaGcggcua.....	1
Gi2_10046541_x28.....	.uUcggugugguauaacggcuagca.....	1
Gi3_26554665_x28.....	.uccggugugguauaacggcuaAca.....	1
Gi2_10054493_x28.....	.Gccggugugguauaacggcu.....	1
Gi3_26592546_x27.....	.Cccggugugguauaacggc.....	1
Gi5_8178938_x27.....	.uccggugugguauaacggUuagc.....	1
Gi3_26568057_x27.....	.gUuucgauucccggaucggagc.....	1
Gi3_26588334_x27.....	.uccggugugguauaacggcuG.....	1
Gi3_26574456_x27.....	.auucccggaucggagcC.....	1
Gi1_3774873_x27.....	.uccggguucgauucccggaucgg.....	0
Gi2_10067744_x27.....	.guucgauucccggaCcgga.....	1
Gi2_10070228_x27.....	.uGuucacccaguagauccg.....	1
Gi1a_5433008_x27.....	.Gccggugugguauaacggcuag.....	1
Gi5_8178128_x27.....	.ggugugguauaacggcuagcaugacu.....	0
Gi3_26588604_x27.....	.gguucgauucccggaCcgga.....	1
Gi5_8173754_x27.....	.ucUggugugguauaacggcuagca.....	1
Gi1_3775845_x27.....	.gguuuucacccaguagCuccg.....	1
Gi2_10076289_x26.....	.ucUggugugguauaacggcua.....	1
Gi3_26595565_x26.....	.gguuuucUccaguagauccg.....	1
Gi1_3786209_x26.....	.uccgguguAguauaacggcuag.....	1
Gi3_26596839_x26.....	.uccgguaugguauaacggcua.....	1
Gi2_10085337_x26.....	.uGcggugugguauaacggcuag.....	1
Gi2_10075977_x26.....	.uucgauucccggaucgg.....	0
Gi5_8183392_x26.....	.gGucgauucccggaucggagc.....	1
Gi1_3780749_x26.....	.uccggugugguauaacggcuagAa.....	1
Gi3_26602611_x26.....	.uccggugugguauaacgAcuagca.....	1
Gi1_3784597_x26.....	.uccggugugguauaGcggcua.....	1
Gi2_10086819_x26.....	.gguuuucacccaguagGuccg.....	1
Gi1_3784675_x26.....	.uccggugugguauaacggcuG.....	1
Gi2_10079071_x26.....	.gUuuuucacccaguagaucc.....	1
Gi5_8180688_x26.....	.uccgguguNguauaacggcuagca.....	1
Gi5_8190464_x26.....	.gguucgauucccggaucggagcucu.....	0

Gi3_26601623_x26.....	.gguuucaccAaguagauccg.....	1
Gi5_8189138_x26.....	.uccggugugguauaacggcuCgc.....	1
Gi5_8180844_x26.....	.gguuucaccccUguagauccg.....	1
Gi2_10084479_x26.....	..gUuucgauucccggaucg.....	1
Gi5_8185602_x26.....	.gguuucacccaAuagauccg.....	1
Gi5_8190178_x26.....	.gguuGucaccaguagauccg.....	1
Gi3_26595279_x26.....	.uccggugugguauCacggcuagca.....	1
Gi1_3791181_x25.....	.uccggugugguGuaacggcuagca.....	1
G1a_5447137_x25.....	..Uuuucacccaguagauccg.....	1
Gi2_10101497_x25.....	.uccggugugguauaacggcuCgc.....	1
Gi3_26624018_x25.....	.uccAgugugguauaacggcuagca.....	1
Gi2_10100472_x25.....	..Cccggugugguauaacggcuagca.....	1
Gi1_3791731_x25.....	..guucgauucccggaucggagcC.....	1
Gi5_8205009_x25.....	.uccggugugguauaGcggcuagca.....	1
Gi2_10101197_x25.....	.uccgguguNguauaacgg.....	1
Gi2_10095072_x25.....	..Aguuuacaccaguagauccg.....	1
Gi3_26643168_x25.....	.uccggugugguUuaacggcuagc.....	1
Gi1_3793181_x25.....	.uccgguguCguauaacggcuagc.....	1
Gi2_10098697_x25.....	.gUugugguauaacggcuagc.....	1
Gi3_26636818_x25.....	.uccgguguNguauaacggcuag.....	1
Gi2_10095972_x25.....	..gUuucgauucccggaucgga.....	1
Gi3_26626493_x25.....	.uccggugugguauaaUggcu.....	1
G1a_5446662_x25.....	.gguCucacccaguagauccg.....	1
Gi1_3791106_x25.....	.gguuucGcccaguagauccg.....	1
Gi1_3792781_x25.....	..Ugugugguauaacggcuagc.....	1
Gi3_26645368_x25.....	..guucgauucccggaCcg.....	1
Gi2_10100397_x25.....	..ucUggugugguauaacgg.....	1
Gi5_8203234_x25.....	.uccggugugguauaaUggcuagc.....	1
Gi1_3797078_x24.....	..gguCucacccaguagauccg.....	1
G1a_5454400_x24.....	..guucgauucccggaucggagc.....	0
Gi5_8216064_x24.....	..cggugugguauaacggcuagcaugacu.....	0
G1a_5452720_x24.....	..cccaguagauccggguucgauucc.....	0
Gi2_10120771_x24.....	.uccggugugguauaaUggcuagc.....	1
Gi2_10106827_x24.....	..guuuucGcccaguagauccg.....	1
G1a_5452480_x24.....	.uccggugugguauaacggcu.....	0
Gi2_10121083_x24.....	.Accggugugguauaacggcuagc.....	1
Gi3_26659832_x24.....	..gUuucgauucccggaucg.....	1
Gi3_26678456_x24.....	.uccggCgugguauaacggcuagca.....	1
Gi3_26658896_x24.....	..guucgauucccggcGucgg.....	1
Gi3_26666672_x24.....	..aUauccggguucgauucc.....	1
Gi1_3794390_x24.....	..Ucggugugguauaacggcu.....	1
Gi5_8218152_x24.....	.uccggCgugguauaacgg.....	1
Gi3_26659448_x24.....	..gUugugguauaacggcu.....	1
Gi3_26659688_x24.....	..guuuucacNcaguagauccg.....	1
Gi1_3795446_x24.....	..ucUggugugguauaacgg.....	1
Gi5_8213904_x24.....	.uccggugugguauaacggcCa.....	1
Gi2_10113475_x24.....	.gguuucacccCguagauccg.....	1

Gi5_8213472_x24.....	guucgauucccggaucggagcAc.....	1
Gi3_26655488_x24.....	guuuucacccCguagaucgg.....	1
Gi3_26669648_x24.....	uccggugCgguauaacggc.....	1
Gi3_26663600_x24.....	uccggCgugguauaacggcuag.....	1
Gi2_10112659_x24.....	uccggugugguauaGcggc.....	1
Gi2_10118323_x24.....	ucgauucccggaucggagcC.....	1
Gi3_26674952_x24.....	ggauccgauucccggaucggga.....	1
Gi1_3796046_x24.....	uUguuuucacccaguagaucgg.....	1
Gi3_26650304_x24.....	uccggugugguGuaacggc.....	1
Gi5_8217960_x24.....	uUcggugugguauaacggcuagcau.....	1
Gi1_3800945_x23.....	uccggugugguauaacggcuagcauAacu.....	1
Gi1_3805798_x23.....	cUgugugguauaacggcuagca.....	1
Gi3_26680675_x23.....	guuuucacNcaguagaucgg.....	1
Gi2_10125726_x23.....	Uuucgauucccggaucgg.....	1
Gi1_3804510_x23.....	uccggugugguauCacggcuag.....	1
Gi3_26681227_x23.....	gguccggugugguauaacggcuagc.....	0
Gi2_10126646_x23.....	gguCuucacccaguagaucgg.....	1
Gi2_10128325_x23.....	ucUggugugguauaacggcuag.....	1
Gi1_3803935_x23.....	uccggugugguauaacggcuagU.....	1
Gi3_26697212_x23.....	uccggGgugguauaacggcuagc.....	1
Gi2_10137640_x23.....	Uuuuucacccaguagaucgg.....	1
Gi2_10137502_x23.....	gUuucgauucccggaucggagc.....	1
Gi2_10131844_x23.....	uccggugugguauaacgAcuagc.....	1
Gi1_3801865_x23.....	Aguccggugugguauaacggcuagcau.....	1
Gi3_26691439_x23.....	guuuucacccaguagGuccgg.....	1
Gi5_8225825_x23.....	uccgguguAguauaacggcuag.....	1
Gi3_26691347_x23.....	uccggugugguauaaUggcuagca.....	1
Gi5_8232472_x23.....	Accggugugguauaacggcuagc.....	1
Gi1_3800301_x23.....	Uguucgauucccggaucgg.....	1
Gi2_10131821_x23.....	uuucacccaguagaucgg.....	0
Gi5_8222858_x23.....	uGcggugugguauaacggc.....	1
Gi3_26716472_x22.....	uccggugugguauaacggcuagcCu.....	1
Gi4_500608_x22.....	uccggugugguauaacggcuagcau.....	0
Gi5_8235323_x22.....	Cccggugugguauaacggcua.....	1
Gi3_26736514_x22.....	uccgguguggCauaacggcuagcau.....	1
Gi3_26721004_x22.....	cUauucccggaucggagc.....	1
Gi2_10145778_x22.....	uccggugugguauaacggcuaAc.....	1
Gi3_26717132_x22.....	uccggugugguauaacggcuagG.....	1
Gi1_3810225_x22.....	Cccggugugguauaacggcua.....	1
Gi5_8235147_x22.....	cccaguagaucggguucgau.....	0
Gi3_26738296_x22.....	uccgUugugguauaacggc.....	1
Gi5_8235499_x22.....	uccgAugugguauaacggcuagc.....	1
Gi3_26733324_x22.....	gguuuuAaccaguagaucgg.....	1
Gi5_8247181_x22.....	uccAgugugguauaacggcuagc.....	1
Gi5_8235257_x22.....	uccggAgugguauaacggcuagc.....	1
Gi3_26726042_x22.....	uccgguguAguauaacgg.....	1
Gi3_26711390_x22.....	uccggugugguauaacggcuagcaC.....	1

Gi1_3810203_x22.....	uccggugugguauaacggcCag.....	1
Gi3_26726416_x22.....	gguuuucacccaguCgaucgg.....	1
Gi1_3810995_x22.....	uccgguguAguauaacgg.....	1
Gi3_26722632_x22.....	Accggugugguauaacggcua.....	1
Gi1_3809829_x22.....	uccggugugguauaacggcuaAc.....	1
Gi5_8245993_x22.....	uccggugugguCaacggcua.....	1
Gi3_26712248_x22.....	gguuuAcacccaguagauccg.....	1
Gi5_8234597_x22.....	gguuuucacccaguaAaucgg.....	1
Gi5_8262855_x21.....	uGcggugugguauaacgg.....	1
Gi1_3819174_x21.....	uccggugugguauaacggcuCgc.....	1
Gi3_26755569_x21.....	gUuuuucacccaguagaucc.....	1
Gi5_8259768_x21.....	uccgguguNguauaacggc.....	1
Gi1_3820014_x21.....	uccggugugguauaacggcCa.....	1
Gi5_8258172_x21.....	uccggugugguauaacAgcua.....	1
Gi5_8263002_x21.....	uUguuuucacccaguagauc.....	1
Gi2_10158079_x21.....	uccggugugguauaacggcuagcCu.....	1
Gi5_8259243_x21.....	gguuuucacccaguagGuccgg.....	1
Gi2_10164484_x21.....	uccgguguAguauaacggcuagc.....	1
Gi2_10155790_x21.....	uccggCgugguauaacgg.....	1
Gi3_26772327_x21.....	gguuuucacccaguagauccc.....	1
Gi3_26755716_x21.....	Uaucggguucgauucc.....	1
Gi1_3818607_x21.....	uccggugugguauaacgAcuagc.....	1
Gi1_3820833_x21.....	uccggugugguauaacggcCagca.....	1
Gi2_10171897_x21.....	guucgauucccggcGucggagc.....	1
Gi3_26746770_x21.....	guCuucacccaguagauccgg.....	1
Gi1_3817284_x21.....	uGcggugugguauaacggcuagcau.....	1
Gi2_10172086_x21.....	gCuucacccaguagauccg.....	1
Gi1_3818040_x21.....	uccgguAugguauaacggcuag.....	1
Gi5_8251494_x21.....	uGuucacccaguagauccg.....	1
Gi2_10164925_x21.....	gguuuCcacccaguagauccg.....	1
Gi5_8249016_x21.....	gUuucgauucccggcaucggagc.....	1
Gi3_26753721_x21.....	uGuucacccaguagauccgg.....	1
Gi2_10161376_x21.....	uccggugugguauaGcgg.....	1
Gi3_26749731_x21.....	uccgguguAguauaacggcuagca.....	1
Gi1_3820455_x21.....	guucgauucccggcaucggagcuA.....	1
Gi5_8263023_x21.....	gguuuucUccaguagauccg.....	1
Gi1_3826970_x20.....	uccgUugugguauaacggcua.....	1
Gi2_10186569_x20.....	uUguuuucacccaguagauccg.....	1
Gi5_8271029_x20.....	Cccggugugguauaacggcuagca.....	1
Gi2_10181729_x20.....	uccggugugguauaacggcuagcG.....	1
Gi5_8269349_x20.....	uccggugugguauaacggcuagcaugacug.....	0
Gi5_8275089_x20.....	ucUggugugguauaacggc.....	1
Gi3_26802045_x20.....	Cuuucacccaguagauccg.....	1
Gi5_8269689_x20.....	Aguuuucacccaguagauccgg.....	1
Gi5_8268209_x20.....	uUguuuucacccaguagauccgg.....	1
Gi5_8269989_x20.....	gguuuucacccaguagaCccgg.....	1
Gi3_26782165_x20.....	uccggugugguauaacggcCagcau.....	1

Gi5_8277309_x20.....gguuuAcaccaguagauccg..... 1
 Gi5_8266929_x20.....cUgugugguauaacggcuagc..... 1
 Gi5_8274869_x20.....uccggugugAuauaacggcuagc..... 1
 Gi5_8275389_x20.....gguAuucacccaguagauccg..... 1
 Gi5_8270429_x20.....Uguccggugugguauaacggc..... 1
 Gi2_10180889_x20.....Cccggugugguauaacggc..... 1
 Gi3_26796625_x20.....uccAgugugguauaacggc..... 1
 Gi3_26782445_x20.....gguuuucacccaguUgauccg..... 1
 Gi3_26798565_x20.....uccggugugguGuaacggcuagcau..... 1
 Gi2_10190449_x20.....uccggugCgguauaacggc..... 1
 Gi5_8275309_x20.....agauccggguucgauuccggcaucggagc..... 0
 Gi4_503893_x20.....uccggugugguauaacggc..... 0
 Gi3_26793885_x20.....uccggugugguauaacgAcua..... 1
 Gi3_26836675_x19.....gCuucacccaguagauccgg..... 1
 Gi2_10208308_x19.....uccgAugugguauaacggcuagc..... 1
 Gi1_3834170_x19.....uUcggugugguauaacggcu..... 1
 Gi2_10203995_x19.....uccgguguggCauaacggcuagca..... 1
 Gi1_3835101_x19.....uccggugugguauaacggcuU..... 1
 Gi5_8277710_x19.....uUcggugugguauaacggcu..... 1
 Gi5_8284835_x19.....Cccggugugguauaacggcuag..... 1
 Gi5_8280807_x19.....gguuuucaccAaguagauccg..... 1
 Gi3_26820943_x19.....uccgguguAguauaacggcuag..... 1
 Gi5_8288673_x19.....uccgUugugguauaacggcu..... 1
 Gi2_10194609_x19.....uccggugugguGuaacggcuagca..... 1
 Gi1_3830446_x19.....gguuuucacccaguagauUg..... 1
 Gi2_10204413_x19.....uccgUugugguauaacggc..... 1
 Gi5_8291884_x19.....uccggCgugguauaacggc..... 1
 Gi3_26809334_x19.....uccggugugguUuaacggcu..... 1
 Gi3_26813229_x19.....gguccggugugguauaacggcuagca..... 0
 Gi1_3834702_x19.....Guucacccaguagauccgg..... 1
 Gi5_8291903_x19.....gguucgauuccggcaCcgagc..... 1
 Gi5_8284037_x19.....uccggugugguGuaacggcuagca..... 1
 Gi3_26820126_x19.....Uugugguauaacggcuagca..... 1
 Gi1_3836070_x19.....gguuuucacccaguagUuccg..... 1
 Gi3_26816839_x19.....uuuUaccaguagauccgg..... 1
 Gi5_8284436_x19.....uccggugugguauaGcggcuagcau..... 1
 Gi3_26817542_x19.....uccggugugguauaGcggcuag..... 1
 Gi2_10203748_x19.....uccgguguNguauaacggcuagcau..... 1
 Gi1_3832232_x19.....uGcggugugguauaacggc..... 1
 Gi5_8285899_x19.....uccggugGgguauaacggcuagc..... 1
 Gi3_26817314_x19.....uccggugugguauGacggcu..... 1
 Gi3_26824819_x19.....Uuagauccggguucgau..... 1
 Gi5_8286051_x19.....uccggCgugguauaacggcuagca..... 1
 Gi1_3831871_x19.....ccggugugguauaacggcuagAa..... 1
 Gi4_504655_x19.....Uguuuucacccaguagauccg..... 1
 Gi2_10197269_x19.....uccggCgugguauaacggcuagca..... 1
 Gi5_8281567_x19.....uccgguguAguauaacggcuagc..... 1

Gi1_3836621_x19	.gguuuucacccaguagaCccg	1
Gi1_3832137_x19	.Cguuuucacccaguagaucgg	1
Gi5_8280275_x19	.gUuucgauucccggauc	1
Gi5_8278261_x19	.gguuuucacccaUuagaucgg	1
Gi2_10221430_x18	.uccggugCgguauaacggcuagcau	1
Gi3_26854180_x18	.gguccggugugguauaacggcuagcauga	0
Gi3_26860228_x18	.guCuucacccaguagaucgg	1
Gi5_8296911_x18	.ucUggugugguauaacgg	1
Gi1_3840573_x18	.uuCucacccaguagaucgg	1
Gi5_8294751_x18	.uUcggugugguauaacggcuagca	1
Gi2_10215526_x18	.guucgauucccgGucgg	1
Gi3_26856520_x18	.Auuuucacccaguagaucgg	1
Gi1_3845001_x18	.uccggugugguGuaacggcua	1
Gi5_8295291_x18	.gguuuucacccaguGgaucgg	1
Gi2_10216516_x18	.guuuucacNcaguagaucgg	1
Gi2_10225300_x18	.uccggugugguauaacggcCa	1
Gi1_3841329_x18	.uccggugugguauaacgAcuag	1
Gi5_8302887_x18	.uccggAgugguauaacggcua	1
Gi5_8302311_x18	.guucgauucccgGucg	1
Gi3_26858374_x18	.uccggugugguauCacgg	1
Gi2_10210522_x18	.ggGuuucacccaguagaucgg	1
Gi5_8304975_x18	.gguuuuAaccaguagaucgg	1
Gi2_10210738_x18	.uccggugugguauaacAgcuagca	1
Gi5_8299737_x18	.uccgguguAguauaacggcua	1
Gi5_8296479_x18	.uccggugugguGuaacggc	1
Gi5_8304075_x18	.Uguucgauucccggaucg	1
Gi2_10226074_x18	.uccggAgugguauaacggcuagc	1
Gi5_8297523_x18	.gguuuucacccaguagUuccg	1
Gi3_26848312_x18	.ucAggugugguauaacggcuagc	1
Gi1_3843867_x18	.guucgauucccgAcaucgg	1
Gi1_3837801_x18	.uGuucacccaguagaucgg	1
Gi1_3842391_x18	.uUcggugugguauaacggcuagca	1
Gi1a_5513813_x18	.gGuuucacccaguagaucgg	1
Gi2_10227226_x18	.gguccggugugguauaacg	0
Gi3_26859490_x18	.gguuuucacccaUuagaucgg	1
Gi1_3844317_x18	.uccggugugguauaacggUuag	1
Gi3_26839546_x18	.guucgauucccggaucggagcAc	1
Gi2_10232534_x17	.gguucgauucccggaCc	1
Gi5_8312843_x17	.uccggugugAuauaacggcuag	1
Gi2_10240422_x17	.Uugguauaacggcuagcau	1
Gi1_3850718_x17	.uccggugugguauaCcgguag	1
Gi2_10232041_x17	.uuCucacccaguagaucgg	1
Gi5_8314815_x17	.uccgguguggCauaacggcuagcau	1
Gi3_26881459_x17	.uccgUugugguauaacgg	1
Gi5_8309273_x17	.uccggugugguGuaacggcua	1
Gi2_10250027_x17	.uccggugAgguauaacggcuagc	1
Gi5_8318266_x17	.aUaucggguucgauucc	1

Gi3_26876784_x17.....uccggAgugguauaacggc.....	1
Gi5_8310446_x17.....uccgguguggCauaacggcua.....	1
Gi1_3852350_x17.....gUuucgauucccggaucgg.....	1
Gi3_26904681_x17.....aucggguucgauucccggaucggag.....	0
Gi3_26908506_x17.....gUuucgauucccggaucggag.....	1
Gi1_3852554_x17.....uccggugugguauaacggcuGgca.....	1
Gi5_8318742_x17.....uccgguAugguauaacggcuagc.....	1
Gi1_3854373_x17.....uccggugugguaCaacggcuagc.....	1
Gi3_26884842_x17.....uccgAugugguauaacggcua.....	1
Gi2_10230630_x17.....gguccggugugguauaacggcuagca.....	0
Gi2_10244553_x17.....Uuuuucacccaguagaucc.....	1
Gi5_8309885_x17.....uccggugugguauCacggcua.....	1
Gi3_26904868_x17.....Cccggugugguauaacgg.....	1
Gi2_10241884_x17.....guuCucacccaguagauccg.....	1
Gi1_3848049_x17.....uccggugCgguaauaacggcuagc.....	1
Gi5_8322125_x17.....uccggugCgguaauaacggcua.....	1
Gi3_26875322_x17.....Uguuuucacccaguagau.....	1
Gi1_3853319_x17.....uccggugugguauCacggcuagc.....	1
Gi2_10240524_x17.....gguucgauucccggaucggagcCc.....	1
Gi5_8313523_x17.....uUcggugugguauaacggcuag.....	1
Gi3_26878229_x17.....uagauccggguucgauucccggaucggag.....	0
Gi1_3850973_x17.....aUauccggguucgauucc.....	1
Gi5_8317926_x17.....uccggugugguCuaaacggcuagc.....	1
Gi3_26876291_x17.....uccggugugguaCaacggcuagca.....	1
Gi3_26944125_x16.....uccgguAugguauaacggc.....	1
Gi3_26933213_x16.....uUcggugugguauaacggcuagca.....	1
Gi3_26932189_x16.....guuuucacccCguagauccgg.....	1
Gi3_26930941_x16.....uccNgugugguauaacggcuagc.....	1
Gi2_10254665_x16.....ucUggugugguauaacggcuagca.....	1
Gi3_26928909_x16.....uccggAgugguauaacggcuagca.....	1
Gi3_26950189_x16.....uccggugugguauGacggcuagca.....	1
Gi3_26931533_x16.....uccggugugguauaacggcuagUa.....	1
Gi2_10259097_x16.....uccggugugguauaacggcCagca.....	1
Gi3_26931741_x16.....uccggugugguauaacAgc.....	1
Gi1_3858449_x16.....uccggugugguauaacAgcuagca.....	1
Gi1_3855457_x16.....uccAgugugguauaacggcuag.....	1
Gi1_3861297_x16.....uccgguguNguauaacgg.....	1
Gi3_26950605_x16.....uccggugugAuauaacggcua.....	1
Gi3_26932173_x16.....uccggugugguauaacggcuUgc.....	1
Gi3_26947229_x16.....Uuucgauucccggaucggag.....	1
Gi2_10259449_x16.....Uuucgauucccggaucggag.....	1
Gi3_26931213_x16.....uccggugugguGuaacgg.....	1
Gi3_26942445_x16.....gguuuucacccaguagauccg.....	1
Gi1_5533885_x16.....Uguucgauucccggaucgg.....	1
Gi3_26924941_x16.....uccUgugugguauaacggcuagc.....	1
Gi2_10268585_x16.....uUguuuucacccaguagauc.....	1
Gi2_10264905_x16.....gguuuucacccaguagaucAg.....	1

Gi2_10250665_x16.....	guuuuaccccaguagGuccg.....	1
Gi3_26934301_x16.....	gGucgauucccggaucg.....	1
Gi3_26913965_x16.....	gguCuucaccccaguagaucgg.....	1
Gi1_3857521_x16.....	uccggCgugguauaacgg.....	1
Gi5_8334544_x16.....	gUuucgauucccggaucg.....	1
Gi3_26932781_x16.....	uccggugugguauaacggUuagca.....	1
Gi5_8324208_x16.....	uccgUugugguauaacggcuag.....	1
Gi5_8326544_x16.....	uGuucaccccaguagaucgg.....	1
Gi3_26932333_x16.....	uccgUugugguauaacggcuag.....	1
Gi1_3863281_x16.....	uccggugugguauaaUggcuag.....	1
Gi3_26916605_x16.....	uUcggugugguauaacgg.....	1
Gi1_3858001_x16.....	guCuucaccccaguagaucgg.....	1
Gi1a_5538925_x16.....	gguuuCcaccaguagaucgg.....	1
Gi5_8326064_x16.....	gUuccggugugguauaacggc.....	1
Gi3_26935309_x16.....	gguuuuaccccCguagaucgg.....	1
Gi5_8338922_x15.....	gguuuuaccccCguagaucgg.....	1
Gi5_8353562_x15.....	Ugugugguauaacggcuagcau.....	1
Gi1_3870062_x15.....	Gcggugugguauaacggcuagca.....	1
Gi1_3870152_x15.....	gGagauccggguucgauucc.....	1
Gi5_8351177_x15.....	gguuuucaAccaguagaucgg.....	1
Gi3_26976085_x15.....	uccggugugguauaacggcC.....	1
Gi5_8351447_x15.....	uccggugugguauaacggcuagcCu.....	1
Gi5_8352317_x15.....	uccggugugguauaacggcuGgca.....	1
Gi5_8342447_x15.....	uccggugugguUuaaacggcuagc.....	1
Gi1_3867602_x15.....	Ugugugguauaacggcuag.....	1
Gi2_10275775_x15.....	uccgguguNguauaacggcuag.....	1
Gi1_3871487_x15.....	uccgguguggCauaacggcuagc.....	1
Gi2_10288390_x15.....	Uuucgauucccggaucggagc.....	1
Gi1_3867857_x15.....	guuuuaccccaguagGuccg.....	1
Gi2_10290970_x15.....	guCuucaccccaguagaucgg.....	1
Gi1_3869477_x15.....	uccgAugugguauaacggcua.....	1
Gi5_8350337_x15.....	uUguuuuaccccaguagauc.....	1
Gi2_10289275_x15.....	uccgUugugguauaacgg.....	1
Gi2_10282660_x15.....	uUguuuuaccccaguagaucgggu.....	1
Gi1_3864467_x15.....	uccgguguggCauaacggcuagca.....	1
Gi2_10292530_x15.....	guucgauucccggaCcgagc.....	1
Gi3_26961940_x15.....	Gccggugugguauaacggcuagcau.....	1
Gi5_8345057_x15.....	ggCuuuaccccaguagaucgg.....	1
Gi2_10283860_x15.....	uccggugGgguauaacggcuagc.....	1
Gi3_26966185_x15.....	uUcggugugguauaacggcuag.....	1
Gi1_3869147_x15.....	Cccggugugguauaacggcuagca.....	1
Gi5_8345072_x15.....	uccggugugguCaacggcuagca.....	1
Gi3_26992930_x15.....	ugguuucNcccaguagaucgg.....	1
Gi5_8346302_x15.....	gguuuucaNccaguagaucgg.....	1
Gi2_10290280_x15.....	guuuuaccccCguagaucgg.....	1
Gi3_26973115_x15.....	uccggugugguauaacggcuaUc.....	1
Gi3_26955055_x15.....	Ggguuuuaccccaguagauc.....	1

Gi3_26972305_x15	.....ugguGuucacccaguagaucgg.....	1
Gi1_3871067_x15	.....Ggguuuucacccaguagaucgg.....	1
Gi2_10279855_x15	.....uccggugugguGuaacgg.....	1
Gi3_27004729_x14	.....uccggugugguauaUcggcuagc.....	1
Gi3_27023797_x14	.....uccggugugguGaacggcuagc.....	1
Gi5_8367157_x14	.....cUgugugguauaacggcua.....	1
Gi3_27032155_x14	.....Aguuuucacccaguagaucgg.....	1
Gi5_8370181_x14	.....guuuucacNcaguagaucgg.....	1
Gi3_27019793_x14	.....uGcggugugguauaacggcu.....	1
Gi2_10316455_x14	.....uuGucacccaguagaucgg.....	1
Gi2_10314271_x14	.....uUcggugugguauaacggcua.....	1
Gi1_3881098_x14	.....gguuuucaccUaguagaucgg.....	1
Gi1_3875680_x14	.....uccggugCgguauaacggcua.....	1
Gi1_3879306_x14	.....gUuuuucacccaguagauc.....	1
Gi1_3875372_x14	.....gguucgauucccggaCcg.....	1
Gi3_27009489_x14	.....uccggugugguauaGcggcuagca.....	1
Gi2_10297359_x14	.....uccggugCgguauaacggcuagca.....	1
Gi2_10309147_x14	.....gguuuucGcccaguagaucgg.....	1
Gi2_10308545_x14	.....uccggugGuaauaacggcua.....	1
Gi3_27019653_x14	.....ggCuucacccaguagauc.....	1
Gi3_27017399_x14	.....uccggugugguCuaacggcuagca.....	1
Gi3_27032925_x14	.....guuuucacccGguagaucgg.....	1
Gi1_3873412_x14	.....uccggugugguauaaUggcuagc.....	1
Gi3_27004211_x14	.....gguucgauucccggaCcg.....	1
Gi1_3873216_x14	.....uccgguguggCuaaacggcua.....	1
Gi3_27029369_x14	.....guuuucGcccaguagaucgg.....	1
Gi1_3874896_x14	.....uccggAgugguauaacggcuagc.....	1
Gi3_27032505_x14	.....gguuuucacNccaguagaucgg.....	1
Gi1_3876170_x14	.....Uguuuucacccaguagauc.....	1
Gi1_3879376_x14	.....uccggugugguauaacgAcua.....	1
Gi5_8358841_x14	.....uccggugugguauaacggcuagcaC.....	1
Gi2_10300313_x14	.....guuuucacccGguagaucgg.....	1
Gi2_10315909_x14	.....uUcggugugguauaacgg.....	1
Gi3_27023965_x14	.....Uguucgauucccggaucggag.....	1
Gi1_3877822_x14	.....uccgguaAugguauaacggcuagc.....	1
Gi5_8366835_x14	.....Uuuuucacccaguagauc.....	1
Gi2_10309357_x14	.....uccggugugguauaacAgc.....	1
Gi2_10314257_x14	.....gUuuuucacccaguagauc.....	1
Gi1_3877920_x14	.....uccggugugguauaacAgcua.....	1
Gi1_3879586_x14	.....guucgauucccggaCucgg.....	1
Gi3_27024651_x14	.....guuuCcaccaguagaucgg.....	1
Gi2_10305353_x14	.....uccggugugguCuaacggcuagc.....	1
Gi3_27019429_x14	.....uuCucacccaguagaucgg.....	1
Gi1_3872978_x14	.....ggGuuuucacccaguagaucgg.....	1
Gi2_10296379_x14	.....uccggugugguGuaacggcuagca.....	1
Gi2_10311093_x14	.....uccgguaAugguauaacggcuagc.....	1
Gi3_27013577_x14	.....Accggugugguauaacggcuagca.....	1

Gi3_26993977_x14.....	uccggugCgguauaacggcuagcau.....	1
Gi2_10309063_x14.....	uccggugugguauaacggcuCgca.....	1
Gi2_10303701_x14.....	uccggCgugguauaacggcuag.....	1
Gi2_10327355_x13.....	Cccggugugguauaacggcua.....	1
Gi2_10318073_x13.....	uccggAgugguauaacggcuagca.....	1
Gi2_10332919_x13.....	.....aUauccggguucgauucc.....	1
Gi3_27067563_x13.....	.....agaucggguucgauucccggaucggagc.....	0
Gi5_8386858_x13.....	.....gguuuucacccaguUgaucgg.....	1
Gi1_3885020_x13.....	uccggAgugguauaacggcuag.....	1
Gi5_8384245_x13.....	uccggugugguauaaUggcua.....	1
Gi3_27058970_x13.....	.....gguuuucacccaguagaucggA.....	1
Gi1_3890792_x13.....	uccgUugugguauaacggcuagca.....	1
Gi5_8379253_x13.....	uccggugCgguauaacggcuag.....	1
Gi1a_5584951_x13.....	.....gguucgauucccggaucgga.....	0
Gi3_27078951_x13.....	uccggugugguauGacggc.....	1
Gi2_10328707_x13.....	uccgUugugguauaacggcuag.....	1
Gi1_3883421_x13.....	uccggugugguauaGcggcuagca.....	1
Gi5_8387222_x13.....	uccggugugguauaCggcua.....	1
Gi3_27074908_x13.....	.....Uuucgauucccggaucggagc.....	1
Gi5_8378629_x13.....	uccggugugguauGacggcuag.....	1
Gi3_27048739_x13.....	.....gguuuucacccaguagUuccg.....	1
Gi1_3891546_x13.....	uccggugugguauGacggcuag.....	1
Gi3_27040783_x13.....	Cccggugugguauaacggcuag.....	1
Gi3_27052756_x13.....	.....gguucgauucccggcGucg.....	1
Gi3_27072971_x13.....	uccggugAgguauaacggcua.....	1
Gi5_8380683_x13.....	.....gGucgauucccggaucg.....	1
Gi5_8381229_x13.....	.....gguuuucacccagCagaucgg.....	1
Gi2_10327056_x13.....	uccggugugguauGacggcuag.....	1
Gi3_27054563_x13.....	.....Uugugguauaacggcuag.....	1
Gi3_27048102_x13.....	.....gguuuucacccaguagaucGg.....	1
Gi1_3892911_x13.....	Agucggugugguauaacggcua.....	1
Gi2_10337508_x13.....	.....gguuuucacccaguGgaucgg.....	1
Gi1_3883772_x13.....	.....gguuuCcaccaguagaucgg.....	1
Gi3_27055564_x13.....	uccggAgugguauaacggcuagcau.....	1
Gi2_10335558_x13.....	uccgUugugguauaacggcuagca.....	1
Gi5_8384622_x13.....	uUcggugugguauaacgg.....	1
Gi5_8388613_x13.....	.....guucgauuccAgcaucgg.....	1
Gi3_27041069_x13.....	uccggugugguCuaacggcua.....	1
Gi1_3890480_x13.....	uccgUugugguauaacgg.....	1
Gi5_8376822_x13.....	uccggugugguauaacAgcuagcau.....	1
Gi3_27064976_x13.....	uccggugugguauaacggU.....	1
Gi2_10340849_x13.....	uccggugugAuauaacggcuagc.....	1
Gi5_8384817_x13.....	uccAgugugguauaacggcua.....	1
Gi3_27048934_x13.....	uccggugugguauaacggA.....	1
Gi1_3890714_x13.....	uccggugugguauaacggcuagcG.....	1
Gi3_27066419_x13.....	.....gguGuucacccaguagaucgg.....	1
Gi3_27050949_x13.....	.....uuuucGcccaguagaucgg.....	1

Gi2_10322298_x13.....	.....gguucgauucccggaCcgga.....	1
Gi3_27058801_x13.....	.....gguucgauuccAgcaucgga.....	1
Gi3_27051183_x13.....	.....ggCuucacccaguagauccgg.....	1
Gi1_3890831_x13.....	.....gUugugguauaacggcuagc.....	1
Gi5_8373364_x13.....	.....cUgugugguauaacggcuagca.....	1
Gi2_10323949_x13.....	.....uccggugugguGuaacggcua.....	1
Gi5_8373377_x13.....	.....gguuuucacccGguagauccg.....	1
Gi1_3887737_x13.....	.....gguuuucGcccaguagaucc.....	1
Gi3_27040029_x13.....	.....ggGuuucacccaguagauccgg.....	1
Gi5_8390355_x13.....	.....gGuuucacccaguagaucc.....	1
Gi3_27044371_x13.....	.....uccggugugguauaaGggcuagc.....	1
Gi3_27042369_x13.....	.....uccggugugguCaacggc.....	1
Gi3_27073062_x13.....	.....uccggugugguauaacggcuagcGu.....	1
Gi3_27123513_x12.....	.....uccggugAgguauaacggcuagca.....	1
Gi2_10357330_x12.....	.....gguucgauuccgggcGucggagc.....	1
Gi5_8407494_x12.....	.....uggCuucacccaguagauccg.....	1
Gi3_27093933_x12.....	.....uccggugugguauaacggUua.....	1
Gi3_27098085_x12.....	.....uccgAugugguauaacggcuagc.....	1
Gi1_3904370_x12.....	.....uccggugugguauaacggcuG.....	1
Gi5_8402010_x12.....	.....uccggugugguauaacggcCag.....	1
Gi3_27114117_x12.....	.....aGccggguucgauucccgga.....	1
Gi3_27132729_x12.....	.....gguuGucacccaguagauccg.....	1
Gi2_10364578_x12.....	.....gguuuucacccaguagGuccgg.....	1
Gi3_27114381_x12.....	.....gguuuucGcccaguagauccgg.....	1
Gi3_27115989_x12.....	.....uccggugugguauaCcgguca.....	1
Gi3_27096393_x12.....	.....uUcggugugguauaacggc.....	1
Gi2_10363642_x12.....	.....gguucgaCucccggaucgg.....	1
Gi3_27093297_x12.....	.....gguuuucCcccaguagauccg.....	1
Gi2_10360450_x12.....	.....uccggugugguauGacggc.....	1
Gi2_10356766_x12.....	.....ucGggugugguauaacggc.....	1
Gi2_10363186_x12.....	.....uccAgugugguauaacggcuagc.....	1
Gi1_3899498_x12.....	.....uccggugAgguauaacggcuagc.....	1
Gi5_8400690_x12.....	.....uccggCgugguauaacggcuagcau.....	1
Gi5_8406102_x12.....	.....uccggugugguauCacggcuagca.....	1
Gi2_10352938_x12.....	.....uccgAugugguauaacggcuagca.....	1
Gi3_27111249_x12.....	.....uccggGgugguauaacggcua.....	1
Gi3_27089997_x12.....	.....uccgguguAguauaacgg.....	1
Gi5_8392002_x12.....	.....ggAuucacccaguagauccg.....	1
Gi1_3897218_x12.....	.....ugguCuucacccaguagauccg.....	1
Gi3_27098313_x12.....	.....gguucgauucccggaCc.....	1
Gi3_27097029_x12.....	.....uccgguAugguauaacggcuagca.....	1
Gi3_27101961_x12.....	.....guuuucacNcaguagauccg.....	1
Gi1_3894974_x12.....	.....gguucgauucccCgcaucgg.....	1
Gi2_10368202_x12.....	.....gguucgauucccggaucggagcAc.....	1
Gi1_3895442_x12.....	.....uccggugugguauaacAg.....	1
Gi2_10359034_x12.....	.....uccAgugugguauaacggcuagca.....	1
Gi1_3898070_x12.....	.....	1

Gi3_27110409_x12.....	uccggugugguauaacggcuagAau.....	1
Gi3_27105777_x12.....	uccggugugguaCaacggcuag.....	1
Gi5_8397858_x12.....	.....cUgguuucgauuccggcau.....	1
Gi1_3896510_x12.....	uccgguguAguauaacggcua.....	1
Gi2_10363246_x12.....	uccggugugguauaacggcuagAa.....	1
Gi3_27094317_x12.....	uccggugugguauaaUggc.....	1
Gi1_3901778_x12.....	uUguuuucacccaguagauccgg.....	1
Gi3_27115101_x12.....	ugguuuucacccaguagGuccg.....	1
Gi1_3898574_x12.....	uccggugugguauaacggcuagcaUacu.....	1
Gi5_8395314_x12.....	uccggugugguauaacAgcuag.....	1
Gi2_10353658_x12.....	uccggugugguaCaacggcuagca.....	1
Gi5_8391930_x12.....	Uguuuucacccaguagaucc.....	1
Gi5_8401866_x12.....	Cgguuuucacccaguagauccg.....	1
Gi5_8392962_x12.....	ucAggugugguauaacggcuagc.....	1
Gi1_3903806_x12.....	Gcggugugguauaacggcua.....	1
Gi5_8408466_x12.....	.....guucgauuccggcaucggagcucu.....	0
Gi1_3899882_x12.....	ccggCgugguauaacggcuag.....	1
Gi5_8398590_x12.....	uccgguguNguauaacggcuag.....	1
Gi2_10346326_x12.....	Ggguuuucacccaguagauccg.....	1
Gi5_8394882_x12.....	uccggGgugguauaacggcuagc.....	1
Gi1_3901082_x12.....	uUcggugugguauaacgg.....	1
Gi3_27104553_x12.....	uuGucacccaguagauccg.....	1
Gi3_27120993_x12.....	guuuucacccaguagauUg.....	1
Gi3_27085929_x12.....	uccggugugCuaaacggcuagc.....	1
Gi5_8403234_x12.....	.....gguucgauuccgggcGucggagc.....	1
Gi5_8405094_x12.....	Ugugugguauaacggcuag.....	1
Gi2_10344718_x12.....	uccgguguggCauaacggc.....	1
Gi2_10360078_x12.....	uccGUugugguauaacggcua.....	1
Gi1_3898442_x12.....	uccAgugugguauaacggcua.....	1
Gi3_27093069_x12.....	Accggugugguauaacggc.....	1
Gi2_10348018_x12.....	uccggugCgguauaacggcua.....	1
Gi3_27104661_x12.....	uccggugugguauUacggcuagca.....	1
Gi3_27095445_x12.....	uccggugugAuauaacggc.....	1
Gi3_27117237_x12.....	uccggugCgguauaacggcuag.....	1
Gi2_10344394_x12.....	.....guucgauuccggcaCcgga.....	1
Gi3_27128541_x12.....	gCuucacccaguagauccg.....	1
Gi3_27125517_x12.....	guuuucacccaguagaCccgg.....	1
Gi3_27116853_x12.....	uccggugugguauaacgUcuagc.....	1
Gi3_27123813_x12.....	guuuucGcccaguagauccgg.....	1
Gi1_3901226_x12.....	uccggugugguCuaacggcuag.....	1
Gi2_10352314_x12.....	Cuuucacccaguagauccg.....	1
Gi3_27183586_x11.....	.....guucgauuccggcaCcgag.....	1
Gi5_8416119_x11.....	ugguuuucNcccaguagauccg.....	1
Gi5_8421157_x11.....	.....Uguucgauuccggcaucgga.....	1
Gi1_3910953_x11.....	uccggugugguaCaacggcuagca.....	1
Gi5_8426536_x11.....	.....uuuucacccaguagaCccg.....	1
Gi3_27183542_x11.....	.....Aguuuucacccaguagaucc.....	1

Gi3_27160013_x11.....	guucgauuccUggcaucgga.....	1
Gi1_3905277_x11.....	gGucgauucccggaucgga.....	1
Gi2_10392748_x11.....	uccggugugguaCaacggcua.....	1
Gi5_8418451_x11.....	uccgguguAguauaacggc.....	1
Gi5_8413446_x11.....	gguNuucacccaguagaucgg.....	1
Gi2_10376259_x11.....	gGucgauucccggaucggagc.....	1
Gi2_10390174_x11.....	uccgguguggCauaacggcua.....	1
Gi3_27183905_x11.....	uccNgugugguauaacggcuagca.....	1
Gi5_8421520_x11.....	guuuucacccaguagaCccg.....	1
Gi2_10381440_x11.....	uccggGgugguauaacggcuagc.....	1
Gi2_10383343_x11.....	ccggugugguaCaacggcua.....	1
Gi2_10382628_x11.....	uccggCgugguauaacggcuagcau.....	1
Gi5_8428527_x11.....	guucGaCucccggaucgg.....	1
Gi2_10393540_x11.....	ggauccgauucccggaucg.....	1
Gi2_10370154_x11.....	gguuuucacccaguagCuccg.....	1
Gi2_10388623_x11.....	uccggugugguauaacggcuagG.....	1
Gi5_8416724_x11.....	guCuucacccaguagaucgg.....	1
Gi5_8418099_x11.....	Ugugugguauaacggcuagc.....	1
Gi1_3911459_x11.....	ucUggugugguauaacggcuagcau.....	1
Gi1_3914011_x11.....	auccggguucgauucccggaucggag.....	0
Gi2_10372585_x11.....	uuuucGcccaguagaucgg.....	1
Gi2_10371705_x11.....	Cccggugugguauaacgg.....	1
Gi2_10391164_x11.....	uccgguguggCauaacggcuagcau.....	1
Gi5_8412478_x11.....	Cccggugugguauaacggc.....	1
Gi1_3907092_x11.....	uccggugugguauaacggcuCgca.....	1
Gi3_27164171_x11.....	cUgguucgauucccggaucgga.....	1
Gi5_8428670_x11.....	guuCucacccaguagaucgg.....	1
Gi2_10385653_x11.....	gGucgauucccggaucg.....	1
Gi5_8414117_x11.....	uccggugugguaCaacggcuagcau.....	1
Gi1_3908874_x11.....	gauucccggaucggagcC.....	1
Gi3_27151873_x11.....	guucgauucccggaucgagc.....	1
Gi5_8420794_x11.....	Guucacccaguagaucgg.....	1
Gi3_27164490_x11.....	Ugguucgauucccggaucg.....	1
Gi5_8414744_x11.....	uccggugugguGuaacggcuag.....	1
Gl1a_5605047_x11.....	uGcggugugguauaacggcuagc.....	1
Gi2_10378866_x11.....	gguuuucacccGguagaucgg.....	1
Gi1_3909193_x11.....	Accggugugguauaacggcuagc.....	1
Gi1_3913153_x11.....	gguccggugugguauaacggcuagcau.....	0
Gi2_10382771_x11.....	uccgguguAguauaacggcuagca.....	1
Gi1_3912570_x11.....	gguuuucacccaguagaucAg.....	1
Gi2_10377700_x11.....	uccggugugguauaacAgcuagcau.....	1
Gi3_27173433_x11.....	guucgauucccggaucggagcA.....	1
Gi5_8431134_x11.....	guuuucacccCguagaucgg.....	1
Gi5_8416064_x11.....	guuuucacccaguagGuccg.....	1
Gi5_8429517_x11.....	uccgUugugguauaacggcuagcau.....	1
Gi5_8428263_x11.....	uuGucacccaguagaucgg.....	1
Gi3_27144360_x11.....	aUaucggguucgauucc.....	1

Gi5_8423137_x11.....	uccggugugguauaGcggcuag.....	1
Gi4_518091_x11.....	gUuuuucacccaguagauccg.....	1
Gi2_10385675_x11.....	ccgguguggAauaacggcuagc.....	1
Gi3_27168582_x11.....	guucgauucccgAcaucgga.....	1
Gi1_3915034_x11.....	ccggugugNuauaacggcuagca.....	1
Gi5_8430210_x11.....	uccgUugugguauaacgg.....	1
Gi2_10405632_x10.....	uGcggugugguauaacggcu.....	1
Gi1_3928734_x10.....	uccggugCgguauaacgg.....	1
Gi1_3916524_x10.....	guuuucacccCguagauccg.....	1
Gi5_8448546_x10.....	uccggugugguauaacggcuCg.....	1
Gi5_8434646_x10.....	aguagauccggguucgauuccggc.....	0
Gi3_27230042_x10.....	uccggugGgguauaacggcuagca.....	1
Gi2_10426032_x10.....	gguuuucacccaguagauUg.....	1
Gi2_10414582_x10.....	aguagauccggguucgauuccggcaucgga.....	0
Gi3_27234472_x10.....	uccggugugguauaGcggcu.....	1
Gi3_27222892_x10.....	gguuuucacccaguagauccAg.....	1
Gi3_27225292_x10.....	uccggugugguauaacAg.....	1
Gi3_27219452_x10.....	uccggugCgguauaacgg.....	1
Gi5_8442576_x10.....	Uguucgauuccggcaucggag.....	1
Gi1_3921684_x10.....	uccggugCgguauaacggcuagca.....	1
Gi3_27233192_x10.....	uccggugugguauaacggcuCgcau.....	1
Gi3_27244172_x10.....	uccggugugguauaacgAc.....	1
Gi3_27227802_x10.....	uccggugugguauaacggcuagcU.....	1
Gi1_3923614_x10.....	Gccggugugguauaacggcu.....	1
Gi1_3926724_x10.....	uccgguguNguauaacggcuagcau.....	1
Gi3_27242012_x10.....	uccggugugguauGacgg.....	1
Gi2_10410302_x10.....	uccggGgugguauaacggcuagca.....	1
Gi3_27239772_x10.....	gguNuucacccaguagauccg.....	1
Gi2_10409592_x10.....	Uguucgauuccggcaucggag.....	1
Gi3_27242772_x10.....	uccggugGgguauaacggc.....	1
Gi2_10422442_x10.....	uccggugugguauaacggcC.....	1
Gi1_3923894_x10.....	gguuuucacccagCagauccg.....	1
Gi3_27212572_x10.....	uccgAugugguauaacggc.....	1
Gi3_27226742_x10.....	aUuagauccggguucgauucc.....	1
Gi2_10428022_x10.....	Uugugguauaacggcuagc.....	1
Gi3_27201992_x10.....	uccggugugguauUacggcuagc.....	1
Gi1_3919014_x10.....	gguuuucacccaguaAauccg.....	1
Gi3_27231582_x10.....	cgauuccNgcacggagc.....	1
Gi1_3924984_x10.....	uccggugugguauCacggcu.....	1
Gi5_8450956_x10.....	uccggugugguCaacggcuag.....	1
Gi5_8448026_x10.....	gguuAucacccaguagauccg.....	1
Gi2_10410772_x10.....	gguucgauuccggcGucgga.....	1
Gi1_3926854_x10.....	gguuuuUaccaguagauccg.....	1
Gi1_3928004_x10.....	uccggugugguauaacggUuagc.....	1
Gi3_27219282_x10.....	uccggugugguGuaacggcuag.....	1
Gi5_8433376_x10.....	uUcggugugguauaacggc.....	1
Gi2_10403642_x10.....	uuuucacccaguagGuccg.....	1

Gi2_10415922_x10	.....gGuuucacccaguagaucgg	1
Gi3_27200402_x10	.....uccggugugguauaacAgcuag	1
Gi1_3919064_x10	.....Accggugugguauaacggcuagca	1
Gi5_8432846_x10	.....gGuuucacccaguagauc	1
Gi5_8432046_x10	.....uccggugugguauaGcgg	1
Gi1_3918314_x10	.....gguuuucacAcaguagaucgg	1
Gi5_8451606_x10	.....gguuuucacccGguagaucgg	1
Gi5_8434246_x10	.....uccggugugguauaacggUuagcau	1
Gi5_8440126_x10	.....gGucgauucccggaucggga	1
Gi1_3922154_x10	.....gguucgauucccggauc	0
Gi5_8433106_x10	.....uccgUugugguauaacggcuagca	1
Gi3_27216002_x10	.....uccgCugugguauaacggcuagc	1
Gi2_10404432_x10	.....guucgauucccggaucggagcuA	1
Gi1_3921934_x10	.....gguuuucacccaguGgaucgg	1
Gi5_8449956_x10	.....uccggugugguauaacggcCag	1
Gi5_8433496_x10	.....guagaucggguucgauucccggaucggag	0
Gi5_8450516_x10	.....uccUgugugguauaacggcuagc	1
Gi2_10419712_x10	.....gguucgauucccggaucggagcuA	1
Gi3_27213972_x10	.....uccUgugugguauaacggcua	1
Gi1_3920364_x10	.....guuCucacccaguagaucgg	1
Gi3_27213202_x10	.....uUguuuucacccaguagaucgg	1
Gi3_27209772_x10	.....gguucgauucccggaCcg	1
Gi3_27208612_x10	.....gguuAucacccaguagaucgg	1
Gi5_8449666_x10	.....uGucacccaguagaucgg	1
Gi2_10405832_x10	.....uccggugugguauaGcggcua	1
Gi2_10401452_x10	.....guucgauucccggaCcg	1
Gi2_10400462_x10	.....uccggugugguauaaUggcuag	1
Gi1_3927604_x10	.....Ugugugguauaacggcuagcau	1
Gi5_8442156_x10	.....uccggugugguauaacAgcuagca	1
Gi3_27197972_x10	.....gguuuucacccaguagauc	1
Gi2_10417792_x10	.....Uguuuucacccaguagaucgg	1
Gi2_10429112_x10	.....uccggugugguauaCcgcuagc	1
Gi5_8439856_x10	.....uccggugugguauaacggcuUgc	1
Gi3_27192732_x10	.....uccAgugugguauaacggcuagcau	1
Gi3_27226722_x10	.....guucgauucccggaCcgagc	1
Gi1_3919204_x10	.....uccggCgugguauaacggcuagcau	1
Gi3_27240832_x10	.....uccggugugguauaGcgg	1
Gi1_3919514_x10	.....uccgAugugguauaacggcuag	1
Gi1_3924624_x10	.....uccggugugguauaacggcuagUa	1
Gi5_8442616_x10	.....Cccggugugguauaacggcuagcau	1
Gi3_27237092_x10	.....gguuuucacccCguagauc	1
Gi3_27209892_x10	.....Guucacccaguagaucgg	1
Gi1_3916624_x10	.....uccggugugguauaacgAcuagca	1
Gi5_8452156_x10	.....uuuucGcccaguagaucgg	1
Gi2_10422072_x10	.....uccggugugguauGacggcuagca	1
Gi2_10399592_x10	.....guucgaCucccggaucgg	1
Gi3_27268417_x9	.....uccggugugguauaacggcuGg	1

Gi2_10453944_x9.....Auucgauucccggaucgg..... 1
 Gi1_3939877_x9.....uccggugugguauaaUggcua..... 1
 Gi5_8474187_x9.....uuuucacccGguagaucgg..... 1
 Gi2_10458453_x9.....uccUgugugguauaacggcuagc..... 1
 Gi5_8472189_x9.....Uauccggguucgauucccggauc..... 1
 Gi1_3939382_x9.....gUgugguauaacggcuag..... 1
 Gl1a_5640790_x9.....Gccggugugguauaacggcua..... 1
 Gi5_8457780_x9.....guuuucacccaguGgaucgg..... 1
 Gi1_3931003_x9.....uccggugugguauaacggcuagcaugacugg..... 0
 Gi3_27301834_x9.....uUggguauaacggcuagc..... 1
 Gi3_27263404_x9.....uccggugugguCuaacggc..... 1
 Gi2_10446456_x9.....uccggugugguauCacggcua..... 1
 Gi3_27288460_x9.....gguuuucacccaguagaucggguucgauu..... 0
 Gi2_10438662_x9.....Cguuuucacccaguagaucgg..... 1
 Gi1_3940786_x9.....uuCucacccaguagaucgg..... 1
 Gi5_8471307_x9.....guucgauucccggaucAg..... 1
 Gi1_3941596_x9.....uccgguAugguauaacggcua..... 1
 Gi2_10444845_x9.....uccggugugguuaCaacggcuag..... 1
 Gi3_27279253_x9.....gguucgauNcccggauc..... 1
 Gi5_8453199_x9.....uccggugGgguauaacggcua..... 1
 Gi5_8453433_x9.....Cuuucacccaguagaucgg..... 1
 Gi5_8474556_x9.....uuuucaccNaguagaucgg..... 1
 Gi1_3940318_x9.....gCuuuucacccaguagaucgg..... 1
 Gi1_3940993_x9.....ugguuuucacccUguagaucgg..... 1
 Gi3_27304210_x9.....guucgGuucccggaucgg..... 1
 Gi3_27249823_x9.....uccgguAugguauaacgg..... 1
 Gi5_8456313_x9.....uccggugugguauaacggcuGg..... 1
 Gl1a_5635228_x9.....gguucgauucccggaucggagcC..... 1
 Gi5_8469363_x9.....guuuucGcccaguagaucgg..... 1
 Gi5_8469930_x9.....gguucgauucccggaCcgga..... 1
 Gi3_27251524_x9.....uccggugugguUuaacggcuagca..... 1
 Gi3_27256879_x9.....uccggugugguauaaUggcuag..... 1
 Gi3_27254422_x9.....gguuuucacccGguagaucgg..... 1
 Gi3_27274276_x9.....gguuuucacccaguagCuccgg..... 1
 Gi3_27304498_x9.....guuuucacccGguagaucgg..... 1
 Gi1_3929185_x9.....ucUggugugguauaacggc..... 1
 Gi3_27306298_x9.....guuuucacccaguGgaucgg..... 1
 Gi3_27253792_x9.....gguuuucacccagGagaucgg..... 1
 Gi1_3938401_x9.....uccggugugguCuaacggcuagc..... 1
 Gi1_3939337_x9.....uccggCgugguauaacggc..... 1
 Gi3_27287632_x9.....gGucgauucccggaucggagc..... 1
 Gi3_27281269_x9.....uccggugugguauaacggcAagc..... 1
 Gi1_3938338_x9.....uccggugGgguauaacggcuagc..... 1
 Gi1_3942046_x9.....uuucacccaguagaucgg..... 0
 Gi2_10461558_x9.....uccggugugguauaacggUuagc..... 1
 Gi2_10434945_x9.....guucgauucccggaucgUagc..... 1
 Gl1a_5643940_x9.....gguccggugugguauaacggcuagcaugacu..... 0

Gi3_27265357_x9.....gguuuucacccaguagaucU.....1
 Gi5_8464881_x9.....uuuucacccaguagGuccg.....1
 Gl1_5646667_x9.....gguuuucaNccaguagaucg.....1
 Gi3_27256465_x9.....gguuCucacccaguagaucgg.....1
 Gi5_8453235_x9.....guuuucacNcaguagaucgg.....1
 Gi5_8463450_x9.....uuCucacccaguagaucg.....1
 Gi5_8476185_x9.....gguuuucGcccaguagaucgg.....1
 Gi2_10445295_x9.....uccgguguggCauaacgg.....1
 Gi2_10456905_x9.....guuuucacccaguagaCccg.....1
 Gi1_3939652_x9.....guucgauuccUggcaucgg.....1
 Gi5_8463315_x9.....uuCucacccaguagaucgg.....1
 Gi5_8469993_x9.....uccggugugguauaacggcCagcau.....1
 Gi5_8458446_x9.....uccggugugguauaacggcuGgcau.....1
 Gi1_3937339_x9.....uccggugugguauaGcgg.....1
 Gi2_10445250_x9.....guucgauuccAgcaucgg.....1
 Gi1_3931912_x9.....uccgguguggCauaacggcuagcau.....1
 Gi3_27296569_x9.....uccggugugguauCacggcuag.....1
 Gi3_27302806_x9.....guucgauuccggUaucgg.....1
 Gi5_8464215_x9.....Ggguuuucacccaguagauc.....1
 Gl1_5637514_x9.....Guuucacccaguagaucg.....1
 Gi3_27258238_x9.....gguuuucacccaguagaCccgg.....1
 Gi5_8461479_x9.....Accggugugguauaacggcua.....1
 Gi1_3933469_x9.....uccggugugguauaacggcuC.....1
 Gl1_5639476_x9.....uGcggugugguauaacggcuag.....1
 Gi5_8456970_x9.....gUuucgauuccggcaucgga.....1
 Gi3_27287695_x9.....Guucacccaguagaucgg.....1
 Gi3_27261946_x9.....uccggugugguaAaacggcuagc.....1
 Gi1_3935098_x9.....uccgguguAguauaacggc.....1
 Gi2_10446861_x9.....uccggugugguauaacggAcuagca.....1
 Gi5_8454999_x9.....uccggugugguauaacggcuCgcau.....1
 Gi5_8463459_x9.....Ggguuuucacccaguagaucgg.....1
 Gi3_27294481_x9.....uccggugugguauaCcgguagca.....1
 Gi3_27278245_x9.....Cccggugugguauaacggcu.....1
 Gi3_27272746_x9.....uuuucacccaguagaucA.....1
 Gi3_27255178_x9.....guGuucacccaguagaucgg.....1
 Gi2_10460469_x9.....uUcggugugguauaacggcuagcau.....1
 Gi3_27254485_x9.....uccggugugguauaacUgcuagc.....1
 Gi4_522063_x9.....uccggugugguauaacggcua.....0
 Gi2_10446573_x9.....uccggugugguauaacggcuGgca.....1
 Gi3_27301231_x9.....ugguuCucacccaguagaucg.....1
 Gi5_8471181_x9.....uccggugugguauaacggAuagc.....1
 Gi1_3937501_x9.....uccggugugguauaacggcuCg.....1
 Gi2_10431345_x9.....uccggugugguauaacggcAagc.....1
 Gi2_10438842_x9.....guucgauuccggcGucgga.....1
 Gi3_27278344_x9.....ucAggugugguauaacggc.....1
 Gi1_3928861_x9.....gUugugguauaacggcuagcau.....1
 Gi2_10433640_x9.....guuuucacccaguagaucUg.....1

Gi4_521514_x9uccggugugguauaacggcuag..... 0
 Gi3_27252964_x9uccggugugguauaUcggcua..... 1
 Gi5_8458275_x9uCuucacccaguagauccg..... 1
 Gi5_8466132_x9gUuuuucacccaguagaucc..... 1
 Gi3_27302266_x9guucgauucccAgcaucgg..... 1
 Gi1_3935818_x9uccggugugAuauaacggcuag..... 1
 Gi5_8454072_x9Ggauccggguucgauuccc..... 1
 Gi5_8486185_x8cUgugugguauaacggcuag..... 1
 Gi5_8491033_x8gguuuucaGccaguagauccg..... 1
 Gi5_8497337_x8gguuCucacccaguagauccgg..... 1
 Gi3_27324073_x8uUcggugugguauaacggcu..... 1
 Gi1_3944693_x8uccggugugguCuaacggcua..... 1
 Gi2_10490266_x8gUUUCcaccaguagauccg..... 1
 Gl1a_5655593_x8gguuuucacccaguagGuccg..... 1
 Gi1_3954949_x8gguuuucacccaguagauUcg..... 1
 Gi5_8483777_x8guucgauuccUggcaucgg..... 1
 Gi2_10496546_x8uccAgugugguauaacggcuagca..... 1
 Gl1a_5667801_x8gUuucgauucccggcaucgg..... 1
 Gi2_10474618_x8uccggugugguauCacggc..... 1
 Gi5_8498697_x8uccgguguggCauaacggcuagca..... 1
 Gi3_27321633_x8Gcggugugguauaacggcua..... 1
 Gi2_10462258_x8uuuucacccaguGgauccg..... 1
 Gl1a_5656617_x8Uugguauaacggcuagca..... 1
 Gi5_8493737_x8gUgugugguauaacggcuag..... 1
 Gi3_27335081_x8uCuucacccaguagauccg..... 1
 Gi5_8477737_x8Cuuucacccaguagauccgg..... 1
 Gi1_3944389_x8uccggugugguauaaUggcuagca..... 1
 Gi3_27313137_x8gguucgauNccggcaucg..... 1
 Gl1a_5660905_x8Gccggugugguauaacggc..... 1
 Gi5_8478065_x8gguCuucacccaguagauccgg..... 1
 Gi4_524304_x8Gccggugugguauaacggcuagc..... 1
 Gi5_8478849_x8uccggugugguauaacgAcua..... 1
 Gi2_10495498_x8uccgguguAguauaacggc..... 1
 Gi2_10495458_x8uccgguguAguauaacgg..... 1
 Gi5_8487889_x8uccggugugguauaUcggcuagc..... 1
 Gi2_10489906_x8guucgauucccgAcaucgga..... 1
 Gi3_27346649_x8gguuuucaGccaguagauccg..... 1
 Gl1a_5657329_x8Uuucgauucccggcaucgg..... 1
 Gi3_27309409_x8gUUUcaccUaguagauccgg..... 1
 Gi5_8482841_x8Gccggugugguauaacggcuagcaugacu..... 1
 Gi2_10466554_x8Auuuucacccaguagauccg..... 1
 Gi5_8484057_x8caguagauccggguucgauucccggcaucgg..... 0
 Gi3_27356633_x8Cuuuucacccaguagauccg..... 1
 Gi3_27352025_x8ucUggugugguauaacggcu..... 1
 Gi5_8482897_x8gguuuCcaccaguagauccgg..... 1
 Gi3_27310985_x8gUuccggugugguauaacggcua..... 1
 Gi5_8490449_x8gguuuucacccaguagauccAg..... 1

Gi5_8491809_x8.....uccggugugguauaacgCcuagc..... 1
Gi5_8493905_x8.....uccggugugguauaacggcCagca..... 1
Gi3_27312593_x8.....uccggugugguauaCgggc..... 1
Gi3_27350049_x8.....uccggugugguauaCgggcuag..... 1
Gi5_8489969_x8.....gCuucacccaguagaucgg..... 1
Gi3_27310353_x8.....ggGuucacccaguagaucgg..... 1
Gi5_8491553_x8.....Auucgauucccggaucgg..... 1
Gi5_8481985_x8.....uccggugugguauaGcggc..... 1
Gi1_3946717_x8.....gguuuAcacccaguagaucgg..... 1
Gi1_3946565_x8.....gCuucacccaguagaucgg..... 1
Gi1_3947949_x8.....uccggAgugguauaacggcua..... 1
G1a_5661225_x8.....gguuuaccccCguagaucgg..... 1
Gi2_10485818_x8.....uccggugugguauaacggcuG..... 1
Gi3_27359553_x8.....guuuucacccaguagaucAg..... 1
Gi3_27376817_x8.....Auucgauucccggaucgg..... 1
Gi5_8494609_x8.....gguucgauucccggcGuc..... 1
Gi2_10487762_x8.....gGucgauucccggaucggag..... 1
Gi5_8496977_x8.....uccggugugguauaacAgc..... 1
Gi3_27339377_x8.....guucgaCucccggaucgga..... 1
Gi3_27364681_x8.....uccggugugguauaacAgcuagcau..... 1
G1a_5675073_x8.....Gccggugugguauaacggcuagcau..... 1
Gi2_10489266_x8.....uccggugugguauaacggU..... 1
Gi3_27363137_x8.....guuuucacUcaguagaucgg..... 1
Gi5_8476993_x8.....agaucgggNuucgauuccc..... 1
Gi2_10478834_x8.....uccggugugAuauaacggcuagca..... 1
Gi2_10478210_x8.....uccggAgugguauaacggc..... 1
Gi3_27373513_x8.....uccggugugguauaacggcuU..... 1
Gi3_27368169_x8.....guuuucacccaguCgaucgg..... 1
Gi5_8488297_x8.....guuuucacccCguagaucgg..... 1
Gi1_3942181_x8.....uccggugugguauaacggUuagca..... 1
Gi5_8481465_x8.....uccAgugugguauaacggcuag..... 1
Gi1_3949301_x8.....gguuuucacccaguagauccA..... 1
Gi1_3956789_x8.....uccggugugguauaacggcCagcau..... 1
Gi3_27355921_x8.....uccggugugguauaacggcuC..... 1
Gi3_27329745_x8.....uccgguguNguauaacggcu..... 1
Gi1_3952965_x8.....uccggugugguauCacggcuagca..... 1
Gi2_10496250_x8.....Cccggugugguauaacggcuag..... 1
Gi2_10478538_x8.....gGuucacccaguagauc..... 1
Gi1_3948501_x8.....guuuucGcccaguagaucgg..... 1
Gi1_3949805_x8.....gAuuuucacccaguagaucgg..... 1
Gi5_8482641_x8.....uccggugugguauaacggcuCgca..... 1
Gi3_27355161_x8.....uuuucaccNaguagaucgg..... 1
Gi5_8489513_x8.....gguuuUacccaguagaucgg..... 1
Gi2_10488730_x8.....gguucgauucccggaCcg..... 1
Gi3_27317593_x8.....uccggugGguauaacggcuagcau..... 1
Gi1_3943773_x8.....Uuucgauucccggaucg..... 1
Gi2_10469842_x8.....uccggugugguauaGcggcuagcau..... 1

Gi5_8498705_x8.....uccggugCgguauaacggcuagca..... 1
Gi3_27347489_x8.....ggAuucacccaguagaucgg..... 1
Gi1_3954477_x8.....uccggugGgguauaacggcuag..... 1
Gi3_27362217_x8.....Auuucacccaguagaucgg..... 1
Gi2_10466722_x8.....uccggugugguUuaacggcuagc..... 1
Gi5_8480993_x8.....uccggugugguCuaacggcuag..... 1
Gi3_27354425_x8.....cUauucccggaucggagcucuu..... 1
Gi5_8481217_x8.....uccggugugguauGacgg..... 1
Gi2_10466082_x8.....gguucgauucccggcGucg..... 1
Gi3_27348049_x8.....guucgauCcccggaucgg..... 1
Gi2_10471714_x8.....uccggugugguauGcggcuag..... 1
Gi5_8495353_x8.....gguuuucacccagAagaucgg..... 1
Gi5_8493241_x8.....uccggugugAuauaacggcua..... 1
Gi5_8502385_x8.....gguuuucacccaguagaucGg..... 1
Gi5_8498161_x8.....uccggugugguauaacggcuagAau..... 1
Gi3_27361049_x8.....gguuuCcaccaguagauc..... 1
Gi1_3957037_x8.....uccgguguggCauaacgg..... 1
Gi2_10486418_x8.....gguuuucacccUguagaucgg..... 1
Gi2_10469978_x8.....uccggugugguGuaacggcuag..... 1
Gi2_10466002_x8.....gUguucgauucccggaucggag..... 1
Gi3_27377193_x8.....uuuucacccaguagaucUg..... 1
Gi5_8484785_x8.....uuuucaccNaguagaucgg..... 1
Gi3_27355305_x8.....guucgauuccUggcaucgg..... 1
Gi2_10494178_x8.....gguucgauucccggaCcgag..... 1
Gi5_8493593_x8.....gguucgauucccggcGucgga..... 1
Gi1a_5667857_x8.....Uguucgauucccggaucg..... 1
Gi5_8486849_x8.....uccggugugguauaacggcuagG..... 1
Gi1_3942509_x8.....gguuuucaUccaguagaucgg..... 1
Gi3_27357521_x8.....guucgauuNccggcaucgg..... 1
Gi1_3945269_x8.....gguuuaccccUguagaucgg..... 1
Gi1_3973733_x7.....uccggugAgguauaacggcuag..... 1
Gi3_27390067_x7.....gUuuucacccaguagau..... 1
Gi2_10538646_x7.....Aguucgauucccggauc..... 1
Gi1_3960468_x7.....Gcggugugguauaacggcuagcau..... 1
Gi5_8517690_x7.....Cccggugugguauaacgg..... 1
Gi1_3967776_x7.....guuuucacccaguagaucAg..... 1
Gi5_8523178_x7.....guuuucacccaguagaucUg..... 1
Gi2_10523393_x7.....uccggGgugguauaacggcua..... 1
Gi5_8504698_x7.....uccggAgugguauaacggcuagcau..... 1
Gi3_27445255_x7.....uccggGgugguauaacgg..... 1
Gi1_3966404_x7.....gguuuucacccaguagGuccgg..... 1
Gi3_27455867_x7.....uccggugugguauaacggAuagc..... 1
Gi3_27441139_x7.....Gcggugugguauaacggcuagc..... 1
Gi2_10539780_x7.....uuuCcaccaguagaucgg..... 1
Gi3_27457036_x7.....uccggugugguauaacggcAa..... 1
Gi5_8515233_x7.....uggCuucacccaguagaucgg..... 1
Gi5_8520070_x7.....guGuucacccaguagaucgg..... 1

Gi5_8513861_x7.....uccggugGgguauaacggcuagcau..... 1
 Gi1_3969463_x7.....uccggugugAuuaaacggcua..... 1
 Gi3_27426012_x7.....uuuAcacccaguagaucgg..... 1
 Gi5_8510550_x7.....guuCucacccaguagaucgg..... 1
 Gi1_3968854_x7.....guuuucacNcaguagaucgg..... 1
 Gl1a_5679944_x7.....Gccggguucgauucccgga..... 1
 Gi3_27379581_x7.....gguucgauucccggcGuc..... 1
 Gi3_27424598_x7.....uccgUugugguauaacggcuagcau..... 1
 Gi2_10506887_x7.....guucgauucccggaucAg..... 1
 Gi3_27379336_x7.....Cgguuucacccaguagaucgg..... 1
 Gi5_8519160_x7.....uccgguguggAuaaacggcuagc..... 1
 Gi3_27422435_x7.....guAuucacccaguagaucgg..... 1
 Gi5_8523332_x7.....uccggugugguauCacggcuag..... 1
 Gi3_27412054_x7.....cUgugugguauaacggcuagcau..... 1
 Gi5_8523164_x7.....Auuuucacccaguagaucgg..... 1
 Gi2_10510471_x7.....uCuucacccaguagaucgg..... 1
 Gi5_8502927_x7.....uccggugugguGuaaacggcuagcau..... 1
 Gi1_3960664_x7.....guuuucacccaguagaucAg..... 1
 Gi5_8523612_x7.....gguuuucacccaguagaucU..... 1
 Gi3_27380568_x7.....gguuuucacccaguagaucggC..... 1
 Gi5_8518243_x7.....uuuCcacccaguagaucgg..... 1
 Gi1_3970359_x7.....Accggugugguauaacggcua..... 1
 Gi5_8530465_x7.....uccggugugguauaacggcuagcGu..... 1
 Gi2_10536112_x7.....uccggugCgguauaacgg..... 1
 Gi5_8524669_x7.....guAuucacccaguagaucgg..... 1
 Gi2_10506131_x7.....uccggugugguauaacggcCag..... 1
 Gi1_3964563_x7.....gguuuucacccaguagUuccg..... 1
 Gi5_8528078_x7.....gguuuucacccaguagaAccg..... 1
 Gi1_3962939_x7.....gguuuucCcccaguagaucgg..... 1
 Gi3_27411928_x7.....gguuuucacccaguagaucggA..... 1
 Gi3_27393441_x7.....Cuucgauucccggaucgga..... 1
 Gi1_3974286_x7.....guuuCcacccaguagaucgg..... 1
 Gi2_10537169_x7.....Accggugugguauaacggc..... 1
 Gi5_8521316_x7.....gguuuucCcccaguagaucgg..... 1
 Gi5_8520749_x7.....Ggguuuucacccaguagauc..... 1
 Gi5_8517354_x7.....Auuuucacccaguagaucgg..... 1
 Gi3_27447488_x7.....uuuucacccaguagaucUgg..... 1
 Gi1_3966432_x7.....gguuuucacUcaguagaucgg..... 1
 Gi1_3964416_x7.....Cuucacccaguagaucgg..... 1
 Gi5_8521974_x7.....uuGucacccaguagaucgg..... 1
 Gi5_8521932_x7.....uCuucacccaguagaucgg..... 1
 Gi5_8508520_x7.....guucgauCcccggcaucgg..... 1
 Gi3_27397291_x7.....uccggugugguauaaAgggcua..... 1
 Gi3_27390088_x7.....uccggugugguauaacggcuaAcau..... 1
 Gi3_27447047_x7.....ggugugguNuaaacggcua..... 1
 Gi5_8507337_x7.....uccgguguggCauaacgg..... 1
 Gi2_10523645_x7.....Gucacccaguagaucgg..... 1

Gi5_8514484_x7.....gguucgauucccggaCcg..... 1
 Gi3_27439242_x7.....aguagaucggguucgauucccggaucgga..... 0
 Gi2_10499586_x7.....gguucgauucccggaGucggag..... 1
 Gi3_27455489_x7.....uccggugAgguauaacggcuagca..... 1
 Gi3_27381107_x7.....gguucgauucccggaGucgg..... 1
 Gl1a_5682051_x7.....uccggCgugguauaacggcua..... 1
 Gi3_27439361_x7.....uccCgugugguauaacggcuagc..... 1
 Gi5_8516920_x7.....uccggugugguauaacgAcuagca..... 1
 Gi3_27451730_x7.....uguuuuacccaguagaCc..... 1
 Gi1_3968399_x7.....uccgguguNguauaacggc..... 1
 Gi2_10522896_x7.....uccAgugugguauaacggcua..... 1
 Gi3_27393581_x7.....uccggugugguauCacggcuagca..... 1
 Gi3_27426159_x7.....uuCucaccaguagaucgg..... 1
 Gi1_3965130_x7.....Accggugugguauaacggcuag..... 1
 Gi2_10511976_x7.....uUugguauaacggcuagc..... 1
 Gi3_27389549_x7.....guuuucaccaguagaucAgg..... 1
 Gi2_10527425_x7.....Accggugugguauaacggcuag..... 1
 Gi1_3968602_x7.....guCcgauucccggaucgga..... 1
 Gi5_8506154_x7.....gguuuucaccUaguagaucgg..... 1
 Gi1_3968182_x7.....Cccggugugguauaacggcuagca..... 1
 Gi3_27416030_x7.....guuuucaUccaguagaucgg..... 1
 Gi2_10515511_x7.....Gcggugugguauaacggcua..... 1
 Gi2_10532276_x7.....uccggugugguauaacggcuGg..... 1
 Gi3_27411557_x7.....gGucgauucccggaucggag..... 1
 Gi3_27432921_x7.....uccUgugugguauaacggcuagca..... 1
 Gi3_27407581_x7.....guuuucaUccaguagaucgg..... 1
 Gi5_8524732_x7.....ugguuuacccaguagaucUg..... 1
 Gi1_3971507_x7.....Auucgauucccggaucgga..... 1
 Gi1_3972200_x7.....ccggugugNuauaacggcuagca..... 1
 Gi5_8507666_x7.....Uguccggugugguauaacggcuagc..... 1
 Gi2_10501112_x7.....uccggAgugguauaacgg..... 1
 Gi5_8520546_x7.....uccggugugguauaacggcuaA..... 1
 Gi2_10512704_x7.....guuuucaccaguGgaucgg..... 1
 Gi2_10539941_x7.....uUcggugugguauaacggcuag..... 1
 Gi3_27401757_x7.....uccgguguggGauaacggcuagca..... 1
 Gi2_10535895_x7.....Cccggugugguauaacggcuagca..... 1
 Gi2_10527838_x7.....uccggugugguauUcggcuagc..... 1
 Gi5_8506336_x7.....uuuucacUcaguagaucgg..... 1
 Gi3_27455965_x7.....uccggugugguauaacgCcuagc..... 1
 Gi5_8529562_x7.....uccggugCgguauaacggc..... 1
 Gi3_27406090_x7.....guuuucaccaguagaucAgg..... 1
 Gi3_27448006_x7.....gguuuucaccaguagCuc..... 1
 Gi3_27412460_x7.....gguuuucaccagCagauc..... 1
 Gi5_8515030_x7.....cgguguggNuauaacggcuagc..... 1
 Gl1a_5682940_x7.....ucUggugugguauaacggcuagc..... 1
 Gl1a_5682219_x7.....gUuuuuacccaguagauc..... 1
 Gi3_27451779_x7.....ccggugugNuauaacggcua..... 1

Gi3_27380841_x7.....uccgCugugguauaacggcua.....1
Gi3_27431143_x7.....gUguucgauucccggaucg.....1
Gi1_3958641_x7.....gguucgauucccggaCcgagc.....1
Gi1_3967923_x7.....gguucgauuccAgcaucgg.....1
Gi3_27426341_x7.....uccggugugguauaUcggcuagca.....1
Gi3_27418620_x7.....uccggugugggGauaacggcua.....1
Gi3_27385573_x7.....gguuuucacccaguagauAgg.....1
Gi5_8525376_x7.....uccgguguNguauaacgg.....1
Gi3_27450792_x7.....uuuucacccagCagauccgg.....1
Gi3_27448391_x7.....guuuuUacccaguagaucgg.....1
Gi2_10504094_x7.....uccggugugguauaacgAc.....1
Gi3_27433537_x7.....gguuuuGacccaguagaucgg.....1
Gi2_10537435_x7.....uccggugugguauaacgA.....1
Gi5_8524291_x7.....gUugugguauaacggcuagc.....1
Gi1_3960391_x7.....uccggugugguauaacggUua.....1
Gi2_10537470_x7.....gguuuucacccaguagaCccg.....1
Gi5_8522961_x7.....uccggugugggGauaacggcuagc.....1
G1a_5693783_x7.....ggCuucacccaguagaucgg.....1
Gi1_3961322_x7.....uccggugugggGauaacggcuagc.....1
Gi3_27408281_x7.....ugguuuucacccaguagGuc.....1
Gi3_27447341_x7.....gguucgauuccUgcaucgga.....1
Gi2_10537043_x7.....gUuucgauucccggaucggag.....1
Gi3_27411830_x7.....uAguuuucacccaguagaucgg.....1
Gi3_27452794_x7.....gguuuucacAcaguagaucgg.....1
G1a_5680623_x7.....Uguucgauucccggauc.....1
Gi3_27395044_x7.....uccggugGguauaacggcua.....1
Gi3_27389213_x7.....uccAgugugguauaacgg.....1
Gi3_27399454_x7.....Guccggguucgauucccgga.....1
Gi5_8542243_x6.....ccggugugguGuaaacggcua.....1
Gi3_27463798_x6.....gguucgauucccggaUaucgga.....1
Gi2_10584929_x6.....gAuuuucacccaguagaucgg.....1
Gi3_27493576_x6.....uAcggugugguauaacggcuagc.....1
Gi5_8546875_x6.....uccggGgugguauaacggcua.....1
Gi5_8535853_x6.....gguucgauNcccggauc.....1
Gi2_10549505_x6.....uccggUaugguauaacggcuagca.....1
Gi2_10552751_x6.....gguucgauuccUggcaucgga.....1
Gi3_27484108_x6.....uccggugugguCaacgg.....1
Gi3_27521134_x6.....Agugugguauaacggcua.....1
Gi1_3975259_x6.....gguuuacacccaguagauUcg.....1
Gi3_27467668_x6.....gguucgauNcccggaucgga.....1
Gi3_27524002_x6.....gguucgauucccggcCucgg.....1
Gi3_27511738_x6.....gguucgauucccggaCcg.....1
Gi5_8558167_x6.....gguuuucacccagGagauccg.....1
Gi3_27524356_x6.....uccggugGguauaacggcuag.....1
Gi1_3989971_x6.....uccggugugguauaacggcuagG.....1
Gi5_8552689_x6.....gguuuucacccaguagauGcg.....1
Gi1_3979321_x6.....guCuucacccaguagaucgg.....1

Gi1_3981031_x6.....uccggugugguauaacAgcuagcau..... 1
 Gi2_10580795_x6.....uccggugugguauaacggcuaCc..... 1
 Gl1a_5724166_x6.....uccgguguNguauaacggcuagc..... 1
 Gi3_27499684_x6.....gguuuucacccagAagaucgg..... 1
 Gi3_27525508_x6.....gguuuucaccUaguagauc..... 1
 Gi3_27465334_x6.....ugguuuucGcccaguagaucgg..... 1
 Gi2_10588115_x6.....uccggugugguauaacggcuGgc au..... 1
 Gi2_10549553_x6.....uccggugugguauCacggcuag..... 1
 Gi5_8562007_x6.....uccgguguggCauaacggcuag..... 1
 Gi3_27545188_x6.....Agguuuuucacccaguagaucgg..... 1
 Gi1_3982135_x6.....uccgguguggCauaacggc..... 1
 Gi5_8557141_x6.....uccAgugugguauaacggcuagcau..... 1
 Gi2_10581857_x6.....gguuuucacUcaguagaucgg..... 1
 Gi5_8554411_x6.....guuuuucacccaguaAaucgg..... 1
 Gi1_3978631_x6.....Gucacccaguagaucgg..... 1
 Gi3_27463600_x6.....Cguuuuucacccaguagauc..... 1
 Gi2_10570541_x6.....uccggugugguauaacAgcua..... 1
 Gl1a_5711200_x6.....gguucgauucccggcUucgga..... 1
 Gi3_27469624_x6.....Gagauccggguucgauucc..... 1
 Gi3_27515974_x6.....guuuuucacccaguaAaucgg..... 1
 Gi3_27476962_x6.....Cuucgauucccggaucgg..... 1
 Gi3_27467950_x6.....gguuuucacccaguagauGcg..... 1
 Gi3_27487714_x6.....uccgguguggAauaacggcua..... 1
 Gi3_27507514_x6.....ugguuuucacccaguagauccA..... 1
 Gi1_3982495_x6.....cUggugugguauaacggcua..... 1
 Gi3_27468574_x6.....auucccggaucggagcCc..... 1
 Gi1_3979603_x6.....uuuuUaccaguagaucgg..... 1
 Gi2_10543049_x6.....Ugguucgauucccggaucggag..... 1
 Gi5_8548093_x6.....guucgauucccggaCcgga..... 1
 Gi3_27472360_x6.....uuuucaccNaguagaucgg..... 1
 Gi5_8537005_x6.....gguccggugugguauaacggcua..... 0
 Gi2_10590443_x6.....uccgAugugguauaacggc..... 1
 Gi2_10547111_x6.....gguucgGuucccggaucgg..... 1
 Gi3_27511798_x6.....guucgauucccggcGucggag..... 1
 Gi2_10567103_x6.....guuuuucacccaguagauUcg..... 1
 Gi1_3979681_x6.....guuuuucacccaguagauccA..... 1
 Gi2_10562753_x6.....ugguuuucNcccaguagaucgg..... 1
 Gi3_27486940_x6.....uuuucacccaguagauAccg..... 1
 Gi1_3984235_x6.....uccggugugguauaacggcuagcauU..... 1
 Gi1_3981823_x6.....uuuucacccaguagGuuccgg..... 1
 Gl1a_5724892_x6.....gguuuucacccaguGgauccg..... 1
 Gi3_27480652_x6.....uccggugugguauaacggcuCg..... 1
 Gi3_27510892_x6.....guuCucacccaguagaucgg..... 1
 Gi2_10569701_x6.....gguucgauucccggaCcg..... 1
 Gi3_27523618_x6.....uccggugCgguauaacggcu..... 1
 Gi1_3992887_x6.....uccggugugguauaacUgc..... 1
 Gl1a_5730178_x6.....gguuuucacccGguagaucgg..... 1

Gi5_8557345_x6.....uccggugugguauaacggcAagc..... 1
Gi2_10579079_x6.....uccggugugguauaUcggcuagcau..... 1
Gi3_27539002_x6..... .gguucgauucccggcaucggagcA..... 1
Gi2_10546397_x6.....uccggugCgguauaacggcuag..... 1
Gi3_27535306_x6.....uccggugugguauaacgAcuag..... 1
Gi1_3977815_x6..... .guuuucacccagCagaucgg..... 1
G1a_5709598_x6.....Cccggugugguauaacggcuagc..... 1
Gi3_27523156_x6..... .guGuucacccaguagaucgg..... 1
Gi5_8550685_x6..... .ucUggguucgauucccggc..... 1
Gi1_3986095_x6..... .uuuucacccaguagGuccg..... 1
Gi3_27470722_x6..... .gguucgauuccUggcaucg..... 1
Gi2_10585103_x6..... .uccggugugguauaacggUuagca..... 1
Gi3_27468742_x6..... .guuuucacUcaguagaucgg..... 1
Gi1_3986239_x6..... .guuuucacccaguGgaucgg..... 1
Gi5_8558929_x6..... .uccggAgugguauaacggcuagca..... 1
Gi1_3976639_x6..... .uccggCgugguauaacggcu..... 1
Gi2_10582565_x6..... .uccggugugguCuaacgg..... 1
Gi1_3979927_x6..... .uccggGgugguauaacggcua..... 1
Gi3_27485086_x6..... .uccggugAgguauaacgg..... 1
Gi5_8562361_x6..... .gguuuucacccaguUgaucgg..... 1
Gi3_27479674_x6..... .cUauucccggcaucggag..... 1
Gi5_8554399_x6..... .guuuCcaccaguagaucgg..... 1
Gi1_3991069_x6..... .Cccggugugguauaacgg..... 1
Gi3_27534748_x6..... .uccgguguggCauaacggcuag..... 1
Gi3_27461734_x6..... .uccggugugguauaacggcuagcUu..... 1
Gi2_10552205_x6..... .uccggugugAuauaacggc..... 1
Gi3_27527998_x6..... .guuuucacccaguagaCccg..... 1
Gi2_10547945_x6..... .uccggAgugguauaacggcua..... 1
Gi3_27526060_x6..... .uuuucacccaguagGuccg..... 1
Gi2_10556015_x6..... .guucgauucccggcaCcgag..... 1
Gi2_10572419_x6..... .uccggugugguauaaGggcuagc..... 1
Gi2_10547795_x6..... .uccggugugguauaacggcCagcau..... 1
G1a_5731144_x6..... .uggCuuucacccaguagaucgg..... 1
Gi5_8547517_x6..... .guCuucacccaguagaucgg..... 1
Gi3_27519736_x6..... .Gguagaucggguucgauucc..... 1
Gi2_10548581_x6..... .gUuuuucacccaguagaucgg..... 1
Gi3_27459436_x6..... .uccggugugguUuaacggcuagcau..... 1
Gi2_10563023_x6..... .uuAucacccaguagaucgg..... 1
Gi3_27495112_x6..... .uccggAgugguauaacggcu..... 1
Gi5_8554135_x6..... .uccggugAgguauaacggcua..... 1
Gi1_3985747_x6..... .uccggAgugguauaacggcuagca..... 1
Gi3_27530842_x6..... .uccggugugguUuaacggc..... 1
Gi2_10564853_x6..... .guuuucacccaguagaucg..... 1
Gi2_10565207_x6..... .guucgauuccUggcaucgg..... 1
G1a_5708938_x6..... .uccggugugguauaacgAcuagc..... 1
Gi3_27502354_x6..... .uccAgugugguauaacggcu..... 1
Gi1_3992899_x6..... .uccgguguAguauaacggcuagc..... 1

Gi5_8542423_x6.....gguuuucacAcaguagaucgg..... 1
Gi3_27468442_x6.....cAauucccggaucggagc..... 1
Gi2_10559387_x6.....uccgguguNguauaacggcu..... 1
Gi2_10557527_x6.....gguuuucacccaguagaucCA..... 1
Gi3_27461056_x6.....uccggugugguauaacggcuUgca..... 1
Gi3_27524638_x6.....gGagaucggguucgauucc..... 1
Gi3_27539152_x6.....cGggugugguauaacggcuagc..... 1
Gi2_10543439_x6.....gguucgauNcccggcaucgg..... 1
Gi3_27497434_x6.....uccgguguggCauaacgg..... 1
Gi5_8538715_x6.....uccggugugguauGacggcuag..... 1
Gi1_3981247_x6.....uccggugugguauaacggcuAca..... 1
Gi2_10586093_x6.....gguucgauucccggaucAg..... 1
Gi1_3993481_x6.....guucgauucccggcGucg..... 1
Gi1_3976021_x6.....uuuucaccGguagaucgg..... 1
Gi2_10549949_x6.....ucAggugugguauaacggcuagca..... 1
Gi2_10543565_x6.....uccggugugguauaacggcuagGa..... 1
Gi2_10559813_x6.....gguuuucacAcaguagaucgg..... 1
Gi5_8552179_x6.....Ugugugguauaacggcuagca..... 1
Gi5_8536975_x6.....uccggugugguauaacggcuAca..... 1
Gi5_8557405_x6.....uccggugugguauaacggUuag..... 1
G1a_5731798_x6.....Aguuuucacccaguagaucgg..... 1
Gi1_3979003_x6.....gguuuucacccaguagaucggguucgau..... 0
Gi3_27540994_x6.....gguuuucacccaguagCuccgg..... 1
Gi2_10589735_x6.....uuuucaccNaguagaucgg..... 1
Gi2_10545881_x6.....guucgauucccggcGucg..... 1
Gi5_8533873_x6.....Gccggugugguauaacggcuagcaugac..... 1
Gi2_10578713_x6.....Gagaucggguucgauucc..... 1
Gi5_8551843_x6.....uccggugugguauaacggcuC..... 1
Gi3_27506386_x6.....Accggugugguauaacggcuagcau..... 1
Gi5_8560279_x6.....uccgAugugguauaacggcuagcau..... 1
Gi3_27458770_x6.....uccggugugguauaacggcuCc..... 1
Gi2_10573109_x6.....gguuuAcacccaguagaucgg..... 1
Gi5_8544379_x6.....uccggugugguauGacggcuagca..... 1
Gi3_27520060_x6.....uccggugugguauaaAggcuagc..... 1
Gi1_3982609_x6.....uccggugugguUuaaacggcuag..... 1
Gi2_10543865_x6.....gUguucgauucccggaucggagc..... 1
Gi2_10571729_x6.....uccggugugguaCaacggcuagcau..... 1
Gi3_27520120_x6.....uccggugugAuauaacggcuagca..... 1
Gi3_27504508_x6.....gguuuucCcccaguagauc..... 1
Gi2_10581059_x6.....gguucgauucccggcCuc..... 1
Gi3_27488770_x6.....uuuucaccGguagaucgg..... 1
Gi5_8549275_x6.....gguuuucaccGguagaucgg..... 1
Gi5_8562817_x6.....uccgAugugguauaacggcuagca..... 1
Gi2_10544921_x6.....uGucacccaguagaucgg..... 1
Gi1_3992161_x6.....guucgauucccggaCcgga..... 1
Gi3_27486028_x6.....uccgguguggAuaaacggcuagc..... 1
Gi2_10554935_x6.....uccgCugugguauaacggcuagc..... 1

Gi5_8541337_x6.....uAcgggugugguauaacggcua..... 1
 Gi2_10553873_x6.....Ugguucgauucccggaucggagc..... 1
 Gi2_10550405_x6.....uccggugugguauaacggcuagcaC..... 1
 Gi5_8535829_x6.....uUugguauaacggcuagc..... 1
 Gi2_10546529_x6.....gguucgauNcccggauc..... 1
 Gi3_27494878_x6.....uccggugAgguauaacggc..... 1
 Gi2_10587143_x6.....Gcggugugguauaacggc..... 1
 Gi5_8555773_x6.....gguucgauucccggaCcgag..... 1
 Gi1_3986905_x6.....uccggugugguaCaacggcua..... 1
 Gi2_10578185_x6.....Ggguuucacccaguagauc..... 1
 Gi5_8550967_x6.....gguGuucacccaguagaucgg..... 1
 Gl1a_5723716_x6.....uGcggugugguauaacggc..... 1
 Gi1_3992053_x6.....gguuGucacccaguagaucgg..... 1
 Gi3_27530962_x6.....ucAggugugguauaacggcuagcau..... 1
 Gi1_3987619_x6.....guuuucacccCguagaucgg..... 1
 Gi1_3984349_x6.....gguucgauCcccggaucgg..... 1
 Gi1_3987181_x6.....uccggugGgguaaacggcua..... 1
 Gi5_8533705_x6.....uccggugugguauaacggcuagUa..... 1
 Gi1_3988345_x6.....Gcggugugguauaacggcuag..... 1
 Gi5_8582672_x5.....gguucgauucccggaUgg..... 1
 Gi5_8590502_x5.....gguucgauucccggcGucgg..... 1
 Gi1_3995810_x5.....uGcaccaguagaucgg..... 1
 Gi1_4006945_x5.....Cuuuucacccaguagaucgg..... 1
 Gi3_27609542_x5.....ugguuuucacccaguagaucAg..... 1
 Gi2_10609585_x5.....uccggugGgguaaacggc..... 1
 Gi3_27573627_x5.....ggCuucacccaguagauc..... 1
 Gi5_8596972_x5.....uccggugugguauGacggcuagcau..... 1
 Gi5_8569252_x5.....ggAuucacccaguagaucgg..... 1
 Gi2_10638120_x5.....gguuuucacccaguagaucAg..... 1
 Gi3_27634142_x5.....guagaucggguucgauucccggc..... 0
 Gi1_4005270_x5.....uccggugAgguauaacggcuagca..... 1
 Gi2_10592400_x5.....uUcggugugguauaacggcu..... 1
 Gi5_8581382_x5.....guuuucacccaguagaucAgg..... 1
 Gi2_10636945_x5.....Cuucgauucccggaucgg..... 1
 Gi2_10599555_x5.....gAuucgauucccggauc..... 1
 Gi2_10592710_x5.....uccggugugguauaacAgcuag..... 1
 Gi2_10640630_x5.....guuuucacccaguagaucA..... 1
 Gi1_4005060_x5.....uccggugugguauaacggcuagcaugacu..... 0
 Gl1a_5757292_x5.....uccggugugguauaacggcuGgc..... 1
 Gi1_4010720_x5.....Ggguuuucacccaguagaucgg..... 1
 Gi5_8591757_x5.....gguucgauucccggaCcg..... 1
 Gi5_8570912_x5.....gguuuucacccaCuagaucgg..... 1
 Gi4_537743_x5.....Uuucgauucccggaucgg..... 1
 Gi2_10646355_x5.....uccggugugguauCacgg..... 1
 Gi1_4010030_x5.....gguucgauucccggaucggagcuA..... 1
 Gi5_8593167_x5.....uccggugugguauaacggcuagUau..... 1
 Gi5_8582547_x5.....gguuuucacccaguaUaucgg..... 1

Gi3_27581097_x5.....uccgguUugguauaacggcuagc.....1
Gi3_27626357_x5.....uccggugugguaAaacggcua.....1
Gi5_8583587_x5.....Accggugugguauaacgg.....1
Gi1_3996295_x5.....uccgAugugguauaacggcuagca.....1
Gi3_27594017_x5.....uuAucacccaguagauccgg.....1
Gi3_27577512_x5.....guucgauucccgGucg.....1
Gi1_4004040_x5.....ccggugugguauaacgAcua.....1
Gi3_27573792_x5.....Cuuucacccaguagauccgg.....1
Gi5_8581347_x5.....guucgauuccAgcaucg.....1
Gi2_10610555_x5.....uccggugugguaCaacgg.....1
Gi3_27579917_x5.....Uguccggugugguauaacggcua.....1
Gi2_10613805_x5.....ucGggugugguauaacggcuagc.....1
Gi5_8583857_x5.....uccggugugguauaacggcuaAcau.....1
Gi1_4009260_x5.....uccggugugguauaacggcuagcCu.....1
G1a_5758417_x5.....Gccggugugguauaacggcuagca.....1
Gi5_8567572_x5.....uuuucacccaguGgauccgg.....1
Gi5_8588592_x5.....Cuucacccaguagauccg.....1
Gi5_8565147_x5.....uccgguguAguauaacggcuagca.....1
Gi3_27601252_x5.....guucgauucccgAcaucgg.....1
Gi2_10615105_x5.....agUuccggguucgauucc.....1
Gi3_27653252_x5.....guuuucaccUaguagauccg.....1
Gi5_8593317_x5.....cggCgugguauaacggcuagc.....1
Gi2_10638790_x5.....uAacggugugguauaacggcuagc.....1
Gi2_10614565_x5.....Uguccggugugguauaacggcuagc.....1
Gi1_4011460_x5.....Auagauccggguucgauucc.....1
Gi2_10649425_x5.....guuuucaccUaguagauccg.....1
Gi5_8573847_x5.....uccggugugguauCacggcuagca.....1
Gi3_27554297_x5.....guuUgauucccggaucgg.....1
G1a_5753077_x5.....uUguuuucacccaguagauccg.....1
Gi1_4014020_x5.....uUcggugugguauaacggcuagcau.....1
Gi3_27565027_x5.....uccAgugugguauaacggcuag.....1
Gi1_3997015_x5.....uuuucacccaguGgauccgg.....1
Gi1_4001990_x5.....uccggugugguauGacggcua.....1
Gi2_10605665_x5.....ccggugugNuauaacggcuagcau.....1
Gi2_10638490_x5.....uccggugugAuauaacggcuagcau.....1
Gi3_27596982_x5.....uccggugugguauUacggc.....1
Gi2_10644890_x5.....gguucgauucAcggcauc.....1
Gi1_4006100_x5.....guGcgauucccggaucgg.....1
Gi1_3998035_x5.....uccggugugguauUcggcuag.....1
Gi3_27550412_x5.....uccgguguggGauaacggcuagc.....1
Gi3_27584057_x5.....gguuuucacccaguGgauc.....1
Gi5_8601852_x5.....ggNuuucacccaguagauccg.....1
Gi2_10615910_x5.....uccggugugguauaacggcuaUc.....1
Gi1_3995520_x5.....uccUgugugguauaacggcuagc.....1
Gi5_8598452_x5.....uccggugugguauaacggcuagcG.....1
Gi1_3997305_x5.....guucgauuNccggcaucgg.....1
Gi2_10645620_x5.....uccggugugguauaacgAcuagcau.....1

Gi5_8564332_x5.....guuuucacUcaguagaucgg..... 1
Gi5_8590162_x5.....uccNuguguguaaaacggcuagc..... 1
Gi1_4017590_x5.....gguCuucacccaguagaucgg..... 1
Gi1_4009270_x5.....guucgauucccggaucggagcA..... 1
Gi2_10640310_x5.....guucUauucccggaucgg..... 1
Gi2_10592670_x5.....Uguccgguguguaaaacggcuagcau..... 1
Gi1_4015685_x5.....gguuuucacccaguagaucA..... 1
Gi5_8584622_x5.....uuuucacccagCagaucgg..... 1
Gi3_27565377_x5.....ucGgguguguaaaacggcuagc..... 1
Gi5_8592427_x5.....gguuuucacccaguagaucUgg..... 1
Gi1_4006380_x5.....guuuucacAcaguagaucgg..... 1
Gi1_3995350_x5.....uccgguguguaaaacggcC..... 1
Gi3_27635547_x5.....uccgguguguaauGacggcuag..... 1
Gi1_4004920_x5.....uccggugAgguuaaaacggcua..... 1
Gi5_8565517_x5.....gguucgauucccggaucggagcA..... 1
Gi5_8598352_x5.....gguuuucacccagCagaucgg..... 1
Gi1_4002880_x5.....guucgauucccggaucggagc..... 1
Gi5_8597882_x5.....Gagaucggguucgauucccgga..... 1
Gi1_3999200_x5.....uGcgguguguaaaacggcu..... 1
Gi3_27617612_x5.....uccgguguguaCuaacgg..... 1
Gi3_27616902_x5.....uccgguguguaGaacggcua..... 1
Gi2_10596330_x5.....ccggugugNuuaaaacggc..... 1
Gi1_4001765_x5.....cUgguguguaaaacggcuagca..... 1
Gi1_4013570_x5.....uccggugAgguuaaaacggcuagc..... 1
Gi1_3997240_x5.....gguuuucacccaguagaucUgg..... 1
Gi3_27629507_x5.....gguucgauucccggaucgg..... 1
Gi2_10599645_x5.....uccAguguguaaaacggcuagcau..... 1
Gi2_10593090_x5.....uuuUaccaguagaucgg..... 1
Gi1_4013505_x5.....guuuucacccaguagaucUg..... 1
Gi2_10606385_x5.....Aguucgauucccggaucgg..... 1
Gi1_4001235_x5.....guucgGuucccggaucgg..... 1
Gi1_4004705_x5.....guuuucGcccaguagaucgg..... 1
Gi2_10641385_x5.....Guucacccaguagauc..... 1
Gi1_3994540_x5.....gguuuucacccaAuagaucgg..... 1
Gi3_27641622_x5.....uccgguguguaaaacggcGagc..... 1
Gi2_10624435_x5.....gguuuuAaccaguagaucgg..... 1
Gi1_3995875_x5.....Gcgguguguaaaacggcuagc..... 1
Gi5_8581907_x5.....Guucacccaguagaucgg..... 1
Gi3_27580357_x5.....guucgaCuucccggaucg..... 1
Gi3_27658287_x5.....uuAucacccaguagaucgg..... 1
G1a_5749827_x5.....ucUgguguguaaaacgg..... 1
G1a_5751712_x5.....uccgguguguaGuaacggcuagc..... 1
Gi3_27631137_x5.....uccCguguguaaaacggcua..... 1
Gi2_10649705_x5.....gGgguuaaaacggcuagcau..... 1
Gi5_8567197_x5.....gguccgguguguaaaacggcuagcaugacuA..... 1
Gi2_10638095_x5.....uccgguguguaaaacgAcuag..... 1
Gi5_8597947_x5.....ugguuuucacccaguagGuccg..... 1

Gi1_4013575_x5.....uccUgugugguauaacggcuag..... 1
 Gi1_4010910_x5.....uccgguguAguauaacggcuagca..... 1
 Gi5_8576357_x5.....guucgauucccggaucgA..... 1
 Gi5_8598517_x5.....cgguUugguauaacggcuagc..... 1
 Gi1_3998475_x5.....guucgaCucccggaucgga..... 1
 Gi2_10596545_x5.....Accggugugguauaacggcuagcau..... 1
 Gi1_4007885_x5.....guuuucacccaguagaucAg..... 1
 Gi1_4004730_x5.....guuCucacccaguagauccgg..... 1
 Gi1_4006885_x5.....guGuucacccaguagauccg..... 1
 Gi3_27580837_x5.....uGucacccaguagauccg..... 1
 Gi2_10625300_x5.....gguuuucaAccaguagauccg..... 1
 Gi5_8581152_x5.....Gcggugugguauaacggcua..... 1
 Gi2_10640090_x5.....ucAggugugguauaacggcuagc..... 1
 Gl1_5743317_x5.....gguucgauucccggaucgagc..... 0
 Gi5_8592852_x5.....uccggugugguauGacggcua..... 1
 Gi3_27583172_x5.....gguucgauucccggaucA..... 1
 Gi3_27562887_x5.....uccggugugguauaacggcAagca..... 1
 Gi3_27593812_x5.....Auucgauucccggaucgga..... 1
 Gi3_27632007_x5.....uccggugugguauaacggcuGgcau..... 1
 Gi3_27580667_x5.....ggNuuucacccaguagauccg..... 1
 Gi1_4007950_x5.....uccgguguggGauaacggcuagca..... 1
 Gi2_10596070_x5.....guuuucacccaguaAauccg..... 1
 Gi5_8582417_x5.....guuuucacccagCagaucgg..... 1
 Gi3_27612442_x5.....guagauccgggGucgauuccc..... 1
 Gi2_10649465_x5.....guCcgauucccggaucg..... 1
 Gi1_4001795_x5.....uccgguguggGauaacggcua..... 1
 Gi5_8569947_x5.....uccggugugguCuaacggcua..... 1
 Gl1_5734837_x5.....Gccggugugguauaacgg..... 1
 Gi2_10638920_x5.....uccgAugugguauaacggcuagca..... 1
 Gi3_27551172_x5.....guuuucacccagCagaucgg..... 1
 Gi5_8578237_x5.....gUuccggugugguauaacggcuagc..... 1
 Gi5_8591237_x5.....gguccggugugguGuaacggc..... 1
 Gi5_8569917_x5.....uccggugugguauaacCgcuagc..... 1
 Gi2_10629455_x5.....gCucgauucccggaucgga..... 1
 Gi3_27624172_x5.....uccggugugguauaacggcuaCca..... 1
 Gi2_10650370_x5.....uccggugugguauaacggcuC..... 1
 Gi1_4002695_x5.....uccggugugguauaacCggcua..... 1
 Gi3_27641562_x5.....uccgguguAguauaacggcuagcau..... 1
 Gi5_8585932_x5.....ggugugguauaacgAcuag..... 1
 Gi2_10628685_x5.....Uguccggugugguauaacggcuagcauga..... 1
 Gl1_5750377_x5.....gguuuucacccagCagaucgg..... 1
 Gi3_27592027_x5.....gguuuucacccaguaUauccg..... 1
 Gi3_27614197_x5.....uccggugGguauaacgg..... 1
 Gi1_4005055_x5.....agUuccggguucgauuccc..... 1
 Gi3_27566502_x5.....gguucgauucccggcGucg..... 1
 Gi3_27623567_x5.....uccggugugguauaacggUuag..... 1
 Gi3_27575687_x5.....ugguuucacccGguagauccg..... 1

Gi3_27604582_x5.....uuuucacAcaguagauccg.....1
Gi1_4008365_x5.....uccggugugguauaacggcuU.....1
Gi3_27622497_x5.....guuuucacccaguagauUcgg.....1
Gi1_4000130_x5.....Accggugugguauaacgg.....1
Gi2_10637370_x5.....uuuucacccGguagauccg.....1
Gi3_27628992_x5.....guucgGuucccggaucgga.....1
Gi3_27588207_x5.....agUuccggguucgauucc.....1
Gi2_10632270_x5.....uccgguguAguauaacggcuag.....1
Gi3_27645677_x5.....uccggAgugguauaacgg.....1
Gi3_27657457_x5.....guuuucacccaguagauccA.....1
Gi5_8600897_x5.....uccggugugguauaacgUcuagc.....1
Gi3_27638597_x5.....gguuuucacAcaguagaucc.....1
Gi2_10621060_x5.....uccggugugguauUacggcuagc.....1
Gi3_27625222_x5.....guuuuUaccaguagauccgg.....1
Gi2_10600215_x5.....uccggugugguauCcggc.....1
Gi5_8578072_x5.....uccggugugguauaacggUua.....1
Gi5_8577192_x5.....uccggugugguauUacggcuagc.....1
Gi5_8601407_x5.....ucNggugugguauaacggcuagc.....1
Gi2_10616770_x5.....guAuucacccaguagauccg.....1
Gi5_8591227_x5.....Cuuuucacccaguagauccg.....1
Gi1a_5739702_x5.....gUuucgauucccggaucg.....1
Gi5_8574822_x5.....uccggugugguauaaAggcuagc.....1
Gi5_8582247_x5.....ucAggugugguauaacggcuagcau.....1
Gi3_27656907_x5.....guucgauucccCgcaucgg.....1
Gi3_27565032_x5.....cGgguuuucacccaguagaucc.....1
Gi5_8572402_x5.....gguuuucacUcaguagauccgg.....1
Gi1_3999950_x5.....uccggGgugguauaacggcuagc.....1
Gi5_8565907_x5.....uccgAugugguauaacggcu.....1
Gi1_4012520_x5.....uccNgugugguauaacggcuag.....1
Gi2_10600360_x5.....ucUggugugguauaacggcu.....1
Gi3_27613407_x5.....uccgUugugguauaacggcu.....1
Gi1_3995555_x5.....gguNuucacccaguagauccg.....1
Gi3_27655992_x5.....gguucgauucccAgcaucgg.....1
Gi3_27602202_x5.....uccggugugguauGacggcuagcau.....1
Gi2_10712511_x4.....uccggugugUuauaacggcuagc.....1
Gi2_10713395_x4.....guCuucacccaguagaucc.....1
Gi2_10696359_x4.....uccggugugguauaacggAuagc.....1
Gi2_10684667_x4.....uuuucacccaguagauAccg.....1
Gi5_8625143_x4.....uccggugugguauaacggcuacCa.....1
Gi5_8625375_x4.....uuuUaccaguagauccgg.....1
Gi5_8630219_x4.....uccggugugguauaacggcGagcau.....1
Gi5_8632543_x4.....guucUauucccggaucgga.....1
Gi2_10724839_x4.....guGuucacccaguagauccg.....1
Gi5_8627051_x4.....guuuucacccaguagauccA.....1
Gi2_10709563_x4.....Ggugguauaacggcuagc.....1
Gi1_4018028_x4.....ccggGgugguauaacggcu.....1
Gi3_27701597_x4.....guuuuAaccaguagauccg.....1

Gi1_4041912_x4.....uuuucacccaguGgaucgg.....1
 Gi1_4018716_x4.....gGucgauucccggaucggagc.....1
 Gi5_8643103_x4.....gguguAguauaacggcuag.....1
 Gl1a_5772070_x4.....gguuuucCcccaguagaucgg.....1
 Gi5_8630727_x4.....uuuuUacccaguagaucgg.....1
 Gi3_27669117_x4.....ggGucgauucccggaucg.....1
 Gl1a_5802086_x4.....gguuuucacccaguagCuccg.....1
 Gi3_27769849_x4.....Accggugugguauaacggcuag.....1
 Gi3_27664569_x4.....guuuucacccaguagaucUgg.....1
 Gl1a_5794790_x4.....uccggugugguauaacggcuagA.....1
 Gi1_4039428_x4.....uccggugugguauaacggcuagcaC.....1
 Gi1_4044700_x4.....uccgguguggAauaacggcuagc.....1
 Gi2_10703323_x4.....guuuucacccaguCgaucgg.....1
 Gi2_10695175_x4.....uccggugugguauCacggcu.....1
 Gi1_4046184_x4.....uccggugugguGuaacggcuagcau.....1
 Gi3_27794965_x4.....uccggugugguauaUcggc.....1
 Gi2_10679503_x4.....Gcggugugguauaacggcuagcau.....1
 Gi5_8645627_x4.....gUuucgauucccggaucggagcucuu.....1
 Gi2_10721031_x4.....auccggguucgauucccgga.....0
 Gi5_8640671_x4.....uccggugugguauaacgAcuag.....1
 Gi3_27780273_x4.....gguuuucacccaguagGuc.....1
 Gi3_27786553_x4.....Ggauucccggaucggagc.....1
 Gi1_4029720_x4.....uccggugugguauaacggcAagca.....1
 Gi5_8621495_x4.....gguuuCcaccaguagauc.....1
 Gi3_27690425_x4.....uccgguguUguauaacggcuagc.....1
 Gi1_4040156_x4.....ucAggugugguauaacggcuag.....1
 Gi5_8610403_x4.....uccggugugAuaaacggcuagcau.....1
 Gi3_27711209_x4.....Aguucgauucccggaucg.....1
 Gi3_27770301_x4.....cgauucccggaucggagcuA.....1
 Gi2_10703647_x4.....gugugguauaCcgguagc.....1
 Gi2_10705287_x4.....uuucacccaguagGuccg.....1
 Gi3_27791265_x4.....uuuucacccaguagaCccg.....1
 Gi5_8630311_x4.....guucgauucccgUcaucgg.....1
 Gi3_27743797_x4.....guucgauucccgAcaucg.....1
 Gi1_4041028_x4.....uuGucacccaguagaucgg.....1
 Gi4_541086_x4.....gguuuucacccaguagaucgg.....0
 Gi1_4037436_x4.....uccgAugugguauaacgg.....1
 Gi3_27744117_x4.....cggugugguauaacggcGa.....1
 Gi2_10659307_x4.....uccggugugguauaacggcuagcGu.....1
 Gi2_10661711_x4.....ccggugugNuauaacggcu.....1
 Gi2_10706211_x4.....uccggugAgguauaacggcuagcau.....1
 Gi1_4041592_x4.....uccggugugguauGacggcuagcau.....1
 Gi3_27782349_x4.....ucNggugugguauaacggcuagca.....1
 Gi3_27685461_x4.....guuuucaccAaguagaucgg.....1
 Gi3_27688725_x4.....guCcgauucccggaucgg.....1
 Gi3_27734049_x4.....gguuuucacccaguGgaucgg.....1
 Gi3_27692369_x4.....gguuuucacccagCagaucgg.....1

Gi3_27707437_x4.....uguuuuuacccaguaAauccg.....1
Gi5_8635535_x4.....gguuuucGcccaguagauc.....1
Gi1_4045124_x4.....ccggugugguauaacggcuGg.....1
Gi5_8647631_x4.....uuuucacccaguagauccA.....1
Gi4_539706_x4.....uccggugugguauaacgg.....0
Gi1_4032308_x4.....uccggugugguauaGcggc.....1
Gi3_27700441_x4.....gguucgauucccAgcaucggagc.....1
Gi2_10710167_x4.....uccggugugguauGacgg.....1
Gi5_8631287_x4.....guucgauUccggcaucgg.....1
Gi5_8643351_x4.....uccggugCgguauaacgg.....1
Gi5_8639979_x4.....guuuuacccaguagaucAgg.....1
Gi5_8602831_x4.....Accggugugguauaacggcuagcau.....1
Gi1_4039040_x4.....guucUauucccggcaucgg.....1
Gi3_27704185_x4.....gguucgauucccAgcaucg.....1
Gi3_27731697_x4.....gguuuucacGcaguagauccg.....1
Gi5_8633063_x4.....uccggugugguauaacggAua.....1
Gi2_10677767_x4.....guGcgauucccggcaucgg.....1
Gi3_27769217_x4.....Uuuuucacccaguagauccggguucg.....1
Gi5_8628531_x4.....gguuuuGacccaguagauccg.....1
Gi3_27733037_x4.....guaAauccggguucgauuccc.....1
Gi5_8609475_x4.....guuuucaccaAuagauccg.....1
Gi2_10696915_x4.....guucgauNccggcaucgg.....1
Gi3_27784013_x4.....gguuuGcaccaguagauccg.....1
Gi5_8625599_x4.....uccggugugguauaCcggcua.....1
Gi3_27775781_x4.....uccNgugugguauaacggcua.....1
Gi1_4018116_x4.....gguccggugugguauaacggcuagcauga.....0
G1a_5785754_x4.....ggGuuucacccaguagauccg.....1
Gi2_10673707_x4.....uuucaccaAuagauccg.....1
Gi1_4037164_x4.....uccAgugugguauaacgg.....1
Gi3_27738297_x4.....uccggugugguUuaacgg.....1
Gi1_4023812_x4.....gguAuucacccaguagauccg.....1
Gi3_27659961_x4.....uccgguguggAuaaacggc.....1
Gi2_10723279_x4.....ugguCuucacccaguagauc.....1
Gi1_4017912_x4.....gguuuuacccaguagaucU.....1
Gi2_10678307_x4.....uccggugugguauaacggcuagcaugacug.....0
Gi1_4046568_x4.....ccggugCgguauaacggcuagc.....1
Gi5_8636491_x4.....gguuuucacGcaguagauccg.....1
Gi5_8649439_x4.....gguuuuacccaguagaucAgg.....1
Gi3_27684805_x4.....gguucgauuccUggcaucgg.....1
Gi1_4043596_x4.....Nccggugugguauaacggcuag.....1
G1a_5812174_x4.....uccgUugugguauaacggcuagc.....1
Gi3_27741241_x4.....uccgAugugguauaacggcuagcau.....1
Gi1_4023012_x4.....gCuuuacccaguagauccgg.....1
Gi4_542470_x4.....guuuuacccaguagauccg.....0
Gi1_4042976_x4.....guuuuacccaguagauccggU.....1
Gi2_10710327_x4.....ugguuuuacccaguagGuccg.....1
Gi3_27743957_x4.....ugguuucNcccaguagauc.....1

Gi2_10686575_x4.....uccggugugguauaacgUcuagca.....guucgauucccggaucggagcAc..... 1
Gi2_10684983_x4.....uccggugugguauaacgAuag.....guucgauucccggaucggagcAc..... 1
Gi1_4042680_x4.....uccggugugguauaacgAuag.....guucgauucccggaucggagcAc..... 1
Gi3_27752577_x4.....uccggugugguauaacgcuagcau.....guucgauucccggaucggagcAc..... 1
Gi1_4024904_x4.....ccggugugguauaacggcuagcC.....guucgauucccggaucggagcAc..... 1
G1a_5775454_x4.....ucUggugugguauaacggcua.....guucgauucccggaucggagcAc..... 1
Gi3_27737649_x4.....gguuuucacUcaguagauccgg.....guucgauucccggaucggagcAc..... 1
Gi1_4029076_x4.....ugguGuucacccaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi1_4018276_x4.....ucGggugugguauaacggcuagca.....guucgauucccggaucggagcAc..... 1
Gi3_27756641_x4.....gguucgauucccAgcauc.....guucgauucccggaucggagcAc..... 1
Gi3_27690609_x4.....guucUauucccggaucgg.....guucgauucccggaucggagcAc..... 1
Gi3_27723829_x4.....Accggugugguauaacgg.....guucgauucccggaucggagcAc..... 1
Gi2_10675987_x4.....gguucgauucccggaucggagA.....guucgauucccggaucggagcAc..... 1
Gi3_27786237_x4.....ggCgugguauaacggcua.....guucgauucccggaucggagcAc..... 1
Gi5_8642595_x4.....uuAucacccaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi5_8619863_x4.....Agguuuucacccaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi1_4036912_x4.....uccggugugguauaacggGuag.....guucgauucccggaucggagcAc..... 1
Gi2_10724703_x4.....guuCucacccaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi5_8635127_x4.....guucgauuNccggcaucgg.....guucgauucccggaucggagcAc..... 1
Gi5_8635463_x4.....Ggugguauaacggcuagc.....guucgauucccggaucggagcAc..... 1
Gi2_10699735_x4.....uccggugugguauaacggcuagcau.....guucgauucccggaucggagcAc..... 1
Gi3_27674877_x4.....uccggugugguauaaAggcuagca.....guucgauucccggaucggagcAc..... 1
Gi5_8638223_x4.....ugguuuCcaccaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi1_4025460_x4.....uccggugugguauaacggcuag.....guucgauucccggaucggagcAc..... 1
Gi5_8646475_x4.....ugguuucaccUaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi3_27684325_x4.....uccggugugguauUacggcua.....guucgauucccggaucggagcAc..... 1
Gi3_27740761_x4.....uccggugugguauaacCgcuagc.....guucgauucccggaucggagcAc..... 1
Gi1_4043184_x4.....uuUaccaguagauccgg.....guucgauucccggaucggagcAc..... 1
Gi3_27741813_x4.....aguagauccgggGucgauucc.....guucgauucccggaucggagcAc..... 1
G1a_5793102_x4.....uccggugugguauaacgAcua.....guucgauucccggaucggagcAc..... 1
Gi3_27752529_x4.....ccggugugNuuaaacggcuagc.....guucgauucccggaucggagcAc..... 1
Gi3_27723421_x4.....guuuucaAccaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi2_10689519_x4.....uccggugugguauaacggcuagc.....guucgauucccggaucggagcAc..... 1
Gi1_4021452_x4.....cGggugugguauaacggcuagca.....guucgauucccggaucggagcAc..... 1
Gi3_27760401_x4.....guucgauucccggaucAga.....guucgauucccggaucggagcAc..... 1
Gi1_4034096_x4.....uccgUugugguauaacggcuagcau.....guucgauucccggaucggagcAc..... 1
G1a_5792266_x4.....gguuCucacccaguagaucc.....guucgauucccggaucggagcAc..... 1
Gi2_10690323_x4.....ugguuucNccaguagaucc.....guucgauucccggaucggagcAc..... 1
G1a_5799046_x4.....uccggugugguauaacAgcuagc.....guucgauucccggaucggagcAc..... 1
Gi1_4018284_x4.....uuuucaccNaguagauccg.....guucgauucccggaucggagcAc..... 1
Gi3_27751325_x4.....gGgugguauaacggcuagc.....guucgauucccggaucggagcAc..... 1
Gi5_8611723_x4.....gauccggguucgauuccc.....guucgauucccggaucggagcAc..... 0
Gi2_10694447_x4.....uccggugugguauaacggcuUg.....guucgauucccggaucggagcAc..... 1
Gi3_27761441_x4.....gguuuucacccaguagauUcgg.....guucgauucccggaucggagcAc..... 1
G1a_5780622_x4.....Accggugugguauaacggcuagc.....guucgauucccggaucggagcAc..... 1
Gi1_4024204_x4.....guucgauucccggaucAg.....guucgauucccggaucggagcAc..... 1
Gi5_8634255_x4.....uccgAugugguauaacggcuag.....guucgauucccggaucggagcAc..... 1

Gi2_10697967_x4.....ccaguagaNccggguucgauucc..... 1
Gi2_10712523_x4.....uccggugugguaGaacggc..... 1
Gi2_10668267_x4.....uGcaccagaguagauccgg..... 1
Gi3_27737785_x4.....uAuucaccagaguagauccg..... 1
Gi4_541454_x4.....uGcggugugguauaacggcuagc..... 1
Gi3_27755033_x4.....gguuuucaccagaguagaCc..... 1
Gi3_27750053_x4.....uuuucaccaguCgauccg..... 1
Gi1_4047552_x4.....guucgauucccgAcaucgga..... 1
Gi3_27778713_x4.....ggugugguauaacggcuagc..... 0
Gi3_27765213_x4.....ggCucgauucccggaucg..... 1
G1a_5789210_x4.....uUguuuucaccagaguagauccgg..... 1
Gi3_27792009_x4.....uccCgugugguauaacggc..... 1
Gi5_8640827_x4.....cggugugguauaacggcCagc..... 1
Gi3_27699997_x4.....aguagauccgggCucgauucc..... 1
Gi1_4035188_x4.....Ucggugugguauaacggcuagca..... 1
Gi3_27745681_x4.....Cuuuucaccagaguagauccgg..... 1
Gi3_27780625_x4.....guuuucaccagGagauccgg..... 1
Gi3_27787633_x4.....ugguuuucaccagaguagauAcg..... 1
Gi5_8635043_x4.....guucgauucUcggcaucgg..... 1
Gi3_27707641_x4.....uccggugugUuauaacggc..... 1
Gi5_8612003_x4.....uccggugugguCuaacgg..... 1
Gi3_27667805_x4.....gguuuucaccagaguagauA..... 1
Gi3_27685973_x4.....agauccggNuucgauucc..... 1
Gi3_27715845_x4.....ggugugguauCacggcua..... 1
Gi5_8648015_x4.....uccggugugguauaacgAcuagcau..... 1
Gi3_27733181_x4.....uccggugugguauaacgCc..... 1
Gi1_4018096_x4.....Cuucgauucccggaucgg..... 1
Gi3_27774709_x4.....uucccggaucggagcCc..... 1
Gi1_4033964_x4.....guucgauucccggaUgg..... 1
Gi3_27695757_x4.....uccgAugugguauaacgg..... 1
Gi3_27681961_x4.....uccgAugugguauaacggcuag..... 1
Gi1_4028752_x4.....uccggugugguauaacAg..... 1
G1a_5802866_x4.....uccggugugguauaacggcuagc..... 1
Gi1_4019284_x4.....gguuuuAaccagaguagauccg..... 1
Gi3_27744429_x4.....Cguuuucaccagaguagauccgg..... 1
Gi5_8602359_x4.....gguuuucaccagaguagauccC..... 1
Gi3_27728737_x4.....uccggugugguauaacggAua..... 1
Gi1_4039072_x4.....guuuucaccagaguagaCccg..... 1
G1a_5807306_x4.....uccggCgugguauaacggcuag..... 1
Gi3_27770597_x4.....ugUuuuuucaccagaguagauccg..... 1
Gi2_10669567_x4.....guucgauucccgUaucgg..... 1
Gi1_4033692_x4.....ccggugugNuauaacggcuagc..... 1
Gi5_8609755_x4.....uuuucaccagugGuccgg..... 1
Gi3_27686297_x4.....uccUgugugguauaacggc..... 1
Gi2_10692343_x4.....gUuccggugugguauaacggcuagcau..... 1
Gi2_10693895_x4.....guucgauucccgGucggag..... 1
Gi1_4030880_x4.....uuAucaccagaguagauccg..... 1

Gi1_4033396_x4.....uccggugugAuauaacggcuagca.....1
 Gi5_8629415_x4.....guuuCcaccagauagauccg.....1
 Gi5_8642339_x4.....uccgguAugguauaacggcuag.....1
 Gi5_8643255_x4.....Gggugugguauaacggcuagc.....1
 Gi1_4041940_x4.....uccUgugugguauaacggcuagcau.....1
 Gi2_10697979_x4.....uccggugugguauaaUggcuagca.....1
 Gi2_10724639_x4.....uccggugugguauaacggcuagcU.....1
 Gi5_8641971_x4.....guuuucGcccagauagauccg.....1
 Gi3_27746005_x4.....ugguuuucaccagauGgauccg.....1
 Gi1_4039100_x4.....uccggugGgguauaacggcuagca.....1
 Gi1_4033656_x4.....agaucggNuucgauucc.....1
 Gi1_4020872_x4.....uccggugugguauaacggcAa.....1
 Gi2_10720731_x4.....gguCcgauucccgcaucgg.....1
 Gi1_4042468_x4.....uccgUugugguauaacggc.....1
 G1a_5779286_x4.....Uguuuucaccagauagauc.....1
 Gi2_10689187_x4.....ggAuuuacaccagauagauccg.....1
 Gi2_10710255_x4.....guuuucaccUguagauccg.....1
 Gi5_8621863_x4.....uccggugugguauaaUggc.....1
 Gi2_10721899_x4.....guucgauucUcggcaucgg.....1
 Gi5_8629367_x4.....uccggugugguauaacggcuagc.....1
 Gi5_8630447_x4.....uccggugCgguauaacggcuagcau.....1
 Gi3_27702913_x4.....uccggugugguauaaUggcu.....1
 Gi1_4024356_x4.....gguuuucaccagauCgauccg.....1
 Gi5_8647775_x4.....uccggugugguauaacggcuagcU.....1
 Gi3_27740369_x4.....ccggCgugguauaacggc.....1
 Gi2_10653067_x4.....uccAgugugguauaacggc.....1
 Gi2_10669423_x4.....ccagauagauccggguucgCuuccc.....1
 Gi5_8615919_x4.....gguuuucaccUguagauccg.....1
 Gi3_27791281_x4.....uccggugugguauCacggcu.....1
 Gi5_8646359_x4.....uccggugugguauaaUggcuagca.....1
 Gi5_8603983_x4.....gUugugguauaacggcuagcau.....1
 Gi3_27768517_x4.....ggCucgauucccggauc.....1
 Gi1_4029404_x4.....uccggugugguauaaAggcuag.....1
 Gi2_10667863_x4.....gguucgauNcccgcaucggagc.....1
 Gi1_4043912_x4.....ccggCgugguauaacggcuagca.....1
 Gi5_8628191_x4.....uccAgugugguauaacggc.....1
 Gi3_27771609_x4.....uccggugugguCuaacggcuag.....1
 Gi3_27716381_x4.....guucgauCcccggcaucgga.....1
 Gi1_4026424_x4.....uccggugugguauaacUgcuag.....1
 Gi1_4047356_x4.....Uugugguauaacggcuag.....1
 Gi1_4021808_x4.....cGggugugguauaacggcuagc.....1
 Gi3_27701357_x4.....Ggauccggguucgauucc.....1
 Gi5_8617243_x4.....Uguccggugugguauaacgg.....1
 Gi2_10688567_x4.....gUuccggugugguauaacggcuagc.....1
 Gi3_27706317_x4.....uuuucacUcagauagauccg.....1
 Gi1_4026236_x4.....uccgCugugguauaacggcua.....1
 Gi1_4022892_x4.....ugguuuucNccagauagauccg.....1

Gi1_4022560_x4.....uccggugugguaCaacggc..... 1
Gi3_27686161_x4.....uccggCgugguuaaacggcuagcaugacu..... 1
Gi3_27793513_x4.....cGggugugguuaaacggcua..... 1
Gi2_10665035_x4.....uccggugugguuaaCcgguagca..... 1
Gi5_8626635_x4.....gCucgauucccggaucggagc..... 1
Gi2_10708843_x4.....Cgguuuucacccaguagaucgg..... 1
Gi3_27756689_x4.....uccggugugUuaaacggcuagc..... 1
G1a_5771558_x4.....uGcggugugguuaaacgg..... 1
Gi2_10673307_x4.....gguuuucacccaguUgaucgg..... 1
Gi2_10719379_x4.....uccggAgugguuaaacggcuagcau..... 1
Gi3_27724129_x4.....guuuucacccagCagaucgg..... 1
Gi3_27792977_x4.....guuuucacccaguUgaucgg..... 1
Gi1_4038776_x4.....uccggugugguauCacggcuagcau..... 1
Gi2_10673867_x4.....uccggugugguaCaacggc..... 1
Gi3_27662117_x4.....gUuccggugugguuaaacggcuagcauga..... 1
Gi5_8612495_x4.....gguuuucacccaguagCuccgg..... 1
G1a_5810426_x4.....gguuuucaccUaguagaucgg..... 1
Gi3_27772717_x4.....guCcgauucccggaucg..... 1
Gi3_27658949_x4.....uccgguguggCauaacggcu..... 1
Gi4_541918_x4.....uccggugugguuaaacggcuGgc..... 1
Gi2_10724115_x4.....uccggugugguCuaacggc..... 1
Gi5_8617471_x4.....ggCucgauucccggaucggagc..... 1
Gi2_10686363_x4.....uccgguguggAuaaacggcuagc..... 1
Gi2_10686911_x4.....uccgAugugguuaaacgg..... 1
Gi5_8631379_x4.....uccggugugguGuaacgg..... 1
Gi2_10671319_x4.....ccggugugNuuaaacggcuagc..... 1
Gi1_4040764_x4.....uuuucGcccaguagaucgg..... 1
Gi1_4030088_x4.....uccggugugguGuaacggc..... 1
Gi3_27742689_x4.....gguucgauucccggaucAga..... 1
Gi3_27673949_x4.....guuuucacccaguCgaucgg..... 1
Gi3_27666085_x4.....uuGucacccaguagaucgg..... 1
Gi1_4033356_x4.....uccggugugguuaaacAgc..... 1
Gi3_27708537_x4.....gguguggCauaacggcua..... 1
Gi3_27671941_x4.....ugguuuucacUcaguagaucgg..... 1
Gi3_27696437_x4.....Gugguuuucacccaguagaucgg..... 1
Gi1_4042056_x4.....guuuucacccaguagaucUgg..... 1
Gi3_27732009_x4.....uccggAgugguuaaacggcuag..... 1
Gi5_8643127_x4.....gUuucgauucccggaucggag..... 1
Gi3_27759677_x4.....uAuccggugugguuaaacggcuagca..... 1
Gi1_4032040_x4.....uCuucacccaguagaucgg..... 1
Gi1_4027836_x4.....uCuucacccaguagaucgg..... 1
Gi3_27687833_x4.....guuuucacccaguagCuccg..... 1
Gi4_539750_x4.....uccggCgugguuaaacggcuagc..... 1
Gi1_4021072_x4.....cggugugguuaaacggcuagcC..... 1
Gi3_27724857_x4.....gguuuucacccaAuagau..... 1
Gi3_27775017_x4.....uccggugugguuaaacUgcua..... 1
Gi3_27730281_x4.....uccggugugguuaaacggcAagcau..... 1

Gi2_10689875_x4.....Gccggguucgauucccggaucgga..... 1
Gi5_8642947_x4.....ugguuuucNcccaguagauccgg..... 1
Gi2_10708971_x4.....uccggugugguauaaUggc..... 1
Gi2_10664707_x4.....Accggugugguauaacggcua..... 1
Gi5_8611523_x4.....Accggugugguauaacggcuagca..... 1
G1a_5773470_x4.....gguuuucGcccaguagauccg..... 1
Gi1_4032300_x4.....uccggGgugguauaacggcuag..... 1
Gi5_8619911_x4.....guuuucCcccaguagauccg..... 1
Gi2_10688043_x4.....uccggugugguauaacggcuaAcau..... 1
Gi1_4026512_x4.....uccgguaAugguauaacggc..... 1
Gi1_4020844_x4.....uccggugugguauaacggcuUgc..... 1
Gi2_10716375_x4.....Cuucaccaguagauccg..... 1
Gi1_4022196_x4.....gguuuucacccGguagauccgg..... 1
Gi1_4025668_x4.....guucgauucccggcGucgga..... 1
Gi5_8622943_x4.....uccgguaAugguauaacggcua..... 1
Gi5_8631611_x4.....guucgGuucccggaucg..... 1
Gi5_8611675_x4.....uccggugugguauaaUggcuag..... 1
Gi3_27731177_x4.....cccggcaucggagcucuC..... 1
Gi2_10688071_x4.....gguuuucacAcaguagaucc..... 1
Gi2_10710923_x4.....uccggugugguauaacggUua..... 1
Gi3_27778973_x4.....Aguucgauucccggaucg..... 1
Gi1_4029280_x4.....uccggugugguauaaCggcuagc..... 1
Gi2_10652335_x4.....Accggugugguauaacggcuagca..... 1
Gi2_10660335_x4.....uccggugugguuaGaaccggcuagc..... 1
Gi3_27765153_x4.....gGagauccggguucgauu..... 1
Gi5_8648767_x4.....ucAggugugguauaacggcua..... 1
G1a_5794658_x4.....gGucgauucccggaucg..... 1
Gi5_8619599_x4.....ugguuuucNcccaguagaucc..... 1
Gi5_8639183_x4.....uccggugugguauaacggcuagcaugacC..... 1
Gi1_4038756_x4.....cGggugugguauaacggcua..... 1
Gi3_27754809_x4.....uccgguguCguauaacggcuagc..... 1
Gi1_4021988_x4.....guuuucacAcaguagauccgg..... 1
Gi1_4035960_x4.....agaucggguucgCuuccc..... 1
Gi2_10680799_x4.....gguuuucacccCguagaucc..... 1
Gi2_10668751_x4.....uuuucacUcaguagauccg..... 1
Gi3_27775997_x4.....uccggugugguauaacggAuagca..... 1
Gi1_4034924_x4.....Accggugugguauaacggcuagca..... 1
Gi1_4023420_x4.....guuuucaccUaguagauccg..... 1
Gi5_8648999_x4.....uccgAugugguauaacggc..... 1
Gi1_4027284_x4.....uccggugugguauaacgCcuag..... 1
Gi3_27717381_x4.....guuuucaccaguagauUgc..... 1
Gi3_27775873_x4.....gCucgauucccggaucg..... 1
Gi2_10680423_x4.....uccggugugguauaacggcuagUa..... 1
Gi5_8627799_x4.....uccggugugguauaaUggcuagcau..... 1
Gi5_8610663_x4.....uuAucaccaguagauccgg..... 1
Gi4_544402_x4.....uGcggugugguauaacggcuagca..... 1
Gi5_8696936_x3.....uccggugugguUuaaacggcuagcau..... 1

Gi1_4075620_x3.....Cguuuucacccaguagaucgg..... 1
 Gi1_4069821_x3.....gUUUUCACCCGUAGAUCCGG..... 1
 Gi1_4074165_x3.....uccggugugguGuaacgg..... 1
 Gi5_8686931_x3.....gUUUUCACCCAGUAGCUC..... 1
 Gi3_27903005_x3.....uccggugugguAaacggcuag..... 1
 Gi3_27947135_x3.....Ucggugugguauaacggcua..... 1
 Gi3_27838415_x3.....Ucggugugguauaacggcuagc..... 1
 Gi3_27863015_x3.....uccggugugguauaacgC..... 1
 Gi2_10827352_x3.....gUuccggugugguauaacg..... 1
 Gi3_27812954_x3.....ccggugugguCaacggc..... 1
 Gi1_4079631_x3.....ccggugugguCaacggcua..... 1
 Gi5_8689226_x3.....uuuucaccUaguagaucgg..... 1
 Gi3_27915110_x3.....gguucgauucccggaucggUgc..... 1
 Gi5_8668640_x3.....Ggauucccggaucggagcucuuu..... 1
 Gi2_10803658_x3.....guuuucacccaguUgaucgg..... 1
 Gi5_8715362_x3.....guucgauucccggcGucgga..... 1
 Gi5_8670980_x3.....guuuAcacccaguagaucgg..... 1
 Gi1a_5835019_x3.....uuuucacccUguagaucgg..... 1
 Gi2_10759936_x3.....uccgguguggAauaacggcuagca..... 1
 Gi1_4048554_x3.....guucgCuucccggaucgg..... 1
 Gi5_8690462_x3.....Auuucacccaguagaucgg..... 1
 Gi1_4061901_x3.....gguguAguauaacggcuag..... 1
 Gi5_8713139_x3.....guucgcaCucccggaucgg..... 1
 Gi2_10759243_x3.....guucgauuccAgcaucgga..... 1
 Gi3_27955394_x3.....uccggugugguauaacggAu..... 1
 Gi3_27841136_x3.....gguguAguauaacggcua..... 1
 Gi5_8670995_x3.....ccggugugguauaacggcuagc..... 0
 Gi1_4074306_x3.....ugguCuucacccaguagaucgg..... 1
 Gi3_27967241_x3.....uccgguguNguauaacggcuagcaugacu..... 1
 Gi3_27889217_x3.....uccggugugguauaacggcuagcaugGcu..... 1
 Gi2_10822951_x3.....uccggugugguGuaacggcu..... 1
 Gi1_4051638_x3.....cggugugguauaacggcuagUa..... 1
 Gi5_8669645_x3.....uguuuuucNccaguagauc..... 1
 Gi3_27806870_x3.....gCucgauucccggaucgga..... 1
 Gi1_4070739_x3.....ggugugguauaacAgcuagc..... 1
 Gi2_10811314_x3.....uccggugugguauaacggcuagAau..... 1
 Gi2_10778041_x3.....uccggugugguauaaUgg..... 1
 Gi3_27912731_x3.....gUUUUCACCCGUAGAUCCGG..... 1
 Gi1_4059714_x3.....AGUUUUCACCCAGUAGAUCCGG..... 1
 Gi5_8658773_x3.....uccggugugguauaaGggcua..... 1
 Gi1_4063719_x3.....ccgguguAguauaacggcua..... 1
 Gi5_8661905_x3.....uCGUUUUCACCCAGUAGAUCCGG..... 1
 Gi5_8695283_x3.....uccggugugguauCacggcuagcau..... 1
 Gi3_27875945_x3.....agauccggguCcgauucc..... 1
 Gi1_4082016_x3.....uccggugugguauaacggcuagcGu..... 1
 Gi5_8717975_x3.....gguuCucacccaguagauc..... 1
 Gi2_10758007_x3.....guucgauucccggaucUgga..... 1

Gi2_10827838_x3.....guucgGuucccggaucgga..... 1
 Gi1_4081122_x3.....uccggugugguauaacgAc..... 1
 Gi1_4065912_x3.....gguuuucGcccaguagauccgg..... 1
 Gi1_4080987_x3.....guucgaCucccggaucgga..... 1
 Gi5_8660714_x3.....uuuucacccaguagauccgg..... 1
 Gi3_27910985_x3.....gguuuucaccAaguagauccgg..... 1
 G1a_5848951_x3.....ucgauucccggaucggagc..... 0
 Gi3_27870035_x3.....uccggugugguauaacgG..... 1
 Gi5_8702363_x3.....guuuucaccUaguagauccgg..... 1
 Gi5_8667029_x3.....guuuucacccaguagauUcg..... 1
 Gi2_10729522_x3.....uuuucacccUguagauccg..... 1
 Gi3_27968564_x3.....Cguucgauucccggaucgga..... 1
 Gi5_8673041_x3.....guucgauucccCgcaucgg..... 1
 Gi5_8667752_x3.....uccAgugugguauaacggcuagca..... 1
 Gi5_8679317_x3.....uggGuuucacccaguagauccg..... 1
 Gi3_27934463_x3.....uuuucacccaguagauccg..... 1
 Gi1_4072734_x3.....uccgguguUguauaacggcuag..... 1
 Gi2_10791166_x3.....guuuucacccagCagauccg..... 1
 Gi2_10823125_x3.....ucAggugugguauaacggc..... 1
 Gi1_4081473_x3.....ggNuuucacccaguagauccg..... 1
 Gi1_4051158_x3.....gguuuucacccaguGgauc..... 1
 Gi2_10787527_x3.....uAuucacccaguagauccg..... 1
 Gi3_27949637_x3.....guCcgauucccggaucgga..... 1
 Gi3_27968777_x3.....guucgauuccUggcaucg..... 1
 G1a_5847187_x3.....uccggugugguauaacggcuagc..... 1
 G1a_5816140_x3.....gguuuucacccaguagauccgg..... 0
 Gi5_8680493_x3.....guucgaCucccggaucggagc..... 1
 Gi2_10806775_x3.....uccggugugguUuaacggcuag..... 1
 Gi3_27919139_x3.....ucGggugugguauaacggcua..... 1
 Gi1_4069965_x3.....ccggugugguauaacggcuagca..... 1
 Gi2_10756330_x3.....uccggugugguauUacggcua..... 1
 Gi5_8670848_x3.....uccggugugCuauaacggcuagc..... 1
 Gi5_8679272_x3.....gguuGucacccaguagauccgg..... 1
 Gi5_8672990_x3.....gguAuucacccaguagauccgg..... 1
 G1a_5842849_x3.....uccggugugguauGacggc..... 1
 Gi1_4048455_x3.....gguucgauNcccggcaucgg..... 1
 Gi2_10750330_x3.....cgguugugguauaacggcua..... 0
 Gi1_4066101_x3.....Cuuucacccaguagauccgg..... 1
 Gi5_8705408_x3.....uccggugugguCuaacggcuagca..... 1
 Gi3_27911987_x3.....uuuucacccGguagauccg..... 1
 Gi5_8666393_x3.....ugguuuucGcccaguagauccg..... 1
 Gi1_4054461_x3.....uccggugugguauaacAgcu..... 1
 Gi3_27861032_x3.....guAuucacccaguagauccg..... 1
 Gi3_27806615_x3.....uccggugAgguauaacggcuagca..... 1
 Gi3_27968168_x3.....gguuCucacccaguagauccg..... 1
 Gi3_27802667_x3.....gguuuucacAcaguagauccgg..... 1
 Gi3_27859844_x3.....guuuucacccaguGgaucgg..... 1

Gi2_10827193_x3.....ccggugugguauaacggcuagcCu.....1
 Gi5_8674325_x3.....Cguuuucacccaguagauccgg.....1
 Gi1_4078554_x3.....gCucgauucccggaucgg.....1
 Gi3_27949304_x3.....gguucgauucccgAcaucgga.....1
 Gi2_10774831_x3.....gguccggugugguauaacggcuagcaugacu.....0
 Gi2_10731901_x3.....uccggGgugguauaacggc.....1
 Gi2_10742356_x3.....guuuucaUccaguagauccg.....1
 Gi1_4065078_x3.....guagaucgggGucgauucc.....1
 Gi3_27892973_x3.....Gcggugugguauaacggc.....1
 Gi5_8717393_x3.....gguucgauCcccggaucg.....1
 Gi2_10768546_x3.....guuGgauucccggaucgga.....1
 Gi5_8668055_x3.....uguuuuacacccaguagauccA.....1
 Gi3_27906347_x3.....uccggugugguUuaacggcuag.....1
 Gi2_10729819_x3.....ccggugugguauaacggcCa.....1
 Gi3_27931529_x3.....uccgguguggAauaacgg.....1
 Gi1_4071699_x3.....guuuucacccaguGgauccgg.....1
 Gi3_27942374_x3.....gguucgauNcccggaucggagc.....1
 Gi5_8660717_x3.....uuuucacccaguCgauccg.....1
 Gi1_4060185_x3.....cGgguuuuacacccaguagauccgg.....1
 Gl1_5842114_x3.....uccggugugguauaacggcCagc.....1
 Gi1_4079334_x3.....uccggugugguCuaacggcuagcau.....1
 Gi1_4064982_x3.....ccAgugugguauaacggcuagca.....1
 Gi5_8679857_x3.....guucgauucccggaucggagcA.....1
 Gi1_4049088_x3.....cccaguagauccggguucgauCccc.....1
 Gl1_5836006_x3.....gguucgauucccggaCcgagc.....1
 Gi5_8712893_x3.....uccggugugguauaacggUuagca.....1
 Gl1_5815843_x3.....Ggguuuuacacccaguagauccgg.....1
 Gi5_8685869_x3.....guucgauucccggaucggagcuc.....0
 Gi2_10749379_x3.....gguuuucacccaguaAauccg.....1
 Gi1_4052295_x3.....uccNgugugguauaacggcuagc.....1
 Gl1_5865358_x3.....uccgguguggCauaacggcuag.....1
 Gl1_5862724_x3.....gguuuucacccaguagauUg.....1
 Gi2_10742413_x3.....Aguucgauucccggaucg.....1
 Gi5_8693510_x3.....uuuucacAcaguagauccg.....1
 Gi5_8678816_x3.....ccggugugNuuaaacggcua.....1
 Gi3_27919337_x3.....cugguuuuacacccaguagCuc.....1
 Gi1_4062561_x3.....uccgCugugguauaacggcuag.....1
 Gi3_27874970_x3.....cugguuuuGcccaguagauccg.....1
 Gi1_4063287_x3.....ccAgugugguauaacggcuagc.....1
 Gi5_8717837_x3.....guuuucacccaguagauAg.....1
 Gi3_27810005_x3.....cgUuucccggaucggagc.....1
 Gi5_8685383_x3.....guucgauuccAgcaucgga.....1
 Gi5_8705936_x3.....gguucgauucccggaucAgagc.....1
 Gi2_10761280_x3.....guuuUacccaguagauccg.....1
 Gi5_8661173_x3.....Uggugugguauaacggcua.....1
 Gi5_8704736_x3.....Accggugugguauaacggc.....1
 Gi1_4073727_x3.....ucGggugugguauaacggcuagc.....1

Gi2_10821646_x3.....uccUgugugguauaacggc.....1
Gi3_27896012_x3.....uGucacccaguagaucgg.....1
Gi3_27900776_x3.....Aguucgauucccggaucggagc.....1
Gi5_8702753_x3.....uccgguguAguauaacggcuagcau.....1
Gi3_27936176_x3.....ccggugugguauaacggcuagca.....1
Gi1_4051146_x3.....uuuucacccaguagaucggU.....1
Gi2_10816834_x3.....ccggugugguauaacggcua.....1
Gi1_4057236_x3.....ccggugugguauaacggcua.....1
Gi2_10747390_x3.....gCuuuucacccaguagaucgg.....1
Gi5_8715773_x3.....uccgguguggAauaacggcuagca.....1
Gi5_8715941_x3.....gguuuucacccaguaCaucgg.....1
Gi1_4081782_x3.....ugguuuucGcccaguagaucgg.....1
Gi3_27808334_x3.....gguuuucacccagCagaucgg.....1
Gi2_10745173_x3.....uccggugugguauaacggGuagc.....1
Gi3_27931865_x3.....guuuucacccaguagaucCC.....1
Gi3_27931652_x3.....guuuucCcccaguagaucgg.....1
Gi3_27913760_x3.....gguuuucacUcaguagauc.....1
Gi5_8711270_x3.....uccggugugguauaacggcua.....1
G1a_5814838_x3.....uccggugugguauaacggcua.....1
Gi5_8674955_x3.....guGcgauucccggaucgg.....1
Gi1_4080705_x3.....ccggugugguauaacggA.....1
Gi1_4069569_x3.....uccggugugguauaacggcuaC.....1
Gi3_27883382_x3.....guucUauucccggaucgga.....1
Gi3_27919547_x3.....ucAggugugguauaacggcuagca.....1
Gi1_4080150_x3.....uccggugugguauaacggcuagca.....1
Gi1_4058643_x3.....uccggugugguauaacggcuaC.....1
Gi2_10752727_x3.....uccggugugguauaacggc.....1
Gi1_4070898_x3.....guuUgauucccggaucgga.....1
Gi3_27856253_x3.....uuucacccNguagaucgg.....1
Gi3_27810869_x3.....Cgugugguauaacggcua.....1
Gi5_8685830_x3.....guucgauuccUggcaucgga.....1
Gi2_10822453_x3.....cGggugugguauaacggcuagc.....1
Gi2_10801297_x3.....uccggugugguauaacggcuagUau.....1
G1a_5854729_x3.....gGgguauaacggcuagca.....1
Gi2_10760257_x3.....uccggugugguauaacggUuagcau.....1
Gi1_4076676_x3.....uccggugugguauaacggcuagc.....1
Gi1_4063659_x3.....ugguuuucacccaguagauc.....0
Gi5_8690720_x3.....Aguucgauucccggaucggagc.....1
Gi3_27908048_x3.....uccUgugugguauaacggcuagcau.....1
G1a_5830480_x3.....uccggugugguauaacAgcua.....1
Gi1_4062171_x3.....guagGuuccggguucgauuccc.....1
Gi1_4048203_x3.....ccggugugNuauaacggcua.....1
Gi3_27815168_x3.....uccggugugguauaacAgg.....1
Gi3_27930353_x3.....guCuucacccaguagauc.....1
Gi3_27931373_x3.....uccNugugguauaacgg.....1
G1a_5830864_x3.....uccggugugguauaacggcuag.....1

Gi2_10783369_x3.....guGcgauucccggaucgga.....1
 Gi2_10788925_x3.....gguuuucaNccaguagauc.....1
 Gi1_4050822_x3.....guuuucacccGguagaucg.....1
 Gi1_4078239_x3.....uccggugugguaGaacggcuag.....1
 Gi2_10794034_x3.....gguuuuUacccaguagaucg.....1
 G1a_5861779_x3.....Ggguuucacccaguagaucg.....1
 Gi5_8674973_x3.....gguuuucacccaguagaucgA.....1
 Gi2_10779739_x3.....guucgauucccggcUucgga.....1
 G1a_5846191_x3.....uccggugugguauaaUggcuagc.....1
 Gi5_8652095_x3.....cggugugguauGacggcuagc.....1
 Gi3_27892007_x3.....guuuucacccaguagaucgC.....1
 Gi5_8668988_x3.....gguuuucacccaguaAaucgg.....1
 Gi2_10805299_x3.....uuuAcacccaguagaucg.....1
 Gi1_4076229_x3.....gguGuucacccaguagaucg.....1
 Gi4_550038_x3.....guucgauucccggaucggagcCc.....1
 Gi1_4051560_x3.....gguuuucacccaUuagaucg.....1
 Gi3_27871841_x3.....uAcggugugguauaacggcua.....1
 Gi3_27931571_x3.....guucgauucccggaucgg.....1
 Gi1_4070406_x3.....uccggugugguauaaGggcuag.....1
 Gi5_8674196_x3.....gCucgauucccggaucg.....1
 Gi1_4075863_x3.....gguucgauucccggaucggagc.....0
 G1a_5872225_x3.....gAuuuucacccaguagaucg.....1
 Gi3_27835466_x3.....guuuucaccAaguagaucgg.....1
 Gi3_27969260_x3.....guucgauucccggaucggagcuc.....0
 Gi1_4087995_x3.....uuuucacccGguagaucg.....1
 Gi2_10736287_x3.....ggCuucacccaguagaucgg.....1
 Gi3_27835703_x3.....uccggGgugguauaacggcuagca.....1
 Gi1_4070847_x3.....guucgauuccUggcuagcga.....1
 Gi5_8694038_x3.....uccggugugguauUacggcua.....1
 Gi5_8688782_x3.....uuuucacccagCagaucg.....1
 Gi3_27967595_x3.....ggugugguauaGcggcua.....1
 Gi5_8671673_x3.....uccgguAugguauaacgg.....1
 Gi3_27858512_x3.....uccgguguggAauaacggcuagca.....1
 Gi2_10797823_x3.....uuuucacccaguagaucUg.....1
 Gi3_27871901_x3.....uccggugugguauaUcgg.....1
 G1a_5821729_x3.....Auuuucacccaguagaucg.....1
 Gi5_8684414_x3.....agaucggggGucgauucc.....1
 Gi2_10756537_x3.....ccggugugNuauaacggcuag.....1
 Gi3_27919664_x3.....guuuucacccUguagaucgg.....1
 Gi3_27815717_x3.....ugguuuucacUcaguagauc.....1
 Gi3_27897497_x3.....cugguuuucacccagCagaucg.....1
 Gi5_8663117_x3.....uccggugAgguauaacggc.....1
 Gi3_27973295_x3.....uccggugugguGuaacggcu.....1
 Gi1_4062531_x3.....uccggugugguauaacggGuagc.....1
 Gi2_10820245_x3.....guuNucacccaguagaucg.....1
 Gi3_27800918_x3.....Aguucgauucccggauc.....1
 Gi2_10749850_x3.....uccgAugugguauaacggcuagca.....1

Gi1_4083231_x3.....ccggGgugguauaacggcuagcau..... 1
Gi1_4061655_x3.....Accggugugguauaacggcuagcau..... 1
Gi1_4065252_x3.....uccggugugCuauaacggcuagcau..... 1
Gi3_27913643_x3.....agauccggguucgUuuccc..... 1
Gi2_10779139_x3.....guuCucacccaguagaucc..... 1
Gi1_4080144_x3.....guuuAcacccaguagaucg..... 1
Gi1_4056813_x3.....uuuucacccaguagUuccg..... 1
Gi3_27843695_x3.....gguuuucacccUguagaucgg..... 1
Gi3_27909290_x3.....Cuucacccaguagaucg..... 1
Gi3_27799799_x3.....gguuuucacccaguagaucUgg..... 1
Gi3_27799433_x3.....uccgguguCguauaacggcuagca..... 1
Gi3_27930545_x3.....Augugguauaacggcuagc..... 1
Gi2_10804111_x3.....guuuAcacccaguagaucg..... 1
Gi5_8677193_x3.....guuuucacccaguagaucAg..... 1
Gi3_27946844_x3.....uccggugugguauaacgCcuagca..... 1
Gi2_10750093_x3.....uccggugugAuauaacgg..... 1
G1a_5823520_x3.....guuuucacccaguagGuccg..... 1
Gi5_8682401_x3.....gguuuucacccaguagaCc..... 1
Gi1_4058883_x3.....gguucgauucccggaucggagcCc..... 1
Gi5_8705147_x3.....gguuuAcacccaguagaucgg..... 1
Gi2_10767637_x3.....uccggugugguauUacggc..... 1
Gi1_4078635_x3.....guucgauucccUgcaucgg..... 1
Gi2_10735768_x3.....uccgguguggAauaacggcuagca..... 1
Gi2_10783282_x3.....Gcaguagaucggguucgauuccc..... 1
Gi5_8681774_x3.....uccggugugAuauaacggcuagca..... 1
Gi5_8654879_x3.....ucGggugugguauaacggcuag..... 1
Gi1_4071456_x3.....uAguuuucacccaguagaucgg..... 1
Gi3_27929888_x3.....gguucgauucccggcCuc..... 1
Gi2_10777432_x3.....guuuucacccaguagaAcc..... 1
Gi3_27853196_x3.....uccgguAugguauaacggcuag..... 1
Gi2_10748584_x3.....uccggugugguauaacggcuAca..... 1
Gi1_4082841_x3.....Uuucgauucccggaucggagc..... 1
Gi1_4059573_x3.....guagaucggggCucgauuccc..... 1
Gi3_27978188_x3.....uCuucacccaguagaucgg..... 1
Gi1_4069620_x3.....Ucggugugguauaacggcuagc..... 1
Gi1_4053957_x3.....uccggugugguauUacggcuagc..... 1
Gi5_8671454_x3.....gCuuuacacccaguagaucgg..... 1
Gi1_4056960_x3.....uccggugugguauaacCgcu..... 1
Gi3_27969617_x3.....uccgCugugguauaacggcuagca..... 1
G1a_5837905_x3.....uccggCgugguauaacggc..... 1
Gi2_10801639_x3.....guucgauuNccggcaucgga..... 1
Gi5_8706029_x3.....uAcggugugguauaacggcuagcau..... 1
Gi5_8666495_x3.....ucacccagCagaucggguu..... 1
Gi2_10782013_x3.....uuucacccaguGgaucg..... 1
Gi2_10808443_x3.....gguuuucacccaguagaUcg..... 1
Gi1_4048410_x3.....uccggugugguauaacggAuagc..... 1
Gi1_4062429_x3.....uccggugugguauGacgg..... 1

Gi2_10806859_x3.....gguucgaCucccggaucgg..... 1
Gi3_27947303_x3.....uccUgugugguauaacgg..... 1
Gi5_8698667_x3.....uccggugugguauaacggU..... 1
Gi3_27863342_x3.....uccggugugguauaacggcuaUca..... 1
Gi1_4060230_x3.....gguucgauucUcggcaucgga..... 1
Gi2_10825780_x3.....guCcgauucccggaucgga..... 1
Gi5_8677106_x3.....gguuuucacccaguGgauc..... 1
Gi1_4073706_x3.....gguuuucCcccaguagaucgg..... 1
Gi3_27850286_x3.....uccggugugguauaacggcGa..... 1
Gi5_8680103_x3.....uccggugugguauaacgA..... 1
Gi3_27805679_x3.....gguucgauucccgUauc..... 1
Gi3_27829739_x3.....gguucgauucccggcUucgg..... 1
Gi2_10814890_x3.....uccggGgugguauaacgg..... 1
Gi2_10745689_x3.....ugguuuucacccGguagaucgg..... 1
Gi1_4060896_x3.....uccggugugguCaacggcuagcau..... 1
Gi2_10743070_x3.....gguuuucaccAaguagaucgg..... 1
Gi5_8683721_x3.....cggCgugguauaacggcua..... 1
Gi3_27934010_x3.....ucAggugugguauaacggcua..... 1
Gi5_8678387_x3.....uccNgugugguauaacggcuag..... 1
Gi3_27879785_x3.....uccgCugugguauaacggcuagcau..... 1
Gi2_10727530_x3.....uuCcaccaguagaucgg..... 1
Gi5_8657621_x3.....ggGucgauucccggaucgg..... 1
Gi1_4076922_x3.....Accggugugguauaacggc..... 1
Gi3_27903629_x3.....aGccggguucgauucccggaucggag..... 1
Gi5_8701718_x3.....Gccggguucgauucccggc..... 1
Gi2_10776901_x3.....uagaucggguucgGuucc..... 1
Gi1_4059240_x3.....ccgguguggCauaacggcuagca..... 1
Gi5_8653361_x3.....uccggugugguUuaacggc..... 1
Gi2_10752994_x3.....guCcgauucccggaucggagc..... 1
Gi5_8669228_x3.....uccgUugugguauaacggc..... 1
Gi3_27838190_x3.....ggAuuucacccaguagauc..... 1
Gi3_27911078_x3.....gguCuucacccaguagauc..... 1
Gi1_4051845_x3.....uccggugugguCaacggcu..... 1
Gi1_4075527_x3.....gguuuucacccUguagaucgg..... 1
Gi5_8668949_x3.....uccggugugguauaUcggcuagcau..... 1
Gi2_10820410_x3.....uuuucUcccaguagaucgg..... 1
Gi2_10773634_x3.....gguucgauCcccggcauc..... 1
Gi5_8708906_x3.....gguucgauucccggaucgAagc..... 1
Gi3_27824258_x3.....auccggguNcgauuccggca..... 1
Gi1_4069026_x3.....guuuucacccaguagGuccgg..... 1
G1a_5835445_x3.....Cuucacccaguagaucgg..... 1
Gi1_4063956_x3.....uccggugugguauaaGggcuagc..... 1
Gi1_4069140_x3.....guagaucggguucgCuuccc..... 1
Gi5_8669981_x3.....guuuucacccCguagauc..... 1
Gi1_4075746_x3.....uuGucacccaguagaucgg..... 1
Gi2_10746625_x3.....gguucgauucUcggcaucgga..... 1
Gi3_27868688_x3.....guagaucggguucgGuu..... 1

Gi3_27849536_x3.....uccggCgugguauaacggcu.....1
 Gi1_4068642_x3.....gAucgauucccggaucgg.....1
 Gi2_10728229_x3.....uccggugugguauaacggcuagcaA.....1
 Gi3_27908162_x3.....uuuuUacccaguagaucgg.....1
 Gi2_10776355_x3.....uccggugugguauaCcgguag.....1
 Gi3_27972089_x3.....gguuuucacccaguagaucgUg.....1
 Gi5_8684573_x3.....uguuuuucacccGguagaucgg.....1
 Gi1_4059402_x3.....uuAucacccaguagaucgg.....1
 Gi5_8661665_x3.....gguucgauNcccggaucgg.....1
 Gi3_27859898_x3.....uguuuuucacccCguagaucgg.....1
 Gi5_8670800_x3.....uccggugugguauaacAg.....1
 Gi5_8700620_x3.....uguuuuucacccaguGgaucc.....1
 Gi5_8713796_x3.....uccgguguUguauaacggcuagc.....1
 Gi1_4048407_x3.....uccgUugugguauaacggcu.....1
 Gi2_10741051_x3.....uccggugugguauaacggcuUgc.....1
 Gi3_27923225_x3.....uccggugugguuaGaacggcuagcau.....1
 Gi3_27919400_x3.....gguucgGuucccggaucg.....1
 Gi5_8698235_x3.....uccggugugguauaacggcuacC.....1
 Gi3_27874019_x3.....accaguagaucggggCucgauucc.....1
 Gi3_27927491_x3.....gguucgGuucccggaucggga.....1
 Gi2_10807810_x3.....gguucgauuccCgcauc.....1
 Gi3_27942170_x3.....uccggugugguauaCcggu.....1
 Gi2_10799305_x3.....uuucacccNguagaucgg.....1
 Gi5_8675912_x3.....gguccggugCgguauaacggc.....1
 Gi3_27814604_x3.....gguucgauuccAgcaucggga.....1
 Gi3_27906407_x3.....guuuucacAcaguagaucgg.....1
 Gi1_4068717_x3.....gguucgauucccggaucggga.....1
 Gi2_10729465_x3.....guucgauuccAgcaucggag.....1
 Gi1_4062090_x3.....uccggugugguauaUcgg.....1
 Gi2_10787779_x3.....ccggugugguauaacggcCagc.....1
 Gi5_8679887_x3.....guuuucacccaguagUuccg.....1
 Gi5_8681396_x3.....guuuucaUccaguagaucgg.....1
 Gi5_8675249_x3.....uguuuuucacccaguagGuc.....1
 Gi1_4065945_x3.....uccgCugugguauaacggcuagc.....1
 Gi5_8660360_x3.....uguuuuucaccUaguagauc.....1
 Gl1a_5834383_x3.....uUcggugugguauaacggcuagc.....1
 Gi1_4061913_x3.....ugguuCucacccaguagaucgg.....1
 Gi2_10768615_x3.....guuuucacccaguagau.....0
 Gi2_10789591_x3.....cGggugugguauaacggcu.....1
 Gi1_4048659_x3.....ccggugugguGuaacggcuagca.....1
 Gi1_4057482_x3.....uccggugugguauaacggAuagca.....1
 Gi2_10823020_x3.....uccggugugguauaaUggcu.....1
 Gi5_8716868_x3.....uuuucGcccaguagaucgg.....1
 Gi3_27909311_x3.....uuucacccaguCgaucgg.....1
 Gi3_27850040_x3.....uguuuuucacccaguagaCccg.....1
 Gi2_10736026_x3.....gguAaucacccaguagaucgg.....1
 Gi1_4080939_x3.....guucgauucccggaucgg.....1

Gi2_10740256_x3.....guucgauucccggaucCg..... 1
 Gi2_10730089_x3.....gCucgauucccggaucggagc..... 1
 Gi2_10762795_x3.....ggAucgauucccggauc..... 1
 Gi2_10804750_x3.....uuucacccaguUgaucg..... 1
 G1a_5859940_x3.....gguuuucaUccaguagaucg..... 1
 Gi2_10811518_x3.....gguuuucacNcaguagauc..... 1
 Gi3_27951560_x3.....ccAgugugguauaacggcua..... 1
 G1a_5845033_x3.....gguuuucacccaguagauAcg..... 1
 G11_4053708_x3.....uccggugugguauaacggU..... 1
 Gi3_27953399_x3.....uccggugugguauaUcggcuagcau..... 1
 Gi3_27886424_x3.....uccggugugguauaacggUuagcau..... 1
 Gi3_27972338_x3.....uccggugugguauaCcg..... 1
 Gi2_10742653_x3.....gguuuucacAcaguagaucg..... 1
 Gi5_8697191_x3.....guuuucacAcaguagaucg..... 1
 Gi3_27799592_x3.....uuucacccaguagaCccg..... 1
 Gi5_8698661_x3.....uccggugugguauaaGggcuagc..... 1
 Gi5_8661605_x3.....uccggugugguCaacggc..... 1
 Gi5_8671709_x3.....uccggugugguauaacggcuagAaugacu..... 1
 Gi2_10794052_x3.....Cuuuucacccaguagaucg..... 1
 G1a_5859016_x3.....uucgauucccggaucggagc..... 0
 Gi2_10770028_x3.....uccggugugguauaacgCcuagca..... 1
 Gi5_8661842_x3.....uccAgugugguauaacgg..... 1
 Gi3_27894377_x3.....Ucggugugguauaacggcuagca..... 1
 Gi5_8695745_x3.....ucgauucccggaucggagcCc..... 1
 Gi2_10813588_x3.....uccggugugguauaaAggcuagc..... 1
 Gi2_10733953_x3.....cggugugguGuaacggc..... 1
 Gi2_10739305_x3.....uccggugugAuuaaacggcuag..... 1
 G11_4083381_x3.....uccggAgugguauaacggc..... 1
 Gi3_27846053_x3.....gguucgaCucccggauc..... 1
 Gi3_27906257_x3.....guucgauucccggaucUgg..... 1
 Gi2_10783615_x3.....uuucaccUaguagaucg..... 1
 Gi3_27930623_x3.....Gugguuuucacccaguagauc..... 1
 G1a_5843056_x3.....uccggugugguauaacggcuagU..... 1
 Gi3_27892181_x3.....gguuuucacccaguCgauc..... 1
 Gi3_27820805_x3.....uccggugAgguauaacggcuag..... 1
 Gi5_8690444_x3.....gguuuucaNccaguagauc..... 1
 Gi2_10768699_x3.....uccggugugguCuaacggcu..... 1
 Gi3_27868481_x3.....uccggugugguauaaGggcua..... 1
 Gi3_27892961_x3.....guucgauucUcggcaucgga..... 1
 Gi5_8692082_x3.....guuuucacUcaguagaucg..... 1
 Gi3_27845045_x3.....Gcgauucccggaucgga..... 1
 Gi3_27855719_x3.....uccggugugguauaacgCcu..... 1
 Gi5_8661455_x3.....uccggugugguauaacUgcuauc..... 1
 Gi3_27976319_x3.....cggugugguNauaacggcua..... 1
 Gi5_8712998_x3.....gguccgguNugguauaacggc..... 1
 Gi3_27812201_x3.....guCcgauucccggaucgga..... 1
 G11_4067535_x3.....uccggugugguauGacggc..... 1

Gi2_10751995_x3.....uuucGcccaguagauccgg.....1
 Gi1_4068183_x3.....gguuuucacccaguUgauccg.....1
 G1a_5831794_x3.....Uuucgauucccggaucgga.....1
 Gi5_8710565_x3.....cUgugugguauaacggcu.....1
 Gi1_4070835_x3.....guuuucaccUaguagauccgg.....1
 Gi5_8669924_x3.....guuuucacccaguagCuccg.....1
 Gi5_8665622_x3.....gguuuucacccagCagauc.....1
 Gi2_10741990_x3.....gguucgauucccggaucA.....1
 Gi3_27821297_x3.....guucgauucccCgcaucgga.....1
 Gi1_4061523_x3.....ccggCgugguauaacggcua.....1
 Gi1_4059138_x3.....ucUggugugguauaacggcu.....1
 Gi1_4052487_x3.....gguuuucacccaguagCuccg.....1
 Gi3_27910382_x3.....cgauucccggaucggGgc.....1
 Gi2_10826050_x3.....gguCuucacccaguagauc.....1
 Gi3_27870737_x3.....uccggugugguauaacggcuagGa.....1
 Gi5_8653712_x3.....gguuuucacccCguagauc.....1
 Gi3_27961244_x3.....guucAauucccggaucgg.....1
 Gi5_8710091_x3.....ugguuuucacccagCagauccg.....1
 Gi1_4076199_x3.....gguuuucacccaguGgauccgg.....1
 Gi3_27873452_x3.....guagauccggguucgauC.....1
 Gi3_27969839_x3.....ugguuuucaUccaguagauccg.....1
 G1a_5836624_x3.....uccggCgugguauaacggcuagc.....1
 Gi3_27908711_x3.....ggugugguCuaacggcua.....1
 Gi1_4052643_x3.....uccggugugguauaacggcAag.....1
 Gi3_27951860_x3.....guucgauucAcggcaucgg.....1
 Gi3_27946601_x3.....guagauccggCucgauuccc.....1
 Gi2_10827007_x3.....uccggugugguauaaAggcuagca.....1
 Gi2_10759363_x3.....uccggugugguauaGcggcu.....1
 Gi3_27979892_x3.....uggAuuucacccaguagauc.....1
 Gi3_27915386_x3.....Ggauucccggaucggag.....1
 Gi5_8688914_x3.....guucgauucccggaucgggGucggagcucu.....1
 G1a_5840443_x3.....uccggugugguauaacAgcuag.....1
 Gi2_10801552_x3.....uccgguAugguauaacggcua.....1
 Gi5_8660225_x3.....gguucgGuucccggauc.....1
 Gi1_4048362_x3.....gGucgauucccggaucg.....1
 Gi3_27811715_x3.....uCucacccaguagauccg.....1
 Gi5_8693561_x3.....guuuucacccaguCgauccg.....1
 Gi5_8678702_x3.....uccggGugguauaacggcuagcau.....1
 Gi1_4072113_x3.....gguucgauucccggaucgggagcC.....1
 Gi3_27896066_x3.....ccggCgugguauaacggcua.....1
 Gi1_4080156_x3.....uccUgugugguauaacggcuagca.....1
 Gi5_8707598_x3.....gauccggguucgauucccgga.....0
 Gi5_8713400_x3.....gCuuuucacccaguagauccgg.....1
 Gi1_4076415_x3.....guuuCcaccaguagauccgg.....1
 Gi1_4081320_x3.....uccgguAugguauaacggcuagcau.....1
 Gi1_4089018_x3.....guuuucacccaguCgauccg.....1
 Gi2_10781590_x3.....uucacccaNuagauccgg.....1

G1a_5842102_x3.....ggAuuucacccaguagaucgg..... 1
 Gi5_8651744_x3.....ugguuucacccaguagCuccg..... 1
 Gi5_8655101_x3.....uccggugugguUuaacggcuag..... 1
 Gi3_27962237_x3.....ccggugugguauaacggcuagcau..... 0
 Gi1_4064313_x3.....ggugCgguauaacggcuagcau..... 1
 Gi3_27937031_x3.....guucgGuuccggcaucg..... 1
 G1a_5858026_x3.....uGcggugugguauaacggcuagcau..... 1
 Gi3_27861416_x3.....gguucgauNcccggcaucggag..... 1
 Gi5_8685596_x3.....uccggugugguAaacggcua..... 1
 Gi3_27851648_x3.....cGcggcaucggagcucuuu..... 1
 Gi5_8701040_x3.....ugguuucacccaguagaucAg..... 1
 Gi2_10818376_x3.....uccggugugguauGacggcuag..... 1
 Gi2_10768861_x3.....gguCcgauuccggcauc..... 1
 Gi2_10814140_x3.....uccggugugguauGacggcuagcau..... 1
 Gi1_4073580_x3.....uccggugugguauGacggcuagc..... 1
 Gi3_27935366_x3.....guucgauucUcggcaucgg..... 1
 Gi3_27862880_x3.....guuCucacccaguagauc..... 1
 Gi5_8711105_x3.....cggugugguGuaacggcuagc..... 1
 Gi2_10734586_x3.....uccggugugguauaacggcuaA..... 1
 Gi3_27934172_x3.....uuucaccAaguagaucgg..... 1
 Gi5_8669630_x3.....uccggugugguauaacggA..... 1
 Gi3_27854057_x3.....aucggguNcgauuccggcaucgga..... 1
 Gi3_27894980_x3.....gguuuucacccaUuagauc..... 1
 Gi2_10826527_x3.....uccggugugguauaacggcuU..... 1
 Gi5_8689130_x3.....uuucacAcaguagaucgg..... 1
 Gi5_8664308_x3.....uccggAgugguauaacggcuag..... 1
 Gi3_27817193_x3.....Nccggugugguauaacggcuagc..... 1
 Gi3_27977807_x3.....uccggugugUuauaacggcua..... 1
 Gi3_27944483_x3.....ugguuucNcccaguagaucgg..... 1
 Gi3_27869627_x3.....uccggugugguauaacgUcuag..... 1
 G1a_5827492_x3.....uccggugugguCaacggcuagc..... 1
 G1a_5847103_x3.....uccggugugguauaGcggc..... 1
 Gi3_27925691_x3.....gGgugguauaacggcuagca..... 1
 Gi2_10767157_x3.....ccaguGgauccggguucgauucc..... 1
 Gi1_4076514_x3.....Auuucacccaguagaucgg..... 1
 Gi1_4062351_x3.....uccgguguCguauaacggcua..... 1
 Gi3_27966776_x3.....guucgaCuuccggcaucggagc..... 1
 Gi3_27974918_x3.....ugguuucacccaguagCuc..... 1
 G1a_5836987_x3.....gCuuuucacccaguagaucgg..... 1
 Gi3_28065872_x2.....cccaguagNuccggguucgauucc..... 1
 Gi3_28140212_x2.....gguucgaCuuccggcaucg..... 1
 Gi5_8745465_x2.....guucgauuUccggcaucg..... 1
 Gi1_4090899_x2.....ccggugugguauaacggcCag..... 1
 Gi2_10838125_x2.....ccgguguAguauaacggcua..... 1
 Gi2_10870705_x2.....gguucgauuccggcaAcggagc..... 1
 Gi2_10901445_x2.....uccgguguUguauaacggcuagc..... 1
 Gi3_28057414_x2.....gguccggugugguCaacggcuagcauga..... 1

Gi3_28088074_x2.....guuuuacccaAuagauccg..... 1
 Gi5_8744947_x2.....guucgauuccUggcaucg..... 1
 Gi3_28065536_x2.....agaucUggguucgauucc..... 1
 Gi1_4095527_x2.....ccggGgugguauaacggcuagc..... 1
 Gi1_4130235_x2.....uccgguguggGauaacggcuag..... 1
 Gi2_10987769_x2.....cGggugugguauaacggc..... 1
 Gi3_28140590_x2.....guucgauucccgAcaucggagc..... 1
 Gi1_4089297_x2.....guAuucacccaguagauccgg..... 1
 Gi1_4130677_x2.....ccgguguAguauaacggcuagc..... 1
 Gi3_28180718_x2.....aCaucggguucgauucc..... 1
 Gi3_28017590_x2.....gauccgggNucgauucc..... 1
 Gi5_8799915_x2.....gguGuucacccaguagauccgg..... 1
 Gi2_10871563_x2.....gguucgauucccgAcaucggagc..... 1
 Gi1_4093809_x2.....uccggugugUuuuacggcuag..... 1
 Gi1_4132473_x2.....uccggugugguauaUcggcuagc..... 1
 Gi1_4153969_x2.....uccggugAgguauaacggcuagcau..... 1
 Gi3_28160916_x2.....gAuucacccaguagauccgg..... 1
 Gl1_5894184_x2.....uccggugCgguauaacggcuagc..... 1
 Gi2_10871393_x2.....gguuuuacccaUuagauccg..... 1
 Gi3_28124884_x2.....Cuagauccggguucgauucc..... 1
 Gi2_10906603_x2.....guucgauAcccggcaucgg..... 1
 Gl1_5946508_x2.....ugguuCucacccaguagauc..... 1
 Gi1_4147745_x2.....ccggugugguauaaUggcuagca..... 1
 Gi3_28161666_x2.....ccggugugNuauaacggcuagca..... 1
 Gi3_28020220_x2.....gguuuuacccaguagaCcc..... 1
 Gi3_28008766_x2.....cCgugugguauaacggcu..... 1
 Gi5_8720441_x2.....uccggugugguUuuacggcuagcaugacu..... 1
 Gi2_10843895_x2.....uccggugGgguauaacggcu..... 1
 Gi5_8814561_x2.....gguuuucacGcaguagauccgg..... 1
 Gi1_4110669_x2.....ccgAugugguauaacggcuagcau..... 1
 Gi5_8790847_x2.....gguuuucaAccaguagauccgg..... 1
 Gi3_27988878_x2.....uuucacccaguagaucUg..... 1
 Gi5_8826711_x2.....uccUgugugguauaacggc..... 1
 Gi3_28258374_x2.....uccggugugguauaaGggcuagcau..... 1
 Gi5_8820535_x2.....ugguuuuacccaguagGuccgg..... 1
 Gi2_10866165_x2.....uccggugugguauaacAgcu..... 1
 Gi5_8721353_x2.....ucAggugugguauaacggcuag..... 1
 Gi5_8809849_x2.....uuuAcacccaguagauccgg..... 1
 Gi4_554508_x2.....uccggugugguauaaUggcuagc..... 1
 Gi5_8769843_x2.....uAcggugugguauaacggcuagc..... 1
 Gi3_28202828_x2.....guucgauuccAgcaucggagc..... 1
 Gl1_5935240_x2.....cugguuuuacccaAuagauc..... 1
 Gi3_28210200_x2.....gCuuuuacccaguagauccgg..... 1
 Gi3_28220474_x2.....gguuuuacccaguaCaucgg..... 1
 Gl1_5937834_x2.....uccgguguNguauaacggcu..... 1
 Gi3_28175786_x2.....Ggauccggguucgauucc..... 1
 Gi5_8789535_x2.....guucgauuccggcauAgg..... 1

Gi1_4142211_x2.....uccggugugguauaacggcuagAau..... 1
 Gi3_28016152_x2.....gguCcgauuccggcaucg..... 1
 Gi1_4091641_x2.....uuuucacccaguagaCccg..... 1
 Gi2_10936683_x2.....ccggugugguauGacggc..... 1
 Gi1_4125515_x2.....Cucacccaguagaucgg..... 1
 Gi1_4110661_x2.....gguuuucUcccaguagaucgg..... 1
 Gi1_4148309_x2.....cagCagaucggguucgauu..... 1
 Gi5_8741443_x2.....uGcggugugguauaacggcuagcaugacu..... 1
 G1a_5932430_x2.....uccgCugugguauaacggcuagc..... 1
 Gi1_4144467_x2.....cGggugugguauaacggcuagcau..... 1
 Gi2_10930727_x2.....guucgauCcccggaucgga..... 1
 Gi2_10972465_x2.....ccgAugugguauaacggc..... 1
 Gi2_10964089_x2.....Gucgauucccggaucgga..... 1
 Gi2_10926939_x2.....uccggugugguuaCaacggcu..... 1
 G1a_5892508_x2.....guucgauucccggaucggagcCc..... 1
 Gi2_10984631_x2.....gguGuucacccaguagaucgg..... 1
 Gi2_10903417_x2.....ccggugugguauaacggcuagca..... 0
 Gi5_8755651_x2.....uccggugugguauaacggAuagcau..... 1
 Gi5_8726155_x2.....uAguuuucacccaguagaucgg..... 1
 Gi2_10943685_x2.....gguuUgauuccggcaucgg..... 1
 Gi3_28077448_x2.....uccgguguggAauaacggcuag..... 1
 Gi2_10961527_x2.....ccaguagaucggUguucgauucc..... 1
 Gi5_8758937_x2.....Auuucacccaguagaucgg..... 1
 Gi3_28025888_x2.....uuuucacccagCagaucgg..... 1
 Gi1_4121591_x2.....ggugugguauCacggcuagc..... 1
 Gi5_8814341_x2.....gUuccggugugguauaacgg..... 1
 Gi2_10866945_x2.....ccggugugguauCacggcuagcau..... 1
 Gi3_28127586_x2.....uccggugugCuauaacggcu..... 1
 Gi3_28032328_x2.....guucgauucccggaucgga..... 1
 Gi3_28124550_x2.....aguagaucggguucgauuUc..... 1
 Gi1_4152793_x2.....uNuucacccaguagaucgg..... 1
 Gi1_4109245_x2.....uggCuuuacccaguagaucgg..... 1
 Gi3_28210446_x2.....gguucgauucccggaucggagcucu..... 0
 Gi1_4129215_x2.....uccggCgugguauaacggcuagcauga..... 1
 Gi1_4097437_x2.....guuuucacccaguagauAaccg..... 1
 Gi5_8827983_x2.....cggugugguauaacggcuagU..... 1
 Gi1_4101377_x2.....uccggugugAuauaacggcuagc..... 1
 Gi1_4138203_x2.....ccggugugguauaacggcuAca..... 1
 Gi1_4131033_x2.....uccggugugguauaaUggcuagcau..... 1
 Gi2_10953547_x2.....guucgauucccggaucggc..... 1
 Gi3_28220292_x2.....guuuucacccaguagauGcgg..... 1
 Gi2_10869101_x2.....uccggugugguauaaUggcuagcau..... 1
 Gi2_10917335_x2.....guucUauucccggaucgga..... 1
 Gi3_28003380_x2.....ucGggugugguauaacggcuagcau..... 1
 Gi3_28122594_x2.....guagaucggguucgGuucc..... 1
 Gi2_10937359_x2.....ccggugugguauaaUggcuag..... 1
 Gi1_4109781_x2.....ccggugCgguauaacggcuagca..... 1

Gi1_4091755_x2.....guuuAcaccaguguagauccgg..... 1
Gi3_28022938_x2.....uuGcaccaguguagauccgg..... 1
Gi1_4155951_x2.....uccggAgugguauaacgg..... 1
Gi1_4157321_x2.....cugguuucGcccaguguagauccgg..... 1
Gi5_8800211_x2.....guuuucaccaguguagGuccgg..... 1
Gi3_28118588_x2.....gAuuuucaccaguguagaucc..... 1
Gi5_8719407_x2.....gguuuucacccaUuagauccgg..... 1
Gi2_10976449_x2.....ccggugugguauaaUggcua..... 1
Gi5_8753875_x2.....guucgauucccggaucUg..... 1
Gi1_4119903_x2.....cggugugguauaacggcuCgca..... 1
Gi2_10912845_x2.....uccggugugguauaaAgg..... 1
Gi2_10919643_x2.....uuuCcaccaguguagaucc..... 1
Gi5_8763975_x2.....Cguucgauucccggaucggagc..... 1
Gi1_4107487_x2.....gCucgauucccggaucgga..... 1
Gi5_8819257_x2.....gAuuuucaccaguguagauccgg..... 1
Gi5_8784155_x2.....guuUgauucccggaucgga..... 1
Gi5_8804979_x2.....uccggGugguauaacggcuagca..... 1
Gi2_10901571_x2.....ccggguucgauuccgggcCucgga..... 1
Gi2_10846151_x2.....guucgauuccUgcaucgga..... 1
Gi1_4096435_x2.....ccUgugugguauaacggcua..... 1
Gi5_8829203_x2.....ccggCgugguauaacggcuag..... 1
Gi5_8758133_x2.....uccgguguUguauaacgg..... 1
Gi2_10980101_x2.....ggugugguauCacggcuagc..... 1
Gi1_4093009_x2.....uccggugugguUuaaacggcua..... 1
Gi5_8776347_x2.....ucGggugugguauaacggcuagc..... 1
Gi2_10831117_x2.....Gccggugugguauaacggcuagcaugacug..... 1
Gi2_10888327_x2.....guucgauuccgggcUucgg..... 1
Gi5_8737151_x2.....uAcggugugguauaacgg..... 1
Gi3_28137742_x2.....Ucggugugguauaacggcuag..... 1
Gi3_28139048_x2.....uccggugugAuauaacgg..... 1
Gi4_554698_x2.....guucgauuccgggcCucgg..... 1
Gi1_4113341_x2.....uAcggugugguauaacggcuagca..... 1
Gi5_8752015_x2.....guuUgauucccggaucggagc..... 1
Gi5_8758055_x2.....guucgauuccgggcCucgg..... 1
G1a_5939692_x2.....uccggguucgCuuccggca..... 1
Gi2_10986145_x2.....gguucgauucAcggcaucggagc..... 1
G1a_5949962_x2.....uGcggugugguauaacggcua..... 1
Gi3_28156034_x2.....uguuuucaccaguguagUuccg..... 1
Gi1_4138501_x2.....uccgguCugguauaacggcuag..... 1
Gi3_28231708_x2.....ggugugguauaacggcuG..... 1
Gi3_28104460_x2.....Cguucgauucccggauc..... 1
Gi5_8813967_x2.....guuuucaccaguguagCuccgg..... 1
Gi1_4136115_x2.....uccggugugguauaaUgg..... 1
Gi3_28179080_x2.....uuuucCcccaguguagauccg..... 1
Gi3_28027082_x2.....Gggugugguauaacggcua..... 1
Gi3_28097658_x2.....gguuuucaccaguguagauCA..... 1
Gi5_8794805_x2.....gguuuuAaccaguguagauccgg..... 1

Gi3_28020616_x2.....ccAgugugguauaacggcuagca..... 1
 Gi3_28081876_x2.....guagauccggguucgCuucc..... 1
 Gi2_10941623_x2.....gguuuucacccaguagGuc..... 1
 Gi3_28014094_x2.....gguucgauucUcggcaucgga..... 1
 Gi5_8826937_x2.....Cuucgauuccggcaucgg..... 1
 Gi2_10889521_x2.....gguucgauNcccggcaucggag..... 1
 Gi3_28101032_x2.....uccggugugguauaacAgcu..... 1
 Gi3_28221804_x2.....cGggugugguauaacggc..... 1
 Gi2_10916245_x2.....uccggugugguauaacCg..... 1
 Gi3_28101572_x2.....uccgguCugguauaacggcuagc..... 1
 Gi2_10830183_x2.....guuUgauuccggcaucgg..... 1
 Gi3_28109010_x2.....gguguAguauaacggcuag..... 1
 Gi5_8799341_x2.....guuuucaccUaguagaucgg..... 1
 Gi1_4129581_x2.....guucgauuccggcaucgU..... 1
 Gi3_28072724_x2.....ccggugugguauaGcggcua..... 1
 Gi1_4091173_x2.....guuAucacccaguagaucgg..... 1
 Gi1_4092551_x2.....gguucgauuccggcauUgg..... 1
 Gi3_28125394_x2.....gguuuucaccAaguagauc..... 1
 Gi1_4124769_x2.....uuucacccaguagaucgg..... 0
 Gl1_5963870_x2.....Aguucgauuccggcaucgg..... 1
 Gi5_8771871_x2.....uuuucacccaguagaCccgg..... 1
 Gi2_10925611_x2.....uccggugugguauCacggcuagcau..... 1
 Gi5_8814425_x2.....Gggugugguauaacggcuag..... 1
 Gi5_8729929_x2.....uccgguguUguauaacggcua..... 1
 Gi1_4104249_x2.....ccggugugguauCacggcuagca..... 1
 Gi3_28040680_x2.....gguuuucacccGguagauc..... 1
 Gi5_8801377_x2.....guucgauuAccggcaucgg..... 1
 Gi5_8772665_x2.....agaucggguucgCuucc..... 1
 Gi1_4147859_x2.....gguuuucaccUaguagauc..... 1
 Gi3_28187750_x2.....gguuuuUaccaguagaucgg..... 1
 Gi5_8734719_x2.....uuuucacccaguagaUcgg..... 1
 Gi3_28042354_x2.....cugguuuucacccGguagaucgg..... 1
 Gi5_8781259_x2.....uccggugugguauaUcggcuagca..... 1
 Gi3_28121376_x2.....gguucgauucccgAcauc..... 1
 Gi5_8726463_x2.....ccgguguggCauaacggcua..... 1
 Gi2_10860883_x2.....uccgguguggAauaacggcuag..... 1
 Gi2_10890061_x2.....uccggugugguCuaaacggcuagca..... 1
 Gi2_10966207_x2.....ugguuuucacccaguagaucgg..... 0
 Gi1_4154639_x2.....gguuuucacccGguagauc..... 1
 Gi3_28225366_x2.....uccggugugguauaacgU..... 1
 Gi3_28173668_x2.....uucgauuccggcGucgga..... 1
 Gi3_27998036_x2.....guucgauuccAggcaucgg..... 1
 Gi3_28112980_x2.....gguucgauCcccggcaucgg..... 1
 Gi1_4122903_x2.....uuuucacccaguagaUcg..... 1
 Gi2_10970115_x2.....gguuuucacccaguCgaucgg..... 1
 Gi3_28183382_x2.....uuuucacccaAuagaucgg..... 1
 Gi1_4093079_x2.....ccggugugguauaGcggcuagca..... 1

Gi2_10905083_x2.....guucgaCucccggaucgga..... 1
Gi3_28127388_x2.....cugguuuuNaccaguagauc..... 1
Gi1_4129247_x2.....ggugugguauaacggcuCgc..... 1
Gi3_28112812_x2.....ccgguguAguauaacggcuag..... 1
Gi1_4105073_x2.....gguuuucaccaguaUauccg..... 1
Gi3_28207574_x2.....ugguuuucaccaguagaucc..... 1
Gi3_28032468_x2.....uccggugugguaGaacggcuagca..... 1
Gi5_8758505_x2.....uccgguAugguauaacggcuagcau..... 1
Gi3_28222126_x2.....uccggugugguauaacggcuUgcau..... 1
Gi5_8722879_x2.....guucgaCucccggaucg..... 1
Gi3_28134720_x2.....auccggguucgauuccAgca..... 1
Gi3_28046604_x2.....guagauccggguucgauCccc..... 1
Gi5_8805003_x2.....auccggguucgGuucccgga..... 1
Gi5_8776283_x2.....uccgguUugguauaacggcuagc..... 1
Gi3_28046198_x2.....uccggugugAuauaacggcuagcau..... 1
Gi2_10882769_x2.....ugguuuCcaccaguagauccg..... 1
Gi5_8732833_x2.....uccggugugguauCacgg..... 1
Gi3_28130614_x2.....agaucggguucgCuucc..... 1
Gi1_4107911_x2.....uuuucaccagCagaucg..... 1
Gi1_4101199_x2.....ccggugugguauaacggcuagcau..... 1
Gi3_28040452_x2.....ugguuuucacccaAuagauccg..... 1
Gi2_10932301_x2.....ccUguagauccggguucgauucc..... 1
Gi5_8815783_x2.....uuuucaccaguagauccg..... 0
Gi5_8744243_x2.....gguucgauucccggaucggGgc..... 1
Gi3_28081490_x2.....Ggugguauaacggcuagc..... 1
Gi3_28123010_x2.....gguuuucaccaguagCu..... 1
Gi2_10871539_x2.....guucgauAcccggaucgga..... 1
Gi3_28162454_x2.....gguucgCuucccggauc..... 1
Gi2_10849847_x2.....uccggugAgguauaacggcu..... 1
Gi3_27989998_x2.....Cuagauccggguucgauu..... 1
Gi5_8761269_x2.....ggugugguauaacggcCagcau..... 1
Gi4_560564_x2.....gguuuucaNccaguagauccg..... 1
Gi2_10950271_x2.....gguuuucGcccaguagauc..... 1
Gi2_10850907_x2.....gguucgauucccggcCucgg..... 1
Gi5_8755255_x2.....cggugugguauaacggcuagc..... 1
Gi1_4115051_x2.....uuuucaccaguagauGcg..... 1
Gi1a_5897346_x2.....gguuuucacccaUuagauc..... 1
Gi5_8789489_x2.....gCuucgauucccggaucggag..... 1
Gi3_28238622_x2.....gguCcgauucccggauc..... 1
Gi2_10960413_x2.....guuuuAaccaguagauccg..... 1
Gi2_10953817_x2.....Cccggugugguauaacggcu..... 1
Gi3_28051316_x2.....guucgauucccggaucA..... 1
Gi2_10957675_x2.....gguuuucacGcaguagauccg..... 1
Gi2_10867791_x2.....uCuucaccaguagaucc..... 1
Gi1_4113707_x2.....gguccggugugguauaacggcuagc..... 0
Gi2_10868269_x2.....Auucgauucccggaucggagc..... 1
Gi3_28136916_x2.....uccggugugguauGacggcu..... 1

Gi2_10839075_x2.....uccggugugguauaacggcuaU.....1
Gi3_28015784_x2.....guucgaGucccggaucgg.....1
Gi2_10932775_x2.....uccggugugguauaacggcuCg.....1
Gi3_28147656_x2.....uccggugugguauaaGgg.....1
Gi2_10969661_x2.....guuuucaAccaguagaucgg.....1
Gi3_28156880_x2.....gguucgauuccUggcaucgga.....1
Gi3_28170592_x2.....gguuuucacccaguCgaucgg.....1
Gi5_8783299_x2.....uccgguguggAauaacggcua.....1
G1a_5973434_x2.....gguCuucacccaguagauc.....1
Gi3_28114678_x2.....guucgauucccggaucAg.....1
Gi5_8824633_x2.....gCuuuucacccaguagauc.....1
Gi3_28006208_x2.....gCuucgauucccggaucggag.....1
Gi3_28038844_x2.....gAucgauucccggaucgg.....1
Gi1_4137445_x2.....uccggGgugguauaacggc.....1
Gi1_4112577_x2.....uccggGgugguauaacgg.....1
Gi2_10966353_x2.....ugugguauaacggcuGgc.....1
Gi1_4146151_x2.....Cuucgauucccggaucgga.....1
Gi1_4109081_x2.....guuuuAaccaguagaucgg.....1
Gi2_10900367_x2.....uccggugugguauGacggcua.....1
Gi1_4109301_x2.....uccggugugguUuaaacggcuagca.....1
Gi2_10861899_x2.....uccgguguUguauaacggcuagca.....1
Gi5_8753243_x2.....Gggugugguauaacggcua.....1
Gi3_27992586_x2.....gAuuucacccaguagaucgg.....1
Gi5_8733411_x2.....cggugugguauaacggcuagc.....1
Gi3_28213456_x2.....uccggugugUuauaacggcuagca.....1
Gi1_4093785_x2.....cggAgugguauaacggcuagca.....1
Gi5_8740527_x2.....uuuucacccaguaAaucgg.....1
Gi1_4109161_x2.....gguuuucacccaguagGuc.....1
Gi5_8803317_x2.....guucgauucccggaucAggagc.....1
Gi1_4113917_x2.....Cccggugugguauaacggcu.....1
Gi1_4141593_x2.....Uccaguagaucggguucgauuccc.....1
Gi3_28202890_x2.....uCguuuucacccaguagaucgg.....1
Gi1_4122279_x2.....gguuuucUcccaguagaucgg.....1
Gi1_4130225_x2.....guagaucggguuUgauuccc.....1
Gi5_8791479_x2.....uccUgugugguauaacggcuagcau.....1
Gi1_4101947_x2.....uccggugugguuaGaacggcua.....1
Gi5_8822711_x2.....uuucGcccaguagaucgg.....1
Gi1_4089657_x2.....ccggugugguauaacggcuagUa.....1
Gi3_28173904_x2.....gUuccggugugguauaacggcuagca.....1
Gi1_4126505_x2.....uccUgugugguauaacggcua.....1
Gi5_8768979_x2.....uggCuucacccaguagaucgg.....1
Gi3_28213462_x2.....uAcggugugguauaacggc.....1
Gi3_28190746_x2.....guucgauNccggcaucgga.....1
Gi3_28139064_x2.....gguuuucaccAaguagauc.....1
Gi3_28002680_x2.....uccggugugguauaacUg.....1
Gi3_28123838_x2.....uuuucacccaguUgaucgg.....1
Gi3_28083546_x2.....Gggugugguauaacggcuagcau.....1

Gi2_10844585_x2.....gguucgauucccAgcauc..... 1
Gi3_28049318_x2.....cccggaucggagcCcuuu..... 1
Gi2_10956657_x2.....gguCcgauucccggaucggag..... 1
Gi3_28055486_x2.....ugguuuaccccaguagaucUg..... 1
Gi2_10984699_x2.....uccgUugugguauaacggcuagcau..... 1
Gi1_4093203_x2.....guuuuaccccagCagaucggg..... 1
Gi5_8751183_x2.....guucgauucccggaucggag..... 0
Gi3_28099506_x2.....guagaucNggauccgauucc..... 1
G1a_5884736_x2.....uccggugugguauaacgAc..... 1
Gi4_565982_x2.....gguucgauucccggaucggg..... 0
Gi2_10975057_x2.....cGggugugguauaacggcuagcau..... 1
Gi3_27987352_x2.....guucgauucccUgcaucggg..... 1
Gi3_28095194_x2.....uccggugugguauaacggcG..... 1
Gi2_10916239_x2.....gguuuuaccccaguagUuccgg..... 1
G1a_5916846_x2.....Gccggugugguauaacggcu..... 1
Gi3_28180500_x2.....Cccggugugguauaacggcuagcaugacu..... 1
Gi2_10897083_x2.....gAuucgauucccggaucggg..... 1
Gi4_553580_x2.....gguccggugugguauaacggcuagAa..... 1
Gi3_28017190_x2.....uccggugugguauaaGggc..... 1
Gi2_10894011_x2.....gguuuuacccUaguagaucgg..... 1
Gi3_28183272_x2.....uccggugugguauaaUggcuagcau..... 1
G1a_5893646_x2.....ucUggugugguauaacggcuagcau..... 1
Gi1_4115477_x2.....uccCgugugguauaacggcuagc..... 1
Gi5_8751951_x2.....uuuucacccaguagaucUgg..... 1
Gi5_8796553_x2.....guAuucacccaguagaucggg..... 1
Gi1_4138283_x2.....guuuucaUccaguagaucgg..... 1
Gi1_4106481_x2.....guuuuacccaguaCaucggg..... 1
Gi2_10983731_x2.....guuuuacccagGagaucgg..... 1
G1a_5909228_x2.....uccggugugguauaaUggcuag..... 1
Gi2_10902121_x2.....guuuGcaccaguagaucgg..... 1
Gi3_27993114_x2.....uccggugugUuauaacggcuag..... 1
Gi5_8825437_x2.....uccggugugguauaacggcuUc..... 1
Gi2_10865317_x2.....ugguuuaccccaguagGuc..... 1
Gi5_8748495_x2.....ugguuuaccccaguagaCccg..... 1
Gi1_4118663_x2.....gguucgauucccggaCcgga..... 1
Gi4_564066_x2.....uccggugugguCuaacggcuagc..... 1
G1a_5889602_x2.....gguuuuaccccCguagauc..... 1
Gi3_28116276_x2.....ugguuuucacAcaguagauc..... 1
Gi3_28220032_x2.....ucNggugugguauaacggcuagc..... 1
Gi3_28098954_x2.....cgauucccggaucggCgc..... 1
Gi5_8726877_x2.....guuuuAaccaguagaucgg..... 1
Gi5_8826979_x2.....cggCgugguauaacggcuag..... 1
Gi5_8728157_x2.....guucgauucccggaucAgagc..... 1
Gi3_27986918_x2.....uuuucacccaguagaucUcg..... 1
Gi5_8772567_x2.....Aguuuuaccccaguagauc..... 1
G1a_5960762_x2.....uccggugugguauGacgg..... 1
Gi1_4116709_x2.....uccggugugUuauaacggcuagc..... 1

Gi2_10957763_x2.....uuucacccGguagauccg.....1
Gi1_4151685_x2.....Auuucacccaguagauccgg.....1
Gi5_8767361_x2.....gguucgauCcccggcauc.....1
Gi3_28210386_x2.....guGuucacccaguagaucc.....1
Gi2_10833997_x2.....uccggugugguauaacggGuagc.....1
Gi2_10935553_x2.....uGuucacccaguagaucc.....1
Gi5_8757707_x2.....uccggugugguauCacggc.....1
Gi3_28020760_x2.....uccgguCugguauaacggcua.....1
Gi4_561404_x2.....gguuuucGcccaguagauccg.....1
Gi3_28127700_x2.....guuUgauuccggcaucgga.....1
Gi1_4132697_x2.....ccggugugguauaacggcuGgca.....1
Gi3_28181840_x2.....uccgguguggGauaacggcuagcau.....1
Gi5_8741309_x2.....gUugugguauaacggcuagcaugacu.....1
Gi5_8823291_x2.....guuuuaccAaguagauccgg.....1
Gi3_28121308_x2.....uccggugugguAAaacggcuagca.....1
Gi5_8802405_x2.....ugugguauNacggcuagc.....1
Gi3_28141026_x2.....gguuuucacccaguagauccgU.....1
Gi3_28070802_x2.....gguucgauucAcggcauc.....1
Gi2_10950427_x2.....uccgguguggCauaacggcu.....1
Gi5_8795815_x2.....uccggGgugguauaacggcuagcaugacu.....1
Gi5_8825129_x2.....guuuucacccaguagaAccg.....1
Gi3_28132424_x2.....gauccggguucgGuuccc.....1
Gi2_10871341_x2.....guAcgauuccggcaucgga.....1
Gi5_8761437_x2.....Uguucgauuccggcaucggagcucu.....1
Gi5_8813923_x2.....uccggugugguauaacUgcuagcau.....1
Gi4_557246_x2.....uccggugugguauaacggcuagcC.....1
Gi2_10899289_x2.....ccaguagauccggguucgauucAc.....1
Gi1a_5958022_x2.....gUuucgauuccggcaucggagc.....1
Gi2_10858141_x2.....gguuuucaGccaguagauccg.....1
Gi3_28168954_x2.....agaucggguucgauCccc.....1
Gi2_10893715_x2.....Gcggguucgauuccggcaucgga.....1
Gi2_10974755_x2.....uuucacAcaguagauccg.....1
Gi3_28256564_x2.....guucgauuccggcaucgA.....1
Gi5_8798743_x2.....uccggugugguuaGaacgg.....1
Gi5_8829471_x2.....uccggugugguauaacggcuagcaugGcu.....1
Gi1_4147755_x2.....gguguAguauaacggcua.....1
Gi2_10954027_x2.....uGcggugugguauaacggcuagcaugacu.....1
Gi2_10947205_x2.....uccAgugugguauaacgg.....1
Gi3_28135648_x2.....guuuucacccaguagaAccg.....1
Gi5_8803327_x2.....agaucUggguucgauuccc.....1
Gi2_10969363_x2.....gguuuucacccaguaAauccgg.....1
Gi2_10902155_x2.....gguucgGuuccggcauc.....1
Gi1a_5910234_x2.....uUcggugugguauaacggc.....1
Gi3_28158538_x2.....uccggugugguauaaUgg.....1
Gi3_28128392_x2.....Cuucgauuccggcaucg.....1
Gi5_8829193_x2.....ugguGuucacccaguagauccg.....1
Gi2_10951837_x2.....gguucgaCuuccggcaucgga.....1

Gi5_8780157_x2.....gguucgaCucccggaucgg..... 1
Gi2_10981439_x2.....uccgCugugguuaaacggc..... 1
Gi3_28239498_x2.....uggCuuucacccaguagauc..... 1
Gi2_10980637_x2.....uccggguucgauucccggc..... 0
Gi5_8725089_x2.....cgauucccggaucggagcCcuu..... 1
Gi3_28024240_x2.....uccggugugguuaCaacggcu..... 1
Gi2_10927887_x2.....ccggguucgauucUcggcaucgga..... 1
Gi5_8789663_x2.....guucgauucccgUaucgga..... 1
Gi3_28223454_x2.....ucAggugugguuaaacggcuag..... 1
Gi1_4110571_x2.....ccgguguggCauaacggcua..... 1
Gi3_28222510_x2.....Accggugugguuaaacggcu..... 1
Gi5_8797229_x2.....gguucgauucccggaCc..... 1
Gi3_28037708_x2.....uuuucacccaguagauccgA..... 1
G1a_5894232_x2.....ucUggugugguuaaacggc..... 1
Gi3_28231886_x2.....gguucgauucccggaucAg..... 1
Gi5_8799571_x2.....Uggugugguuaaacggcuag..... 1
Gi3_28235810_x2.....uccggGgugguuaaacggcu..... 1
Gi2_10949407_x2.....Gcggugugguuaaacggcuag..... 1
Gi5_8822193_x2.....gguucgauucccggaucggagcCcu..... 1
Gi5_8747115_x2.....uccggugugguuaaaGggcuag..... 1
Gi2_10973319_x2.....guAcgauucccggaucggag..... 1
Gi1_4146521_x2.....ggugugguuaaacgAcuagc..... 1
Gi5_8756327_x2.....uccCgugugguuaaacggcuagc..... 1
Gi5_8730031_x2.....Ucggugugguuaaacggcuag..... 1
Gi3_28162002_x2.....guuAucacccaguagauccgg..... 1
Gi2_10880885_x2.....gguucgaCucccggauc..... 1
Gi5_8828343_x2.....uuuucacccaguUgauccgg..... 1
Gi5_8728349_x2.....Cguucgauucccggaucg..... 1
Gi2_10929365_x2.....uuuucacccaguagaucA..... 1
Gi2_10837497_x2.....guucgauucccggaucgg..... 1
G1a_5890904_x2.....uccggugugguauCacggcuagc..... 1
Gi5_8815231_x2.....Uuucgauucccggaucggagcucu..... 1
Gi5_8827135_x2.....ugguuuucacccCguagauc..... 1
Gi2_10949625_x2.....Agguuuucacccaguagauc..... 1
Gi2_10832019_x2.....uccggugGgguuaaacggcuagcau..... 1
Gi2_10836677_x2.....uccgAugugguuaaacggcua..... 1
Gi2_10970159_x2.....uccggAgugguuaaacggcu..... 1
Gi1_4148999_x2.....Gccggguucgauucccggaucgg..... 1
Gi5_8736013_x2.....guucgauucAcggcaucggagc..... 1
Gi1_4154703_x2.....uccggugugguuaaaGcggcuagcau..... 1
Gi5_8796485_x2.....uuuucacccaguGgaucgg..... 1
Gi2_10860833_x2.....uuuucacccagCagauc..... 1
Gi2_10903201_x2.....gguNcgauucccggauc..... 1
Gi3_28094856_x2.....gCuucgauucccggaucgga..... 1
Gi1_4104657_x2.....uccgguguUguuaaacggcuagc..... 1
Gi5_8806319_x2.....uuuucacUcaguagauccgg..... 1
Gi2_10871695_x2.....uccggugugguCuaacggcua..... 1

Gi5_8788163_x2.....cgAugugguauaacggcua..... 1
 Gi3_28167740_x2.....Uugguuuucacccaguagauccg..... 1
 Gi2_10865525_x2.....ggCuuucacccaguagaucc..... 1
 Gi2_10954433_x2.....uccggCgugguauaacggcu..... 1
 Gi5_8820397_x2.....gguuuucacccaguCgauccgg..... 1
 Gi5_8721105_x2.....uUcggugugguauaacggcuagcaugacu..... 1
 Gi1_4153137_x2.....cUggugugguauaacggcuagc..... 1
 Gi5_8757819_x2.....uguuuuAcacccaguagaucc..... 1
 Gi5_8761373_x2.....guCcgauucccggaucgggagc..... 1
 Gi5_8723219_x2.....guuuucacccaguCgauccgg..... 1
 Gi2_10843385_x2.....uccgAugugguauaacggcuag..... 1
 Gi5_8777959_x2.....gguuuucacccaguagauccGgg..... 1
 Gi3_28029036_x2.....uuuucacccCguagauccgg..... 1
 Gi5_8730423_x2.....uccggGgugguauaacggc..... 1
 Gi5_8800237_x2.....uguuuuucacccaguGgauccgg..... 1
 Gi3_28228996_x2.....uuuucGcccaguagauccgg..... 1
 Gi2_10981133_x2.....guuAucacccaguagauccg..... 1
 Gi4_564388_x2.....Gccggugugguauaacggcuagca..... 1
 Gi5_8769863_x2.....cggugugguauaacggcAag..... 1
 Gi3_28113472_x2.....gCuucgauucccggaucg..... 1
 Gi1_4110801_x2.....uuuucaccUaguagauccg..... 1
 Gi1_4153567_x2.....ggugugguNuaacggcuagc..... 1
 Gi1_4134363_x2.....cgguAugguauaacggcuagca..... 1
 Gi5_8751493_x2.....uggGuuucacccaguagauccgg..... 1
 Gi1_4117483_x2.....guuUgauucccggaucg..... 1
 Gi2_10890255_x2.....uccggugugguauaacgCcuagc..... 1
 Gi2_10884497_x2.....ugguuuucNcccaguagauccgggu..... 1
 Gi5_8750243_x2.....Accggugugguauaacggcuag..... 1
 Gi2_10970843_x2.....ccggugugguauaacggcuagAau..... 1
 Gi2_10970741_x2.....uccggugugguauaaGggc..... 1
 Gi3_28096444_x2.....uccggugugguauaaAggc..... 1
 Gi2_10938165_x2.....ccggugCgguauaacggcuagcau..... 1
 Gi3_28046244_x2.....gguCcgauucccggaucgggagc..... 1
 Gi1_4153405_x2.....agauccgggCucgauuccc..... 1
 Gi5_8733437_x2.....Gccggugugguauaacggcu..... 1
 Gi3_28149178_x2.....guuuucacccaguaAauccgg..... 1
 Gi2_10869451_x2.....uccgCugugguauaacggcuagca..... 1
 Gi3_28133680_x2.....gguuuucCcccaguagauccgg..... 1
 Gi2_10857259_x2.....uccNgugugguauaacgg..... 1
 Gl1a_5894674_x2.....gguucgauucccggcGuc..... 1
 Gi1_4101029_x2.....ucAggugugguauaacggcuagca..... 1
 Gi1_4109287_x2.....uuuucacccagCaguaccgg..... 1
 Gi2_10959775_x2.....gguuuucacccCguagauccgg..... 1
 Gi3_28012940_x2.....ugAuuuucacccaguagauccg..... 1
 Gi2_10946785_x2.....uccggugugguauaacgAcua..... 1
 Gi5_8740719_x2.....guucgauucccggaucCg..... 1
 Gi2_10874307_x2.....gugugguauaacggcuacAc..... 1

Gi5_8823089_x2.....uUcggguucgauucccggc..... 1
Gi3_28133196_x2.....uccggugugguauaacggcAag..... 1
Gi1_4132741_x2.....guuuuacaccaAuagauccg..... 1
Gi2_10988617_x2.....guucgauucccggaucUga..... 1
Gi5_8807061_x2.....gguuuucaGccaguagauccgg..... 1
Gi5_8726469_x2.....ggugugguauaacggcCagc..... 1
Gi5_8719387_x2.....ccggugugNuuaaacggcuag..... 1
Gi4_553174_x2.....uccggugCgguauaacggcuagca..... 1
Gi2_10925301_x2.....uccggGgugguauaacggcuag..... 1
Gi3_28221560_x2.....ugguuuCcaccaguagauc..... 1
Gi2_10889027_x2.....uccggugugguauaacgAcu..... 1
Gi5_8740335_x2.....uuuucCcccaguagauccg..... 1
Gi2_10949875_x2.....guucgauucccgUaucgga..... 1
Gi3_28160030_x2.....gCagaucggguucgauucc..... 1
G1a_5933930_x2.....uccgguguAguauaacggcuagc..... 1
Gi5_8788689_x2.....ugguCuucacccaguagauccg..... 1
Gi5_8752807_x2.....gguuuucaccUaguagauc..... 1
Gi1_4118211_x2.....uuuucacccUguagauccg..... 1
Gi1_4134975_x2.....guuuuacccaguagCuccgg..... 1
Gi3_28119708_x2.....Gggguucgauucccggaucgga..... 1
Gi1_4089399_x2.....ccggugugguauaacggcuagU..... 1
Gi2_10931279_x2.....ugguuucacccaguaAauc..... 1
Gi5_8800605_x2.....uccgguUugguauaacgg..... 1
Gi2_10871039_x2.....uCucacccaguagauccg..... 1
Gi5_8772935_x2.....uccggugugguauaacggcuagcCugacu..... 1
Gi5_8798621_x2.....ugguuucacccaguagaCc..... 1
Gi1_4137125_x2.....uuuucacccaguagaucAg..... 1
Gi1_4100431_x2.....uccggugugguauaacggUuagcau..... 1
Gi1_4133423_x2.....guGgauccggguucgauucc..... 1
Gi5_8752945_x2.....ggAuuucacccaguagauc..... 1
Gi3_28245546_x2.....ggAucgauucccggauc..... 1
Gi5_8748029_x2.....ggugugguauaacggcuGccau..... 1
G1a_5910512_x2.....uccgguguggCauaacggcuagc..... 1
Gi5_8799779_x2.....cgguguggNauaacggcua..... 1
G1a_5953700_x2.....guucgauucccggcGucggagc..... 1
Gi1_4129171_x2.....Cccggugugguauaacggc..... 1
Gi3_28023370_x2.....Uguccggugugguauaacggcuagca..... 1
Gi5_8806381_x2.....uccgguguCguauaacggc..... 1
Gi5_8797313_x2.....uuuucUccaguagauccg..... 1
Gi1_4145003_x2.....uccggugugguCuaaacggcuagca..... 1
Gi1_4091275_x2.....ggCuucacccaguagauccgg..... 1
Gi3_28005492_x2.....uccggugugguauaacgUcuagca..... 1
Gi5_8726391_x2.....gguuAgauucccggauc..... 1
Gi5_8738179_x2.....guucgauAcccggaucg..... 1
Gi2_10969587_x2.....gguccggugugguauaacggcuagc..... 1
Gi2_10858509_x2.....gguucgauucccggaucAgagc..... 1
Gi1_4121599_x2.....cgguguggNauaacggcuagca..... 1

G1a_5942434_x2.....uGcggguucgauucccgga..... 1
 Gi1_4105089_x2.....uccAgugugguauaacggcuagca..... 1
 Gi4_556740_x2.....ugguuuucacccaguagaucgg..... 0
 Gi3_28201030_x2.....cgguguAguauaacggcua..... 1
 Gi2_10928191_x2.....guucgauucccggaucAgga..... 1
 Gi5_8757315_x2.....Agugguauaacggcuagc..... 1
 Gi2_10833897_x2.....gguAcgauucccggauc..... 1
 Gi5_8752169_x2.....Aauccggguucgauucccggauc..... 1
 Gi5_8765875_x2.....Cgguuuucacccaguagaucgg..... 1
 Gi2_10881329_x2.....uccggugugguauaacggcuUgca..... 1
 Gi1_4091487_x2.....guuuucacccaguagauc..... 0
 Gi5_8792291_x2.....gAugugguauaacggcuagc..... 1
 Gi4_553884_x2.....guuuucacccaguagaucgg..... 0
 Gi2_10950127_x2.....gguucgauucccgAcaucggag..... 1
 Gi3_28185182_x2.....uuucacccaguagaUcg..... 1
 Gi1_4132595_x2.....gguuuucacccaguagaAccg..... 1
 Gi5_8793617_x2.....gguccggugugguauaacAgc..... 1
 Gi2_10895629_x2.....guuuucacUcaguagaucgg..... 1
 Gi5_8762287_x2.....ucGggugugguauaacggcuagca..... 1
 Gi2_10910815_x2.....guucgauucccggaucAgg..... 1
 Gi3_28258740_x2.....guuuucacccaCuagaucgg..... 1
 Gi5_8738141_x2.....cgguguggCauaacggcuagc..... 1
 Gi3_28029408_x2.....uCcgauucccggaucgga..... 1
 Gi5_8725533_x2.....uccgguguggGauaacggcuagca..... 1
 Gi1_4105177_x2.....guuuucacccaguagaUcgg..... 1
 Gi3_28250372_x2.....gguuGucacccaguagaucgg..... 1
 Gi3_28125366_x2.....uuGcacccaguagaucgg..... 1
 Gi1_4114411_x2.....gUuccggugugguauaacggcuagcauga..... 1
 Gi3_27980282_x2.....guagaucggggGucgauu..... 1
 Gi2_10954811_x2.....gUuuuucacccaguagaucggguuc..... 1
 Gi1_4103383_x2.....guagaucggguucgGuuccc..... 1
 Gi2_10893279_x2.....agaucgggAucgauucc..... 1
 Gi1_4117105_x2.....uccggugugguauCacggcu..... 1
 Gi2_10960277_x2.....guucgauuccUggcaucggag..... 1
 Gi5_8779017_x2.....gguccggCgugguauaacggcuagc..... 1
 Gi4_556622_x2.....uUcggugugguauaacggcuagc..... 1
 Gi2_10957867_x2.....ccaguagaucggguucAauuccc..... 1
 Gi3_28228602_x2.....Augugguauaacggcuagca..... 1
 G1a_5947642_x2.....gguuuucacccaguagaucAg..... 1
 Gi2_10856309_x2.....uccggAgugguauaacggcuag..... 1
 Gi2_10883131_x2.....gguucgauuccAgcaucggag..... 1
 G1a_5966164_x2.....uccgguguAguauaacggcuag..... 1
 Gi5_8738277_x2.....gguCuucacccaguagauc..... 1
 Gi5_8782995_x2.....ugguuuucacAcaguagaucgg..... 1
 Gi2_10970295_x2.....guguUguauaacggcuagc..... 1
 Gi5_8735137_x2.....guucgauucccggaCcgagc..... 1
 Gi1_4127501_x2.....uccggugugguUuaaacggcuagc..... 1

Gi2_10932977_x2.....uuuucaccaguCgaucgg.....1
 Gi5_8796681_x2.....Cuucgauucccggaucggagc.....1
 G1a_5902744_x2.....uccggugugguaCaacggc.....1
 Gi2_10969531_x2.....ccggugugguGuaacggcuagcau.....1
 Gi3_28220284_x2.....gguuuucacccagauagauccg.....1
 Gi3_28065936_x2.....gguuuucacccagauagauccg.....1
 Gi2_10856279_x2.....guuuucacccaAuagauccg.....1
 Gi5_8823009_x2.....cggugCgguauaacggcuag.....1
 Gi2_10992319_x2.....Cuucgauucccggaucggga.....1
 Gi5_8758863_x2.....Ugugugguauaacggcuagcaugacu.....1
 Gi2_10901561_x2.....Accggugugguauaacgg.....1
 Gi3_28075530_x2.....uccggugugguauaacggcuagUau.....1
 Gi5_8742295_x2.....guGuucacccagauagauccgg.....1
 Gi2_10954355_x2.....ggCucgauucccggauc.....1
 Gi2_10988699_x2.....gguCucacccagauagaucc.....1
 Gi1_4113333_x2.....gguuuucacccaUuagauccgg.....1
 Gi2_10977179_x2.....cuguuuucacccagauagauccg.....0
 Gi3_28196980_x2.....guuuucacNcaguagaucc.....1
 Gi2_10989457_x2.....uagauccggguucgauUc.....1
 Gi1_4092875_x2.....uAcggugugguauaacggcuagc.....1
 Gi2_10935647_x2.....guuuucacccagauagCuccg.....1
 Gi5_8813491_x2.....uccgguguCguauaacggcuagc.....1
 Gi3_28156578_x2.....uguuuucacccagauagauUcg.....1
 Gi1_4149379_x2.....gguucgauucccggaCcg.....1
 Gi1_4108159_x2.....uccggugugguauaacgAcuagcau.....1
 Gi1_4096691_x2.....gguuuucacccagGagauccg.....1
 Gi2_10856491_x2.....uccggugugguUuaacgg.....1
 Gi5_8780557_x2.....uguuuucacccagauagaAccg.....1
 Gi1_4119727_x2.....Uguccggugugguauaacggcuagcauga.....1
 Gi4_564032_x2.....gguuuucacccagauagauc.....0
 Gi3_28251534_x2.....uuucaccUaguagauccgg.....1
 G1a_5914796_x2.....uccggugCgguauaacggc.....1
 Gi5_8739455_x2.....gguuuucacccagauagauccg.....1
 Gi3_28050264_x2.....gguuuucacccaUuagauccgg.....1
 Gi3_28211652_x2.....ugUuuuucacccagauagauc.....1
 Gi2_10976467_x2.....gguuuucacccagCagauc.....1
 Gi2_10939627_x2.....uccggugugguauaacggcuagGau.....1
 G1a_5917902_x2.....guucgauuccAgcaucggagc.....1
 Gi3_28111510_x2.....gguucgauucUcggcauc.....1
 Gi3_28153528_x2.....gguucgauuccggcUucgg.....1
 Gi5_8773497_x2.....ggugugguauaacggcuUgcaugacu.....1
 Gi5_8820971_x2.....gguuuucacUcaguagaucc.....1
 Gi2_10976989_x2.....uuuucacccagauagauccA.....1
 Gi2_10895467_x2.....gCuucgauucccggaucgg.....1
 Gi1_4147495_x2.....uccggugugguauaacggcuagca.....1
 Gi5_8726147_x2.....uccggugugAuauaacgg.....1
 Gi2_10922503_x2.....guAcgauucccggaucgg.....1

Gi2_10925321_x2.....uccggugugguauaaAggcuagcau.....1
Gi2_10853159_x2.....Cgguucgauucccggaucggagc.....1
Gi3_28211238_x2.....guucgauucccgCcaucgg.....1
G1a_5932108_x2.....uccggugugguauaacggUuag.....1
G1a_5965278_x2.....gguucgauucccgGucggagc.....1
Gi2_10960145_x2.....uucgauuccUggcaucgga.....1
G1a_5904168_x2.....uccgguguNguauaacgg.....1
Gi2_10887271_x2.....uccggugugguauaacggA.....1
Gi3_28097192_x2.....guaNauccggguucgauucc.....1
Gi2_10935113_x2.....gguucgauucccggaucggC.....1
Gi5_8740095_x2.....guuuUaccagauagauccg.....1
Gi2_10915085_x2.....guucgauucccgUaucggagc.....1
Gi3_28252842_x2.....ggCucgauucccggaucgga.....1
Gi2_10986219_x2.....uccggugugguCuaacggcuagcau.....1
Gi1_4123905_x2.....uAcggugugguauaacggcua.....1
Gi1_4108927_x2.....uccNgugugguauaacggcua.....1
Gi2_10846075_x2.....gguuuCaccagauagaucc.....1
Gi5_8787887_x2.....uccggugugUuauaacggcuag.....1
Gi5_8798369_x2.....uccgguguAguauaacggcuagcaugacu.....1
Gi5_8772041_x2.....gguucgauuccUgcaucggagc.....1
Gi2_10880809_x2.....Auucgauucccggaucgga.....1
Gi3_28199718_x2.....gguuuucacccaAuagaucgg.....1
Gi1_4102099_x2.....gguuuucaccAaguagaucgg.....1
Gi5_8743775_x2.....uuuuAaccagauagauccg.....1
Gi2_10980569_x2.....guucgauucccgGaucgg.....1
Gi2_10863529_x2.....gguuuucUccagauagauccg.....1
Gi3_28229282_x2.....cgauuccNgcaucggagcucu.....1
Gi3_28049584_x2.....uGguuuucaccagauagaucc.....1
Gi3_28189094_x2.....uccgCugugguauaacggc.....1
Gi5_8731499_x2.....uccggugugguauaaUgg.....1
Gi5_8789091_x2.....uccggugugguCaacgg.....1
Gi5_8741067_x2.....uGguuuucaccagauagauccg.....1
Gi2_10924933_x2.....uccggugGguauaacggcuagca.....1
Gi5_8745497_x2.....guuuucaccagauGgauccgg.....1
Gi2_10830693_x2.....gguuuucaccagauagGucc.....1
Gi2_10950829_x2.....Uguuuucaccagauagauccggguuc.....1
Gi1_4136671_x2.....gCgugguauaacggcuag.....1
Gi1_4123307_x2.....uccggugugguauaCcggcuagcau.....1
Gi5_8794259_x2.....guucgauNccggcaucggagc.....1
Gi5_8804031_x2.....ugugguauCacggcuagc.....1
Gi1_4146631_x2.....ugguuuAcaccagauagauccg.....1
Gi3_28058776_x2.....uccggugugguauUacgg.....1
Gi3_28257542_x2.....gguuuucaNccagauagaucc.....1
Gi1_4116761_x2.....uccggugugGcauacggcu.....1
Gi2_10881873_x2.....uccggugugguauaacggcAagca.....1
Gi2_10912321_x2.....ggGucgauucccggaucgga.....1
Gi2_10873801_x2.....uccggugugguAaacggcua.....1

Gi5_8766063_x2.....cggugugguauaacggcuagGa..... 1
 Gi2_10919001_x2.....uccggugugCuauaacggcuagc..... 1
 Gi5_8729063_x2.....uuuucacccaguagauccAg..... 1
 Gi5_8718677_x2.....gguuuucacccaguagUuccgg..... 1
 Gi1_4094547_x2.....uccggugugAguauaacggcuagcau..... 1
 Gl1a_5970136_x2.....uccggugugguauaacggcCag..... 1
 Gl1a_5955900_x2.....gguuuucacccaUuagauccg..... 1
 Gi3_28043688_x2.....uccCgugugguauaacggcuagca..... 1
 Gi3_27989900_x2.....guagauUcggguucgauu..... 1
 Gi5_8752143_x2.....gguCcgauucccggaucggagc..... 1
 Gi2_10989631_x2.....guucgGuucccggaucgg..... 1
 Gi5_8766217_x2.....uccggugugguauaacgUcuagcau..... 1
 Gi2_10854717_x2.....gguuuaccccUguagaucc..... 1
 Gi1_4124179_x2.....gguuuucaNccaguagauccgg..... 1
 Gi2_10977075_x2.....uccggugugguCuaaacggcuag..... 1
 Gi1_4137401_x2.....gguuCucacccaguagauccgg..... 1
 Gi3_28208396_x2.....ggCucgauucccggaucggagc..... 1
 Gi5_8765517_x2.....uccggugugAuaaacggc..... 1
 Gi1_4092713_x2.....Gggugugguauaacggcuagca..... 1
 Gi1_4110459_x2.....uccgguUugguauaacggcuag..... 1
 Gi3_28026106_x2.....Cgauccggguucgauucc..... 1
 Gi3_28092628_x2.....gguucgauUccgggaucgga..... 1
 Gi5_8818081_x2.....gguuuacacccaAuagauccgg..... 1
 Gi2_10875771_x2.....guucgauucccgCcaucgga..... 1
 Gi2_10939349_x2.....guucgauCcccggaucggag..... 1
 Gi1_4139709_x2.....uuuucacccaguagauccgA..... 1
 Gi3_27989340_x2.....Cguucgauucccggaucggagc..... 1
 Gi5_8827155_x2.....guCcgauucccggaucgg..... 1
 Gi2_10959811_x2.....gAuuuucacccaguagaucc..... 1
 Gi3_28045784_x2.....uggGuuucacccaguagauccg..... 1
 Gi1_4155833_x2.....uuuNcaccaguagauccg..... 1
 Gi1_4121239_x2.....ccggugCgguauaacggcua..... 1
 Gi5_8763403_x2.....Cuucgauucccggaucg..... 1
 Gi5_8740545_x2.....cgauucccggaucggagcucu..... 0
 Gi3_28173126_x2.....cccgggaucggagcucCuu..... 1
 Gi1_4123105_x2.....uccggugugCguauaacggcuag..... 1
 Gi1_4099493_x2.....uCcaccaguagauccgg..... 1
 Gi4_566312_x2.....ucUggugugguauaacggcuagc..... 1
 Gi3_28063284_x2.....uAugguauaacggcuagc..... 1
 Gi3_28055248_x2.....ggugugguauaacAgcua..... 1
 Gi3_28129184_x2.....gguucgauucccggcCucggag..... 1
 Gi1_4153139_x2.....ucAggugugguauaacggcuagc..... 1
 Gi2_10960141_x2.....uucgauucccggaCcgga..... 1
 Gi5_8766555_x2.....uuuucacccaguagauAcg..... 1
 Gi5_8722695_x2.....uuuucacccaguCgauccgg..... 1
 Gi5_8746269_x2.....guucgauucccggaucCgagc..... 1
 Gi2_10836489_x2.....guucgauucccggaucggagc..... 1

Gi1_4139547_x2.....guucAauucccggaucg..... 1
 Gl1a_5951610_x2.....gUUUucacNcaguagauccg..... 1
 Gi3_28259506_x2.....uccgguguUguauaacggcua..... 1
 Gi3_28213450_x2.....AgUUUucacccaguagau..... 1
 Gi3_28245022_x2.....gguucgauucccgAcaucggag..... 1
 Gi3_28094840_x2.....uccgguguggGauaacggc..... 1
 Gi2_10933927_x2.....gCucgauucccggaucgg..... 1
 Gi5_8763821_x2.....uggCuuucacccaguagau..... 1
 Gi4_556770_x2.....uccggugugguauaGcgguagc..... 1
 Gi3_28145978_x2.....ccggugCgguaauaacggcua..... 1
 Gi3_28236136_x2.....ggGUUucacccaguagauc..... 1
 Gi5_8824249_x2.....uccggugugCuauaacggcua..... 1
 Gl1a_5950006_x2.....uccggugCgguaauaacggcuag..... 1
 Gi3_28071764_x2.....uuuCcaccaguagaucgg..... 1
 Gi1_4112609_x2.....gguucgauucccgGucggagc..... 1
 Gi1_4157325_x2.....uccggAgugguauaacggcuagcau..... 1
 Gi5_8807429_x2.....uccgguguggAauaacgg..... 1
 Gi2_10846251_x2.....ggugugguNuaacggcuagc..... 1
 Gi3_28255468_x2.....uggAUUucacccaguagaucgg..... 1
 Gi3_28001914_x2.....AUUucacccaguagaucgg..... 1
 Gi3_28018196_x2.....guCcgauucccggaucggag..... 1
 Gi3_28054390_x2.....guuNgauucccggaucgga..... 1
 Gi5_8779743_x2.....gaucggguucgauUccggcauc..... 1
 Gi5_8779107_x2.....ugguuCucacccaguagaucgg..... 1
 Gi1_4125537_x2.....cCgugugguauaacggcuagca..... 1
 Gi5_8782921_x2.....gguuuucacccaguagGuc..... 1
 Gi1_4139955_x2.....gguucgauuccAgcaucgg..... 1
 Gi1_4120509_x2.....gUUUUAcaccaguagaucgg..... 1
 Gi1_4112201_x2.....gguuuucacccaguagaUcgg..... 1
 Gi5_8794329_x2.....uccgguguggCauaacggc..... 1
 Gi1_4143699_x2.....agaucggguucgauucc..... 0
 Gi3_28141818_x2.....ccggugugguauaacggcuagUa..... 1
 Gi3_28081164_x2.....ggAucgauucccggaucgg..... 1
 Gi3_28197958_x2.....uccgguguggGauaacggcu..... 1
 Gi2_10971883_x2.....Cgugugguauaacggcuagc..... 1
 Gi3_28168802_x2.....Ucggugugguauaacggcu..... 1
 Gi1_4099269_x2.....gguucgauucccggaucgga..... 0
 Gi5_8815111_x2.....uccCgugugguauaacggcua..... 1
 Gi1_4121385_x2.....uccggugugguauaAggcuagc..... 1
 Gi2_10892337_x2.....gguucgauUaccggcaucggagc..... 1
 Gi3_28014480_x2.....uccggugugguauaacCgcuag..... 1
 Gi2_10933257_x2.....uccggugAgguauaacggcua..... 1
 Gi2_10906035_x2.....ccggugugguauaacAgc..... 1
 Gi5_8744337_x2.....uccggugugguauaGcgguagcaugacu..... 1
 Gi2_10878977_x2.....cUggguucgauucccggaucgga..... 1
 Gi3_28103968_x2.....agGagauccggguucgauucc..... 1
 Gi3_28226292_x2.....uccggugugguauaacCgcu..... 1

Gi4_559662_x2ggGuuucacccaguagaucgg..... 1
 Gi5_8761465_x2.....guucUauucccggaucggagc..... 1
 Gi4_553044_x2gguucgauucccggauc..... 0
 Gi5_8772509_x2gguucgauNcccggaucg..... 1
 Gi2_10909843_x2.....uccggugugguauaacgUcua..... 1
 Gi3_28111294_x2.....guucgCuucccggaucgg..... 1
 Gi2_10973581_x2.....guucgauCcccggaucgg..... 1
 Gi3_28172068_x2.....cgauucUcggcaucggagc..... 1
 Gi3_28250786_x2.....Ggauucccggaucggagcucuu..... 1
 Gi2_10855447_x2.....uccggugugguauaacggcuCgcau..... 1
 Gi3_28117024_x2.....Auuucacccaguagaucgg..... 1
 Gi2_10835941_x2.....Gcggugugguauaacggcuagc..... 1
 Gi5_8728697_x2.....Ucggugugguauaacggcua..... 1
 Gi5_8742469_x2.....gguucgGuucccggaucg..... 1
 Gi4_559956_x2guucgauucccggcGucgg..... 1
 Gi2_10845619_x2.....uccUgugugguauaacggcuagca..... 1
 Gi2_10942543_x2.....gguuuucacccaAuagaucgg..... 1
 Gi5_8772079_x2.....uccggugugguauaCcgguag..... 1
 Gi1_4149363_x2.....gguuuucacccaguagUuccgg..... 1
 Gi5_8779067_x2.....guucgauucccggaucgAa..... 1
 Gi2_10947837_x2.....uuuucacAcaguagaucgg..... 1
 Gi1_4157659_x2.....Uguucgauucccggaucg..... 1
 Gi5_8722823_x2.....gguucgauucccAgcaucggagc..... 1
 Gi3_28134816_x2.....guucgauucccggaAcgga..... 1
 Gi2_10869579_x2.....ggCuuucacccaguagauc..... 1
 Gi1_4123217_x2.....Uguucgauucccggauc..... 1
 Gi1_4130043_x2.....uccgguguggAaaaacggcua..... 1
 Gi5_8801317_x2.....cggugugguauaacggcuagA..... 1
 Gi2_10941713_x2.....uCcaccaguagaucgg..... 1
 Gi1_4133149_x2.....gguuCucacccaguagauc..... 1
 Gi5_8770311_x2.....cggugugguauaacggcuCgc..... 1
 Gi1_5945070_x2.....gUuucgauucccggauc..... 1
 Gi3_27986748_x2.....guucAauucccggaucggag..... 1
 Gi3_28178408_x2.....uccgguguggAauaacggcuagcau..... 1
 Gi3_28169572_x2.....ucAggugugguauaacgg..... 1
 Gi1_4105101_x2.....cGcaguagaucggguucgauucc..... 1
 Gi5_8773313_x2.....uccggugugguUuaaacggcuagca..... 1
 Gi1_4139407_x2.....gguucgauucccggcGucgg..... 1
 Gi5_8731307_x2.....guuuucacccaguagaucUgg..... 1
 Gi2_10944631_x2.....guucgauucccggaAcgga..... 1
 Gi3_27985994_x2.....ugguuuucGcccaguagauc..... 1
 Gi1_4151709_x2.....ggAuuucacccaguagaucgg..... 1
 Gi5_8818215_x2.....gguucAauucccggaucgg..... 1
 Gi3_28179870_x2.....ccggugugguauaacggcCagc..... 1
 Gi3_28144200_x2.....gguuuucaAccaguagauc..... 1
 Gi3_28093140_x2.....gguucgauCcccggaucggagc..... 1
 Gi3_28234614_x2.....guucgauucccggaucggagcucuu..... 0

Gi1_4158027_x2.....guuuucacccaguagCuccg..... 1
Gi2_10903867_x2.....ugguuCucacccaguagauccg..... 1
Gi3_28186874_x2.....ucGggugugguauaacggcuag..... 1
Gi2_10852079_x2.....Ggguuuucacccaguagauccgggu..... 1
Gi2_10984417_x2.....uccggugugguauaUcggcuagca..... 1
Gi2_10853895_x2.....cUggugugguauaacggcua..... 1
Gi3_28248886_x2.....uccNgugugguauaacggc..... 1
Gi3_28158892_x2.....uuuuGacccaguagauccg..... 1
Gi3_28233734_x2.....ugguuuucacccaguCgauccg..... 1
Gi3_28148990_x2.....gguuuucUcccaguagauccg..... 1
Gi3_27984986_x2.....agauccggguucAauucc..... 1
Gi5_8784747_x2.....cggGgugguauaacggcuagc..... 1
Gi2_10865959_x2.....Accggugugguauaacggcu..... 1
Gi2_10940713_x2.....ccggugugguauaGcggc..... 1
Gi1_4146289_x2.....gCucgauucccggaucg..... 1
Gi1_4097663_x2.....uuuucacccaguagaCccg..... 1
Gi1_4094081_x2.....guucgauUccggcaucgga..... 1
Gi5_8731495_x2.....uggGuuucacccaguagau..... 1
Gi2_10955765_x2.....guucgauucccggaucAga..... 1
Gi1_4138441_x2.....ccggugugguauaacGcuagc..... 1
G1a_5938774_x2.....guuuCcacccaguagauccg..... 1
Gi5_8722545_x2.....gguucgauucccggaucggagA..... 1
Gi5_8753409_x2.....gguuuucacccaAuagauccg..... 1
Gi2_10886913_x2.....uuuucacccaguaAaucc..... 1
Gi3_28239860_x2.....gauccggguucgaCuccc..... 1
Gi5_8749465_x2.....gguucgaCucccggaucggagc..... 1
Gi5_8761967_x2.....cgguguggNauaacggcu..... 1
Gi2_10925327_x2.....uuuucacccaguagauAg..... 1
Gi3_28041750_x2.....ucUggugugguauaacggcuagcaugacu..... 1
Gi3_28149410_x2.....gguuAucacccaguagau..... 1
Gi3_28005234_x2.....guuuucacccagAagauccg..... 1
Gi5_8722463_x2.....cgguguggNauaacggcuagcaugacu..... 1
Gi5_8731797_x2.....gCuucgauucccggaucgg..... 1
Gi3_28078060_x2.....uccgguguUguauaacggc..... 1
Gi5_8732521_x2.....uccggguucgGuucccggc..... 1
Gi3_28252934_x2.....uccgguguCguauaacggcua..... 1
Gi5_8746063_x2.....ugguuuucacccaguagauAcgg..... 1
Gi2_10872925_x2.....uccggugugguauaacggcGagca..... 1
Gi5_8786959_x2.....Uguccggugugguauaacggcua..... 1
Gi3_28010498_x2.....cugguCuucacccaguagauccg..... 1
Gi5_8769033_x2.....gguccggugugguauCacgg..... 1
Gi1_4100873_x2.....guucgauucccggaCcgagc..... 1
Gi2_10900561_x2.....uccgguguggCauaacggcuag..... 1
Gi3_28175410_x2.....ggGgugguauaacggcua..... 1
Gi5_8823555_x2.....uccggAgugguauaacgg..... 1
Gi1_4092213_x2.....guucgauucccggaucAga..... 1
Gi2_10986413_x2.....guucUauucccggaucg..... 1

Gi3_28146798_x2.....ccgguguggCauaacggcuagc.....1
G1a_5963552_x2.....guuuuaccccCguagauccg.....1
Gi1_4096225_x2.....guucgauucccggaucggG.....1
Gi2_10948985_x2.....uuuucacccaguagauccGg.....1
Gi2_10849895_x2.....agaucggNuucgauucc.....1
Gi1_4108951_x2.....uccggugugguauaacggcGa.....1
Gi1_4112117_x2.....cUggugugguauaacggcuagcau.....1
Gi2_10901797_x2.....uuuucacccaguagaCccg.....1
G1a_5964376_x2.....uUcggugugguauaacggcua.....1
Gi2_10923993_x2.....Nccggugugguauaacggcuagc.....1
Gi5_8765773_x2.....ggCucgauucccggauc.....1
Gi3_28035642_x2.....guucgauucccggcCucgga.....1
Gi2_10846981_x2.....ucgauucccggaCcgga.....1
Gi3_28055154_x2.....uccggugugguauaaGggcuagca.....1
Gi5_8802383_x2.....guucgauucccggaAcgg.....1
Gi5_8770077_x2.....uccggugugguauaacggcuagGa.....1
Gi3_28174380_x2.....ucgauucccggaCcgga.....1
Gi2_10975383_x2.....uccggugugguauaCcggcua.....1
G1a_5947658_x2.....uGuuaccccaguagauccg.....1
Gi2_10951297_x2.....ggugugguauaacggcuaAc.....1
Gi5_8735353_x2.....uccggugugguauaacggc.....1
Gi2_10889431_x2.....Aguucgauucccggaucggagc.....1
G1a_5903088_x2.....uucgGuucccggaucggagc.....1
Gi1_4106411_x2.....uccggugugguauaacggcuaCc.....1
Gi3_28071772_x2.....gguuUgauucccggauc.....1
Gi3_28213706_x2.....gguucgauucccggaUgga.....1
Gi3_28171890_x2.....uuuucacccaguagaCccgg.....1
Gi2_10860633_x2.....uuucGcccaguagauccg.....1
Gi1_4100605_x2.....gguuuuaccccaguagauccAgg.....1
Gi2_10923587_x2.....uuuucacccaguagaCcc.....1
Gi2_10847869_x2.....Ucggugugguauaacggcuagc.....1
Gi1_4093903_x2.....guuuuaccccagGagauccg.....1
Gi2_10930635_x2.....ccggugugguGuaacggcuagc.....1
Gi5_8814411_x2.....gguucgauucccgAcaucg.....1
Gi3_28041880_x2.....uuuucaUccaguagauccg.....1
Gi3_28000366_x2.....ccggugugguauaCcggcuaagc.....1
Gi5_8815075_x2.....uccggugugguGuaacggcuagcaugacu.....1
Gi2_10918135_x2.....gguucgauucccggcGucgg.....1
G1a_5882706_x2.....uccggugugguauaacggcuCgca.....1
Gi1_4100783_x2.....uuuucaccNaguagauccgg.....1
Gi2_10854843_x2.....guucgauuUccggcaucggag.....1
Gi3_28125364_x2.....gAuuuuaccccaguagauccgg.....1
Gi5_8779127_x2.....uccggugAgguauaacggcuag.....1
Gi5_8793441_x2.....guCcgauucccggaucg.....1
Gi1_4112593_x2.....ccggugugguauaacggcCa.....1
Gi2_10897557_x2.....uGcgauucccggaucgga.....1
Gi3_27988720_x2.....ccggugugAuauaacggcuagc.....1

Gi1_4103785_x2.....uccggugugguauaCcgg..... 1
Gi2_10950039_x2.....uccggugugguauaacggcGa..... 1
Gi5_8750369_x2.....gAuucgauucccggaucgg..... 1
G1a_5966880_x2.....cGgguuuucacccaguagauc..... 1
Gi1_4158139_x2.....guuuucacccaguCgaucgg..... 1
Gi2_10831559_x2.....uccggugugguauaacgC..... 1
Gi3_28256590_x2.....uuuucUccaguagaucgg..... 1
Gi1_4099447_x2.....Aguucgauucccggaucgg..... 1
Gi2_10875751_x2.....uccgguguggGauaacggcua..... 1
Gi3_28111008_x2.....gguucgauucccggaucg..... 1
Gi3_28197826_x2.....cGggugugguauaacggcuagca..... 1
Gi3_28063864_x2.....uccggugugguauaacggcuagGau..... 1
Gi3_28259960_x2.....uccggugugguauaacggcuagcaG..... 1
Gi2_10849447_x2.....gguucgauuccUgcaucggagc..... 1
Gi1_4106507_x2.....ucGggugugguauaacggcuag..... 1
Gi1_4129903_x2.....Uccggugugguauaacggcuag..... 1
Gi1_4139921_x2.....guuuucaccAaguagaucgg..... 1
Gi2_10850165_x2.....gUuccggugugguauaacggcuagcauga..... 1
Gi5_8771149_x2.....uccggugugguauaacggcAa..... 1
Gi3_27995912_x2.....cggugugguauaacggcuagc..... 0
Gi1_4091425_x2.....guuuucacUcaguagaucgg..... 1
Gi1_4133957_x2.....gguuuucacccagCagauc..... 1
Gi1_4145399_x2.....uuuCcaccaguagaucgg..... 1
Gi5_8780591_x2.....gguccggugugguauaCcggc..... 1
Gi3_28043274_x2.....uGcggugugguauaacggcuagcaugacu..... 1
Gi4_567284_x2.....uUguuuucacccaguagaucgg..... 1
Gi2_10933811_x2.....gCuucgauucccggauc..... 1
Gi3_28039876_x2.....gugCgguauaacggcuagc..... 1
Gi3_28226766_x2.....uccggugugAuauaacggcuag..... 1
Gi1_4136811_x2.....guucgauucccggaucAgga..... 1
Gi2_10860345_x2.....gguucgCuucccggaucgg..... 1
Gi3_28115482_x2.....cgUguucgauucccggaucgga..... 1
Gi3_28023632_x2.....uccggGgugguauaacggc..... 1
G1a_5929054_x2.....uuAucacccaguagaucgg..... 1
Gi3_28099100_x2.....ggAucgauucccggaucggag..... 1
Gi5_8742037_x2.....uccggugAgguauaacggcuagcau..... 1
Gi1_4110723_x2.....uccggugugguauaacggAua..... 1
Gi2_10951559_x2.....Cuuucacccaguagaucgg..... 1
Gi5_8796297_x2.....gguuuUacccaguagaucgg..... 1
Gi2_10938189_x2.....ccggGgugguauaacggcuagc..... 1
Gi1_4148699_x2.....uccggugugguauaGggcuagca..... 1
Gi2_10986843_x2.....guuuucacNcaguagaucgg..... 1
Gi5_8777611_x2.....ggCuuucacccaguagauc..... 1
Gi2_10954663_x2.....uccggugugguauUacggcuagca..... 1
Gi5_8725781_x2.....cccaguagaucggguucAau..... 1
Gi1_4153637_x2.....guuuucacUcaguagaucgg..... 1
G1a_5977728_x2.....uccggugugguauaGcggcuag..... 1

Gi3_28134716_x2.....guagauccAgguucgauu..... 1
 Gi5_8732889_x2.....ccggugugguauaCcggcua..... 1
 Gi2_10890747_x2.....gguucgauucccggcgauAgg..... 1
 Gi3_28146690_x2.....cgguugugguauaacggcCa..... 1
 Gi3_28130172_x2.....uguuuuuaccUaguagaucgg..... 1
 Gi3_28211472_x2.....ccggugugguauaacAgcua..... 1
 Gi1_4108181_x2.....uccggugugguauaacggcuUgca..... 1
 Gi5_8760573_x2.....guuuucaUccaguagaucgg..... 1
 Gi1_4108935_x2.....guuuucacccaguagaucggA..... 1
 Gi3_27984828_x2.....guuuucaccccGugauc..... 1
 Gi2_10930323_x2.....gguucgauuccGggcauc..... 1
 Gi1_4133555_x2.....uccggugugguauaaUggc..... 1
 Gi3_28174660_x2.....uccgguguUguauaacgg..... 1
 Gi1_4124855_x2.....uggGuuuacccaguagaucgg..... 1
 Gi5_8727887_x2.....uuuaccccNguagaucgg..... 1
 Gi3_28154036_x2.....ucNggugugguauaacggcua..... 1
 Gi2_10913593_x2.....agaucggguCcgauucc..... 1
 Gl1_5969786_x2.....uccggugugguauaacggcuGg..... 1
 Gi3_28104068_x2.....uccggugugguauaacgAcu..... 1
 Gi1_4134543_x2.....guucgauuccUcggcaucgg..... 1
 Gi3_28125242_x2.....gguucgauuAccggcaucg..... 1
 Gi3_28248346_x2.....guuuGcaccaguagaucgg..... 1
 Gi2_10865055_x2.....gguucgaCuccggcaucggagc..... 1
 Gi1_4104247_x2.....guuuucacccaguagaAccg..... 1
 Gl1_5919644_x2.....uccggugugguauaacggcuUgc..... 1
 Gi1_4128351_x2.....uccggugugguauGacggcuagca..... 1
 Gi2_10916401_x2.....ucAggugugguauaacggcuag..... 1
 Gi2_10855403_x2.....guucgauuNccggcaucggagc..... 1
 Gi3_28014772_x2.....Gcggugugguauaacggcuagca..... 1
 Gi1_4090701_x2.....ccggugugguauaacggcCagca..... 1
 Gi2_10963291_x2.....uccAgugugguauaacggcu..... 1
 Gi5_8719627_x2.....gguucgauucccgUaucggag..... 1
 Gi2_10976249_x2.....uccNgugugguauaacggcuagc..... 1
 Gi3_28244092_x2.....ggugGgguauaacggcua..... 1
 Gi3_28259416_x2.....gugugguauaacggcuagcU..... 1
 Gi1_4128427_x2.....ggugGgguauaacggcuagc..... 1
 Gi5_8815767_x2.....ccggGgugguauaacggcuag..... 1
 Gl1_5927430_x2.....Uguucgauucccggaucggga..... 1
 Gi3_28106714_x2.....guuuucacccaguagGucc..... 1
 Gi3_28152040_x2.....gguucAauucccggaucgg..... 1
 Gi3_28233898_x2.....uccggugugguauaacgAcuagca..... 1
 Gi3_28244390_x2.....ucgauucccggaucggagcCc..... 1
 Gi1_4137705_x2.....gguuuucaAccaguagaucgg..... 1
 Gi3_28220854_x2.....Uggugugguauaacggcua..... 1
 Gl1_5931642_x2.....Cguuuucacccaguagaucgg..... 1
 Gi2_10937405_x2.....ccggugugguauaGcggcua..... 1
 Gi5_8820787_x2.....gguucgauucccgGucggag..... 1

Gi2_10922731_x2.....gguucgauucccggaUaucgga..... 1
 Gi3_28207572_x2.....Nuuuuuacccaguagauc..... 1
 Gi1_4157969_x2.....uccggugugguauaacUgcuagc..... 1
 Gi3_28014012_x2.....uccggugugguauaacggGuagca..... 1
 Gi2_10888709_x2.....uuuucaccUaguagaucc..... 1
 Gi5_8754843_x2.....agUuccggguucgauucc..... 1
 Gi1_4127073_x2.....ucAggugugguauaacggcua..... 1
 Gi1_4314486_x1.....uuuucacccCguagauccgg..... 1
 Gi3_28987790_x1.....gguuuuAaccaguagauc..... 1
 Gi1_4318461_x1.....cggGgugguauaacggcuagca..... 1
 Gi3_28510294_x1.....gguucgauucccggaU..... 1
 Gi3_28350067_x1.....uccggugugguauaacggcGagcau..... 1
 G1a_6245388_x1.....Aguucgauucccggaucgga..... 1
 Gi2_11099225_x1.....uuuucacccaguagauUcg..... 1
 Gi5_9081566_x1.....gguuuuacaccAaguagauccgg..... 1
 Gi1_4373347_x1.....ggNuuucacccaguagauccgg..... 1
 Gi5_8932366_x1.....ccggCgugguauaacggcua..... 1
 Gi5_9104184_x1.....ugguuuucaUccaguagauccg..... 1
 Gi1_4161974_x1.....guAcgauucccggaucgga..... 1
 Gi5_9056987_x1.....Ucggugugguauaacggcuagc..... 1
 Gi5_9079393_x1.....uccggugAgguauaacgg..... 1
 Gi1_4222050_x1.....guucgauucccggaucgAa..... 1
 Gi1_4364094_x1.....ccggugugguauaacggcuaCcau..... 1
 G1a_6144092_x1.....uggGuuucacccaguagauccgg..... 1
 Gi3_28597453_x1.....cugguuCucacccaguagauc..... 1
 Gi5_9005229_x1.....uccggugugguauaacggcuagcau..... 1
 Gi3_28696393_x1.....guuuucUcccaguagauccg..... 1
 Gi5_9004497_x1.....uccggugCgguauaacggcuagcaugac..... 1
 G1a_5989669_x1.....guucgauucccggaUgga..... 1
 Gi3_28633427_x1.....ccggugugguGuaacggcuag..... 1
 Gi1_4327430_x1.....uucacccaguagaCccgg..... 1
 Gi3_28306236_x1.....guAcgauucccggaucggagc..... 1
 Gi1_4163700_x1.....gguuuucacccaguagauGcg..... 1
 Gi4_572354_x1.....gguuuucacccaguagaCccgg..... 1
 Gi3_28346112_x1.....uuucacccaguagGuccgg..... 1
 Gi3_28891813_x1.....ccggugugguauaacggc..... 1
 Gi5_8941087_x1.....uccggugugguUuaacggcua..... 1
 Gi5_9057533_x1.....uccUgugugguauaacggcuagca..... 1
 Gi3_28360187_x1.....gguuuucacccaguagaC..... 1
 Gi2_11119008_x1.....Aguuuucacccaguagaucc..... 1
 Gi5_8981891_x1.....uccggugGgguauaacggc..... 1
 Gi1_4361387_x1.....gguuuucacAcaguagauccgg..... 1
 Gi3_28653640_x1.....cccggcaucggGgcucuuu..... 1
 Gi5_8922038_x1.....uccggAgugguauaacggcu..... 1
 Gi2_11055440_x1.....ggugugguuaCaacggcuagc..... 1
 Gi5_9053796_x1.....uccgguguAguauaacggcu..... 1
 Gi5_9051589_x1.....ugguuuucacccagCagauc..... 1

Gi5_8940794_x1.....ugguuuucacccaguagauU..... 1
 Gi5_9129010_x1.....uccggugugguauaacggAuag..... 1
 Gi5_9087738_x1.....cgguaugguauaacggcu..... 1
 Gi1_4276687_x1.....guguUguauaacggcuag..... 1
 Gi2_11222680_x1.....gCuucacccaguagauccgg..... 1
 Gi3_28926412_x1.....cccaguagUuccggguucgauucc..... 1
 Gi1_4350833_x1.....gAucgauucccggaucgga..... 1
 Gi1_4383231_x1.....uucgauucccggaucggaU..... 1
 Gi5_8860295_x1.....ggugugguauaacggGuagc..... 1
 Gi5_8831201_x1.....gguuAgauucccggaucgga..... 1
 Gi1_4352769_x1.....ugguuuucacccaguagaCc..... 1
 Gi3_28855717_x1.....uucgUuucccggaucgga..... 1
 Gi2_11336000_x1.....ccggugugguauCacggcuag..... 1
 Gi2_11309497_x1.....guuuucacccaguUgaucgg..... 1
 Gi2_11111216_x1.....ccggugugguauaacggcuagG..... 1
 Gi3_28743551_x1.....cggugugguauaacggcuG..... 1
 Gi3_28729115_x1.....gguuAgauucccggauc..... 1
 Gi3_28688725_x1.....cccgUcaucggagcucuuu..... 1
 Gi5_8945046_x1.....ugguuuucacccUguagaucg..... 1
 Gl1_6324348_x1.....uccggAgugguauaacggcuagcau..... 1
 Gi3_28915666_x1.....aucggguucgauucAcgga..... 1
 Gi3_28766492_x1.....gCuucacccaguagau..... 1
 Gi3_28698460_x1.....gguucgauucccggaucggagA..... 1
 Gi4_573117_x1.....uccggAgugguauaacggcuagc..... 1
 Gi5_8842526_x1.....Uccaguagaucggguucgau..... 1
 Gi3_28546259_x1.....uuucacccaguagaucAg..... 1
 Gi3_28576444_x1.....uccgguguCguauaacggc..... 1
 Gi5_8981329_x1.....guAcgauucccggaucggagc..... 1
 Gi2_11119773_x1.....gguucgauucccggaucaggagc..... 1
 Gi1_4233066_x1.....ccggugugguauaacUgcuagc..... 1
 Gi3_28495262_x1.....guuUgauucccggaucg..... 1
 Gi3_28713245_x1.....ccggugugguauaacCggcuagca..... 1
 Gi3_28423236_x1.....gGagauccggguucgauuccggc..... 1
 Gi3_28757020_x1.....ucgauucccgUaucggagc..... 1
 Gi3_28290224_x1.....cgUuucccggaucggag..... 1
 Gl1_6174514_x1.....uccgguguggCauaacgg..... 1
 Gi1_4307508_x1.....ucNggugugguauaacggcuagca..... 1
 Gi1_4217079_x1.....guagaucggguucgauGccc..... 1
 Gi3_28617979_x1.....gguucgauucccgAcaucgg..... 1
 Gi3_28944783_x1.....guucgauNccggcaucg..... 1
 Gi3_28818950_x1.....cggugugCauaacggcu..... 1
 Gl1_6259964_x1.....cccaguUgaucggguucgauucc..... 1
 Gi2_11157737_x1.....guuuucacccGguagaucgg..... 1
 Gl1_6221803_x1.....guucgauucccggaucg..... 0
 Gi3_28393806_x1.....guuuucacccaguagaucAg..... 1
 Gi1_4212236_x1.....uccggugugguauaacUgcuagca..... 1
 Gl1_6090993_x1.....guucgauNccggcaucggagc..... 1

Gi5_8934083_x1.....uccggugugguauaacggGuag..... 1
Gi2_11224829_x1.....ggGucgauucccggaucgg..... 1
Gi3_28965327_x1.....Ugauucccggaucggagcucu..... 1
Gi3_28900020_x1.....ccggugugguauaaUggcua..... 1
Gi2_11166958_x1.....ccaNuagauccggguucgauucc..... 1
Gi5_8862134_x1.....uuCcaccaguagaucgg..... 1
Gi5_8918525_x1.....uccggugugguauaacggGua..... 1
Gi5_8980963_x1.....gguucgauucccggcCucgg..... 1
G1a_6281501_x1.....Cuucgauucccggaucggagc..... 1
Gi2_11023598_x1.....ugguuuuAaccaguagaucgg..... 1
G1a_6186882_x1.....uAcggugugguauaacggcuagc..... 1
Gi2_11036097_x1.....ugguuuuacccaguagCuc..... 1
Gi1_4216320_x1.....gguuuucacccagAagaucgg..... 1
Gi5_9117084_x1.....gguucgauucccggaucaggagc..... 1
G1a_6118847_x1.....Ggguuuuacccaguagauc..... 1
G1a_6246598_x1.....Auucgauucccggaucggga..... 1
Gi1_4220280_x1.....ugguuuuacccaguaAaucgg..... 1
Gi3_28647329_x1.....uccggugugguauaacggG..... 1
Gi2_11157373_x1.....agaucggggCucgauucc..... 1
Gi3_28652125_x1.....Cgguucgauucccggaucgg..... 1
G1a_28706004_x1.....gguccgguNugguauaacggcua..... 1
G1a_6035439_x1.....uccggugGguauaacggcuag..... 1
Gi3_28625063_x1.....ccggugugguauaGcggcuagca..... 1
Gi5_8846447_x1.....uggAuuucacccaguagaucgg..... 1
G1a_6250363_x1.....uccggugugguauaacggUua..... 1
Gi3_28800450_x1.....uccggugugguauaacggcuaUcaugacu..... 1
Gi3_28737128_x1.....gUuuuuacccaguagaucggguucgauu..... 1
Gi2_11223712_x1.....uuNucaccaguagaucgg..... 1
Gi1_4363263_x1.....ccggugugguauaacggcuagcU..... 1
Gi1_4222962_x1.....Guccggguucgauucccggaucggag..... 1
Gi1_4230905_x1.....ccggugugguauaacggUuagc..... 1
Gi5_8963879_x1.....Agguuuucacccaguagauc..... 1
Gi3_28429253_x1.....gguucgauucccggcCucgg..... 1
Gi2_11084525_x1.....ggugugguauaacAgcuagc..... 1
G1a_6160137_x1.....gguucgauucccggaucggagcCcuu..... 1
Gi3_28348294_x1.....ggCucgauucccggaucgg..... 1
Gi5_8895246_x1.....Uuagaucggguucgauucccggaucggag..... 1
Gi4_571752_x1.....uccggCgugguauaacggcuagca..... 1
Gi1_4183178_x1.....uuuucacccaguagCuccg..... 1
Gi2_11295042_x1.....gguuuucaNccaguagauc..... 1
Gi2_11004083_x1.....uccggugAgguauaacggcuag..... 1
Gi5_8986447_x1.....cgauucccggaucggCgcucu..... 1
Gi2_11173183_x1.....guucgauucccggaucgCa..... 1
Gi1_4338188_x1.....ggugugguauaacggcuagcaC..... 1
Gi2_11359035_x1.....ggugGguauaacggcuagc..... 1
Gi3_28980890_x1.....agGuccggguucgauucc..... 1
Gi3_28283115_x1.....aAaucggguucgauucc..... 1

Gi5_9026942_x1.....guucgauucccgCcaucgg..... 1
 Gi2_11172987_x1.....gguCcgauucccggaucggagc..... 1
 Gi3_28305484_x1.....gguucgauucccggaucgA..... 1
 Gi3_28369938_x1.....gaucUggguucgauucc..... 1
 Gi5_8885386_x1.....guucgauuccUgcaucgg..... 1
 Gi5_8933808_x1.....guucgauAcccggaucgga..... 1
 Gi3_28909596_x1.....gguucgauucccggaucAgg..... 1
 Gi2_11245346_x1.....uuucaccaguagaCccg..... 1
 Gi1_4326041_x1.....cGggugugguauaacggcuag..... 1
 Gi3_28437212_x1.....cgauucccggaCcgagcucu..... 1
 Gi2_11316142_x1.....gguuuacaccaguagCuc..... 1
 Gi2_11311011_x1.....guucgauucccggcCucggagc..... 1
 Gi5_8974769_x1.....uuuacaccAaguagaucgg..... 1
 Gl1_6140831_x1.....uGucaccaguagaucgg..... 1
 Gi3_28952379_x1.....ugguuuacaccaguCgauc..... 1
 Gl1_6035441_x1.....ggCucgauucccggaucgg..... 1
 Gi2_11387896_x1.....guucgGuucccggaucggagc..... 1
 Gi5_9062701_x1.....cCgugugguauaacggcuagca..... 1
 Gi5_9137678_x1.....uccggguucgauucccgga..... 0
 Gi2_11128943_x1.....ggCccgugugguauaacggcuagc..... 1
 Gi3_28504192_x1.....gAuucgauucccggaucgga..... 1
 Gi2_11040471_x1.....ugugAuuaaacggcuagc..... 1
 Gi3_28954038_x1.....guuAgauucccggaucgg..... 1
 Gi3_28821034_x1.....uccgUugugguauaacggcuagcaugacu..... 1
 Gi5_8927669_x1.....gCuucgauucccggaucggagc..... 1
 Gi1_4382679_x1.....ugguuuacaccaguagGuccg..... 1
 Gi3_28324700_x1.....uuuuAaccaguagaucgg..... 1
 Gi5_8925465_x1.....uccggugugguauaacggcuagcaAga..... 1
 Gl1_6334093_x1.....ugguuuucUccaguagaucgg..... 1
 Gi5_8834831_x1.....gguucAauucccggaucgga..... 1
 Gi5_8841507_x1.....guuuucCcccaguagaucgg..... 1
 Gl1_6001769_x1.....gguucgaCucccggaucg..... 1
 Gl1_6070133_x1.....uccggugugguauaacggcuagcC..... 1
 Gl1_6055141_x1.....guucgauNccgggaucgga..... 1
 Gi5_9050403_x1.....ugguGuuacaccaguagaucgg..... 1
 Gi3_28850251_x1.....guucgauucccggaAcgg..... 1
 Gi5_9122569_x1.....ccgguguAguuaaacggcuag..... 1
 Gi5_8937840_x1.....guuuucaAccaguagaucgg..... 1
 Gi1_4364850_x1.....ccgAugugguauaacggcuagca..... 1
 Gi2_11033636_x1.....Gucgauucccggaucgg..... 1
 Gi2_11083908_x1.....ggNuuacaccaguagaucgg..... 1
 Gi1_4230540_x1.....uccggugugguauaacggcuUg..... 1
 Gi3_28557038_x1.....cgauucccggaucggagcucCu..... 1
 Gi5_8854383_x1.....guucgauuAccgggaucg..... 1
 Gi3_28749907_x1.....ugCgguuaaacggcuagc..... 1
 Gi5_9085233_x1.....gguucAauucccggaucg..... 1
 Gi1_4332740_x1.....uccggugugAuuaaacggcuagca..... 1

Gi1a_6006210_x1.....gUuucgauucccggaucgga..... 1
Gi3_28831620_x1.....gguucgauucccggaucgga..... 1
Gi1_4224313_x1.....gguuuuacaccaguagauccggU..... 1
Gi3_28665093_x1.....uuuucaccaguUgaucgga..... 1
Gi3_28651004_x1.....uccggugugguauaUcggcuagcaugacu..... 1
Gi3_28635474_x1.....gguucgauuccAggcaucgga..... 1
Gi2_11169415_x1.....uccgAugugguauaacggcuagcaugacu..... 1
Gi2_11067963_x1.....ccggAgugguauaacggc..... 1
Gi5_9089332_x1.....gguuucAccaguagauccg..... 1
Gi1_4357967_x1.....uuuucaccaAuagauccgg..... 1
Gi3_28497196_x1.....uccggugugguauaacggcuagcauUacu..... 1
Gi3_28946686_x1.....gguuuUaccaguagauccg..... 1
Gi1_4221365_x1.....aucGggguucgauucccggaucgga..... 1
Gi3_28850589_x1.....gguuuuacaccaguagUuccg..... 1
Gi2_11038420_x1.....ugguuuucUcccaguagauccg..... 1
Gi5_9121790_x1.....cgUuucccggaucggaucgga..... 1
Gi3_28604271_x1.....gAugugguauaacggcu..... 1
Gi3_28891531_x1.....ggCuuuacaccaguagauccggguuc..... 1
Gi2_11112177_x1.....uuuUaccaguagauccgg..... 1
Gi5_8991804_x1.....gguuuuUaccaguagauccgg..... 1
Gi1_4330060_x1.....accaguagauccggguucgauAcc..... 1
Gi3_28960098_x1.....gguuuuacaccGaguagauccg..... 1
Gi3_28276223_x1.....uccggugCgguauaacggcuagc..... 1
Gi4_594993_x1.....uucgUuucccggaucgga..... 1
Gi2_11286423_x1.....cgguuguguaCaacggcuagc..... 1
Gi5_8896189_x1.....ugguuuuacaccUguagauccg..... 1
Gi2_11221186_x1.....ccggguucgauucccggaucgga..... 1
Gi2_11361890_x1.....cccCguagauccggguucgauucc..... 1
Gi1a_6257842_x1.....gguccggugugguauaacggUuagc..... 1
Gi2_11397404_x1.....uccggugugguauaaAggcuagcau..... 1
Gi3_28632886_x1.....uccggugugguGuaacggcuagc..... 1
Gi4_587999_x1.....uccggugugguGaacgg..... 1
Gi1_4256420_x1.....gguucgauucccggaucggaucgga..... 1
Gi4_609702_x1.....gguucgauucccggaucggaucgga..... 1
Gi3_28812461_x1.....Ucggugugguauaacggcuagcau..... 1
Gi1_4335404_x1.....gguNuucaccaguagauccg..... 1
Gi2_11061577_x1.....uuuuUaccaguagauccgg..... 1
Gi1_4218155_x1.....uccggugugguCaacggcuagcaugacu..... 1
Gi5_9019628_x1.....Ucggugugguauaacggc..... 1
Gi3_28703877_x1.....ggAucgauucccggaucgga..... 1
Gi2_11260118_x1.....gaGccggguucgauucc..... 1
Gi3_28897993_x1.....gguucgauucccggaucggaucgga..... 1
Gi1_4305550_x1.....uuuucaccaguagUuccg..... 1
Gi3_28907515_x1.....gguucgauucccggaucggaucgga..... 1
Gi2_11293805_x1.....uuuucaccaguagUuccg..... 1
Gi2_11357695_x1.....ggCucgauucccggaucg..... 1
Gi3_28643116_x1.....ugguuuucCccaguagauccg..... 1

Gi3_28289883_x1.....gauucccggaucggagcuA..... 1
 Gi1_4270497_x1.....Agugugguauaacggcuag..... 1
 Gi2_11223487_x1.....cugguuuucacccaguagauc..... 0
 Gi3_28811805_x1.....gguccggugugguauCacggcua..... 1
 Gi3_28973092_x1.....accCGguagauccggguucgauucc..... 1
 Gi5_8869329_x1.....uUcggugugguauaacggcu..... 1
 G1a_6278687_x1.....gguuuucacccaguagauAcgg..... 1
 G1a_6256905_x1.....uGcggugugguauaacggcuagca..... 1
 Gi2_11117225_x1.....uucGcccaguagauccgg..... 1
 Gi2_11173907_x1.....ugguuuucacccaguagauccgggG..... 1
 Gi1_4339569_x1.....ccggugugguGuaaacggcuagcau..... 1
 Gi1_4164320_x1.....guGcgauucccggaucggga..... 1
 Gi2_11179057_x1.....uucgauucccggaucAga..... 1
 Gi1_4250010_x1.....gUuucgauucccggauc..... 1
 Gi3_28540507_x1.....uccgguAugguauaacggcu..... 1
 Gi1_4187265_x1.....Accggugugguauaacggcu..... 1
 Gi5_8972784_x1.....guuuuUaccaguagaucc..... 1
 Gi3_28737299_x1.....uuucacccaguagaCccgg..... 1
 Gi1_4279235_x1.....gCugugguauaacggcuagc..... 1
 Gi5_8922575_x1.....ugguuuucacccCguagauc..... 1
 Gi5_9073746_x1.....gguucgauuccUggcaucggagc..... 1
 Gi3_28653574_x1.....gguGuucacccaguagauc..... 1
 Gi3_28360835_x1.....uccggugugguGaaacggc..... 1
 Gi2_11222953_x1.....Cguucgauucccggauc..... 1
 G1a_6073842_x1.....uccggugCgguauaacggcuagcau..... 1
 Gi2_11169933_x1.....uuUgauucccggaucgg..... 1
 Gi5_8984191_x1.....uccgguguUguauaacggc..... 1
 Gi5_9017461_x1.....Gccggugugguauaacggcuagcauga..... 1
 Gi3_28622539_x1.....guucgaAucccggaucggga..... 1
 Gi5_8941937_x1.....ugugguauaacggcuagA..... 1
 Gi1_4275087_x1.....gguuuuGaccaguagauccgg..... 1
 Gi5_9005117_x1.....uccgguguggGauaacggcuagca..... 1
 Gi5_8871122_x1.....ucAggugugguauaacggc..... 1
 Gi3_28575765_x1.....gguucgauucccggaucgg..... 1
 G1a_6093142_x1.....cccaguagauccgggCucgauucc..... 1
 Gi3_28919046_x1.....cgauuccAgcaucggagc..... 1
 Gi2_11337504_x1.....gguucgauucccggaucgg..... 1
 Gi2_11301708_x1.....gguUgauucccggaucggagc..... 1
 Gi2_11341299_x1.....gguucgauucccggaucggagc..... 1
 Gi5_8869260_x1.....uuuucacccaguagauCgg..... 1
 Gi2_11392815_x1.....gguuuucacccaguagCuccgg..... 1
 Gi1_4385620_x1.....Uguucgauucccggaucggga..... 1
 Gi5_8995657_x1.....uccggugugguauaacggcuaC..... 1
 Gi2_11283903_x1.....gugugguauaacggcuagA..... 1
 Gi5_9024206_x1.....ggugugguauaacggcuaA..... 1
 Gi3_28937931_x1.....ugguCuucacccaguagauc..... 1
 Gi3_28619427_x1.....uggGuuucacccaguagauc..... 1

Gi2_11294474_x1.....uucgauucccggaCcgg..... 1
 Gi1_4285519_x1.....ccggugugguauGacggcuagca..... 1
 Gi5_8875879_x1.....uguuuuacaccagCagaucc..... 1
 Gi1_4365045_x1.....uguuuuacaccaguagauU..... 1
 Gi3_28938701_x1.....gAgugguauaacggcuagc..... 1
 Gi1_4328556_x1.....gguccggugugguauaCcgguagcaugacu..... 1
 Gi1_4333349_x1.....cggugugguauaacggcuag..... 0
 Gi5_9103734_x1.....gguAcgauucccggaucggagc..... 1
 Gi3_28631067_x1.....cgauucccgAcaucggagc..... 1
 Gi2_11345746_x1.....uuucaccaguagauAcg..... 1
 Gi3_28968165_x1.....uucgauucccggaucggG..... 1
 G1a_6225255_x1.....gguuuucUcccaguagauccg..... 1
 Gi5_8979611_x1.....uguuuuacacUcaguagauccg..... 1
 Gi5_8968629_x1.....uguuuuCcaccaguagaucc..... 1
 Gi1_4385716_x1.....uucaccaguagauccGA..... 1
 Gi3_28473833_x1.....guuuucaccaguagauccCg..... 1
 Gi5_9127155_x1.....uccggugugguauaacUgcuagca..... 1
 Gi2_11292907_x1.....gguuuucaccAaguagauccgg..... 1
 Gi1_4233729_x1.....guucgauucccggaucggag..... 0
 Gi3_28692269_x1.....uuucaccaguagauccA..... 1
 Gi2_11383412_x1.....cGaguagauccggguucgauucccgga..... 1
 G1a_6299723_x1.....gguuuucaccaguagaGccg..... 1
 Gi2_11114046_x1.....Nuuucaccaguagauccg..... 1
 Gi3_28859224_x1.....ggGccggugugguauaacggcu..... 1
 G1a_6344976_x1.....uccggguucgauCcccgga..... 1
 Gi3_28293381_x1.....uccggugugguauaacCgcuagcaugacu..... 1
 G1a_6306956_x1.....Cccggguucgauucccgga..... 1
 Gi2_11399923_x1.....uguuuuacaccaguagaucc..... 0
 Gi1_4163127_x1.....uccggugugGauaacggc..... 1
 G1a_6228291_x1.....uccggugugguCuaacggcuagc..... 1
 Gi5_9117887_x1.....uuuGcaccaguagauccgg..... 1
 Gi3_28429512_x1.....uccggugugguuaGaacggcu..... 1
 Gi2_11403736_x1.....ucgauucccggaucggagcCc..... 1
 Gi3_28544044_x1.....uAcggugugguauaacggcuagcau..... 1
 Gi3_28557252_x1.....guagGuccggguucgauu..... 1
 Gi3_28865568_x1.....ggugugguGuaacggcu..... 1
 Gi3_28621071_x1.....guucgauucccggaucgC..... 1
 G1a_6072044_x1.....Cccggugugguauaacggcuagcau..... 1
 Gi5_9044161_x1.....guAcgauucccggaucggga..... 1
 Gi3_28827588_x1.....gguuuucaccaguagUu..... 1
 Gi2_11302592_x1.....ggAucgauucccggaucggag..... 1
 G1a_6120475_x1.....uuuCcaccaguagauccg..... 1
 Gi5_8833559_x1.....ccggugugguUuaacggcu..... 1
 Gi5_8879562_x1.....Agugugguauaacggcuagcau..... 1
 Gi5_8883012_x1.....uccgUugugguauaacggcuagcaugacu..... 1
 Gi3_28888618_x1.....ucgauucccggaCcgagc..... 1
 Gi3_28271607_x1.....ccggugugguauaacggcuC..... 1

G1a_6108806_x1.....cugguuuucacccaguaCaucc..... 1
 G1a_6211236_x1.....uuuuGacccaguagauccg..... 1
 Gi3_28742515_x1.....ccggugugguUuaacggcuag..... 1
 Gi1_4290488_x1.....cggugugguauGacggcuagca..... 1
 Gi5_8967610_x1.....cggugugguauaacggcCag..... 1
 Gi2_11001836_x1.....ucAggugugguauaacggcuagcau..... 1
 Gi5_8991823_x1.....uccggugugguauaacgCcuag..... 1
 Gi2_11021237_x1.....ccggCgugguauaacggcu..... 1
 Gi1_4313075_x1.....guucgauucccggaCcg..... 1
 Gi3_28329207_x1.....uucgauGccggcaucgga..... 1
 Gi3_28474098_x1.....Accggcaucggagcucuuu..... 1
 Gi2_11014686_x1.....uuucacccaguagauGcg..... 1
 Gi5_8984337_x1.....uAcggugugguauaacggc..... 1
 Gi3_28824712_x1.....guUugguauaacggcuagca..... 1
 Gi2_11015672_x1.....gguuuucacUcaguagau..... 1
 Gi3_28759020_x1.....uccggugugguauaacggcuagcaugacC..... 1
 Gi4_603771_x1.....uccggugugguauaacggcuAca..... 1
 Gi5_8879892_x1.....guuuucacccagGagauccgg..... 1
 Gi2_11217965_x1.....Cucgauucccggaucgga..... 1
 Gi2_11262769_x1.....uccggugugguauaacUgcuagcau..... 1
 Gi5_8984138_x1.....gguucgauNcccggaucggagc..... 1
 Gi5_8983942_x1.....guucgauucccggaucA..... 1
 Gi5_8863239_x1.....guucgauucccgAcaucg..... 1
 Gi5_8998234_x1.....guuUgauucccggaucgga..... 1
 Gi5_9040274_x1.....uAguuuucacccaguagauc..... 1
 Gi2_11118402_x1.....guuuucacccaguGgauc..... 1
 Gi3_28358337_x1.....guucgauucccgCcaucgga..... 1
 Gi5_9012303_x1.....guuuucacccGguagauc..... 1
 Gi1_4176426_x1.....uuucGcccaguagaucgg..... 1
 G1a_6325760_x1.....uUcggugugguauaacgg..... 1
 Gi3_28782440_x1.....Uccaguagaucggguucgauucc..... 1
 Gi1_4289354_x1.....uccggugugAuauaacgg..... 1
 Gi3_28331977_x1.....aguagaucggguucgauucG..... 1
 Gi1_4191839_x1.....ugguuuCcaccaguagaucgg..... 1
 Gi3_28917289_x1.....ucUauucccggaucgga..... 1
 Gi1_4242676_x1.....ugugguauaacggcuagc..... 0
 Gi3_28262498_x1.....gguucgauucccggaucgUag..... 1
 Gi1_4198159_x1.....gguucgauucAcggcaucgg..... 1
 Gi5_8974623_x1.....guucgauucccggaucUgagc..... 1
 Gi5_9021508_x1.....ccggugugAuauaacggcuag..... 1
 Gi5_8837854_x1.....ccggugCgguauaacggcu..... 1
 Gi5_9138541_x1.....guucgauucccgCcaucg..... 1
 Gi5_8976504_x1.....guucUauucccggaucg..... 1
 Gi4_601563_x1.....uccggGugguauaacggcuagca..... 1
 Gi5_9130232_x1.....ggugugguGuaacggcuagcau..... 1
 Gi3_28923713_x1.....accaguagaucggAuucgauucc..... 1
 G1a_6048904_x1.....ucAggugugguauaacggcuagcau..... 1

Gi3_28744456_x1.....auUcggguucgauucccggaucgga..... 1
 Gi3_28899226_x1.....cgGuucccggaucggagc..... 1
 Gi3_28554277_x1.....ugguuuucacccaguagauccAg..... 1
 Gi2_11337157_x1.....ucAggugugguauaacgg..... 1
 Gi4_580751_x1.....uccgUugugguauaacggcuagc..... 1
 Gi1_4314633_x1.....uccggugugguauaaGggcua..... 1
 Gi3_28621090_x1.....ccggugugguauGacggcuagc..... 1
 Gi1_4352874_x1.....ggGucgauucccggaucg..... 1
 G1a_6067265_x1.....uccAgugugguauaacggcuagcau..... 1
 Gi2_11158065_x1.....Cguucgauucccggaucg..... 1
 Gi3_28771493_x1.....cagCagauccggguucgauucc..... 1
 Gi3_28914689_x1.....ccggGgugguauaacggc..... 1
 Gi2_11328997_x1.....uggCuuucacccaguagauccg..... 1
 Gi1_4340735_x1.....ucGggugugguauaacggcua..... 1
 Gi3_28763960_x1.....gguuuuucacccaguagauU..... 1
 Gi1_4165240_x1.....uccggugugguauUacggcua..... 1
 Gi5_8838626_x1.....ugugguauaacAgcuagc..... 1
 Gi2_11011465_x1.....ugguuuucacccaguagauAg..... 1
 Gi3_28774144_x1.....ccggAgugguauaacggcua..... 1
 Gi2_11351397_x1.....uccggugugUuauaacggcuagcau..... 1
 G1a_6058158_x1.....ucGggugugguauaacggcuag..... 1
 Gi3_28856162_x1.....uuuucacAcaguagauccgg..... 1
 Gi2_11057120_x1.....uccggugugguauaacgU..... 1
 Gi5_9010382_x1.....uccgguAugguauaacggcu..... 1
 Gi5_8904286_x1.....ugguuuucacccaguagauAcg..... 1
 Gi2_11092337_x1.....gguucgauucccggaucCg..... 1
 Gi3_28496584_x1.....ccgguguggCauaacggc..... 1
 Gi2_11041874_x1.....uuuucacccUguagauccgg..... 1
 Gi1_4186023_x1.....uucacccaguaAauccgg..... 1
 Gi5_8958488_x1.....guuuuucacccaguagauUcgg..... 1
 Gi5_9005318_x1.....guucgauuAccggcaucggagc..... 1
 Gi5_9056250_x1.....gGuuccggguucgauucccggauc..... 1
 Gi3_28881961_x1.....cgauucccggaucggagcGcu..... 1
 Gi1_4269431_x1.....Auuucacccaguagauccg..... 1
 Gi4_611640_x1.....uccggugugguauaacgAcuagc..... 1
 Gi2_11063507_x1.....uucgauucccggaucggC..... 1
 Gi5_8963961_x1.....ccggugugguauaaUggcuag..... 1
 Gi2_11297838_x1.....ccaguagauccgggCucgauucc..... 1
 Gi2_11135421_x1.....gguuuuucaccUaguagauc..... 1
 Gi2_11125562_x1.....gguuuuucacccaAuagauccgg..... 1
 G1a_5985854_x1.....uccggugAgguauaacgg..... 1
 Gi2_11391943_x1.....ugugguauaacggcuagG..... 1
 Gi2_11286599_x1.....uccggugugguuaGaacggcua..... 1
 Gi5_8954916_x1.....auccgggCucgauucccgga..... 1
 Gi2_11372612_x1.....gauccggguucgauucc..... 0
 Gi5_9025787_x1.....guucgauucccgAcaucgg..... 1
 G1a_6283447_x1.....uccggguucgauUccggca..... 1

Gi5_9109234_x1.....uccgguAugguauaacggcuagca..... 1
 Gi2_11011644_x1.....uccggugugUuauaacggcua..... 1
 Gi3_28397236_x1.....uccggugugguauaacgCcuagcau..... 1
 Gl1a_6208536_x1.....gguucgauNcccggcaucgg..... 1
 Gi1_4292692_x1.....gguCcgauucccggaucgg..... 1
 Gi2_11305668_x1.....uccgguUugguauaacggc..... 1
 Gi2_11118112_x1.....uAcggugugguauaacggcuagca..... 1
 Gi5_8881333_x1.....uccUgugugguauaacggcua..... 1
 Gi2_11326678_x1.....ccggugugguauaacggUuagc..... 1
 Gi5_9109518_x1.....ugguuuucacccagCagauccgg..... 1
 Gi1_4213335_x1.....gguuuucacAcaguagauc..... 1
 Gl1a_6027597_x1.....gguucgauucccgGauc..... 1
 Gi2_11317867_x1.....uuuucacccaguagUuccg..... 1
 Gi2_11007402_x1.....gCuucgauucccggaucgga..... 1
 Gi2_11053755_x1.....Auuucacccaguagauc..... 1
 Gi1_4296220_x1.....ggugugguauaacggcuaUc..... 1
 Gl1a_6008783_x1.....guucgaCucccggaucgg..... 1
 Gi3_28321774_x1.....gguccggCgugguauaacggcua..... 1
 Gi1_4383242_x1.....guucgauucccggaucggagcGc..... 1
 Gi4_586216_x1.....guucgaCucccggaucgg..... 1
 Gi2_11105022_x1.....gguuuucacUcaguagaucggguuc..... 1
 Gi5_8861140_x1.....uccggguucgauucccCgc..... 1
 Gi4_581278_x1.....uccggugugguauaacggcuagAau..... 1
 Gi3_28923331_x1.....uccgCugugguauaacggcuag..... 1
 Gi3_28316080_x1.....guucgauCcccggcaucggag..... 1
 Gi3_28330736_x1.....gguuuucGccaguagau..... 1
 Gi2_11040513_x1.....ccgggCgguauaacggcua..... 1
 Gi5_9053676_x1.....Aauccggguucgauucccgga..... 1
 Gi3_28534528_x1.....Auagaucggguucgauu..... 1
 Gi1_4259833_x1.....ggugugguauaacggcuagA..... 1
 Gi2_11128985_x1.....gguccggugugguauaacggc..... 0
 Gi1_4186097_x1.....agaucggguucgaCuccc..... 1
 Gi3_28642259_x1.....ccaguagaucggguucgauuccc..... 0
 Gi1_4382899_x1.....guucgauucccggcUucgg..... 1
 Gi3_28560615_x1.....ccggGgugguauaacggcua..... 1
 Gi2_11180653_x1.....gguuuuUaccaguagauc..... 1
 Gi3_28663099_x1.....Nccggugugguauaacggcuagca..... 1
 Gi2_11097063_x1.....uccggugugguauaacggcuagcaugacA..... 1
 Gl1a_6041897_x1.....uuCucacccaguagaucgg..... 1
 Gi2_11306289_x1.....ccggugugguauaacgCcuagc..... 1
 Gi1_4361867_x1.....uccggguNgauucccgga..... 1
 Gi1_4340587_x1.....ucNggugugguauaacggcuag..... 1
 Gi5_8959347_x1.....gguucUauucccggaucgga..... 1
 Gi3_28893113_x1.....uuuucacccaguagUuccgg..... 1
 Gi1_4332359_x1.....guucgGuucccggaucg..... 1
 Gi5_9087880_x1.....uuuucacccaguagaucgg..... 1
 Gi1_4320001_x1.....uccgAugugguauaacggcuagcau..... 1

Gi2_11047409_x1.....gguucgauGccggcauc..... 1
Gi2_11229424_x1.....guucgCuuccggcaucgg..... 1
Gi1_4253724_x1.....ccUgugugguauaacggcuagc..... 1
Gi2_11214837_x1.....uccggugugguauaacUgcuagc..... 1
Gi1_4233921_x1.....uccggGgugguauaacggcuagca..... 1
Gi1_4242852_x1.....Agguuuucacccaguagaucgg..... 1
Gi1_4225909_x1.....ucGggugugguauaacggc..... 1
Gi3_28765582_x1.....ggNuuucacccaguagaucgg..... 1
Gi3_28809723_x1.....gugugguauaacggcAagca..... 1
Gi2_11250133_x1.....ccggugCggauaacggcuag..... 1
Gi5_9043785_x1.....ugguuuucacccaguagCucc..... 1
Gi2_11071323_x1.....guucgauucccgUcaucgg..... 1
Gi5_9005733_x1.....Aggugugguauaacggcu..... 1
Gi3_28470487_x1.....gguNuuucacccaguagauc..... 1
G1a_6254387_x1.....gGucgauucccggaucgga..... 1
Gi2_11288484_x1.....uccggugugguauaaAggc..... 1
Gi5_8950441_x1.....gAuuucacccaguagaucgg..... 1
Gi3_28835363_x1.....ugguuuucacccagAgaucgg..... 1
Gi3_28713958_x1.....uccAgugugguauaacggcuagcaugacu..... 1
Gi5_8970593_x1.....gguucgCuuccggcaucg..... 1
Gi5_8892905_x1.....agaucggguucgaCucc..... 1
Gi5_9069626_x1.....gguucgauuccggcaGcgga..... 1
Gi5_9044367_x1.....uuucacccaguagaucUg..... 1
Gi1_4364045_x1.....gguucgauuccAggcaucgg..... 1
Gi2_11379928_x1.....gguuuucaccUaguagauc..... 1
Gi5_8970750_x1.....gguucgauuccAggcaucg..... 1
Gi3_28366871_x1.....gguucgauuccggAaucggagc..... 1
Gi3_28754390_x1.....uuCacccaguagaucgg..... 1
Gi5_9065137_x1.....gCuccggugugguauaacgg..... 1
Gi5_9020530_x1.....gguucgauuccggcaucAga..... 1
Gi2_11125776_x1.....gguuuucacccGguagauc..... 1
G1a_6102916_x1.....gguuuucacccaguaUaucgg..... 1
Gi1_4371148_x1.....cccaguagaucggguucgCuucc..... 1
Gi1_4282446_x1.....uccggugugguauaacCgcuag..... 1
Gi5_9115756_x1.....Cgugugguauaacggcuagcau..... 1
G1a_6152548_x1.....guuuucacccaguaAaucgg..... 1
Gi5_8966619_x1.....uccggugugguauaacggcuagUauga..... 1
Gi1_4308641_x1.....ugguuuucacccaguagaCccg..... 1
Gi3_28403114_x1.....ccggugugguUuaacggcu..... 1
Gi3_28914915_x1.....cgguucgauuccggcaCcgga..... 1
G1a_6179284_x1.....ugguCuucacccaguagaucgg..... 1
Gi1_4306091_x1.....ccggugGgguauaacggcu..... 1
Gi2_11084389_x1.....gguccgguAugguauaacggcuagcau..... 1
Gi1_4304675_x1.....uuucacccaguagauccA..... 1
Gi3_28887583_x1.....gugugguauaacggcuAc..... 1
Gi3_28672321_x1.....gguucgauuccggcaucAgagc..... 1
G1a_6084214_x1.....gguucgauuccggcGucggag..... 1

Gi5_9017324_x1.....caccaAuagauccggguucga..... 1
Gi1_4232503_x1.....cugguuucacccaguagauAcgg..... 1
Gi5_8944348_x1.....guucgauucUcggcaucggagc..... 1
Gi2_11143457_x1.....gguccgguguggCauaacggcuagc..... 1
Gi1_4349490_x1.....guuuucUcccaguagauccgg..... 1
Gi3_28411040_x1.....uuAcacccaguagauccg..... 1
Gi5_8836864_x1.....ugguuucacccaguagauUcg..... 1
Gi2_11340621_x1.....uccUgugugguauaacggcuagcau..... 1
Gi1_4205480_x1.....gguuuucacccaguCgauccgg..... 1
Gi3_28702734_x1.....uucgauuccggcaucggagcCc..... 1
Gi5_8918700_x1.....uccggugugguaGaacggcua..... 1
G1a_6187311_x1.....cugguuucGcccaguagaucc..... 1
Gi2_11386236_x1.....agaNccggguucgauucc..... 1
Gi2_11282212_x1.....ccggCgugguauaacggcuagcau..... 1
Gi1_4259818_x1.....ccggugugNuuaaacggcuag..... 1
Gi5_8917933_x1.....ucUggugugguauaacggcu..... 1
Gi5_8970907_x1.....uccggugugguauUacggcuag..... 1
Gi2_11279498_x1.....uccgguguggGauaacggcuagca..... 1
Gi5_9002537_x1.....guucgauGcccggcaucgg..... 1
G1a_6188979_x1.....uccggugugguauaacggUuagcau..... 1
Gi3_28492257_x1.....aucggguucgauUccggcaucggag..... 1
Gi3_28335875_x1.....Agguucgauuccggcaucg..... 1
Gi2_11050997_x1.....uccNgugugguauaacggcuagcau..... 1
Gi1_4318421_x1.....guucgauuccAgcaucgga..... 1
Gi1_4273816_x1.....guagaucggguCcgauucc..... 1
Gi3_28734683_x1.....cgauuccggcCucggagc..... 1
Gi3_28651297_x1.....ccggugugguauaacggU..... 1
Gi4_572220_x1.....uccgguguNguuaaacggcuagca..... 1
Gi4_613195_x1.....gguuuucacccaguagauccA..... 1
Gi3_28820781_x1.....cUggugugguauaacggcuagc..... 1
Gi3_28965677_x1.....uuuucacccaguagauccAg..... 1
Gi5_8936530_x1.....uAcggugugguauaacggcuagca..... 1
Gi5_9118019_x1.....uccggguucgauucccgA..... 1
Gi4_611435_x1.....gguuuuUaccaguagauccg..... 1
Gi5_8976323_x1.....uuuucacccaguagUuccgg..... 1
Gi5_9001559_x1.....uuuucUccaguagauccgg..... 1
Gi2_11365271_x1.....ugguAuucacccaguagauccgggu..... 1
Gi5_9103469_x1.....aCaucggguucgauuccc..... 1
Gi5_8872168_x1.....cggugugguGuaaacggcuagca..... 1
Gi5_8961583_x1.....ugUuuuucacccaguagauc..... 1
Gi1_4207214_x1.....uccgUguucgauucccgga..... 1
Gi5_9133811_x1.....gguuuucacccaguaAauc..... 1
Gi2_11366141_x1.....uccggugugguauaacggcAag..... 1
Gi3_28709106_x1.....uccggugCgguaaacggcuagcaugacu..... 1
Gi3_28731850_x1.....cggguucgNuuccggcaucgga..... 1
Gi1_4209417_x1.....uccggugugguauaacgUC..... 1
Gi3_28869921_x1.....gugugguGuaaacggcuagc..... 1

Gi5_8883045_x1.....cgAguucgauucccggauc..... 1
 Gi1_4323995_x1.....cgguucgauucccggaucggaU..... 1
 Gi5_9013469_x1.....uuuucacccaguagaucUg..... 1
 Gi2_11065923_x1.....uccggugGgguauaacgg..... 1
 Gi1_4252280_x1.....ccgNugugguauaacggcuagca..... 1
 Gi5_9052532_x1.....ugguuuucacccaguagaucgC..... 1
 Gi2_11197161_x1.....ggCucgauucccggaucgg..... 1
 Gi5_8895519_x1.....gguucgGuucccggaucgg..... 1
 Gi5_9102431_x1.....guucgauuccGggcaucgg..... 1
 Gi2_11288028_x1.....gguucgauucccggaucgUagc..... 1
 Gi1_4249809_x1.....ccgCugugguauaacggcuagca..... 1
 Gi1_4310796_x1.....cggCgugguauaacggcu..... 1
 Gi3_28488509_x1.....gguucgauuccUgcaucg..... 1
 Gi1_4241101_x1.....ucAggugugguauaacggcuagcau..... 1
 Gi2_11002607_x1.....gguucgauucccggaucUggagc..... 1
 Gi2_11086336_x1.....uAcggugugguauaacggc..... 1
 Gi2_11267915_x1.....gguucgauCcccggcaucgg..... 1
 Gi1_4304893_x1.....ggAgugguauaacggcuagc..... 1
 Gi3_28321589_x1.....gguucgauucccggaucggagcCc..... 1
 Gi2_11192861_x1.....uccggugugguauaacggcuUcau..... 1
 Gi1a_6312913_x1.....uccNgugugguauaacggcuagc..... 1
 Gi1_4203827_x1.....gCuuuucacccaguagaucgg..... 1
 Gi2_11097889_x1.....gguuuucacccaguagaCc..... 1
 Gi2_11200283_x1.....Gccggugugguauaacggcuagcauga..... 1
 Gi5_8925513_x1.....ccggugugguCuaacggcu..... 1
 Gi5_8978723_x1.....uccggugugguauaacggcuUca..... 1
 Gi3_28657041_x1.....cUggugugguauaacggcu..... 1
 Gi5_8891947_x1.....guucgauucccggaucUga..... 1
 Gi3_28792180_x1.....gguuuucacccaguaCaucgg..... 1
 Gi2_11056700_x1.....guuuucacccaguagaGccg..... 1
 Gi1_4323415_x1.....ggAuuucacccaguagauc..... 1
 Gi1_4348384_x1.....ugguuuucacccaguGgaucgg..... 1
 Gi5_9042672_x1.....ugguuuucacAcaguagauc..... 1
 Gi5_8959209_x1.....cggugugguauaacggcu..... 1
 Gi5_8833339_x1.....gguucgauAccggcaucggagc..... 1
 Gi3_28640626_x1.....ccggugugguauaacggcCagca..... 1
 Gi5_8992544_x1.....uuucacccGguagaucgg..... 1
 Gi1a_6076513_x1.....gguNuucacccaguagaucgg..... 1
 Gi1_4204822_x1.....gguucgauucccggaucgA..... 1
 Gi3_28670767_x1.....ugUuuuucacccaguagaucgg..... 1
 Gi3_28778991_x1.....gguuuucCcccaguagauc..... 1
 Gi3_28858473_x1.....Cuccggugugguauaacggcuagc..... 1
 Gi1_4184687_x1.....uccggAgugguauaacggcu..... 1
 Gi3_28457799_x1.....aUaucggguucgauucccggaucggagc..... 1
 Gi2_11097503_x1.....gguucgauUccggcaucgga..... 1
 Gi5_9000872_x1.....guucgCuucccggaucgga..... 1
 Gi5_9056544_x1.....gCuccggugugguauaacggcuagc..... 1

Gi3_28635218_x1.....guagauccggguucgauuAcc..... 1
Gi3_28875158_x1.....gguuuuAaccaguagauccgg..... 1
Gi1_4181179_x1.....guuuucacccUguagauccgg..... 1
Gi5_9102109_x1.....uccggugugguauaCcg..... 1
Gi3_28505627_x1.....cgguuucacccaguagauccggcaucgga..... 1
Gi2_11284834_x1.....gguuuucaccAaguagaucc..... 1
Gi3_28432140_x1.....cugguuuucacUcaguagaucc..... 1
Gi1_4221236_x1.....guuuucacccaguagauccggguucgU..... 1
Gi5_9078929_x1.....ggugugguauGacggcuagcau..... 1
Gi2_11291285_x1.....guucCauucccggaucg..... 1
G1a_6166108_x1.....uccggugugguauaaccggG..... 1
Gi5_9095131_x1.....gguucAauucccggauc..... 1
Gi1_4365862_x1.....caguagauccggguucgGuu..... 1
Gi5_9090750_x1.....gAuucgauucccggaucgga..... 1
Gi2_11156313_x1.....uuCucacccaguagaucc..... 1
Gi3_28508229_x1.....ggCuucacccaguagau..... 1
Gi1_4296972_x1.....ggugugguauaaccggcuaC..... 1
Gi3_28624117_x1.....Cugugguauaaccggcuagca..... 1
Gi1_4182366_x1.....gguuuCcaccaguagauccgg..... 1
Gi3_28574258_x1.....ugGgguauaaccggcuagc..... 1
Gi3_28557615_x1.....gguucgauuccUggcaucggag..... 1
Gi3_28329694_x1.....cgauuccNgcaucggag..... 1
Gi3_28889104_x1.....gguuuucacccaguaAauccgg..... 1
Gi1_4269554_x1.....caguagauccggguCcgauu..... 1
Gi3_28306233_x1.....uccgguguggAauaaccggcuagcau..... 1
Gi3_28673314_x1.....uuuucacccaguagaAccg..... 1
G1a_6264014_x1.....gguuuucacccaguagaCccg..... 1
Gi2_11125373_x1.....cccaguagauccggguucgGuucc..... 1
Gi2_11227504_x1.....guucgauuccUgcaucgg..... 1
Gi1_4290509_x1.....ugAuuuucacccaguagauccg..... 1
Gi5_8865468_x1.....uccggugugguauaaccggGua..... 1
Gi5_9090645_x1.....uccggugugguauaaccggGua..... 1
Gi4_597044_x1.....ucUggugugguauaaccggcuagca..... 1
G1a_6112988_x1.....uccUgugugguauaaccggcuagc..... 1
Gi1_4331832_x1.....uccgCugugguauaaccggcuagcau..... 1
Gi2_11277631_x1.....gggGucgauucccggaucggagc..... 1
Gi2_11382857_x1.....gguccggugugguauaaccggcCagcauga..... 1
Gi3_28579668_x1.....uccggugugguauaaccggGua..... 1
Gi5_9062377_x1.....gguucgauucccggcCucggag..... 1
Gi5_9116487_x1.....cggAgugguauaaccggcua..... 1
Gi5_9024646_x1.....guucgauucccggaAcg..... 1
Gi3_28788591_x1.....aguagauccNgguucgauucc..... 1
G1a_6068603_x1.....guuuAcacccaguagauccg..... 1
Gi5_8926953_x1.....uuuucaccUaguagauccg..... 1
Gi5_8986958_x1.....uccggugugguauaaccggcGag..... 1
Gi5_8878815_x1.....gguucgauucccgguUaucgg..... 1
Gi2_11144131_x1.....uuuucacccaguagauccgU..... 1

Gi3_28913237_x1.....Gucgauucccggaucgga..... 1
Gi5_8962275_x1.....guucgauucccggaucggaCc..... 1
Gi1_4248327_x1.....uccgguguAguauaacggcu..... 1
Gi2_11297768_x1.....ggugugguauaacggcuagA..... 1
Gi2_11390795_x1.....ggugugguauaacggcuagG..... 1
Gi1_4199478_x1.....gguguggCauaacggcuagcau..... 1
Gi5_8958436_x1.....gguccGugugguauaacggc..... 1
G1a_6161644_x1.....gguucgauNcccggcaucg..... 1
Gi3_28330977_x1.....ccggugugguCaacggcuagc..... 1
Gi3_28417832_x1.....gguucgauucccggaucU..... 1
Gi2_11404288_x1.....guuuuGaccaguagauccg..... 1
Gi3_28579548_x1.....auccggguuAgauuccggca..... 1
Gi3_28625673_x1.....ccggugugguauCacggcua..... 1
Gi3_28904086_x1.....gguccgguguggCauaacggcuagca..... 1
Gi2_11326879_x1.....gguucgauuccUggcaucgga..... 1
Gi5_8947011_x1.....uuGcaccaguagauccg..... 1
Gi2_11205202_x1.....gguCcgauucccggaucgga..... 1
Gi1_4270914_x1.....uccgguguUguauaacggcuagca..... 1
G1a_6316242_x1.....guuuuAaccaguagauccg..... 1
Gi5_8861760_x1.....ugugguauaacgUcuagc..... 1
Gi3_28622760_x1.....gguccggugugguauaacggcuGgc..... 1
Gi5_9055525_x1.....gAucgauucccggaucgga..... 1
G1a_6309233_x1.....uuuucaccaguagaCccg..... 1
G1a_6028217_x1.....uccAgugugguauaacggcuagca..... 1
Gi3_28808908_x1.....ugguuuucaccaguagauA..... 1
Gi5_9048537_x1.....gguucgauucccggaucggGgcucu..... 1
Gi3_28932128_x1.....gguucgauuccUgcauc..... 1
G1a_6072064_x1.....uccggugugguauaacggU..... 1
Gi5_9112730_x1.....guuuucaccaguagauccG..... 1
Gi2_11154365_x1.....ucGggugugguauaacgg..... 1
Gi5_8899033_x1.....uccggguuNgauuccggc..... 1
Gi2_11066750_x1.....uuucaccaguagauccA..... 1
Gi5_9132273_x1.....uuucaccUaguagauccg..... 1
Gi3_28554166_x1.....aGccggguucgauucccggaucgga..... 1
Gi5_8891845_x1.....uccggugugguauUcggcua..... 1
Gi1_4247480_x1.....uccggugugguauaaAggcuagcau..... 1
Gi5_9024849_x1.....ggugugguGuaacggcuagca..... 1
Gi1_4314928_x1.....ggugugguauaacggcuaAcau..... 1
Gi5_8972587_x1.....ccgguaugguauaacggcua..... 1
Gi1_4222883_x1.....uuuucaccaguaCauccgg..... 1
Gi3_28405687_x1.....ccUgguucgauucccggaucgga..... 1
Gi5_9078118_x1.....cggugugguauCacggcua..... 1
Gi3_28495607_x1.....uccggugugguauaacggcuagcaugCcu..... 1
Gi3_28538696_x1.....gauccggguucgauAccc..... 1
Gi3_28676970_x1.....guucgauucccCgcaucg..... 1
Gi2_11135736_x1.....uuucaccUguagauccg..... 1
Gi3_28846097_x1.....Augguuuucaccaguagauccg..... 1

Gi1_4378606_x1.....guagaucCGuucgauucc..... 1
 Gi3_28377109_x1.....uccggugugguauUacggcuag..... 1
 G1a_6079848_x1.....uguuuuuaccAaguagaucgg..... 1
 Gi3_28917943_x1.....ccggugugguauaacCGcuag..... 1
 Gi3_28403025_x1.....guuAucaccaguagaucgg..... 1
 Gi4_585557_x1.....guucgauuccGggcaucg..... 1
 Gi2_11245333_x1.....uguuuuucaUccaguagaucgggu..... 1
 Gi2_11231398_x1.....guucgauuccUgcaucggag..... 1
 Gi2_11107684_x1.....Uggugugguauaacggcua..... 1
 Gi2_11139686_x1.....uccggugugguauUcgg..... 1
 Gi2_11377068_x1.....ccggugugguauaacggcu..... 0
 Gi5_8905276_x1.....ugugguauaacggcAagc..... 1
 Gi5_9033798_x1.....Nguuuuacccaguagaucgg..... 1
 Gi3_28958820_x1.....gguuuuGaccaguagaucgg..... 1
 Gi5_9044712_x1.....gCucgauucccggaucgga..... 1
 G1a_6345852_x1.....cuguuuuuacccCguagauc..... 1
 Gi2_11323708_x1.....ccgguguggAauaacggcua..... 1
 Gi3_28765656_x1.....ccggugugguauaacgAcua..... 1
 Gi3_28540844_x1.....guuuuacccaguagaucGg..... 1
 Gi5_9013166_x1.....Cgauccggguucgauucc..... 1
 G1a_5997481_x1.....uccggugugAuuaaacggc..... 1
 Gi2_11248863_x1.....Auucgauucccggaucg..... 1
 Gi2_11283141_x1.....gugguaCaacggcuagcau..... 1
 Gi5_9028543_x1.....uccggugugguauaacggcCagcaugacu..... 1
 Gi5_9084857_x1.....uGcggguucgauuccggc..... 1
 Gi2_11040751_x1.....uucgauucccggaucgA..... 1
 Gi3_28940201_x1.....ccggCgugguauaacggcuagca..... 1
 Gi1_4288361_x1.....ggugugguauUacggcuag..... 1
 Gi2_11393017_x1.....gguuuuGcccaguagaucgg..... 1
 Gi2_11193457_x1.....ccUgugugguauaacggcuag..... 1
 Gi1_4207065_x1.....guucgauucccggaucAgg..... 1
 Gi3_28827616_x1.....agaucggguAcgauucc..... 1
 Gi3_28329186_x1.....uccgguUugguauaacggcuagcau..... 1
 Gi5_8974488_x1.....uccggugugguauUacggcuagca..... 1
 Gi4_568970_x1.....gguCuucaccaguagaucgg..... 1
 Gi3_28581664_x1.....ccggugCgguauaacggcuag..... 1
 Gi2_11293449_x1.....ccggugugguauCacggcua..... 1
 Gi3_28524870_x1.....cccggcaCggagcucuuu..... 1
 Gi3_28875755_x1.....cuggGuuuacccaguagauc..... 1
 Gi1_4246155_x1.....uccggugugAuuaaacggcu..... 1
 Gi5_9013144_x1.....uccggugugguauaaUggcuagcaugac..... 1
 G1a_6169183_x1.....ugAuuuacccaguagaucgg..... 1
 Gi5_8992781_x1.....gguuuuacccaguagaAccgg..... 1
 Gi5_9091933_x1.....gguucgauucccggaucggaCc..... 1
 Gi3_28788250_x1.....uAguuuuacccaguagaucgg..... 1
 Gi5_8856062_x1.....uuuacccUguagaucgg..... 1
 Gi3_28348599_x1.....cccaguagaucgggAucgauucc..... 1

Gi1_4168773_x1.....cggugugguauCacggcuagca..... 1
Gi5_8918874_x1.....uccggugugguauaacggcCagcauga..... 1
Gi5_8852317_x1.....gauccggguucgauucccggcCuc..... 1
Gi3_28845642_x1.....agaucAgggguucgauucc..... 1
Gi5_9131896_x1.....ccggugugguauaacggAuag..... 1
Gi1_4287156_x1.....ccggugugguauUcggcuagc..... 1
Gi1_4245238_x1.....uccggugCgguaaacggcu..... 1
Gi3_28339002_x1.....ccgguguAguauaacggcu..... 1
Gi5_9043530_x1.....cggugugguUuaacggcuagc..... 1
Gi2_11180977_x1.....gguucgauuccUgcaucgg..... 1
Gi3_28637452_x1.....ccggAgugguauaacggcuag..... 1
Gi5_9131312_x1.....ucNggugugguauaacgg..... 1
Gi2_11313423_x1.....ucUggguucgauucccggaucgga..... 1
Gi5_9126430_x1.....uuuucacccaguagauGcgg..... 1
Gi2_11349600_x1.....ucgauucccggaucggGgc..... 1
Gi3_28722216_x1.....Ugauucccggaucggag..... 1
Gi5_8839673_x1.....gguucgauucccgAcaucggagc..... 1
Gi5_9040411_x1.....uuuucacccaCuagauccgg..... 1
Gi5_9091799_x1.....gguucgauucccggaucg..... 1
Gi3_28694824_x1.....gguucgauucccggaucg..... 1
Gi1_4356508_x1.....ucAggugugguauaacgg..... 1
Gi5_9108647_x1.....uccNgugugguauaacggcuagcau..... 1
Gi2_11037760_x1.....guuuucacccaguagauUc..... 1
G1a_6119942_x1.....uccgggCucgauucccgga..... 1
Gi1_4282464_x1.....uccCgugugguauaacggcuagca..... 1
Gi5_8885269_x1.....uccggugGgguauaacggcuagca..... 1
Gi2_11139483_x1.....uccUgugugguauaacgg..... 1
Gi3_28660068_x1.....ugugguauaacgAcuagc..... 1
Gi5_8917339_x1.....gguucgauucccggauc..... 1
Gi2_11006787_x1.....guuuucaUccaguagauccgg..... 1
Gi2_11044647_x1.....guucgauucccggaucggCg..... 1
Gi5_8865136_x1.....ggAgugguauaacggcuagc..... 1
Gi4_592923_x1.....uccgguguNguauaacggcuagc..... 1
Gi2_11317402_x1.....cUggugugguauaacggcuagcau..... 1
Gi2_11025112_x1.....guAcgauucccggaucg..... 1
G1a_6229834_x1.....uccggugugguGuaacgg..... 1
G1a_6246977_x1.....uccggugugguauaacggcuagcG..... 1
Gi2_10997558_x1.....uccggugugguauaacggcuaC..... 1
Gi3_28963324_x1.....gguuuucaNccaguagau..... 1
Gi3_28578085_x1.....cCgguuuucacccaguagau..... 1
Gi2_11276529_x1.....guucgauucccgCcaucggag..... 1
Gi3_28561267_x1.....gguucAauucccggauc..... 1
Gi2_11018358_x1.....uccggugugguauaacgAcuagcaugacug..... 1
Gi1_4308442_x1.....uccgguguNguauaacggcu..... 1
G1a_6011296_x1.....gguucAauucccggaucggga..... 1
Gi3_28981979_x1.....Uguccggugugguauaacggcuagcauga..... 1
Gi2_11131620_x1.....ccaguagauccggguCcgauucc..... 1

Gi3_28963298_x1.....cgauucccggcGucggagc..... 1
Gi5_9053482_x1.....guuuucacccaguagauAcg..... 1
Gi5_9033047_x1.....uuuuGacccaguagauccgg..... 1
Gi3_28568600_x1.....guuuucacccaguagauAc..... 1
Gi3_28759870_x1.....agauccggguucgauuccU..... 1
Gi2_11268301_x1.....gCuccggugugguauaacggcuagcau..... 1
Gi2_11402619_x1.....guuuucGcccaguagaucc..... 1
Gi5_8836542_x1.....gGucgauucccggaucggagcucuu..... 1
Gi5_9134008_x1.....uAguuuucacccaguagauac..... 1
Gi5_8993026_x1.....guuuucacccaguagauUc..... 1
Gi3_28824280_x1.....gguuUgauucccggaucggag..... 1
G1a_6036913_x1.....uCGuuuucacccaguagauccg..... 1
Gi3_28499201_x1.....ccggugugguauaacggcuG..... 1
Gi2_11202282_x1.....ggguucgaNuuccggcaucggagc..... 1
Gi2_11202205_x1.....gguuuucaUccaguagauccg..... 1
Gi3_28424215_x1.....ucgNuucccggaucggga..... 1
Gi3_28604754_x1.....ccgggAucgauucccggaucggga..... 1
Gi3_28561401_x1.....cugguuuucacccaguagCuccg..... 1
G1l_4386599_x1.....gguucgauucAcggcaucggga..... 1
Gi3_28794031_x1.....uccggugGgguauaacggcu..... 1
Gi5_8899476_x1.....gguucgauucccggcGucg..... 1
Gi2_11330651_x1.....uccggguucgauucccggcGucgga..... 1
Gi5_9124346_x1.....gaucUggguucgauucccggauc..... 1
Gi3_28553670_x1.....guAcgauucccggaucg..... 1
G1l_4373428_x1.....ggugugguauaacggcCagc..... 1
Gi5_8942092_x1.....gguucgaCucccggaucg..... 1
Gi5_9083847_x1.....gguucgauucccgAcaucgg..... 1
G1l_4239222_x1.....uccggugugguauCacggc..... 1
Gi5_9067234_x1.....auccggguucAauucccgga..... 1
G1l_4369001_x1.....guagauccggguucgauuAcc..... 1
Gi3_28421321_x1.....uccggugugguauCacggcuagcaugacu..... 1
Gi3_28413342_x1.....guuuAcacccaguagauccg..... 1
Gi3_28346457_x1.....gugGgguauaacggcuagc..... 1
Gi5_9129708_x1.....cgUugugguauaacggcuag..... 1
Gi5_8878649_x1.....uccgguguggGauaacggcu..... 1
Gi3_28483930_x1.....cccggUaucggagcucuuu..... 1
G1l_4327957_x1.....uAcggugugguauaacggcuag..... 1
Gi5_8964536_x1.....ugguuuucacccaguCgauccg..... 1
Gi3_28261074_x1.....ccggGgugguauaacggcu..... 1
Gi5_9124332_x1.....Gcggugugguauaacggcuagcau..... 1
Gi5_8911119_x1.....uccggugugguauaacggcuGgcaugacug..... 1
G1a_6345994_x1.....ucGggugugguauaacgg..... 1
Gi5_9090132_x1.....gguucgauGcccggcaucgg..... 1
Gi2_11288927_x1.....uccgguguCguauaacggcu..... 1
Gi5_9131202_x1.....uuucacUcaguagauccg..... 1
G1a_6343397_x1.....gguAuucacccaguagauccg..... 1
Gi3_28566362_x1.....guuuucCcccaguagauccg..... 1

G1a_6094863_x1.....gguuGucacccaguagaucgg..... 1
 Gi3_28695999_x1.....ucgauucccAgcaucgga..... 1
 G1a_6331094_x1.....uccggugCgguauaacgg..... 1
 Gi1_4240873_x1.....uccggugAgguauaacggcuagcauga..... 1
 G1a_6282241_x1.....gguuuucacccaguagCuc..... 1
 Gi1_4290428_x1.....guucgauucccggaucCg..... 1
 Gi1_4381272_x1.....ccggugugguauGacggcuagc..... 1
 Gi3_28973912_x1.....cgguguggNauaacggcuagcau..... 1
 Gi2_11248871_x1.....gguucgauucccAgcaucgg..... 1
 Gi1_4299884_x1.....uccggugugguauaaGggc..... 1
 Gi5_8867121_x1.....guuuucacNcaguagauc..... 1
 Gi2_11362499_x1.....uccgguguUguauaacggc..... 1
 Gi2_11088923_x1.....uccgggCucgauucccggaucgga..... 1
 Gi1_4268201_x1.....gguuuucacccaguagaucggA..... 1
 Gi5_8870402_x1.....ggugugguauCacggcuagcau..... 1
 Gi3_28851285_x1.....gugugguauaacggcuAca..... 1
 Gi5_8988110_x1.....ugguuCucacccaguagauc..... 1
 Gi4_589863_x1.....uuuucacccaguagaucgg..... 0
 Gi5_8898937_x1.....guuNgauucccggaucggagc..... 1
 Gi3_28390176_x1.....guucgauucccggaucggG..... 1
 Gi1_4297122_x1.....ccgguAugguauaacggcua..... 1
 Gi5_8885570_x1.....cgauucccggaucggagcuA..... 1
 Gi2_11218254_x1.....ccggugugguauaacggcuagU..... 1
 Gi5_9053435_x1.....uccggugugguauaacggcGagca..... 1
 Gi3_28529635_x1.....gguccggugugguauaCcggcua..... 1
 Gi2_11202060_x1.....uuuucacccaguaAauccg..... 1
 Gi5_9024722_x1.....Auucgauucccggaucgga..... 1
 Gi3_28926675_x1.....ccggugugguauaacggcCa..... 1
 Gi1_4314875_x1.....uuuucacccaguUgaucgg..... 1
 Gi3_28369295_x1.....uuuucacGcaguagaucgg..... 1
 Gi3_28613100_x1.....ugguuuucacccaguUgaucgg..... 1
 Gi1_4160108_x1.....cggugugguCaacggcuagca..... 1
 Gi3_28558539_x1.....gguucgauucccggaucAg..... 1
 Gi4_591661_x1.....gGucgauucccggaucgg..... 1
 Gi2_11120441_x1.....gguucgauucccggaucAgga..... 1
 Gi5_9121695_x1.....ccggugugguGuaacggcuag..... 1
 Gi1_4349061_x1.....gCagaucggguucgauucc..... 1
 Gi1_4249775_x1.....cugguuuucacccaguGgaucgg..... 1
 Gi3_28748754_x1.....gguucgauuccGggcaucgg..... 1
 Gi3_28735700_x1.....gguucgauCcccggaucg..... 1
 Gi2_11065283_x1.....guucgauucccggaucUgag..... 1
 Gi1_4315101_x1.....uccCgugugguauaacggcua..... 1
 Gi1_4348714_x1.....ccggugugguCuaacggcuagca..... 1
 Gi2_11396227_x1.....uuuucacccaguagCucc..... 1
 Gi5_8844144_x1.....ucNggugugguauaacggcuag..... 1
 Gi3_28824983_x1.....Uguuuucacccaguagaucggguucgau..... 1
 Gi2_11165190_x1.....uucacccGguagaucgg..... 1

Gi5_8832693_x1.....uccgguguggAuaaacggc..... 1
 Gi1_4356364_x1.....uccggugugguuaaacggcuaUcau..... 1
 Gi3_28773930_x1.....uuucacccGguagauccgg..... 1
 Gi2_11299356_x1.....agauccgAguucgauucc..... 1
 Gi1_4204671_x1.....uuucaccUaguagauccgg..... 1
 Gl1a_6014940_x1.....gugguuaaacggcuagUa..... 1
 Gi3_28603179_x1.....guuuucacccaguagaGccg..... 1
 Gi5_9125683_x1.....uguuuuucaGccaguagaucc..... 1
 Gi1_4300611_x1.....uccCgugugguuaaacggcuagcau..... 1
 Gi3_28279992_x1.....gAuuucacccaguagaucc..... 1
 Gi3_28725808_x1.....gguNcgauucccggaucg..... 1
 Gi5_9051881_x1.....uguuuuucacccaguagaCccgg..... 1
 Gi5_8877291_x1.....gguuuucacccagGagaucc..... 1
 Gi5_8924553_x1.....uccgguguggAuaaacggcuagcau..... 1
 Gi4_600740_x1.....uccgguguNguuaaacggc..... 1
 Gi2_11269026_x1.....uCuucacccaguagauccgg..... 1
 Gi2_11342882_x1.....guucgauucccggaucAgagc..... 1
 Gi1_4179032_x1.....gAuucgauucccggaucg..... 1
 Gi2_11179709_x1.....uccggugAgguuaaacggc..... 1
 Gi2_11367087_x1.....gguucgauucccggaucG..... 1
 Gi5_8904813_x1.....cgggGucgauucccggauc..... 1
 Gi1_4173100_x1.....guucgauucccggaucgC..... 1
 Gi2_11202608_x1.....ggguCcgauucccggaucggagc..... 1
 Gl1a_6038324_x1.....uUcggugugguuaaacggcuag..... 1
 Gi3_28868570_x1.....guuuucacccaguaUauccg..... 1
 Gi5_8913735_x1.....Aguccggugugguuaaacggc..... 1
 Gi2_11020685_x1.....Acggguucgauucccggaucgga..... 1
 Gi2_11059106_x1.....gguccgguNugguuaaacggcuagc..... 1
 Gi5_8980877_x1.....ggCucgauucccggaucg..... 1
 Gi1_4208029_x1.....uccggugugUuaaacggcu..... 1
 Gi1_4342811_x1.....uuuucacccaguagauUcgg..... 1
 Gl1a_6300881_x1.....gugguuaaGcggcuagca..... 1
 Gi2_11366790_x1.....gguuuucacccaguagauGcg..... 1
 Gl1a_6077160_x1.....guucgauucccAgcaucgg..... 1
 Gi2_11068788_x1.....Ugugugguuaaacggcuagcaugacu..... 1
 Gi1_4307373_x1.....uNcggugugguuaaacggcuagc..... 1
 Gi3_28522641_x1.....uccggugugguuaaacUgcuag..... 1
 Gi2_11237616_x1.....Cguucgauucccggaucg..... 1
 Gl1a_6149420_x1.....uccUgugugguuaaacgg..... 1
 Gi1_4310967_x1.....gguuuucacccCguagaucc..... 1
 Gi3_28495401_x1.....gguucgauucccUgcaucggagc..... 1
 Gi2_11281119_x1.....auccUgguucgauucccgga..... 1
 Gi2_11263775_x1.....gguuuGcaccaguagauccg..... 1
 Gi1_4215260_x1.....gguuuGcaccaguagauccg..... 1
 Gl1a_6016433_x1.....uccggugugguUuaaacggc..... 1
 Gi2_11000250_x1.....uguuuuucacccaguagauccA..... 1
 Gi5_8964798_x1.....uccggugugguuaaCggc..... 1

Gi2_11066095_x1.....gUuucgauucccggaucggagcucu..... 1
Gi5_8832410_x1.....ggGgugguauaacggcuagcau..... 1
Gi1_4185762_x1.....uccggugGgguauaacggcuagcau..... 1
Gi5_8998201_x1.....ugguuuUacccaguagauccgg..... 1
Gi2_11051062_x1.....uccgauCcccggcaucgg..... 1
Gi5_9023175_x1.....uccggugugguauaacggcuaAcaugacug..... 1
Gi3_28881840_x1.....gguuuucacccagGagauccgg..... 1
Gi2_11106954_x1.....ccgguguggAauaacggcuagcau..... 1
Gi3_28818260_x1.....gCuucgauucccggauc..... 1
Gi5_8840835_x1.....uccggguucgauucUcggc..... 1
Gi5_9129753_x1.....guucgauucccCgcaucg..... 1
Gi3_28659296_x1.....gguucgGuucccggauc..... 1
Gi3_28445904_x1.....ggAccggugugguauaacggcua..... 1
Gi5_8837257_x1.....ucUggugugguauaacggcuagcauga..... 1
Gi1_4357924_x1.....guucgauucccggaucggaU..... 1
Gi4_593839_x1.....Uuuuucacccaguagauccgg..... 1
Gi3_28710996_x1.....ccggugugguauCacggcuagca..... 1
Gi5_9084415_x1.....guuuucacccUguagauccgg..... 1
Gi3_28752847_x1.....gguccgAugugguauaacggcua..... 1
Gi2_11019891_x1.....ugguuuucaccAaguagauccgggu..... 1
Gi2_11171564_x1.....gguucgauucccAgcaucggagc..... 1
Gi2_11349997_x1.....uagaucggguucgauuAc..... 1
G1a_6274132_x1.....ggGuuucacccaguagauc..... 1
Gi3_28308977_x1.....auccgggAucgauucccgga..... 1
Gi5_9095365_x1.....Gggguucgauucccggauc..... 1
Gi5_8894453_x1.....gguccggugugguCuaacggc..... 1
G1a_5985962_x1.....gguucgauucccggaucggagcuA..... 1
Gi1_4381040_x1.....uccggugGgguauaacgg..... 1
Gi5_8844175_x1.....uccgguguCguauaacgg..... 1
G1a_6118290_x1.....uccggugugguauCacggcuag..... 1
Gi3_28884052_x1.....Acggugugguauaacggcua..... 1
Gi2_11153887_x1.....uccgUugugguauaacggcu..... 1
Gi3_28447903_x1.....uucgauucccAgcaucgga..... 1
Gi3_28950893_x1.....uccggugugguauaacgUc..... 1
Gi5_8849360_x1.....uccggugugguauaacgC..... 1
Gi5_9099832_x1.....ccggugugguauaacggcuUg..... 1
Gi1_4162440_x1.....uuuucacccaguagCuccgg..... 1
Gi3_28383773_x1.....Uuucgauucccggaucggagcuc..... 1
Gi2_11038496_x1.....guuuGcaccaguagauccgg..... 1
Gi2_11367094_x1.....gguucgauucccgAcaucg..... 1
Gi1_4193054_x1.....gguucgauucccUgcaucg..... 1
Gi1_4366989_x1.....uUcggugugguauaacggc..... 1
Gi1_4260296_x1.....ccgguguggAauaacggcuag..... 1
Gi1_4183749_x1.....uccNguugugguauaacggc..... 1
Gi2_11010588_x1.....gguuuAcaccaguagaucc..... 1
Gi1_4256272_x1.....ggugugguGuaacggcuagcau..... 1
G1a_6152319_x1.....uccgCugugguauaacggcuagcau..... 1

Gi2_11142599_x1.....ucgauucccggaucggUgc..... 1
Gi1_4255036_x1.....uccggugugguaCaacgg..... 1
Gi2_11283715_x1.....gguuuucacccaguagauccC..... 1
Gi2_11104261_x1.....gguucgauuAccggcaucg..... 1
Gi1_4201704_x1.....ccggugugguauaacggc..... 0
Gi3_28802346_x1.....uccggugugguauaacggcuagcaCgacu..... 1
Gi2_11306600_x1.....uagauccggguUgauucc..... 1
Gi1_4225477_x1.....ccggugugguUuaacggcuagca..... 1
Gi2_11167419_x1.....uuuuUaccaguagauccg..... 1
Gi1_4315080_x1.....cgauucccggaucggagcucuuu..... 0
Gi3_28473719_x1.....uccggugugCuaaacggcuagcau..... 1
Gi5_8834597_x1.....ggCuuucacccaguagaucc..... 1
Gi5_8940685_x1.....gguucgauNcccggaucggga..... 1
Gi3_28473762_x1.....ggugugguauaacggcuagca..... 0
Gi2_11262536_x1.....uuuuGaccaguagauccg..... 1
G1a_6153259_x1.....Accggugugguauaacgg..... 1
Gi2_11298101_x1.....ccggugugguaCaacggc..... 1
Gi2_11294609_x1.....Cguucgauucccggaucggga..... 1
Gi3_28496006_x1.....ccggugugguauaaUggcuag..... 1
Gi2_11288015_x1.....uuGucacccaguagaucc..... 1
Gi3_28368820_x1.....gguuuucacccaguaUauc..... 1
Gi5_8876509_x1.....aCccggguucgauucccgga..... 1
Gi5_9133922_x1.....uccggugugguauaacggcuagcaGgac..... 1
Gi1_4383080_x1.....gguuuucaGccaguagauccg..... 1
Gi3_28682854_x1.....ucAauucccggaucgggag..... 1
Gi3_28864260_x1.....uccCgugugguauaacgg..... 1
G1a_6107351_x1.....uccggCgugguauaacggcuagca..... 1
Gi2_11229382_x1.....gCgguauaacggcuagcau..... 1
Gi3_28317338_x1.....gguccgguNugguauaacggcuagcauga..... 1
Gi3_28321869_x1.....uccggugugguauaacggcuGgcaugacu..... 1
Gi5_8845573_x1.....uccggugugUuaaacggcua..... 1
Gi3_28278930_x1.....uccggugugguauaacgCcu..... 1
Gi5_8964825_x1.....gCugugguauaacggcuagcau..... 1
Gi1_4262165_x1.....guagauccCgguucgauuccc..... 1
Gi5_8921298_x1.....ugugguauaaAggcuagc..... 1
Gi2_11234613_x1.....guucgauucccgUcaucg..... 1
Gi5_9087219_x1.....guuuucacccaguagauGcg..... 1
Gi2_11060918_x1.....guucgauucccggaGcggag..... 1
Gi1_4190970_x1.....guUgauccggguucgauuccc..... 1
Gi1_4298157_x1.....guagauccggguucgauucUc..... 1
Gi2_11221960_x1.....uucgauuccAgcaucgga..... 1
Gi2_11296882_x1.....gguccgguguggCauaacg..... 1
Gi5_9062535_x1.....guuuucUcccaguagauccgg..... 1
Gi5_8842395_x1.....cggguucgauUccggcau..... 1
G1a_6046171_x1.....ugguuuucacccagCagauc..... 1
Gi4_610218_x1.....cggNgugguauaacggcuagca..... 1
Gi5_9074772_x1.....ccggugugguauaacgCcu..... 1

Gi1_4382342_x1..... agauccggguucgauCccc..... 1
 Gi1_4351369_x1..... uccggugugguauaacggUu..... 1
 G1a_6139497_x1..... uccggugugguGuaacggcuagca..... 1
 Gi2_11337943_x1..... guucgauuAccggcaucg..... 1
 Gi2_11145916_x1..... uucacAcaguagauccgg..... 1
 Gi2_11025200_x1..... ccggGgugguauaacggc..... 1
 Gi3_28714881_x1..... ccggugugguCaacggcuag..... 1
 Gi3_28276824_x1..... gguucgauuccggcaucggagcu..... 0
 Gi5_9042545_x1..... guucgauuccggcauUg..... 1
 Gi5_9002787_x1..... uccggugGgguauaacgg..... 1
 Gi3_28500667_x1..... gCccggugugguauaacggcua..... 1
 Gi3_28686088_x1..... uUcggugugguauaacggcuagcaugacu..... 1
 G1a_6271928_x1..... uuuucacUcaguagaucgg..... 1
 G1a_6230744_x1..... uUcggugugguauaacggcu..... 1
 Gi3_28732274_x1..... auccggguucgauuccggUaucgga..... 1
 G1a_6299308_x1..... ugguuCucacccaguagaucgg..... 1
 Gi5_8873382_x1..... uuuucaAccaguagaucgg..... 1
 Gi3_28357686_x1..... uuucGcccaguagaucgg..... 1
 Gi3_28961712_x1..... uccCgugugguauaacggcuag..... 1
 Gi3_28519821_x1..... gguucgauuccUggcaucggagc..... 1
 G1a_6083823_x1..... guuuucacccaUuagaucgg..... 1
 Gi5_9041437_x1..... cggCgugguauaacggcuagca..... 1
 Gi4_580173_x1..... uccggugugguGuaacggcuagca..... 1
 Gi5_9138189_x1..... uccggugugguauaacggcuUgca..... 1
 Gi3_28988801_x1..... guucgauuccgggcauAgg..... 1
 Gi3_28958268_x1..... guucgauuccgggcaAcg..... 1
 Gi2_11259540_x1..... uccggugugguauaaUggcu..... 1
 Gi1_4237722_x1..... uccggugugCuauaacggcuagc..... 1
 Gi3_28436023_x1..... cggugCgguauaacggcua..... 1
 G1a_6179987_x1..... Aguuuucacccaguagauc..... 1
 Gi5_8987235_x1..... gguuuucacccaguUgauc..... 1
 Gi3_28733843_x1..... ccggugugguauaacggcCag..... 1
 Gi5_9051207_x1..... uccggugugguauaacggUc..... 1
 Gi2_11135002_x1..... guuUgauuccggcaucggagc..... 1
 Gi3_28268870_x1..... ccggugugNuauaacggcuag..... 1
 G1a_6134986_x1..... uccgCugugguauaacggcuag..... 1
 Gi2_11102636_x1..... Cuucgauuccggcaucg..... 1
 Gi3_28432558_x1..... Gccggcaucggagcucuuu..... 1
 Gi2_11118105_x1..... uUcggguucgauuccggcaucgga..... 1
 Gi3_28721055_x1..... ccggugugguauaacggA..... 1
 Gi3_28659092_x1..... ccggugugguCuaacggcua..... 1
 Gi2_11175096_x1..... uccggugugguauaacCgcuagc..... 1
 Gi3_28531526_x1..... gguuUgauuccggcaucgga..... 1
 Gi5_8978301_x1..... cggugugguCuaacggcu..... 1
 Gi3_28311531_x1..... Aagaucggguucgauucc..... 1
 Gi4_580796_x1..... uccggugugguauaacggcuagU..... 1
 Gi5_8955156_x1..... cggugugguGuaacggcua..... 1

Gi2_11245262_x1.....gguucgauuccUggcaucgg.....1
 Gi3_28403207_x1.....ccggugugguauaacgAcuagc.....1
 Gi1_4304564_x1.....uAcggugugguauaacgg.....1
 Gi5_8929773_x1.....ggugugguauaacggcuagcCu.....1
 Gi5_8939453_x1.....gguuuucacccaguCgaucc.....1
 Gi5_9002455_x1.....uccgAugugguauaacggcuagcauga.....1
 Gi1_4209735_x1.....uccggugugguauaacggcGag.....1
 Gi5_8926159_x1.....ggGucgauucccggaucg.....1
 Gi3_28698303_x1.....uccggugugguauaaGggcuag.....1
 Gi2_11339356_x1.....uccCgugugguauaacggc.....1
 G1a_6072315_x1.....Agguuuucacccaguagauc.....1
 Gi1_4389875_x1.....guucgauucccggaucggC.....1
 Gi1_4344425_x1.....guucgauucccgCcaucgg.....1
 Gi2_11142865_x1.....gguuAgauucccggaucgg.....1
 Gi3_28855196_x1.....uuuucacccagAagauccgg.....1
 Gi2_11161488_x1.....guucgaCucccggaucggagc.....1
 Gi3_28740703_x1.....guCcgauucccggaucggagc.....1
 Gi2_11017077_x1.....ucUggugugguauaacggcuagcaugacu.....1
 Gi3_28539101_x1.....ggGccggugugguauaacggcuagc.....1
 Gi3_28800308_x1.....gguAuucacccaguagaucc.....1
 Gi1_4350140_x1.....ggugAgguauaacggcuag.....1
 Gi5_9080436_x1.....uuuucaccaAuagaucgg.....1
 Gi2_11323072_x1.....ucNggugugguauaacggcuagc.....1
 Gi5_8914967_x1.....ugguuuucacccaguaAauccg.....1
 Gi5_9096865_x1.....uccgCugugguauaacgg.....1
 Gi3_28310326_x1.....gauccggguCcgauucc.....1
 Gi2_11170370_x1.....uuuucacccaguagauccAg.....1
 Gi3_28736181_x1.....ccgguAugguauaacggcua.....1
 Gi1_4359904_x1.....uuuucacccaguagauccAgg.....1
 Gi5_8932724_x1.....ugguuuucaccUaguagauc.....1
 Gi5_9056493_x1.....ugguCuucacccaguagauccgg.....1
 Gi3_28845886_x1.....ugguuuucacGcaguagauc.....1
 Gi4_580329_x1.....uccggugugguauaacggcCagc.....1
 Gi4_599436_x1.....uccggguucgauucccgga.....0
 Gi5_8976065_x1.....gguucgauucccggaucggUg.....1
 Gi1_4306991_x1.....ccggugugguCuaacggcuagcau.....1
 Gi5_8962898_x1.....guucgauuccUgcaucg.....1
 Gi2_11331445_x1.....Gccggugugguauaacggcuagcaugacu.....1
 Gi1_4322510_x1.....guGuucacccaguagauccgg.....1
 Gi5_9015364_x1.....ugguuCucacccaguagauccgg.....1
 Gi5_9120750_x1.....uccggugugguauaacAgcuagcauga.....1
 Gi5_8872269_x1.....guucgauucccggcGucggag.....1
 Gi3_28281242_x1.....guucgauucccggcCucggagc.....1
 Gi5_9099027_x1.....gguucgaCucccggaucgga.....1
 Gi2_11006440_x1.....cggugugguauaacggcCagc.....1
 Gi3_28923891_x1.....Ugauccggguucgauucc.....1
 Gi3_28897907_x1.....gguuCucacccaguagau.....1

Gi3_28687301_x1.....uuuucaccaguagCuccg.....1
Gi5_8989155_x1.....guucgauucccggaucggaAcuc.....1
Gi3_28271042_x1.....uuuucaccaguagauccC.....1
Gi2_11374447_x1.....uAcaccaguagauccgg.....1
G1a_6280006_x1.....gauucccggaucggagcuA.....1
Gi3_28683217_x1.....gguccgguguguaaaccggcuagAa.....1
Gi3_28621026_x1.....guucgauucccgUcaucg.....1
Gi2_11202113_x1.....Auucgauucccggaucggag.....1
Gi3_28945916_x1.....aguagGuccggguucgauucc.....1
Gi5_8998882_x1.....ucNgguguguaaaccggcua.....1
Gi3_28725585_x1.....guucgauuccUggcaucggag.....1
Gi5_8952226_x1.....uccgguUugguaaaccggcuagcau.....1
Gi5_8946992_x1.....cggugGgguaaaccggcuagc.....1
Gi5_9128163_x1.....uccgguguguaaaccggcuagcCugac.....1
G1a_6052813_x1.....gguuuucaAccaguagauccg.....1
Gi2_11068339_x1.....gguucgauucccggaucUg.....1
Gi2_11056791_x1.....agaucggAuucgauucc.....1
Gi5_9065720_x1.....uccgguguggGauaaccggcuagcaugacu.....1
Gi5_9061497_x1.....ggugugguNuaaccggcuagc.....1
Gi2_11364146_x1.....uccgguguguaaUcggcuag.....1
Gi3_28882037_x1.....cggugugguauGacggcua.....1
Gi4_597104_x1.....cccaguagauccggguucgau.....0
Gi2_11040407_x1.....uccgguguguaaaccggcuagcaG.....1
Gi2_11338424_x1.....ucAgguguguaaaccggcua.....1
Gi3_28665053_x1.....agaucggguucgauuAcc.....1
Gi2_11225193_x1.....uccgguguguaaaccggAuagcau.....1
Gi3_28650547_x1.....cgauucccggaucAgggagc.....1
Gi5_8963813_x1.....gguucgauucccggaucAgga.....1
Gi5_8845474_x1.....ugguuuucaccaguUgaucgg.....1
Gi2_11263021_x1.....ccaguagauccggguUgauucc.....1
Gi3_28467509_x1.....guucgauuAccggcaucg.....1
Gi2_11177347_x1.....ccaguagauccggUuucgauucc.....1
Gi3_28277894_x1.....auccgggCucgauuccggca.....1
Gi3_28376424_x1.....auccggguucgauucccgAca.....1
Gi3_28357581_x1.....auccUggguucgauuccggca.....1
Gi2_11232317_x1.....guucgauucccggaAcgg.....1
Gi1_4188205_x1.....ccggCgugguaaaccggc.....1
Gi5_9038071_x1.....uccggGugguaaaccgg.....1
Gi5_9034168_x1.....uccgCugugguaaaccggcuagca.....1
Gi3_28373510_x1.....cuguuuuucaccaguGgaucgg.....1
Gi2_11073899_x1.....guuuucaccaguagauccAg.....1
Gi2_11042235_x1.....guuuucaccUguagauccgg.....1
Gi5_8910057_x1.....guucgauucccggaucggagU.....1
Gi5_8913630_x1.....ggAucgauucccggaucgg.....1
G1a_6062944_x1.....gguuuucacAcaguagaucc.....1
Gi4_612650_x1.....guucgauucccggaucGucgga.....1
Gi3_28291812_x1.....guucgauucccggaucg.....1

Gi1_4302929_x1.....ccggugAgguauaacggcuagca..... 1
Gi5_8849129_x1.....ugguuucGcccaguagauccg..... 1
Gi3_28668971_x1.....gguucgauuccUggcauc..... 1
Gi5_9060991_x1.....cggugugguauaacggUuagc..... 1
Gi5_8943938_x1.....uAcggugugguauaacggcuag..... 1
Gi1_4310230_x1.....uuucacccaguagauccgU..... 1
Gi3_28512287_x1.....gguucgauuccUcggcaucg..... 1
G1a_6141880_x1.....gguuuucaccUaguagaucc..... 1
Gi1_4355187_x1.....cgUugugguauaacggcuagca..... 1
Gi3_28309019_x1.....gguucgCuuccggcaucggag..... 1
G1a_6172878_x1.....uccggugugguGuaacggcua..... 1
Gi5_8987547_x1.....cggugugguauaacggcuagcG..... 1
Gi3_28633435_x1.....cggugugguauCacggcua..... 1
Gi1_4159187_x1.....gguucgauucccggcaucggaU..... 1
Gi1_4213368_x1.....gguccggugugguauaacggcuagcaCga..... 1
Gi3_28762088_x1.....ugguuuucacccUguagauccg..... 1
Gi3_28591097_x1.....uccNgugugguauaacggcuag..... 1
Gi1_4166305_x1.....ggGugugguauaacggcuag..... 1
Gi3_28519974_x1.....uuuucaccUaguagauccgg..... 1
Gi1_4366246_x1.....guagauccggguucgauAccc..... 1
Gi3_28609004_x1.....uuucacccaguagauAccg..... 1
Gi1_4203373_x1.....guaAauccggguucgauuccc..... 1
Gi2_11316614_x1.....cUggugugguauaacggcuagc..... 1
Gi3_28477161_x1.....guuNucacccaguagauccg..... 1
Gi3_28816320_x1.....ccggugugguCuaacggcuagc..... 1
Gi3_28853288_x1.....ugguuuucacccaguagauU..... 1
Gi2_11240720_x1.....uccggugugguauaacggcuagcaU..... 1
Gi3_28360426_x1.....cUggugugguauaacggc..... 1
Gi5_9110815_x1.....Ggauccggguucgauucccggcaucggagc..... 1
G1a_6227237_x1.....gguucgauNccggcaucgg..... 1
Gi2_11090569_x1.....guuuucacAcaguagauccgg..... 1
G1a_6230351_x1.....uccggugGguauaacggcua..... 1
Gi3_28347985_x1.....gguucgauAcccggcauc..... 1
Gi2_11177244_x1.....gAucgauucccggcaucgg..... 1
Gi3_28822317_x1.....uccggugugguauaacggGuagcau..... 1
G1a_6046753_x1.....ugguuuucacccaguGgauccg..... 1
G1a_6109790_x1.....uccggugugguauaacggcuagG..... 1
G1a_6157322_x1.....gguuuucacUcaguagauccg..... 1
Gi3_28834276_x1.....gguucgauAcccggcaucgg..... 1
Gi5_9012602_x1.....cggugugguauaacggcuC..... 1
Gi5_8871306_x1.....ugguuuuUaccaguagaucc..... 1
Gi5_8860341_x1.....uccgguguggCauaacggcuagcaugacu..... 1
Gi3_28639472_x1.....gguuuucacccaguagCucc..... 1
Gi3_28921742_x1.....cgguucgauCcccggaucggga..... 1
Gi5_9012375_x1.....gguucgauucccggUaucggagc..... 1
Gi2_11141189_x1.....ggugugguauaacggcuag..... 0
Gi5_8936438_x1.....uccNgugugguauaacggcuagca..... 1

Gi2_11282186_x1.....uuuucaccaguagGucc.....1
G1a_6218855_x1.....guAcgauucccggaucgga.....1
Gi1_4164669_x1.....guucgauucAcggcaucgg.....1
Gi5_9003967_x1.....ugugguauaaUggcuagc.....1
Gi1_4390363_x1.....uucaUccaguagaucgg.....1
Gi3_28414623_x1.....guucgauuccAgcaucg.....1
Gi5_9024801_x1.....uuuucaccaguagUuccg.....1
Gi3_28659090_x1.....Aguccggugugguauaacggcuagca.....1
G1a_6330457_x1.....uccggugugguauaaUggc.....1
G1a_6276135_x1.....uccggugCgguauaacggcuagca.....1
Gi2_11211973_x1.....ccggugugguauaacAgcuagc.....1
Gi3_28791928_x1.....guuuucaccaguagUuccg.....1
Gi1_4312738_x1.....gugugguauaacggcuaA.....1
Gi3_28614794_x1.....guuuucacAcaguagauc.....1
Gi3_28792862_x1.....uCucaccaguagaucgg.....1
Gi3_28424338_x1.....gauccggguucgauuccggU.....1
Gi2_11341414_x1.....guucgauGcccggcaucgga.....1
Gi5_8991870_x1.....uuuucaccaguagaucggA.....1
Gi5_9126598_x1.....cccagCagaucggguucgau.....1
Gi3_28421230_x1.....Aguuuucaccaguagauc.....1
Gi5_9123738_x1.....cUggugugguauaacggcua.....1
Gi3_28636917_x1.....gguuuucaccaguagaAccgg.....1
G1a_6092063_x1.....uccggugugguauCacggcua.....1
Gi2_11312700_x1.....uccgAugugguauaacggcu.....1
Gi5_8858941_x1.....uucgauucccggaucggagcuA.....1
Gi1_4312124_x1.....uuuucaccaguagaucUgg.....1
Gi2_11007493_x1.....guucgauuccAggcaucgg.....1
Gi2_11048562_x1.....gguucgGuucccggaucg.....1
Gi2_11165678_x1.....guucgauUccggcaucgg.....1
Gi3_28538179_x1.....aguagaucNggguucgauucccggaucgga.....1
Gi3_28392239_x1.....Aguccggugugguauaacggcuagcauga.....1
Gi1_4383338_x1.....guuuucaccaguaUauccgg.....1
Gi5_8888141_x1.....gguucgauucccggaucggagcucuC.....1
Gi2_11088052_x1.....ggguuUgauucccggaucggag.....1
Gi2_11195888_x1.....guucgauucccggaucggaA.....1
Gi5_8832700_x1.....ggAucgauucccggaucggagcucu.....1
Gi5_8990413_x1.....cgUugugguauaacggcuagc.....1
Gi3_28301372_x1.....uccUgugugguauaacggcuag.....1
Gi2_11321495_x1.....uccgCugugguauaacggcuag.....1
Gi2_11104821_x1.....Cguuuucaccaguagaucgg.....1
Gi5_9041005_x1.....uccggugUuauaacggcuagca.....1
Gi5_8907621_x1.....cggugugguauaacggGuag.....1
Gi1_4248689_x1.....guucgauGcccggcaucgg.....1
G1a_6272856_x1.....gguuuGcaccaguagaucgg.....1
Gi3_28440914_x1.....guucgauucccggaucUg.....1
Gi5_8962579_x1.....ccggugugguauaacggcuGg.....1
Gi5_8992709_x1.....guucgauucccgUaucg.....1

Gi2_11242588_x1.....gguucgauAccggcauc..... 1
Gi1_4375403_x1.....uccgguguguaUcggcuagcau..... 1
Gi5_8864738_x1.....uccgguguguaaacgCcuagcaugac..... 1
Gi3_28803819_x1.....cgauucccggaGcggagc..... 1
Gi5_8959511_x1.....guucgauUcggcaucgga..... 1
Gi3_28686905_x1.....uucgauucccggaCcg..... 1
Gi3_28642145_x1.....gguccgguguggCauaacggcuagcauga..... 1
Gi3_28319479_x1.....uuuucacccaguagauGcg..... 1
Gi5_8997337_x1.....ugAuuuucacccaguagau..... 1
Gi3_28983948_x1.....ugguuuucacccaguagauUcgg..... 1
Gi3_28779563_x1.....gguccggugugguUuaacggcua..... 1
Gi3_28900177_x1.....gguuuuucacccaguagaGccg..... 1
Gi2_11006976_x1.....uccggugugguUuaacggcuagcau..... 1
Gi2_11331900_x1.....uuUgauucccggaucgga..... 1
Gi3_28386339_x1.....accaguagauccggguucAauucc..... 1
Gi5_8907280_x1.....guuuuucacccaguagCucc..... 1
Gi3_28545834_x1.....gAucgauucccggaucgga..... 1
Gi2_10992987_x1.....guucgauucccggaucA..... 1
Gi1_4342785_x1.....uucacccagCagauccgg..... 1
Gi3_28661794_x1.....guuuuucacccaguagaucc..... 1
G1a_6138288_x1.....cugguuuucacccaguCgauc..... 1
Gi5_8973599_x1.....Aguucgauucccggaucgga..... 1
Gi3_28770839_x1.....uuuucacccaUuagauccg..... 1
Gi5_8964824_x1.....guucgauucccggaucggaUc..... 1
Gi2_11310421_x1.....uccggugugguuaaacgUc..... 1
Gi3_28457642_x1.....uuuucacccaguaAauccg..... 1
Gi2_11147877_x1.....ugugguauCacggcuagc..... 1
G1a_6315929_x1.....gGucgauucccggaucggagc..... 1
Gi5_8929218_x1.....Aguucgauucccggaucg..... 1
G1a_5990155_x1.....gguucgauucccggaucggGgcucu..... 1
Gi3_28398397_x1.....gCucgauucccggaucg..... 1
Gi2_11379824_x1.....Aguguguaaacggcuagc..... 1
Gi2_11134968_x1.....ccgguguguaaacggcuagcau..... 1
Gi3_28657216_x1.....cgauuccGggcaucggagc..... 1
Gi5_8876852_x1.....cgguguAguuaaacggcuagca..... 1
Gi4_597346_x1.....gguuGucacccaguagauccgg..... 1
Gi5_8872726_x1.....guucgauucccggaucg..... 1
Gi5_9079748_x1.....gguAugguuaaacggcuagcau..... 1
Gi1_4313118_x1.....cccaguGgaucggguucgauuccc..... 1
Gi3_28275528_x1.....uccgguguguaaacUgcuagcau..... 1
Gi3_28516924_x1.....gauccggguucgauCccc..... 1
Gi1_4249227_x1.....gguuuGcaccaguagauccgg..... 1
Gi3_28721163_x1.....guguguaNaacggcuagca..... 1
Gi3_28784157_x1.....uccCguguguaaacggcuagcau..... 1
Gi2_11266958_x1.....gAuuucacccaguagauccg..... 1
G1a_6324254_x1.....cccaguagauccggguucgauuccU..... 1
Gi2_11017620_x1.....uCgauucccggaucgga..... 1

Gi1_4200455_x1.....guagauccggguucgauuccU..... 1
 Gi3_28951653_x1.....agauccAgguucgauucc..... 1
 Gi2_11346819_x1.....gguucgauuccAgcaucg..... 1
 Gi2_11386877_x1.....uuAcacccaguagaucg..... 1
 Gi2_11015728_x1.....ccggugugguauUacggcuagca..... 1
 Gi3_28606877_x1.....gAuuuucacccaguagaucggguucgauu..... 1
 Gi3_28720229_x1.....gUuccggugugguauaacggcuagc..... 1
 Gi3_28604297_x1.....ccggugugguauaacAgcu..... 1
 Gi1_4249107_x1.....ggugugguauaacggcua..... 0
 Gi2_11249825_x1.....ccaguagaucggguuAgauucc..... 1
 Gi5_8879735_x1.....cggguucgNuucccgcau..... 1
 Gi3_28275563_x1.....Aggugugguauaacggcua..... 1
 Gi1_4211547_x1.....ggGugugguauaacggcuagc..... 1
 Gl1a_6068684_x1.....ugguuuucNcccaguagaucg..... 1
 Gi2_11198915_x1.....uucgauuccggcaucggagcuA..... 1
 Gi5_8850960_x1.....uccggugugguauGaacggcuagca..... 1
 Gi3_28739806_x1.....ugguuuucacccaguaAauc..... 1
 Gi3_28718850_x1.....ucNggugugguauaacggcuag..... 1
 Gi2_11300882_x1.....guuuucacccaguagaucggguucg..... 0
 Gi3_28356803_x1.....cugguuuucacccaguagGuccg..... 1
 Gi1_4389425_x1.....ugguuuucacccaguagaucAg..... 1
 Gi3_28524897_x1.....guagGuccggguucgauucc..... 1
 Gi5_8879790_x1.....uGgauccggguucgauucc..... 1
 Gi1_4388131_x1.....guuuucacccaguagaucGgg..... 1
 Gi3_28464207_x1.....aguagaucUggguucgauucc..... 1
 Gi2_11109719_x1.....uuuucacccaguagaucAgg..... 1
 Gl1a_6169201_x1.....ugguuuucacUcaguagaucgg..... 1
 Gi1_4320204_x1.....guucgauucccggaucggU..... 1
 Gi1_4319030_x1.....ggugugguauCacggcuagca..... 1
 Gi3_28895502_x1.....gguucgauNcccggcaucgg..... 1
 Gi1_4367485_x1.....guagaucAgguucgauucc..... 1
 Gi2_11226528_x1.....agGuccggguucgauucc..... 1
 Gi1_4347571_x1.....ugUuuuucacccaguagaucg..... 1
 Gi3_28819375_x1.....agaucgggCucgauucc..... 1
 Gi2_11294062_x1.....gAgguauaacggcuagca..... 1
 Gi2_11104627_x1.....ccggguucgauuccggcaucggC..... 1
 Gi1_4374095_x1.....guucgauucccggaucggagcuc..... 0
 Gi1_4300793_x1.....caguaAaucggguucgauu..... 1
 Gi3_28658705_x1.....ccggugCgguauaacggcuagca..... 1
 Gi2_11358108_x1.....agauccggguucgGuucc..... 1
 Gi5_9062585_x1.....guucgauCcccggcaucg..... 1
 Gi3_28830042_x1.....uccggugAgguauaacggcu..... 1
 Gl1a_6152794_x1.....Gugguuuucacccaguagauc..... 1
 Gi3_28907955_x1.....ucGggugugguauaacggc..... 1
 Gl1a_6334526_x1.....Accggugugguauaacggcuagca..... 1
 Gi1_4211352_x1.....uuuAcacccaguagaucg..... 1
 Gi2_10994387_x1.....cUgugugguauaacggcuagca..... 1

Gi5_8944029_x1.....guuuucaccagugGucc..... 1
 Gi5_9119216_x1.....gguucgauAcccggaucgg..... 1
 Gi2_11363569_x1.....uucaccagucGauccgg..... 1
 Gi3_28603620_x1.....aucggguucgauucccGca..... 1
 Gi3_28274860_x1.....guuuGcaccagugaucc..... 1
 Gi4_584992_x1.....gguuuucaccaCuagauccg..... 1
 Gi5_8931281_x1.....uuuuUaccagugauccgg..... 1
 Gi3_28897281_x1.....ugguuuuUaccagugauccg..... 1
 Gi3_28539644_x1.....ugugguauNacggcuagc..... 1
 Gi3_28582053_x1.....uuucaccaguaUauccgg..... 1
 Gi2_11116802_x1.....uccggugugguauaacggcuUca..... 1
 Gi3_28611258_x1.....gguAuucaccagugaucc..... 1
 Gi3_28457257_x1.....uUgauucccggaucggga..... 1
 Gi3_28400533_x1.....ugguuuuacAcagugauccg..... 1
 Gi3_28892343_x1.....ggAuucaccagugaucc..... 1
 Gi3_28475183_x1.....guuuuucaccagugauccg..... 1
 Gi5_9006080_x1.....guucgaGucccggaucg..... 1
 Gi2_11356626_x1.....cgguguAguauaacggcu..... 1
 Gi3_28645549_x1.....uccggugugAuaaacggcu..... 1
 Gi2_11064094_x1.....ccUgugauccggguucgauucccgga..... 1
 Gi2_11323757_x1.....uagauAccggguucgauucc..... 1
 Gi5_9130071_x1.....agaucggguCcgauucc..... 1
 Gi3_28447506_x1.....uccggugugguauaacggcGag..... 1
 Gi1_4370976_x1.....ggugCgguauaacggcuag..... 1
 Gi1_4275460_x1.....ccggAgugguauaacggcuagcau..... 1
 Gi3_28566275_x1.....uccgguguCguauaacggcuagcau..... 1
 Gi5_9090653_x1.....guuuucacGcagugaucc..... 1
 Gi3_28434511_x1.....gguucgauucccggaucggG..... 1
 Gi3_28872645_x1.....aucggguucUauucccgga..... 1
 Gi2_11395380_x1.....gAugugguauaacggcuagc..... 1
 Gi5_8954226_x1.....ucUggugugguauaacggcuagcaugacu..... 1
 Gi5_9091719_x1.....uGcggugugguauaacggcuagcauga..... 1
 Gi5_9120676_x1.....uccgUugugguauaacggcu..... 1
 Gi2_11247315_x1.....gguucgauucccggaucgA..... 1
 Gi2_11116122_x1.....Ucagugauccggguucgauucc..... 1
 Gi5_8903882_x1.....cggugugguauaacggAu..... 1
 Gi3_28612582_x1.....cgauCcccggcaucggag..... 1
 Gi5_8997651_x1.....gCucgauucccggaucg..... 1
 Gi2_11091092_x1.....gguucCauucccggaucggga..... 1
 Gi5_9097063_x1.....gugugguauaacggcuagca..... 0
 Gi5_9034269_x1.....ugguuuucacUcagugaucc..... 1
 Gi1a_6059421_x1.....gguucgauucccggaucggagcucu..... 0
 Gi3_28501398_x1.....guucgGuucccggaucggagc..... 1
 Gi2_11375323_x1.....uccCgugugguauaacggcuag..... 1
 Gi5_9026757_x1.....guuuucaccagugauccGg..... 1
 Gi3_28330552_x1.....Acagugauccggguucgauucc..... 1
 Gi2_11088330_x1.....ccgAguucgauucccggaucggga..... 1

Gi1_4388208_x1.....ccggugugguauaacAgcuag..... 1
 Gi3_28374148_x1.....Ccgauucccggaucgga..... 1
 Gi2_11406628_x1.....uucacccagAgaucggg..... 1
 Gi5_8996640_x1.....ugguuuucacccaguGgaucgg..... 1
 Gi2_11064294_x1.....gguuGgauucccggauc..... 1
 Gi2_11287741_x1.....uccgguUugguauaacggcuagc..... 1
 Gi2_11092194_x1.....gugguauaacggcAagcau..... 1
 Gi1_4206337_x1.....uccgguguggAuaaacggcuagca..... 1
 Gi5_8973228_x1.....auucccggaucggagcCc..... 1
 Gi2_11306265_x1.....gguuCucacccaguagauc..... 1
 Gi2_11007319_x1.....guuuucGcccaguagaucggg..... 1
 Gi3_28335206_x1.....ccggugugguauaacAgcuag..... 1
 Gi3_28417763_x1.....auccggguucgaCucccgga..... 1
 Gi2_11037431_x1.....agaucggguucgCuucc..... 1
 G1a_6251521_x1.....cccaguagaucggguucgauucAc..... 1
 G1a_6141989_x1.....gguucgaCucccggauc..... 1
 Gi2_11370172_x1.....gguucgauNcccggaucgga..... 1
 Gi3_28922359_x1.....accaguagaucAgguucgauucc..... 1
 G1a_6011179_x1.....gugguauaacggUuagca..... 1
 Gi3_28819956_x1.....guucgauuccCgcaucggagc..... 1
 Gi1_4286424_x1.....gguccggugugAuuaaacggcuagcauga..... 1
 Gi3_28436138_x1.....cggGgugguauaacggcuagcau..... 1
 Gi2_11151012_x1.....uuuucaccNaguagaucggg..... 1
 Gi4_597005_x1.....uccgCugugguauaacggcuagca..... 1
 G1a_6354531_x1.....ucAggugugguauaacggcu..... 1
 Gi1_4317750_x1.....uccggguucgauucccgga..... 0
 Gi5_8902421_x1.....gAuuuucacccaguagauc..... 1
 Gi5_8864878_x1.....gguccgguguggGauaacggc..... 1
 Gi5_8968052_x1.....cggugugguauaacggcuCg..... 1
 Gi3_28387598_x1.....auccggguucgauAcccgga..... 1
 Gi3_28489670_x1.....Ggguuuucacccaguagaucggg..... 1
 Gi3_28594535_x1.....cuggCuucacccaguagauc..... 1
 Gi5_8909105_x1.....guucgauucccggaucggagcGc..... 1
 Gi3_28942912_x1.....guguUguauaacggcuagc..... 1
 Gi1_4222950_x1.....uccggugugguauaacgU..... 1
 Gi1_4219658_x1.....guAuucacccaguagaucgg..... 1
 Gi3_28330818_x1.....uuuucacccaguGgaucgg..... 1
 Gi1_4301687_x1.....gguccggugugguauGacggcuagcaugacu..... 1
 Gi5_9103018_x1.....Cccggugugguauaacggcuagcaugacu..... 1
 Gi3_28956417_x1.....gguuuucacccaguUgau..... 1
 Gi2_11258525_x1.....guuuucacccaguagaucC..... 1
 Gi2_11235611_x1.....uuuucGcccaguagauc..... 1
 Gi2_11171839_x1.....uccggugugguauaacggcGagc..... 1
 Gi5_8993360_x1.....uccggugCgguauaacggcu..... 1
 Gi3_28574407_x1.....ugguuuucacccaguagUuc..... 1
 Gi5_9097412_x1.....uGgaucggguucgauucccgga..... 1
 Gi1_4388167_x1.....cgguguAguauaacggcuagca..... 1

Gi3_28759305_x1.....uccggugugguuaaCcgguagcau.....1
 Gi2_11364350_x1.....Ccgauucccggaucggagc.....1
 Gi3_28758866_x1.....gugugAuuaaacggcuagc.....1
 Gi1_4358580_x1.....ccggGgugguuaaacggcuagca.....1
 Gi5_9089401_x1.....ccggugugguuaaacggcuG.....1
 Gi5_8864889_x1.....ugugguuaaacgAcuagc.....1
 Gi1_4223388_x1.....uccggugugguuaAaacggcua.....1
 Gi2_10997722_x1.....uuuucaccccGuagauccg.....1
 Gi2_11228712_x1.....ggguucgauucccggcCucggag.....1
 Gi5_9096052_x1.....ugguAuucacccaguagauc.....1
 Gi5_8835677_x1.....gguucgauucccggaucggCgc.....1
 Gi2_11044901_x1.....guucgauucccggcCucggag.....1
 Gi1a_6104447_x1.....guucAauucccggaucggagc.....1
 Gi5_8987819_x1.....cggugugguuaaacAgcuagc.....1
 Gi1_4240017_x1.....uccggugugguauUacgg.....1
 Gi5_9016298_x1.....cggugugguuaaacggcuagcauAacu.....1
 Gi2_11303544_x1.....gguucgGuucccggaucggagc.....1
 Gi4_597756_x1.....uccgguguggCauaacggcuagc.....1
 Gi2_11344144_x1.....uaAauuccggguucgauucc.....1
 Gi1_4359605_x1.....ccgCugugguuaaacggcuagc.....1
 Gi3_28938774_x1.....ugguuuuAaccaguagaucgg.....1
 Gi5_9017332_x1.....cgguUugguuaaacggcuag.....1
 Gi3_28378752_x1.....gauccggguucgauuccA.....1
 Gi5_8921752_x1.....cggugugAuuaaacggcu.....1
 Gi2_11404336_x1.....uccgguguggGauaacgg.....1
 Gi3_28734961_x1.....gguuuucaAccaguagaucgg.....1
 Gi3_28797068_x1.....guucAauucccggaucg.....1
 Gi5_8927511_x1.....uccggugugUuaaacggcuagcau.....1
 Gi3_28921112_x1.....gguuuucacccaguUgauc.....1
 Gi3_28312017_x1.....gguuuucacGcaguagauc.....1
 Gi3_28734720_x1.....guucgauUccggcaucggag.....1
 Gi1_4372871_x1.....guucgauucccgGaucgg.....1
 Gi3_28355103_x1.....uccNgugugguuaaacggcuagcau.....1
 Gi1_4200624_x1.....ccgguguAguuaaacggcuagcau.....1
 Gi4_595791_x1.....Nccggugugguuaaacggcuagc.....1
 Gi2_11355004_x1.....uccggguucgGuucccggaucgga.....1
 Gi3_28573501_x1.....ucacccagCagaucggguuc.....1
 Gi5_8892557_x1.....uccggugugguauUacggc.....1
 Gi3_28754247_x1.....uccggugugguuaaacCgc.....1
 Gi4_572721_x1.....gguccggugugguuaaacggc.....0
 Gi3_28901908_x1.....Cguccggugugguuaaacggcua.....1
 Gi1_4275656_x1.....guucgauucccCgcaucgg.....1
 Gi5_8879939_x1.....uagauccggguucCauucccgga.....1
 Gi3_28426336_x1.....uccggugugguuaAaacggc.....1
 Gi5_9045643_x1.....agauccggguucgUuuccc.....1
 Gi5_9118212_x1.....guucgauUccggcaucggagc.....1
 Gi3_28574821_x1.....gguucgauucccggcCucgga.....1

Gi3_28500141_x1.....uGcgauucccggaucgga..... 1
 Gi5_9041372_x1.....gguNuucacccaguagauccgg..... 1
 Gl1a_6015802_x1.....gguucgauucccggcGucg..... 1
 Gi5_8941958_x1.....gguuuucacccaguagaGccg..... 1
 Gi1_4192355_x1.....cggugugguauaacggcuGgca..... 1
 Gi2_11270542_x1.....ccaguagauGggguucgauucc..... 1
 Gi1_4258914_x1.....guuuucacccaguUgaucgg..... 1
 Gi3_28975682_x1.....ggCuucacccaguagauc..... 1
 Gi3_28749656_x1.....guucAauucccggaucggagc..... 1
 Gi1_4253554_x1.....guucgauucccgGUaucgga..... 1
 Gi5_8853338_x1.....cgguguggAauaacggcu..... 1
 Gi5_9088829_x1.....guucgauucccgGAaucggagc..... 1
 Gi3_28405481_x1.....uccUgugugguauaacggcuagcaugacu..... 1
 Gi2_11076116_x1.....uuuucacccaguagaucggA..... 1
 Gi1_4206578_x1.....Cuuuucacccaguagaucgg..... 1
 Gi2_11286746_x1.....guuuucacccaguagaucUgg..... 1
 Gi3_28894007_x1.....uuucacccCguagaucgg..... 1
 Gi4_589877_x1.....guucgauuccAgcaucgg..... 1
 Gi2_11223377_x1.....gguuuucaUccaguagauc..... 1
 Gl1a_6149958_x1.....uuGucacccaguagaucgg..... 1
 Gi5_9005746_x1.....Guccggguucgauucccgga..... 1
 Gi3_28938729_x1.....guucgauucccggaucggagcuG..... 1
 Gi3_28873980_x1.....gguucgauucccggcUucg..... 1
 Gi3_28415015_x1.....guagaucggguuAgauucc..... 1
 Gi1_4281986_x1.....uccggugCgguauaacggcuagcau..... 1
 Gi3_28718298_x1.....guucgauucccggaucggU..... 1
 Gi1_4197268_x1.....guAugguauaacggcuag..... 1
 Gi1_4339580_x1.....gugguauaacggcuagcau..... 0
 Gi5_8998215_x1.....ugguCuucacccaguagauc..... 1
 Gi2_11165985_x1.....uucgauucccgGUaucgg..... 1
 Gi2_11018762_x1.....gguAcgauucccggaucgg..... 1
 Gi3_28905771_x1.....guucUauucccggaucg..... 1
 Gi3_28346413_x1.....cugguuuucacGcaguagaucgg..... 1
 Gi3_28526114_x1.....aucggguCcgauucccgga..... 1
 Gi2_11196177_x1.....Cccggugugguauaacggcuagcaugacu..... 1
 Gl1a_5996108_x1.....ucUggugugguauaacggcuag..... 1
 Gi5_9137335_x1.....cccGguagaucggguucgau..... 1
 Gi5_9073069_x1.....gAuucgauucccggaucggagcucuu..... 1
 Gi3_28923085_x1.....guuuucacccaguagaAccgg..... 1
 Gi1_4294862_x1.....guucgauuccAgcaucg..... 1
 Gl1a_6302868_x1.....aucggguucgaCucccggc..... 1
 Gi3_28571920_x1.....cugguuuucacccaguaCauccg..... 1
 Gi3_28829351_x1.....gguCcgauucccggaucgga..... 1
 Gi1_4381525_x1.....guucgauuccAggcaucgg..... 1
 Gi4_581155_x1.....uccggugugguauaacAgcuagca..... 1
 Gi5_8855127_x1.....uccggugugguauaacUggcuagcaugacu..... 1
 Gi5_8921687_x1.....gguuuucacccaguaUaucgg..... 1

Gi2_11179527_x1.....gguucgauCcccggcaucggagc..... 1
Gi1_4191573_x1.....uccggugugguauaGcggcuagcaugacugg..... 1
Gi5_9011023_x1.....uagaCccggguucgauucccgga..... 1
Gi3_28281112_x1.....gguucgauuccUgcaucgg..... 1
Gi5_8891210_x1.....uccggugugguauaacggUuagcaugacu..... 1
Gi5_9015303_x1.....uccgCugugguauaacggcuagcau..... 1
Gi3_28834400_x1.....guucgauucccgUaucggag..... 1
Gi2_11106559_x1.....uccggugugCuauaacggcua..... 1
G1a_6336182_x1.....gguuuUaccaguagaucg..... 1
Gi3_28387968_x1.....gguuuucaUccaguagau..... 1
G1a_6125472_x1.....gguucgauucccggaucA..... 1
Gi5_9125202_x1.....uccggugugguauaacggGagcauga..... 1
Gi4_568204_x1.....uccggugugguauaCcgcuagc..... 1
Gi3_28302131_x1.....gguucgauucccgUucggag..... 1
Gi3_28535292_x1.....gguuuAcaccaguagau..... 1
Gi1_4176671_x1.....gguuuUaccaguagaucgg..... 1
Gi2_11113514_x1.....ccggugAgguauaacggcua..... 1
Gi1_4361573_x1.....guucgauucccggaucggagcu..... 0
Gi5_8981166_x1.....uccggugugguauaCcgcuagca..... 1
Gi2_11193180_x1.....gguucgauucccggaucgAa..... 1
Gi3_28836997_x1.....guucgauucccgGcucggag..... 1
Gi2_11008996_x1.....gguuuaccccGuagauc..... 1
Gi5_9080024_x1.....uccggugugguauaacggcuaCcau..... 1
Gi2_11398700_x1.....guucgauucccgAcaucggag..... 1
Gi3_28540132_x1.....uccggugugguauaacggcuagcaAgacu..... 1
G1a_6026779_x1.....uccCgugugguauaacggcua..... 1
Gi5_8912467_x1.....ccUaguagaucggguucgau..... 1
Gi5_8844944_x1.....gguucgauucccggaucggaA..... 1
Gi2_11292975_x1.....gguUgguuucccggaucg..... 1
Gi1_4366852_x1.....uccggugugguauaaUggcu..... 1
Gi3_28838194_x1.....guucgauucccggaucgAa..... 1
Gi2_11099506_x1.....uAguuuaccccaguagau..... 1
Gi2_11174853_x1.....ggGuuaccccaguagaucgg..... 1
Gi5_9101407_x1.....agauccggguucgGuucccggaucggagc..... 1
Gi2_11066559_x1.....gugugguaNaacggcuagc..... 1
Gi5_9059030_x1.....gUugugguauaacggcua..... 1
Gi2_11164158_x1.....gguuuaccccagAgaucgg..... 1
Gi5_9111378_x1.....ugguuuucUcccaguagau..... 1
Gi3_28556337_x1.....uGgauucccggaucgga..... 1
Gi1_4327151_x1.....uccggugugguauaUcggcuagca..... 1
Gi3_28622028_x1.....gguuuacNcaguagaucggguucg..... 1
Gi1_4163727_x1.....gguuuGaccaguagaucgg..... 1
Gi1_4167265_x1.....gCuucgauucccggaucgg..... 1
Gi3_28734715_x1.....gguuuaccccaguagauNcg..... 1
Gi2_11052701_x1.....uuuaccccaguagGuccgg..... 1
Gi1_4366756_x1.....uuuUcaUccaguagaucgg..... 1
Gi2_11170226_x1.....gAuucgauucccggaucggag..... 1

Gi3_28963636_x1.....ccggugugguuaaCcggc..... 1
Gi4_605849_x1.....uccggugugguuaGacggcua..... 1
Gi3_28639889_x1.....guucgauucccgCcaucg..... 1
Gi5_9051819_x1.....ggugugguuaCaacggcuagcau..... 1
Gi3_28507656_x1.....guagauccggguucgauGccc..... 1
Gi1a_6158030_x1.....Uccaguagaucggguucgauuccc..... 1
Gi5_8831253_x1.....uuuUaccaguagaucgg..... 1
Gi2_11183240_x1.....Gcaguagaucggguucgauucccgga..... 1
Gi2_11384950_x1.....agaCccggguucgauucc..... 1
Gi3_28732586_x1.....guucgCuucccggaucgga..... 1
Gi1a_6130507_x1.....ggucgauucccggaCcg..... 1
Gi2_11054805_x1.....ggAuucaccaguagaucgg..... 1
Gi1_4270452_x1.....ggugugguuaaCcgcuag..... 1
Gi2_11129470_x1.....uccggugugguuaaacgCc..... 1
Gi5_8845209_x1.....Nuuuacaccaguagaucgg..... 1
Gi1_4374462_x1.....caguagaucggguUgauu..... 1
Gi5_9057888_x1.....guuuacaccaguagUuccg..... 1
Gi5_9101037_x1.....guucgCuucccggaucggagc..... 1
Gi3_28403797_x1.....agauccggguucgauGc..... 1
Gi5_9133113_x1.....guucgauucccggaucgagc..... 1
Gi1_4276413_x1.....guuuacaccaguagaucggU..... 1
Gi5_9051696_x1.....guuuacaccaguagaucUg..... 1
Gi3_28889742_x1.....Cguucgauucccggaucg..... 1
Gi3_28803447_x1.....cggCgugguuaaacggcua..... 1
Gi5_9049093_x1.....uccCgugugguuaaacggcuagcau..... 1
Gi2_11404962_x1.....ccggugugguuaaaUggcuagcau..... 1
Gi3_28361274_x1.....agauccggguucgauucUc..... 1
Gi3_28771065_x1.....guCgauccggguucgauuccc..... 1
Gi5_8885201_x1.....gguccgguguggCauaacgg..... 1
Gi5_8992081_x1.....ggucgauUccgggaucgg..... 1
Gi4_581610_x1.....gguuGucaccaguagaucgg..... 1
Gi1_4366094_x1.....gguuuacaccUguagaucgg..... 1
Gi3_28407837_x1.....aucUggguucgauucccgga..... 1
Gi5_9016635_x1.....guGuacaccaguagauc..... 1
Gi2_11271198_x1.....guuuacaccaUuagaucgg..... 1
Gi2_11402143_x1.....cGcaguagaucggguucgauuccc..... 1
Gi3_28803494_x1.....gauccggguucgauucAc..... 1
Gi2_11083204_x1.....uccggugugguuaaacggcuagcaugac..... 0
Gi2_11293903_x1.....ggucgauucccggaucgagc..... 1
Gi3_28526016_x1.....cgauuccgggaucgag..... 1
Gi1_4183177_x1.....Uuccggugugguuaaacggcuagca..... 1
Gi5_8958704_x1.....ggucgauucccggaucggUgc..... 1
Gi5_8904794_x1.....uuuucUccaguagaucgg..... 1
Gi5_8941542_x1.....ccggugugguuaCaacggcua..... 1
Gi2_11145780_x1.....gugugguuaaacggcCagc..... 1
Gi2_11004423_x1.....guuuacaccUaguagauc..... 1
Gi1_4205334_x1.....guucgauucccggaucggagcuAu..... 1

Gi3_28413034_x1.....guuuuaccccaguagUuccgg..... 1
Gi3_28880027_x1.....gAuuuaccccaguagauc..... 1
Gi3_28795450_x1.....gguAcggugugguuaaacggcua..... 1
Gi3_28935409_x1.....guuuucaGccaguagauccg..... 1
Gi3_28595711_x1.....uccggugugCuauaacggcuag..... 1
Gi1_4338288_x1.....Auucgauucccggaucgga..... 1
Gi3_28906202_x1.....uccgguCugguauaacgg..... 1
Gi1_4159212_x1.....Ggauccggguucgauuccc..... 1
Gi2_11184625_x1.....uccggugGgguaaacggcua..... 1
Gi3_28429426_x1.....ccggugugCuauaacggcua..... 1
Gi2_11321489_x1.....uccggugugguaGaacgg..... 1
Gi3_28301920_x1.....ccGggcaucggagcucuuu..... 1
Gi3_28827143_x1.....cugguuuaccccUguagauc..... 1
G1a_6131183_x1.....uuuucaccCGuagauccg..... 1
Gi2_11306441_x1.....ggugGgguaaacggcuag..... 1
Gi5_8912586_x1.....gguuuuUacccaguagauc..... 1
Gi3_28476850_x1.....Cguuuaccccaguagaucc..... 1
Gi5_8886216_x1.....gguccggugugguuaaacggU..... 1
Gi1_4191153_x1.....ccggugugguCuaacggcua..... 1
Gi1_4174844_x1.....ucgauucccggaucggagc..... 0
Gi3_28773374_x1.....ugguuuaccccaguagauccgC..... 1
Gi3_28817894_x1.....gguucgauAcccggaucggagc..... 1
Gi4_594057_x1.....uGcggugugguuaaacggcua..... 1
Gi1_4286819_x1.....ggugugguuaaacggcuGgcau..... 1
Gi3_28758258_x1.....ucgauucccggaucAgagc..... 1
Gi5_8839110_x1.....gguucgauucUcggcaucgg..... 1
Gi5_9084374_x1.....ccAgugugguuaaacggcua..... 1
Gi3_28586840_x1.....gguucgauucccggaucggagcuc..... 0
Gi2_11384947_x1.....ugugguuaaacggcuagU..... 1
Gi2_11067074_x1.....gugguauCacggcuagcau..... 1
Gi2_11011952_x1.....ugguuuaccccaguagaCccgggu..... 1
Gi2_11329792_x1.....gguuuaccccUguagauc..... 1
Gi1_4323002_x1.....guucgaCucccggaucggagc..... 1
Gi2_11394565_x1.....gugguuaaacAgcuagcau..... 1
Gi5_8878180_x1.....uccggugugguuaaacggcuagc..... 1
Gi2_11049580_x1.....guucUauucccggaucggag..... 1
Gi3_28664978_x1.....ggCucgauucccggaucggag..... 1
Gi4_576224_x1.....Gccggugugguuaaacggcuagcau..... 1
Gi3_28846187_x1.....uccgguguggGauaacggcuagcau..... 1
Gi2_11207051_x1.....Uguccggugugguuaaacg..... 1
Gi5_8949960_x1.....cggugugguuaaacggcu..... 1
Gi2_11350660_x1.....gguuuaccccAaagauc..... 1
G1a_6080920_x1.....guuuaccccaguGgauccg..... 1
Gi3_28870350_x1.....ccUgugugguuaaacggcu..... 1
Gi2_11247266_x1.....guucgauuccAgcaucggagc..... 1
Gi1_4273861_x1.....uuuucacGcaguagauccg..... 1
Gi1_4370239_x1.....uuuaccccaguCgauccg..... 1

Gi3_28503229_x1.....gguucgauucccgUaucgga..... 1
 Gi2_11223426_x1.....ccaguagaucggguucgauCccc..... 1
 Gi5_8927842_x1.....gguucgauucccggaucggC..... 1
 Gi2_11307537_x1.....uCugguauaacggcuagc..... 1
 Gi1_4273927_x1.....uccggugugguauaacggA..... 1
 Gi5_8968897_x1.....uccggugugguauaacAgcu..... 1
 Gi5_8912210_x1.....uUgaucggguucgauucccgga..... 1
 Gi5_9134936_x1.....uguuuuacaccaguagaucUgg..... 1
 Gi1a_6349877_x1.....uccggugugguauaacggcua..... 1
 Gi5_8983046_x1.....cGggugugguauaacggcua..... 1
 Gi5_8889758_x1.....gCuuuacaccaguagauc..... 1
 Gi2_11088575_x1.....uguuuuacaccUaguagauc..... 1
 Gi2_11011635_x1.....ccaguagaucggguucgauUcc..... 1
 Gi4_583610_x1.....uccgguAugguauaacggcuagc..... 1
 Gi3_28880892_x1.....Guccggguucgauucccggaucgga..... 1
 Gi3_28475615_x1.....auccggguucgauCcccggca..... 1
 Gi3_28584262_x1.....ccggugugAuauaacggc..... 1
 Gi1_4255501_x1.....uuuucaccaguUgaucgg..... 1
 Gi1a_6252066_x1.....gCuuuacaccaguagauc..... 1
 Gi2_11297063_x1.....Cgugguauaacggcuagc..... 1
 Gi2_11211834_x1.....ucgauuccAgcaucggagc..... 1
 Gi5_9133958_x1.....cgguguggNauaacggcuag..... 1
 Gi3_28836326_x1.....ccUgugugguauaacggc..... 1
 Gi5_8918733_x1.....uccggugugguauaacggcuUg..... 1
 Gi3_28262982_x1.....guagaucggguucgauuccU..... 1
 Gi2_11024109_x1.....uUgaucuccggcaucggagc..... 1
 Gi3_28939479_x1.....Uggugugguauaacggcuagcau..... 1
 Gi1_4375144_x1.....gGuuacaccaguagauc..... 1
 Gi5_8844087_x1.....guuuGaccaguagaucgg..... 1
 Gi4_589084_x1.....gguucgauucccggaCcg..... 1
 Gi2_11110606_x1.....ccggugugguauCacggc..... 1
 Gi2_11386481_x1.....uguuuuacaccagCagaucgg..... 1
 Gi5_9130487_x1.....guuuuacAcaguagaucgg..... 1
 Gi3_28667434_x1.....guucgUuuccggcaucgga..... 1
 Gi3_28614724_x1.....gguucgauuccGggcaucggagc..... 1
 Gi5_8840988_x1.....gguGcgauucccggaucg..... 1
 Gi5_9054397_x1.....uguuuuacaccaguagUuccg..... 1
 Gi3_28871736_x1.....auccggguucgGuuccggca..... 1
 Gi1_4303705_x1.....guucgauAcccggaucgga..... 1
 Gi1_4351273_x1.....cugguuuuacaccaguagauc..... 0
 Gi5_8864321_x1.....guucgGuuccggcaucggagc..... 1
 Gi1_4165967_x1.....ccgguguggCauaacggcuag..... 1
 Gi3_28544315_x1.....gguucUauuccggcaucggagc..... 1
 Gi5_8954166_x1.....guucgauucccggaucggGgc..... 1
 Gi2_11251440_x1.....uccggugGguauaacggcuag..... 1
 Gi1_4188338_x1.....Nuuacaccaguagaucgg..... 1
 Gi2_11057028_x1.....uccAgugugguauaacggcuag..... 1

Gi3_28859113_x1.....ccggugugguauaaAggcuagc.....1
G1a_6352467_x1.....uccgAugugguauaacggcuag.....1
Gi1_4199122_x1.....ggCgugguauaacggcuagc.....1
Gi1_4370834_x1.....ggCucgauucccggaucgg.....1
Gi5_9075941_x1.....cgauCcccggcaucggagcucuuu.....1
Gi1_4388966_x1.....ucgauuccggcGucggagc.....1
Gi3_28707083_x1.....gguucgauucccggaucgAag.....1
Gi4_588694_x1.....uccggugugguauCacggcuagc.....1
Gi5_8891372_x1.....uccggAgugguauaacggc.....1
Gi3_28608686_x1.....cUgugugguauaacggcuagc.....1
Gi3_28981845_x1.....cggugAgguauaacggcua.....1
Gi3_28728177_x1.....agaucgggCucgauucc.....1
Gi1_4278672_x1.....cagCagauccggguucgauuccggc.....1
Gi1_4189488_x1.....ccUgugugguauaacggcuag.....1
Gi5_8919686_x1.....gguucgauucccggaucggG.....1
Gi3_28352897_x1.....Cuucgauucccggaucggagc.....1
Gi1_4230398_x1.....cggugugguauaaUggcuagca.....1
Gi3_28376865_x1.....guuuucacccaguagaucggU.....1
Gi2_11112269_x1.....agaucGggguucgauucc.....1
Gi5_8849376_x1.....gguuuucacccagGagaucc.....1
G1a_6256992_x1.....Cgguuuucacccaguagaucgg.....1
Gi1_4200739_x1.....gguucgauucccggaucggagcA.....1
Gi2_11346832_x1.....agaucggguucgCuucc.....1
Gi5_8872709_x1.....ugguuuucacccaAuagauc.....1
Gi3_28721035_x1.....ccgguguggCauaacggcuag.....1
Gi3_28339315_x1.....ucNggugugguauaacggcu.....1
Gi2_11206258_x1.....cccaguGgauccggguucgauucc.....1
Gi2_11195477_x1.....guucgauucccggaucgUa.....1
Gi2_11344060_x1.....gguuuucaAccaguagauc.....1
Gi2_11242597_x1.....uGucacccaguagaucgg.....1
Gi3_28745178_x1.....cugguuuucacccCguagaucgg.....1
Gi2_11076170_x1.....guucgaAucccggaucggagc.....1
Gi3_28768683_x1.....ggGuuucacccaguagau.....1
Gi5_8956351_x1.....ggugugguNuaacggcuagcau.....1
Gi2_11252633_x1.....ccggugugguauaacggcCag.....1
Gi3_28686329_x1.....agCuccggguucgauucc.....1
Gi3_28666967_x1.....Nguuuucacccaguagaucgg.....1
Gi3_28763583_x1.....uccggugugCuauaacgg.....1
Gi1_4209195_x1.....Cgugugguauaacggcuagc.....1
Gi2_11335931_x1.....uccggugugguauUacggcuag.....1
Gi5_8879029_x1.....ugguuuucacccaguagaCcc.....1
G1a_6040059_x1.....uccggugugguauaacAgc.....1
Gi2_11300346_x1.....gguuGgauucccggaucgga.....1
Gi2_11023172_x1.....uuuucUccaguagaucgg.....1
Gi5_9081191_x1.....gguccggugugguauaGcggcuagc.....1
Gi1_4282249_x1.....gguuAucacccaguagaucgg.....1
Gi2_11335096_x1.....guucgauucccgAcaucggagc.....1

Gi5_9089120_x1.....cccaguagaucggguucgGu..... 1
 Gl1a_6012496_x1.....uccgguguNguauaacggcuagcau..... 1
 Gi5_8954349_x1.....guuuucacccaguUgaucgg..... 1
 Gi5_8963823_x1.....guAuucacccaguagauc..... 1
 Gi3_28663225_x1.....ugguuuucacccaguagUuccgg..... 1
 Gi5_9119654_x1.....guuuucacccaCuagaucgg..... 1
 Gi2_11340706_x1.....uuucaccAaguagaucgg..... 1
 Gi3_28565965_x1.....guuuAcacccaguagaucgg..... 1
 Gi5_8863997_x1.....ggugugguCuaacggcuagc..... 1
 Gi1_4324241_x1.....ugguuuucacccaguagaucUg..... 1
 Gl1a_6352692_x1.....Nguuuucacccaguagaucgg..... 1
 Gi1_4177335_x1.....guucgauAcccggaucgg..... 1
 Gi1_4353672_x1.....agauAcggguucgauucc..... 1
 Gi1_4338883_x1.....uagaucggguucgauucccgCca..... 1
 Gl1a_6263401_x1.....ucgauucccAgcaucggagc..... 1
 Gi5_8984329_x1.....gguccggugCgguaaacggcu..... 1
 Gl1a_6306807_x1.....gguuuucacccaguagaU..... 1
 Gi2_11253864_x1.....gguucgauuccggcUucgg..... 1
 Gi1_4255937_x1.....ccgguguAguauaacggcuag..... 1
 Gi5_8908950_x1.....ccgAugugguauaacggcu..... 1
 Gi1_4178923_x1.....gAuuuucacccaguagaucgg..... 1
 Gi2_11382270_x1.....ggugugguauaacggcCagc..... 1
 Gi3_28703713_x1.....uuuNcaccaguagaucgg..... 1
 Gi2_11282674_x1.....gguucgauUccggcauc..... 1
 Gi5_9102670_x1.....uuuGcaccaguagaucgg..... 1
 Gi1_4251050_x1.....gguuuucaccUaguagaucgg..... 1
 Gi3_28727162_x1.....gguccggugGgguaaacggcu..... 1
 Gi3_28734374_x1.....ugguuuucacccaguagauc..... 0
 Gi4_586073_x1.....uccggugGgguaaacggcuagc..... 1
 Gi5_9094505_x1.....cgauuccggcCucggagcucuuu..... 1
 Gi3_28639400_x1.....guagaucAgguucgauucc..... 1
 Gi2_11352859_x1.....ggugugguauaacggcuGgc..... 1
 Gi4_567683_x1.....uccggugugguauaacgAcuagca..... 1
 Gi3_28315432_x1.....gguucgauuccggcaucA..... 1
 Gi5_9124724_x1.....gUugugguauaacggcuagca..... 1
 Gi2_11094234_x1.....guucgauuccggcaucgA..... 1
 Gi3_28671128_x1.....gguCuucacccaguaga..... 1
 Gi2_11120079_x1.....guucgauuccggGaucggagc..... 1
 Gi4_609437_x1.....Gccggugugguauaacggc..... 1
 Gl1a_6316227_x1.....ucGggugugguauaacggc..... 1
 Gi2_11131387_x1.....ugguuuucacccaguGgauc..... 1
 Gi2_11361089_x1.....uucacccaguagCuccgg..... 1
 Gi1_4242603_x1.....guucgauucAcggcaucg..... 1
 Gi2_11161316_x1.....gguguAguauaacggcuagc..... 1
 Gi2_11051343_x1.....gguuuucacccaUuagauc..... 1
 Gi3_28445015_x1.....ccggugugguauaaUggcuagca..... 1
 Gi1_4354456_x1.....ccggugugguauaaUggcuagc..... 1

Gi1a_6074152_x1.....uccggugugguaCaacggcuagcau..... 1
 Gi5_9026672_x1.....uuucacccaguagauGcg..... 1
 Gi2_11379875_x1.....uagauccgAguucgauucc..... 1
 Gi5_9049556_x1.....uuuuAacccaguagauccg..... 1
 Gi3_28632833_x1.....gguccggugugguaauaacggcuGgcauga..... 1
 Gi3_28572466_x1.....accaguagauccggguucgauCccc..... 1
 Gi5_9063107_x1.....gguuUgauucccggauc..... 1
 Gi2_11116470_x1.....uccggugugguUuaacggcua..... 1
 Gi4_588625_x1.....uccgguguAguauaacggcuag..... 1
 Gi4_607028_x1.....uuuucacccaguagauccgg..... 0
 Gi5_8832279_x1.....ggugugguaauaGcggcuag..... 1
 Gi5_9089363_x1.....uuuucacccaguagaGccg..... 1
 Gi3_28688796_x1.....ccgguguggCauaacggcuagca..... 1
 Gi3_28974393_x1.....cgguaugguauaacggcua..... 1
 Gi5_9108726_x1.....cggugugguaauaacggcuagcaugaAu..... 1
 Gi3_28921367_x1.....ccggugugguUuaacggcuagc..... 1
 Gi2_11199839_x1.....uccgguCugguauaacggcua..... 1
 Gi1_4378852_x1.....agauccggguucgauucUc..... 1
 Gi5_9048790_x1.....uuuucacccaguagauUcg..... 1
 Gi3_28371094_x1.....guucgauucccggaucAgga..... 1
 Gi3_28953753_x1.....guucgauucccggaGcgg..... 1
 Gi3_28765687_x1.....gguucgauucccggaAcggagc..... 1
 Gi5_9108694_x1.....cgauucccggaucAgagcucuu..... 1
 Gi4_577746_x1.....gguuuucCcccaguagauccg..... 1
 Gi1_4314918_x1.....uccggugugguaauaUcggcua..... 1
 Gi5_8904365_x1.....gguuuucaccGaguagauccg..... 1
 Gi2_11254273_x1.....uccgguguCguauaacgg..... 1
 Gi4_582855_x1.....uccggugugguaauaacggcuCgc..... 1
 Gi5_8920669_x1.....gguguAguauaacggcuagcau..... 1
 Gi1_4268137_x1.....uccggugugguaauaacggcGagcau..... 1
 Gi5_8973981_x1.....cggugCgguaauaacggcu..... 1
 Gi1_4284010_x1.....guuNucacccaguagauccg..... 1
 Gi1_4369185_x1.....ggugugguaauaacggcuGg..... 1
 Gi5_8924921_x1.....gguucgauucccggaucCggCgcucuu..... 1
 Gi5_9016980_x1.....Ucggugugguaauaacggcuagca..... 1
 Gi3_28920324_x1.....uccggguucgauucccgga..... 0
 Gi3_28784571_x1.....uagauccggguucgauucc..... 0
 Gi3_28495377_x1.....guagauccggguucgauucAc..... 1
 Gi1a_6071967_x1.....gAuucgauucccggaucgg..... 1
 Gi2_11283480_x1.....gguucgauucccggaU..... 1
 Gi3_28328683_x1.....ccggguAgaauucccggaucgga..... 1
 Gi1a_6236326_x1.....uccggugugguCuaacgg..... 1
 Gi5_9069066_x1.....guuAucacccaguagauccg..... 1
 Gi5_8910739_x1.....gguucgauuccUggcaucggag..... 1
 Gi5_9008700_x1.....cggguucgauucGcggcau..... 1
 Gi3_28423034_x1.....guucgauuAccggcaucgg..... 1
 Gi2_11027454_x1.....gCuucacccaguagaucc..... 1

Gi2_11325516_x1.....Aguucgauucccggaucgga..... 1
Gi2_11051735_x1.....gguucgauCcccggcaucgga..... 1
Gi5_8960389_x1.....uccggugugguauaacggcGagc..... 1
Gi2_11321425_x1.....agaucggguucUauucc..... 1
Gi2_11315418_x1.....Cuucgauucccggaucgagc..... 1
Gi2_11304416_x1.....cgauucccggaucgagc..... 0
Gi5_8969058_x1.....ggGuuucacccaguagaucc..... 1
Gi3_28850174_x1.....cggguucgauuccUggcaucgga..... 1
Gi5_8989922_x1.....uAuucacccaguagaucgg..... 1
Gi3_28300933_x1.....gguucgauucUcggcaucggag..... 1
Gi2_11215839_x1.....ccggugugguauaGcggcuagc..... 1
Gi1_4258501_x1.....Acggugugguauaacggcuagcau..... 1
Gi3_28897691_x1.....guuuuacccGaguagaucgg..... 1
Gi2_11096109_x1.....uccggugugguauaacggcuaCca..... 1
Gi1_4213697_x1.....ggAucgauucccggaucg..... 1
Gi1_4321020_x1.....ggGuuucacccaguagaucgg..... 1
Gi5_9132441_x1.....guuuGcaccaguagaucgg..... 1
Gi5_9062105_x1.....uccgguguCguauaacggcua..... 1
Gi1_4213496_x1.....guucgUuucccggaucgg..... 1
Gi3_28555837_x1.....guagauUcggguucgauucc..... 1
G1a_6193224_x1.....gguucAauucccggaucg..... 1
Gi1_4162885_x1.....cccaguagGuccggguucgauucc..... 1
Gi2_11248092_x1.....uuuNcaccaguagaucgg..... 1
Gi2_10993973_x1.....cAgguugugguauaacggcua..... 1
Gi1_4315960_x1.....guuuuacccaguagauccU..... 1
Gi2_11189622_x1.....uucgauuccggcGucgg..... 1
Gi1_4175403_x1.....uccgguguggAuaaacggcuagcau..... 1
Gi1_4165484_x1.....ccggugugguauaacggcCagc..... 1
Gi1_4327634_x1.....Cgguuuuacccaguagaucgg..... 1
Gi3_28846476_x1.....guucgauucAcggcaucgga..... 1
G1a_6234754_x1.....uccggugAgguauaacggcuagc..... 1
Gi1_4179217_x1.....agauccggguCcgauucc..... 1
Gi1_4324939_x1.....gguucgauNcccggcaucg..... 1
Gi2_11341939_x1.....uuuuacccaAuagaucgg..... 1
G1a_6133886_x1.....uccgUugugguauaacggcuag..... 1
G1a_6035185_x1.....uccggugugguauaaAggcuagcau..... 1
Gi3_28784796_x1.....ggGuuucacccaguagaucggguucgauu..... 1
Gi2_11251073_x1.....ugUuuuuacccaguagaucgggu..... 1
Gi2_11146091_x1.....ugguuuuacccaguagaucg..... 1
Gi5_8924867_x1.....cgguguggNauaacggcuagca..... 1
Gi4_613156_x1.....uuuuacccaguGgaucgg..... 1
Gi3_28472811_x1.....ucgauuccAgcaucggagc..... 1
Gi2_11249737_x1.....guuuuacccaguagGuccgg..... 1
Gi3_28894463_x1.....cugguuuuacGcaguagauc..... 1
Gi2_11182679_x1.....guuUgauucccggaucggag..... 1
Gi3_28309899_x1.....ccggugugguauaacgAcuag..... 1
Gi3_28538648_x1.....ucgauucccggaucggagcu..... 0

Gi5_9032751_x1.....Cguucgauucccggaucgga..... 1
 Gi1_4252814_x1.....uccggugugguauaaUggcuagcaugacugg..... 1
 Gi2_11014352_x1.....gugguauaacggcuagUau..... 1
 Gi5_9111711_x1.....cccaguagaucggguucUau..... 1
 Gi5_8991578_x1.....guucgauucccgAcaucggagc..... 1
 Gi5_8898701_x1.....ggNuucacccaguagaucgg..... 1
 Gi1_4343448_x1.....uuuucacccaguagaucggU..... 1
 Gi1_4222790_x1.....Auuuucacccaguagauc..... 1
 Gi2_11204912_x1.....ugguuuucGcccaguagaucgg..... 1
 Gi2_11146598_x1.....uccgguguggAauaacggcua..... 1
 Gi1_4338857_x1.....guuuucacccaguagaucAgg..... 1
 Gi1_4190703_x1.....agaucggguucgauAcc..... 1
 Gi2_11322480_x1.....guucgaGucccggaucgg..... 1
 Gi3_28647113_x1.....ggguucgauuccggcGucgga..... 1
 Gi2_11155729_x1.....ccaguagaucggguucgauuccA..... 1
 Gi2_11287924_x1.....uagaucAgguucgauucc..... 1
 Gi3_28347223_x1.....gguuuucacccaguagaucggguCcgauu..... 1
 Gi2_11150472_x1.....ugNuuuucacccaguagauc..... 1
 Gi3_28712208_x1.....Ugucggugugguauaacggcuagc..... 1
 Gi1_4366222_x1.....guucUauucccggaucgga..... 1
 Gi3_28416519_x1.....cgauucccgUcaucggag..... 1
 Gi2_11214913_x1.....gguuuGcaccaguagaucggguuc..... 1
 Gi3_28825255_x1.....guuuuAaccaguagaucgg..... 1
 Gi1_4369378_x1.....uuuucacUcaguagaucgg..... 1
 Gi3_28580431_x1.....guagaucCgguucgauucc..... 1
 Gi3_28715884_x1.....ugguuuucacccCguagauc..... 1
 Gi3_28952545_x1.....uccggugugguauaGcggcuagca..... 1
 G1a_6026394_x1.....uccggugugguauaUcggcu..... 1
 Gi3_28803716_x1.....cugguuuGcaccaguagauc..... 1
 Gi5_8906465_x1.....uccggugugguauaUcggcu..... 1
 Gi5_9045785_x1.....uucacccaguagaucgg..... 0
 Gi2_11333003_x1.....gguuuuGaccaguagaucgg..... 1
 Gi2_11128725_x1.....uccggguucgaCuuccggcaucgga..... 1
 Gi1_4223706_x1.....cccaguagaucggggCucgauuccc..... 1
 Gi1_4256608_x1.....ggugugguauaacggcuagcGu..... 1
 Gi1_4247675_x1.....guuuucacccaguUgaucgg..... 1
 Gi3_28697850_x1.....guuuucacccaguagaAccggguucg..... 1
 Gi3_28377093_x1.....uuuucacccaguCgaucgg..... 1
 Gi1_4280511_x1.....uccggugugCuauaacggcuag..... 1
 Gi2_11324443_x1.....gguucgCuuccggcaucg..... 1
 Gi1_4258057_x1.....gguuuucacccaguagaUcgg..... 1
 Gi1_4316707_x1.....ccggugugguauCacggcuag..... 1
 Gi1_4303641_x1.....gguuuucacccaguagaucUg..... 1
 Gi5_8851454_x1.....cggugugguauaacggcuagG..... 1
 Gi1_4236171_x1.....uuuucacccaguagaucgg..... 1
 Gi2_11152912_x1.....ggucggugugguauaGcggcuagc..... 1
 Gi5_9019430_x1.....uccggCgugguauaacggcuagcaucg..... 1

Gi3_28617703_x1.....guucgauucccgUcaucggag..... 1
 Gi3_28377723_x1.....gguucgauucccggaucggGgc..... 1
 Gi3_28526404_x1.....uccgguguUguauaacggcuag..... 1
 Gl1a_6231009_x1.....uccNgugugguauaacggcuag..... 1
 Gi2_11151724_x1.....uuAucacccaguagauc..... 1
 Gi5_9104670_x1.....ugguuuAcacccaguagaucgg..... 1
 Gi3_28850260_x1.....aucggguucgauucUcggca..... 1
 Gi2_11117628_x1.....guucgauucUcggcaucggag..... 1
 Gi1_4236996_x1.....gguuuuUacccaguagaucgg..... 1
 Gi3_28734648_x1.....gguucgauucccgCcaucgg..... 1
 Gi5_9033924_x1.....guucgauucGcggcaucgga..... 1
 Gi2_11185855_x1.....guucgGuucccggaucg..... 1
 Gl1a_6163699_x1.....gguucgauuccAggcaucgg..... 1
 Gi1_4361871_x1.....gAgaucggguucgauucc..... 1
 Gi3_28299306_x1.....ugguuuucacccaguagaucGc..... 1
 Gi5_9064913_x1.....ugguuuucacccaCuagauc..... 1
 Gi2_11400308_x1.....Cuuuucacccaguagauc..... 1
 Gi3_28429190_x1.....gguucgauucccgAauc..... 1
 Gi5_8975078_x1.....Cguuuucacccaguagauc..... 1
 Gi3_28669548_x1.....uccggugugCuauaacggcuagca..... 1
 Gi5_8953222_x1.....uccggugugguauaacggAuagca..... 1
 Gi2_11241357_x1.....uccggugugguauaacggcuagcauc..... 1
 Gi3_28265071_x1.....gguuuucacccaguagaucG..... 1
 Gi1_4175368_x1.....gguucgauucccggaCcgag..... 1
 Gi3_28479677_x1.....cgUugugguauaacggcu..... 1
 Gi3_28947382_x1.....Cgugguauaacggcuagc..... 1
 Gi3_28421134_x1.....gguucgauucAcggcaucgg..... 1
 Gi3_28729312_x1.....ugugguauaaAggcuagc..... 1
 Gi2_11104991_x1.....gguucgauucccggcCucgga..... 1
 Gi2_11290503_x1.....gguuuucacccagCagauc..... 1
 Gi5_8831111_x1.....guucgauAcccggaucggagc..... 1
 Gi5_8859276_x1.....cUauucccggaucggagcucuu..... 1
 Gi3_28694309_x1.....guNcgauucccggaucgga..... 1
 Gi2_11207145_x1.....ugugguauaacggcuUc..... 1
 Gi2_11326008_x1.....uucgauucccggcCucgga..... 1
 Gi2_11399111_x1.....guucgauucccggaucUg..... 1
 Gi5_9101242_x1.....uccggguucgauuccUggc..... 1
 Gi3_28777790_x1.....Gcggugugguauaacggcuag..... 1
 Gi3_28957941_x1.....cugguuuucacccaguCgauc..... 1
 Gi5_9122492_x1.....aguGgauccggguucgauucccggc..... 1
 Gi2_11178532_x1.....ccaguagaucggguucgauucUc..... 1
 Gi1_4385184_x1.....ugguuuucacccaguagaucggU..... 1
 Gi1_4214467_x1.....ggugugguauaacAgcuag..... 1
 Gi1_4386168_x1.....ccggugugguauaacggcuGcau..... 1
 Gi5_9124576_x1.....uccgguguUguauaacggcuagcaugacu..... 1
 Gi3_28434849_x1.....ccggugugguauGacggc..... 1
 Gi2_11371661_x1.....uccggugugCuauaacgg..... 1

Gi3_28860577_x1.....Cuucacccaguagauccgg.....1
Gi1_4342999_x1.....ggugugguauaacggcAagc.....1
Gi3_28459557_x1.....guuuucacccaguCgauccggguucg.....1
Gi5_9002736_x1.....Agugugguauaacggcuagc.....1
Gi5_8930022_x1.....gguNcgauucccggaucgg.....1
Gi2_11097236_x1.....ccggugugguauaaAggcuag.....1
Gi5_8858843_x1.....cggugugguauGacggcuagcaugacu.....1
Gi5_8993165_x1.....ccgguguAguauaacggcua.....1
Gi3_28952965_x1.....gguccggugugguauaUcggcua.....1
Gi5_8831242_x1.....ggGccggugugguauaacggc.....1
Gi1_4324899_x1.....ggugCgguaaacggcuagc.....1
Gi1_4321765_x1.....cAggugugguauaacggcuagca.....1
Gi5_8975868_x1.....ccggugugguauaGcggcua.....1
Gi3_28968255_x1.....gguuuucacccaCuagaucgg.....1
Gi3_28281766_x1.....gguucgauucAcggcaucgga.....1
Gi5_8838976_x1.....uucccggaucggagcCc.....1
Gi5_9082445_x1.....gauccggguucAauucccggauc.....1
G1a_6123207_x1.....Cccggugugguauaacggc.....1
G1a_6053636_x1.....ucAggugugguauaacggcuag.....1
Gi5_9057405_x1.....ugguuuuAacccaguagauccgg.....1
Gi3_28503393_x1.....cugguuuCcaccaguagauccg.....1
Gi2_11037120_x1.....guucgauucccggaucgGg.....1
G1a_6168512_x1.....gguucgauuccAgcaucgg.....1
Gi2_11197527_x1.....gguucgauucUcggcaucgg.....1
Gi2_11274015_x1.....uucNauucccggaucgga.....1
Gi3_28909282_x1.....Auucgauucccggaucg.....1
Gi3_28396272_x1.....cgguguggCauaacggcua.....1
G1a_6166151_x1.....gguuuucGcccaguagauccg.....1
Gi2_11018468_x1.....cggugugguauaCcgguagca.....1
Gi2_11388240_x1.....ccgguguggAauaacggc.....1
Gi1_4384304_x1.....guucgauucccggaAcgg.....1
Gi3_28754202_x1.....ugAgguauaacggcuagc.....1
Gi5_8948525_x1.....cUgugugguauaacggcuagcaugacu.....1
Gi4_571951_x1.....guucGUuucccggaucgg.....1
Gi2_11302510_x1.....uccggugugguauaacggcuUgcau.....1
Gi5_8969874_x1.....ugguCuucacccaguagaucc.....1
Gi2_11133882_x1.....gauucccggaucggagcuA.....1
Gi3_28704088_x1.....Aguucgauucccggaucgga.....1
Gi1_4227319_x1.....uuuucCcccaguagauccg.....1
Gi2_11212760_x1.....gguccggugugguauaacggcuagcaugacuA.....1
Gi2_11115921_x1.....uccggGgugguauaacggcuagcau.....1
Gi1_4382331_x1.....uuucacccNguagauccgg.....1
Gi5_9137456_x1.....uccggugugCuauaacgg.....1
Gi5_9052496_x1.....gguucAauucccggaucggag.....1
Gi5_8980953_x1.....uccggugugguauaacggcuGcaugacu.....1
G1a_6208513_x1.....gguuuucacccUguagauccg.....1
Gi2_11101580_x1.....uccggugugUuauaacggcuag.....1

Gi3_28435113_x1.....ccggugugguuaaacggcuagcC.....1
Gi3_28805075_x1.....aguagaucCGAguucgauucccggaucgga.....1
Gi3_28309999_x1.....uccgguCugguuaaacggcuag.....1
Gi2_11153540_x1.....uuuucaccAaguagauc.....1
G1a_6265805_x1.....guucgaGucccggcaucgg.....1
G1a_6071978_x1.....ucAggugugguuaaacggcuagc.....1
Gi2_11298728_x1.....guuNgauucccggaucgg.....1
Gi2_11127726_x1.....gAucgauucccggaucgga.....1
Gi3_28581939_x1.....ggUuucgauucccggaucg.....1
Gi3_28968747_x1.....uucgauucccggaCcgga.....1
Gi3_28272358_x1.....uccggugugUuaaacgg.....1
Gi5_9088682_x1.....ucNggugugguuaaacggc.....1
Gi1_4351862_x1.....cggugAgguuaaacggcuagca.....1
Gi4_585948_x1.....gguuuucacccaguagaucUg.....1
Gi2_11241761_x1.....uccgguAugguuaaacgg.....1
Gi1_4274228_x1.....gNuuuucacccaguagaucgg.....1
Gi3_28409122_x1.....gugguuaaacggcuagca.....0
Gi3_28606465_x1.....cggguucgUuuccggcaucgga.....1
Gi3_28628520_x1.....ccggugugNuuaaacggcu.....1
Gi3_28320243_x1.....gguuuucaUccaguagau.....1
Gi3_28323193_x1.....Cauccggguucgauucc.....1
Gi4_581558_x1.....uccgCugugguuaaacggcuagc.....1
Gi3_28671812_x1.....ccggugugguGuaaacggcua.....1
Gi1_4277618_x1.....gguuuucacGcaguagaucgg.....1
Gi5_9022200_x1.....uccggugugguuaaacggcAag.....1
Gi1_4349637_x1.....ccgguUugguuaaacggcuagca.....1
Gi1_4314821_x1.....uuuucacccaguaAauccg.....1
Gi3_28636130_x1.....gguccggugugguuaaacggcuCgc.....1
Gi4_583854_x1.....ucNggugugguuaaacggcuagca.....1
Gi5_8858208_x1.....guuuucUccaguagaucgg.....1
Gi2_11373264_x1.....gguucgauuccggcCucg.....1
Gi5_9127404_x1.....guucgauucccggaucggagcuG.....1
Gi5_8977573_x1.....guucgauuccAggcaucgg.....1
G1a_6204974_x1.....guuuucaccaAuagaucgg.....1
Gi5_8923977_x1.....cggugugguuaaacggcuCgca.....1
Gi5_8925556_x1.....gguucgauucccggaucggagU.....1
Gi2_10995351_x1.....uccggugugguUuaaacggcuagca.....1
Gi3_28917227_x1.....gAagaucggguucgauucc.....1
Gi1_4343911_x1.....gUuuuucacccaguagaucggguucgau.....1
Gi3_28497344_x1.....gguuGgauuccgggauc.....1
Gi3_28327403_x1.....gguucAauucccggaucg.....1
Gi3_28590212_x1.....gguucgaCucccggaucggagc.....1
Gi3_28367697_x1.....guuuucacccagGagaucgg.....1
Gi2_11371106_x1.....ugguuCucacccaguagauc.....1
Gi3_28721324_x1.....uucgauucccggaucggagc.....0
Gi1_4215642_x1.....guucgaGucccggcaucgg.....1
G1a_6273276_x1.....gguucgauucccggaucggagc.....1

Gi3_28700783_x1.....cgauucAcggcaucggagcucu..... 1
Gi4_600538_x1.....gguuuacaccagGagauccgg..... 1
Gi5_8992089_x1.....cggugugguauaacggcuagcaugacA..... 1
Gi3_28461439_x1.....cgauucccggUaucggagc..... 1
Gi3_28439743_x1.....gCuucacccaguagauc..... 1
Gi5_8845574_x1.....uuuacaccGaguagaucgg..... 1
Gi1_4383316_x1.....ggguucgauucccggcaucg..... 0
G1a_6271677_x1.....uccggugugguauaacgCc..... 1
Gi1_4177676_x1.....uuuGaccaguagaucgg..... 1
Gi2_11374411_x1.....ucGggugugguauaacggcuagcau..... 1
Gi1_4162989_x1.....ggugugguauaaAggcuagcau..... 1
Gi2_11296765_x1.....ucNggugugguauaacggcuag..... 1
Gi2_11044068_x1.....Cgguuuacaccaguagauc..... 1
Gi5_8947037_x1.....ccggugugguauaacggcCag..... 1
Gi5_9063191_x1.....ugguuuacGcaguagaucgg..... 1
Gi2_11314335_x1.....uccggugugguauaacggcuagcaCgacu..... 1
Gi2_11073041_x1.....uagauccggguucgauCcc..... 1
G1a_6092357_x1.....uccggugugguauaacAgcuagca..... 1
Gi1_4300824_x1.....ggugugguauaaUggcuagc..... 1
Gi1_4258746_x1.....guucgauuccUggcaucg..... 1
Gi1_4188232_x1.....ccggCgugguauaacggcuagc..... 1
G1a_6353985_x1.....gguuucaNccaguagauc..... 1
Gi1_4164534_x1.....ccggugugguGuaacggcuagc..... 1
Gi3_28771309_x1.....guagUuccggguucgau..... 1
Gi3_28398649_x1.....uuuacacUcaguagaucgg..... 1
Gi5_8977135_x1.....ugguuuacaccagAagauc..... 1
Gi2_11381834_x1.....uucaccUaguagaucgg..... 1
Gi3_28808491_x1.....uuuacaccaguagaucAgg..... 1
Gi1_4252032_x1.....gAucgauucccggcaucg..... 1
Gi5_9098426_x1.....uuuacacGcaguagaucgg..... 1
Gi3_28412655_x1.....ccgCugugguauaacggcua..... 1
Gi5_8956022_x1.....ggCccggugugguauaacggcuagc..... 1
G1a_6175094_x1.....uccgUugugguauaacggcua..... 1
Gi1_4330033_x1.....gUuccggugugguauaacggcuagcaugacu..... 1
Gi3_28983569_x1.....gguCcgauucccggcaucggag..... 1
Gi5_8945104_x1.....uccggugugguCuaacggcuagcau..... 1
Gi2_11352878_x1.....uccgCugugguauaacgg..... 1
Gi3_28559175_x1.....gguucgauuccAggcaucggagc..... 1
Gi1_4310630_x1.....uuuacaccAaguagaucgg..... 1
Gi2_11055740_x1.....Aguuuacaccaguagaucgg..... 1
G1a_6241953_x1.....guucgaCucccggcaucgga..... 1
Gi2_11024546_x1.....ugugguauaacggcuagA..... 1
Gi3_28846254_x1.....gguucgauucccggcCucggagc..... 1
Gi5_9032243_x1.....guucgauucccCgcaucggagc..... 1
Gi3_28890187_x1.....accaguagaucggguucgGuucc..... 1
G1a_6210486_x1.....gguuuacaccaguagaucU..... 1
Gi5_8913613_x1.....caccagCagaucggguucga..... 1

Gi3_28937500_x1.....accaguagauccggguucgaCuccc..... 1
 Gi3_28501749_x1.....cggguCcgauucccggaucgga..... 1
 Gi5_9066894_x1.....guucgauucUcggcaucg..... 1
 Gi1_4312523_x1.....uccNgugugguauaacggcuagca..... 1
 Gi2_11148408_x1.....uccgguAugguauaacggcuag..... 1
 Gi1_4192523_x1.....Uggugugguauaacggcuagca..... 1
 Gi3_28505226_x1.....uguuuuucacccagCagauccg..... 1
 Gi1_4239478_x1.....gguuuucacccaguagauccGg..... 1
 Gi2_11262916_x1.....gguuuucacccGguagaucc..... 1
 Gi2_11170379_x1.....uGcgauucccggaucgg..... 1
 Gi4_585823_x1.....cggugugguauaacggcu..... 0
 Gi5_8861884_x1.....uccggugugguauaaAggc..... 1
 Gi1_4332792_x1.....uccggugugguauaacUgcua..... 1
 Gi5_9024825_x1.....uagauccggguucgauucccggc..... 1
 Gi2_11302325_x1.....guuuucacccaguagGucc..... 1
 Gi5_9007471_x1.....cGggugugguauaacggcuag..... 1
 Gi1_4295478_x1.....cuguuuuucacccaguagGuccgg..... 1
 Gi5_8834630_x1.....gguucgauuccAgcaucgga..... 1
 Gi5_9065303_x1.....uccgCugugguauaacggcu..... 1
 Gi3_28295276_x1.....cuguuuuucGcccaguagaucc..... 1
 Gi4_593696_x1.....gguucgauucccggaucggagcuA..... 1
 Gl1a_6098600_x1.....gguucgauucccggaCc..... 1
 Gi2_10992851_x1.....guuUgauucccggaucgga..... 1
 Gi3_28333361_x1.....gugugguauaacggcuagcC..... 1
 Gi2_11139290_x1.....uccggugugguauaacggUuag..... 1
 Gi1_4166988_x1.....uUcggugugguauaacggcu..... 1
 Gi2_10999231_x1.....uccggugugguauaacggGua..... 1
 Gi5_9078872_x1.....gguuuucaUccaguagaucc..... 1
 Gi5_8958359_x1.....gguucgauucccggauc..... 1
 Gi3_28789767_x1.....aCuagauccggguucgauucc..... 1
 Gi1_4256537_x1.....uccggugugguauaacggcuagGau..... 1
 Gi3_28268258_x1.....gguuGucacccaguagaucc..... 1
 Gi5_8917699_x1.....gguuuucacccaguagauccCg..... 1
 Gi2_11330315_x1.....guucgauucccggaucggG..... 1
 Gi1_4170497_x1.....cuguuuuucaccAaguagauccgg..... 1
 Gi5_9008407_x1.....ccUgugugguauaacggcu..... 1
 Gi3_28458828_x1.....uccgCugugguauaacggcu..... 1
 Gi3_28777936_x1.....Agguucgauucccggaucgga..... 1
 Gi3_28419933_x1.....agaucggNuucgauucc..... 1
 Gi3_28444618_x1.....ccggugugguGuaaacggcuagc..... 1
 Gi1_4312900_x1.....gguuuucacccaguagauccAg..... 1
 Gi3_28625146_x1.....guucgauucccggcUucgga..... 1
 Gi3_28729928_x1.....gguGuucacccaguagauccgg..... 1
 Gl1a_6235090_x1.....gguucgauucccggaCcgg..... 1
 Gi1_4334072_x1.....ccggugugguauaacgAcuagc..... 1
 Gi5_9069690_x1.....uGuuuuucacccaguagauccg..... 1
 Gi2_11291902_x1.....ggCucgauucccggaucggag..... 1

Gl1a_6332228_x1.....guuuuUaccaguagauccg..... 1
Gl1a_6210901_x1.....uccUgugugguauaacggcua..... 1
Gi3_28790567_x1.....Gcggugugguauaacggcu..... 1
Gi1_4183588_x1.....cccaguagauccAgguucgauucc..... 1
Gi3_28465564_x1.....uuCcaccaguagauccg..... 1
Gi3_28626118_x1.....uccggugugguCuaacggcu..... 1
Gi2_11102224_x1.....uuuucacGcaguagauccg..... 1
Gi3_28600314_x1.....ucAauucccggaucgga..... 1
Gi3_28372883_x1.....gCucgauucccggaucggag..... 1
Gi3_28865077_x1.....agauccgggAucgauucc..... 1
Gi1_4275136_x1.....gAuuucacccaguagauccg..... 1
Gi5_9107770_x1.....cCgugugguauaacggcuagc..... 1
Gi1_4283838_x1.....guucgauucccggaucgCa..... 1
Gi3_28604523_x1.....cggguucgauucccgAcaucgga..... 1
Gi1_4227142_x1.....ggugugguauaCcgcuagc..... 1
Gi1_4361268_x1.....gguuuucacccaguaAauccgg..... 1
Gi1_4161625_x1.....guucgauucccgUcaucgg..... 1
Gi3_28664967_x1.....guagauccggguucgaCuccc..... 1
Gi2_11390696_x1.....agauccggguucAauucc..... 1
Gi5_9024869_x1.....ccggugugguauaacggcuaA..... 1
Gi1_4198134_x1.....uccgguUugguauaacggcuagca..... 1
Gi2_11168016_x1.....ccggCgugguauaacggc..... 1
Gi3_28558869_x1.....guucgUuucccggaucgg..... 1
Gi1_4212699_x1.....ccggugugAuauaacggcua..... 1
Gi5_8924727_x1.....Accggugugguauaacggcuagcaugacug..... 1
Gi5_9094665_x1.....cggugugguCaacggcuagcaugacu..... 1
Gl1a_6029950_x1.....uccggugugguauaacggcuCg..... 1
Gi3_28674833_x1.....ugguuuucacccaguagCuccg..... 1
Gi1_4268004_x1.....uccggugugguauaacCgcuagca..... 1
Gi5_9084455_x1.....gguuuucacccCguagaucc..... 1
Gi2_11347824_x1.....uccgguguCguauaacggcuagca..... 1
Gi1_4185889_x1.....guucgauuAccgggaucgg..... 1
Gi3_28440707_x1.....uccgguguUguauaacggcuagca..... 1
Gl1a_5990216_x1.....uccggugCgguauaacggcua..... 1
Gi5_9128855_x1.....ggugugguauGacggcuagcaugacu..... 1
Gi1_4189648_x1.....ugguuCucacccaguagauccgg..... 1
Gi1_4266748_x1.....uuuucacccaguagauAccg..... 1
Gi2_11344631_x1.....Augugguauaacggcuagc..... 1
Gi1_4219302_x1.....uccgCugugguauaacgg..... 1
Gi2_11214794_x1.....Cuuucacccaguagaucc..... 1
Gi3_28525479_x1.....agCagauccggguucgauucc..... 1
Gi1_4287945_x1.....uuuucacccaguagaGccg..... 1
Gl1a_6115796_x1.....uccggugugguauaacggAuag..... 1
Gi3_28409142_x1.....gguccggugugguauaacggcuCgca..... 1
Gi5_8941102_x1.....ggugugguauaGcggcuagcau..... 1
Gi2_11251589_x1.....guucgauucccgUcaucggagc..... 1
Gi3_28987072_x1.....aAuagauccggguucgauucc..... 1

Gi3_28884262_x1.....cccgAcaucggagcucuuu..... 1
 Gl1a_6253294_x1.....Aguucgauucccggauc..... 1
 Gi2_11338648_x1.....ccggugugguGuaacggcuag..... 1
 Gi5_8939971_x1.....uguuuuacaccaguaAaucc..... 1
 Gi2_11059428_x1.....gguuuucaccagugGaucc..... 1
 Gi5_8986285_x1.....uccggugugCuauaacggcuagca..... 1
 Gi1_4295239_x1.....ccggugugguauaacggcCagcau..... 1
 Gi3_28756620_x1.....guuuucacUcaguagauc..... 1
 Gi5_8834961_x1.....gguucgauucccggcCucg..... 1
 Gi5_9074066_x1.....gguuuucaccagugauAcgg..... 1
 Gi1_4211157_x1.....gguGuucaccagugauaccgg..... 1
 Gi2_11177513_x1.....guucgauucccggaucggagcuc..... 0
 Gi2_11294150_x1.....uccggugugguauUacggcuagcau..... 1
 Gi3_28498450_x1.....uguuuuacaccagugaAccg..... 1
 Gi1_4231592_x1.....ggugugguaCaacggcuagcau..... 1
 Gi1_4205707_x1.....ucNggugugguauaacggcuagcau..... 1
 Gi3_28784629_x1.....cuggCuucaccagugauaccg..... 1
 Gi3_28760817_x1.....uguuuuucUcccagugauaccg..... 1
 Gi5_9051860_x1.....cggugugguaCaacggcua..... 1
 Gi5_9119608_x1.....gguuuuGaccagugauaccgg..... 1
 Gi3_28604816_x1.....gguccgguguggGauaacggcua..... 1
 Gi2_11154954_x1.....Cuucgauucccggaucggag..... 1
 Gi3_28559545_x1.....ccggAgugguaauaacggcuagc..... 1
 Gi5_9043566_x1.....uccggugugguauaacggcuU..... 1
 Gi1_4274913_x1.....ugguCuucaccagugauaccgg..... 1
 Gi3_28456883_x1.....uccggugugguauaacCg..... 1
 Gi2_11262046_x1.....gguucgauucccggaucggag..... 1
 Gi1_4308143_x1.....gguuuucacGcaguagaucgg..... 1
 Gi5_8935803_x1.....ggugugguauCacggcuagc..... 1
 Gi3_28508555_x1.....uccggugugguauaacAggcuag..... 1
 Gi1_4350596_x1.....uccgguaAugguauaacgg..... 1
 Gi3_28283713_x1.....gguccggugugguauaacCggcuagc..... 1
 Gi2_11237886_x1.....guucgauucccggcCucgg..... 1
 Gi1_4372967_x1.....uuuucaccagugauacc..... 0
 Gl1a_6335511_x1.....uccgguguNguauaacggc..... 1
 Gi3_28974176_x1.....ggguucgCuucccggaucg..... 1
 Gi2_11122510_x1.....gguucgauucUcggcaucggagc..... 1
 Gi5_8917184_x1.....gguucgauNcccggaucggag..... 1
 Gi3_28573061_x1.....uccggguucgauucccggaCcgga..... 1
 Gi3_28689220_x1.....uuuucaccUguagaucgg..... 1
 Gi2_11284719_x1.....gCuuuucaccagugauaccg..... 1
 Gi1_4325817_x1.....guCcgauucccggaucggga..... 1
 Gi4_569970_x1.....guucgauucccggaucggagcuA..... 1
 Gi1_4388583_x1.....guagaucggguucgaCuccc..... 1
 Gi2_11254466_x1.....guuuucaccagugauaccg..... 1
 Gi5_9017749_x1.....gguucgauucccggaucg..... 1
 Gl1a_6074638_x1.....cGcaguagaucggguucgauucc..... 1

G1a_6227387_x1.....ggugugguNuaacggcuagc..... 1
 Gi1_4211195_x1.....uccggugugUuaaaacggcuagcau..... 1
 Gi2_11324288_x1.....gguucgauNcccggcaucg..... 1
 Gi3_28284791_x1.....gaucCGAguucgauuccc..... 1
 Gi5_8841115_x1.....ccggugAgguauaacggcuag..... 1
 Gi5_9060780_x1.....cggugAgguauaacggcuag..... 1
 Gi5_8841678_x1.....cggugugguauaacggUua..... 1
 Gi3_28835738_x1.....gguucgCuucccggaucggagc..... 1
 Gi3_28706836_x1.....Auucgauucccggaucggagc..... 1
 Gi1_4344612_x1.....guucgauucccUgcaucgga..... 1
 Gi2_11203924_x1.....guuuuacaccUaguagauccgg..... 1
 Gi3_28459872_x1.....aucCGUguucgauucccgga..... 1
 Gi3_28898608_x1.....gugGgguauaacggcuagca..... 1
 Gi5_9107996_x1.....guucgauuNccggcaucg..... 1
 Gi5_9013375_x1.....cgUugugguauaacggcua..... 1
 Gi5_8951218_x1.....cggugugguauaacggcCa..... 1
 Gi5_9070930_x1.....aucCGguucgauucccUgca..... 1
 Gi1_4299530_x1.....Cguuuucacccaguagauc..... 1
 Gi3_28340381_x1.....gguuGgauucccggaucgga..... 1
 Gi5_9040776_x1.....uccUgugugguauaacgg..... 1
 Gi3_28899170_x1.....gAgaucCGguucgauu..... 1
 Gi5_8837132_x1.....ggAucgauucccggauc..... 1
 Gi3_28927900_x1.....uccggugugguauaacggcuagcauU..... 1
 Gi2_11188886_x1.....uguuuuucacUcaguagauccg..... 1
 Gi5_8847653_x1.....guuuucacccaguagauccgA..... 1
 Gi2_11023009_x1.....Auucacccaguagauccg..... 1
 Gi5_8855538_x1.....cccCguagauccggguucgau..... 1
 Gi5_8926509_x1.....gCugugguauaacggcuagcaugacu..... 1
 Gi2_11217929_x1.....gauucccggaucggagcC..... 1
 Gi2_11302708_x1.....cgauucccggaucggagcucu..... 0
 Gi3_28577470_x1.....agaucCGguuAgauuccc..... 1
 Gi2_11020092_x1.....ccagGagauccggguucgauucccgga..... 1
 Gi3_28296641_x1.....gguuAgauucccggaucg..... 1
 Gi4_571505_x1.....guucgauucccggaucg..... 0
 Gi2_11236970_x1.....guucgauuccUggcaucg..... 1
 Gi5_9059761_x1.....gguuuucacccaguagGucc..... 1
 Gi2_11086644_x1.....uucacccaguGgaucgg..... 1
 Gi2_11034873_x1.....gguucgauucccggaAcgga..... 1
 Gi5_8840174_x1.....uguuuuucacGcaguagauccg..... 1
 Gi2_11265529_x1.....gguuuucacccaguagauccgGgg..... 1
 Gi3_28628050_x1.....guuuucacccaAuagauccg..... 1
 Gi5_9030504_x1.....caguagGuccggguucgauucccggaucg..... 1
 Gi1_4165398_x1.....uUcggugugguauaacggcuagcauga..... 1
 Gi5_9083335_x1.....ccgguguCguauaacggcua..... 1
 Gi2_11154433_x1.....uccggugugCuauaacggc..... 1
 Gi1_4245707_x1.....guuuucacccaguaAuuccg..... 1
 Gi5_8860350_x1.....uccgAugugguauaacgg..... 1

Gi5_8973947_x1.....cgauucccggaucggagcucuuC..... 1
Gi1_4199501_x1.....caguagaCccggguucgau..... 1
Gi3_28496023_x1.....ggugugguauGacggcua..... 1
Gi1_4268216_x1.....uuuucacUcaguagaucgg..... 1
Gi5_8886692_x1.....uccggugugguauaacCgcua..... 1
Gi5_9025807_x1.....uggAuuucacccaguagaucgg..... 1
Gi3_28452494_x1.....gguucgGuucccggaucggagc..... 1
Gi5_9052407_x1.....gguucgauCcccggaucgg..... 1
Gi3_28804437_x1.....guuuucacccUguagauc..... 1
G1a_6247338_x1.....uccUgugugguauaacggcua..... 1
Gi3_28880903_x1.....uuucacccaguagCuccg..... 1
Gi2_11311884_x1.....uccggugugguauAaacggcua..... 1
Gi2_11185599_x1.....gguucgauuccGggcaucgg..... 1
Gi2_11322064_x1.....uCGuuuucacccaguagauc..... 1
Gi3_28732581_x1.....gCuucgauucccggaucgg..... 1
Gi4_579462_x1.....uccggugugguauaacggcua..... 1
G1a_6028190_x1.....Aguucgauucccggaucg..... 1
Gi2_11144726_x1.....guucgauuccUggcaucggagc..... 1
Gi2_11293261_x1.....ccaguagaucAgggguucgauucc..... 1
Gi1_4366509_x1.....uccggugugguauaacggcuaAcau..... 1
Gi5_8951383_x1.....uccgguguUguauaacggcua..... 1
Gi5_9119705_x1.....Aguucgauucccggauc..... 1
Gi2_11240182_x1.....uccggugugguauaUcggc..... 1
G1a_6359478_x1.....guucgauucccggaucAgg..... 1
G1a_6294080_x1.....ugguuuucacccaguagGuccg..... 1
G1a_6107326_x1.....ucUggugugguauaacggcua..... 1
Gi3_28702391_x1.....ggugugguauaaUggcua..... 1
Gi3_28428019_x1.....uccggugugguauaacggUu..... 1
Gi1_4221171_x1.....gguuuucacccaguaCauccg..... 1
Gi3_28525357_x1.....cggGgugguauaacggcua..... 1
Gi4_588783_x1.....Cccggugugguauaacggcua..... 1
Gi2_11071830_x1.....guucAauucccggaucggagc..... 1
Gi1_4313891_x1.....uccggugugguauaacgUcua..... 1
Gi3_28346100_x1.....auccggguucgauuccggcC..... 1
Gi1_4360635_x1.....cGguagaucggguucgau..... 1
Gi3_28323649_x1.....cCauucccggaucggagc..... 1
Gi5_9058931_x1.....uagaucUggguucgauuccggca..... 1
Gi2_11122723_x1.....guucgaCucccggaucg..... 1
Gi2_11322036_x1.....Cccggguucgauucccggaucgga..... 1
Gi5_8961488_x1.....ugGgguauaacggcua..... 1
Gi2_11296232_x1.....gguucgaCucccggaucg..... 1
Gi2_11083145_x1.....uucgCuucccggaucgg..... 1
Gi2_11284705_x1.....guuuucacccCguagaucgg..... 1
Gi3_28939639_x1.....uuuucacccaguaUaucg..... 1
Gi2_11284344_x1.....cccaguagaucggguucgauUcc..... 1
Gi3_28964466_x1.....gguNuucacccaguagauc..... 1
Gi1_4376276_x1.....ugguuuucacccagGagaucgg..... 1

Gi1_6259667_x1.....uccggugugguauaacggcuUc..... 1
 Gi2_11183907_x1.....gAuucgauucccggaucggagc..... 1
 Gi3_28829148_x1.....uguuuuaccAaguagauc..... 1
 Gi1_4202070_x1.....guucgauucccCgcaucgga..... 1
 Gi1_4372833_x1.....uccggugGgguauaacggcu..... 1
 Gi2_11140180_x1.....ccggugAgguauaacggc..... 1
 Gi4_611418_x1.....uccggugugguauaacgCcuagc..... 1
 Gi5_9123971_x1.....caguagaucgggGucgauucccggaucg..... 1
 Gi3_28792709_x1.....ccgguguggAauaacggcuagc..... 1
 Gi3_28650441_x1.....cccggcauNggagcucuuu..... 1
 Gi5_8848307_x1.....uguuuuacUcaguagauc..... 1
 Gi5_8884584_x1.....Acggugugguauaacggcuag..... 1
 Gi2_11154693_x1.....gCucgauucccggaucg..... 1
 Gi1_6214026_x1.....Uuucgauucccggaucggagc..... 1
 Gi1_4373276_x1.....guuuuacaccaguagauCg..... 1
 Gi3_28845404_x1.....gguuuucaGccaguagaucc..... 1
 Gi3_28861116_x1.....guagauccgggCucgauu..... 1
 Gi3_28490099_x1.....Nccggugugguauaacggcu..... 1
 Gi2_11266840_x1.....uagaAccggguucgauucc..... 1
 Gi3_28725608_x1.....gguuuuacaccaguagauAccg..... 1
 Gi2_11097483_x1.....guuuuacaccaguagauccAg..... 1
 Gi1_4266182_x1.....guuuucCcccaguagauccg..... 1
 Gi5_8908503_x1.....aUaucggguucgauucccggaucggagc..... 1
 Gi1_4360815_x1.....cgugugguauaacggcuagca..... 1
 Gi1_4258670_x1.....guucgauucccggaucggagcCcu..... 1
 Gi1_4386123_x1.....ccggugugguauaacggcuCgcau..... 1
 Gi1_4207497_x1.....uccggugugguauaacggcuagUau..... 1
 Gi5_9077229_x1.....cgCguucgauucccggauc..... 1
 Gi1_4162274_x1.....uguuuuacaccaguagauccgA..... 1
 Gi2_11124906_x1.....Nuucgauucccggaucgga..... 1
 Gi3_28451601_x1.....gguucgauucccggaucg..... 1
 Gi1_4165029_x1.....uccggGugguauaacggcuagcau..... 1
 Gi5_9020282_x1.....gguucgauucccggcCuc..... 1
 Gi3_28756735_x1.....aguagaucggguucgCuucc..... 1
 Gi5_9091851_x1.....Cguucgauucccggauc..... 1
 Gi4_570039_x1.....guucgauucccggaCcgag..... 1
 Gi2_11260754_x1.....guuuuacUcaguagauccg..... 1
 Gi3_28870424_x1.....uagaCccggguucgauuc..... 1
 Gi3_28802416_x1.....guucgauuccUgcaucg..... 1
 Gi5_8992841_x1.....uccNgugugguauaacggc..... 1
 Gi1_4186141_x1.....uccggugugUauaacgg..... 1
 Gi1_6085748_x1.....uccgUugugguauaacggcuagca..... 1
 Gi1_4333868_x1.....uuAcaccaguagauccgg..... 1
 Gi3_28495574_x1.....agauGcgguucgauucc..... 1
 Gi4_606529_x1.....ggugugguauaacggcuagca..... 0
 Gi2_11316727_x1.....gguucgauucccggaAc..... 1
 Gi3_28647124_x1.....gguuuuAaccaguagaucc..... 1

Gi1_4339369_x1.....gguucgauuccUggcaucgg..... 1
 Gl1a_6058941_x1.....gguuuucacAcaguagaucgg..... 1
 Gi5_9035783_x1.....Aguuuucacccaguagauc..... 1
 Gi2_11347435_x1.....uucacccaguagaucAg..... 1
 Gi1_4215165_x1.....auccAgguucgauucccggaucggag..... 1
 Gi1_4247011_x1.....ggugugguGuaacggcuagc..... 1
 Gi3_28269971_x1.....auGcgguucgauucccggaucggag..... 1
 Gi1_4326830_x1.....guuuucacccaguagaCccgg..... 1
 Gl1a_6055432_x1.....uccggugugguauaaGggcuag..... 1
 Gi3_28987937_x1.....gguucgauucGcggcaucgga..... 1
 Gi3_28943001_x1.....auccggguucgauucccggaCcgga..... 1
 Gi3_28770708_x1.....aGccaguagaucggguucgauucc..... 1
 Gi2_11242093_x1.....uccgguguggAauaacgg..... 1
 Gi1_4277820_x1.....uucgauucccggaucgg..... 0
 Gi2_11100263_x1.....uccgguAugguauaacggcuagcau..... 1
 Gi3_28637098_x1.....guuGucacccaguagaucgg..... 1
 Gi3_28945333_x1.....ccggcaucggagcucuuu..... 0
 Gi3_28325807_x1.....uuuuGacccaguagaucgg..... 1
 Gi5_8846808_x1.....uccgCugugguauaacggcuagc..... 1
 Gi1_4162795_x1.....Guucacccaguagaucgg..... 1
 Gi3_28785728_x1.....Cgguuuucacccaguagaucgg..... 1
 Gi1_4250569_x1.....uccgguUugguauaacggcuagc..... 1
 Gi1_4344493_x1.....gUuucgauucccggaucg..... 1
 Gi3_28788969_x1.....ccggugugguauCacggcu..... 1
 Gi5_9064924_x1.....guuuucacccagGagaucgg..... 1
 Gi5_8838046_x1.....cccaguaUaucggguucgau..... 1
 Gi3_28661166_x1.....guucgauucccgUcaucgga..... 1
 Gi3_28809834_x1.....gguucgauucccggaUaggagc..... 1
 Gi5_9066384_x1.....ugUuuuucacccaguagaucgg..... 1
 Gi3_28403316_x1.....gugugguuaGaacggcuagc..... 1
 Gi2_11140842_x1.....gUuuuucacccaguagau..... 1
 Gi3_28613876_x1.....guuuucUccaguagaucgg..... 1
 Gi1_4160500_x1.....ucNggugugguauaacggcuagc..... 1
 Gi1_4186409_x1.....uccggugugguauaacAgcuagcauga..... 1
 Gi2_11230113_x1.....uccggugugguauaacggcAagcau..... 1
 Gi5_8903390_x1.....gguucgauucccggaucgAa..... 1
 Gi5_8899518_x1.....gguucgauuccUggcauc..... 1
 Gi1_4275676_x1.....ggguucgauucccgCcaucggagc..... 1
 Gi3_28428108_x1.....Uccggcaucggagcucuuu..... 1
 Gi5_9054561_x1.....ugguuuucacUcaguagaucgg..... 1
 Gi2_11357770_x1.....guuuucacccaguagaucAgg..... 1
 Gl1a_6333654_x1.....uccgUugugguauaacggc..... 1
 Gl1a_6272229_x1.....uccggugugguGuaacggc..... 1
 Gi5_9041055_x1.....guAcgauucccggaucgg..... 1
 Gi5_8843666_x1.....uccgguguNguauaacggcuagcaugacu..... 1
 Gi3_28655823_x1.....gugugguauaacGcggcuagc..... 1
 Gi2_11247684_x1.....uccggugugguauaacUgcuaagca..... 1

Gi3_28828962_x1.....uccgguguAguauaacggcu..... 1
Gi1_4161452_x1.....uccggugugguauUacggcuagca..... 1
Gi5_9031932_x1.....cggugugguauaGcggcuagca..... 1
Gi5_9027834_x1.....uccggugugguNuaacggcua..... 1
Gi2_11310390_x1.....guucAauucccggcaucgg..... 1
Gi2_11012395_x1.....ccggugCgguauaacggcuagc..... 1
Gi3_28930468_x1.....uguuuuacaccaguGgauc..... 1
Gi1_4165637_x1.....uccggugGgguauaacggc..... 1
G1a_6236776_x1.....ucUggguucgauucccggca..... 1
Gi5_9131065_x1.....uuuucaccaguagauUg..... 1
Gi3_28719527_x1.....guagaAccggguucgauucc..... 1
Gi2_11218958_x1.....gauucccggcaCcgagc..... 1
Gi3_28467763_x1.....gguuuAcaccaguagauccgg..... 1
G1a_5990104_x1.....uccggugugguauaacggcuaAcau..... 1
Gi2_11324408_x1.....guuuuacaccAaguagauccg..... 1
Gi4_570322_x1.....gguAuucaccaguagauccg..... 1
Gi5_9046579_x1.....aguagauccggguucgauCcccggc..... 1
Gi2_11061395_x1.....uuuucaccaguagaCccgg..... 1
Gi1_4388846_x1.....ugugguauaacggcuagcU..... 1
Gi5_8950581_x1.....gguucgauucccggcGucggagcucu..... 1
Gi5_8953429_x1.....ucgauuccAggcaucggagcu..... 1
Gi3_28369720_x1.....uguuuucaUccaguagau..... 1
Gi5_8893496_x1.....Gccggugugguauaacggcuagcaugacug..... 1
Gi1_4212297_x1.....guagauccggguucgauuccAc..... 1
Gi3_28397068_x1.....aguagauccggguucgauCcc..... 1
Gi3_28851470_x1.....Cguucgauucccggcaucgg..... 1
Gi3_28346352_x1.....auUcggguucgauucccggca..... 1
Gi1_4243048_x1.....ccggugugguauaacggcuaA..... 1
Gi1_4362304_x1.....uucaccaguagauccAg..... 1
Gi5_8867036_x1.....ggCgugguauaacggcuagc..... 1
Gi5_8934912_x1.....gguuuuacaccaguagauUcgg..... 1
Gi3_28667343_x1.....cgauucccggAaucggagcucu..... 1
Gi5_8868710_x1.....ggugugguNuaacggcuag..... 1
Gi1_4315943_x1.....uccgguguggAuaaacgg..... 1
Gi2_11045947_x1.....guuuAcaccaguagauccgg..... 1
Gi2_11386745_x1.....gguucgauCcccggcaucg..... 1
Gi2_11110193_x1.....guucgauucccggcaucggaU..... 1
Gi5_9057942_x1.....gguuuuacaccaguagaCcc..... 1
Gi4_608309_x1.....gguucgauucccggcaucgga..... 0
Gi3_28940332_x1.....Ugaucggguucgauucc..... 1
Gi3_28839307_x1.....cugguuuuacAcaguagau..... 1
Gi3_28372285_x1.....guGcgauucccggcaucgg..... 1
Gi2_11226317_x1.....uccNgugugguauaacggcuag..... 1
Gi2_11268230_x1.....uuuucaccagCagauccg..... 1
G1a_6184396_x1.....gguuuuacaccagGagauccg..... 1
Gi3_28984022_x1.....uuucGcccaguagauccg..... 1
Gi1_4382323_x1.....caguagauccggAuucgau..... 1

Gi3_28359290_x1.....guucgauUccggcaucgga..... 1
 Gi2_11251350_x1.....cGggugugguauaacggcuag..... 1
 Gi5_9021981_x1.....guucgauucccggcCucg..... 1
 Gi3_28826447_x1.....guuuucacccaguagauAcg..... 1
 Gi2_11091609_x1.....uuucacccaguagaucGg..... 1
 Gi2_11402074_x1.....uNcggugugguauaacggcuag..... 1
 Gi5_9049400_x1.....uccgAugugguauaacggcuagcaugacug..... 1
 Gi5_8906339_x1.....uccgguguCguauaacggcuagca..... 1
 Gi3_28588502_x1.....uuuucacccaguagCuccgg..... 1
 Gi1_4172731_x1.....ggugugguNuaacggcuagcau..... 1
 Gi4_570865_x1.....guucgauucccggaucgga..... 0
 Gi2_11292220_x1.....ggugugguauaGcggcuagc..... 1
 Gi1a_6053798_x1.....uccggugugguauCacggcuagcau..... 1
 Gi5_9013102_x1.....uccggugugguauaacggcuagcGuga..... 1
 Gi5_8853205_x1.....ucNggugugguauaacggcuagca..... 1
 Gi2_11133518_x1.....uagauccggguAcgauucc..... 1
 Gi5_9091729_x1.....Nuucgauucccggaucggagc..... 1
 Gi2_11009600_x1.....Cguucgauucccggaucggagc..... 1
 Gi3_28930566_x1.....guucgauucccggaucggagcGc..... 1
 Gi1a_6233785_x1.....ccggugugguauaacggc..... 0
 Gi3_28913390_x1.....ccggugugguauaUcggcuag..... 1
 Gi2_11365707_x1.....ugguuuucacccaCuagauccgggu..... 1
 Gi1_4209961_x1.....uccgAugugguauaacggcu..... 1
 Gi2_11193967_x1.....uccgguCugguauaacggcuagcau..... 1
 Gi3_28611525_x1.....ggGuuucacccaguagauccggguuc..... 1
 Gi3_28275278_x1.....gguCcgauucccggaucgga..... 1
 Gi1_4207132_x1.....uccggugugguauaacUg..... 1
 Gi5_8969478_x1.....ucGggugugguauaacggc..... 1
 Gi3_28428126_x1.....cCgguucgauucccggaucgga..... 1
 Gi2_11259583_x1.....ccaguagGuccggguucgauucc..... 1
 Gi3_28457882_x1.....guuuucacccaguagaCcc..... 1
 Gi1_4230766_x1.....uccggugugguauUacggcuag..... 1
 Gi2_11277155_x1.....gguucgauucccggaucAgag..... 1
 Gi1a_6331400_x1.....uUguuuucacccaguagauc..... 1
 Gi2_11380918_x1.....guuuucacccaguCgauccgg..... 1
 Gi3_28669332_x1.....uuucacccGguagauccg..... 1
 Gi1_4240931_x1.....gGgugguauaacggcuag..... 1
 Gi5_9004743_x1.....uccggugugguGuaacggcu..... 1
 Gi5_8830576_x1.....uuuucacccCguagauccg..... 1
 Gi4_574791_x1.....cggugugguauaacggcuagc..... 0
 Gi2_11080243_x1.....uccggugugguauaacgUcuagc..... 1
 Gi2_11238164_x1.....ucGggugugguauaacggcua..... 1
 Gi5_8889610_x1.....cgauucccgGUaucggagcucuuu..... 1
 Gi5_8862807_x1.....auccggguucgauuccUcggca..... 1
 Gi1_4380857_x1.....guagauAgggguucgauucc..... 1
 Gi2_11077193_x1.....gguuuucaccGaguagauccg..... 1
 Gi5_8946010_x1.....cggAgugguauaacggcuagc..... 1

Gi3_28892890_x1.....uguuuuuacccaguagauccgA.....1
Gi2_11401829_x1.....uccNgugugguauaacggcua.....1
Gi5_9125380_x1.....uAuucacccaguagauccg.....1
Gi5_9060478_x1.....cccaguGgauccggguucgau.....1
Gi4_596154_x1.....uguuuuuacccaguagauccgg.....0
Gi1_4321857_x1.....accaguagauccggguucgauucccU.....1
Gi3_28588923_x1.....guucgauucccggaAcggag.....1
Gi3_28262097_x1.....ccAgugugguauaacggcua.....1
Gi5_8873266_x1.....ggugugguauaGcggcuagc.....1
Gi2_11099263_x1.....gguucgauucccggaucggUg.....1
Gi5_8865448_x1.....uccggguucgauuAccggc.....1
Gi3_28455365_x1.....cggNgugguauaacggcua.....1
Gi1_4275921_x1.....ccggugugguauaCcgcuagca.....1
Gi1_4334220_x1.....ccaguagauccggguucgauuccc.....0
Gi5_9083663_x1.....uccggugugguauUacggcuagca.....1
Gi2_11071267_x1.....gUugugguauaacggcuagcaugacu.....1
Gi3_28612686_x1.....gguAugguauaacggcua.....1
Gi3_28603845_x1.....uccggguucgauuccggc.....0
Gi5_9079429_x1.....guuuAcacccaguagauccg.....1
Gi3_28845316_x1.....accagCagauccggguucgauuccc.....1
Gi2_11286475_x1.....uccgguguCguauaacggcuagc.....1
Gi2_11294359_x1.....ccggugugguauaacAgcuag.....1
Gi1_4198517_x1.....ccggugugguauaCcgcu.....1
Gi1_4228494_x1.....guucgauucccggaucgA.....1
Gi5_8875241_x1.....uccggugugguauaacggcuCgcaugacug.....1
Gi2_11032254_x1.....ccUaguagauccggguucgauuccc.....1
Gi2_11395182_x1.....uccggugugguauaUcggcua.....1
G1a_6004289_x1.....uccgguguggCauaacggcuagca.....1
G1a_6307436_x1.....uccggAgugguauaacgg.....1
Gi5_8881075_x1.....Ucggugugguauaacggcuagca.....1
Gi1_4290324_x1.....uccggugugguauaaAggcu.....1
Gi2_11316339_x1.....gguuuuacccaguagauUgg.....1
Gi3_28582600_x1.....gguAuucacccaguagauccgg.....1
Gi5_8981332_x1.....uccggugugguauaacggcCagcaugacug.....1
Gi1_4239224_x1.....gguuuuacccaguagaAccgg.....1
Gi5_9029912_x1.....gguuuuacUcaguagauc.....1
Gi2_11234138_x1.....gguucgauucccgAcauc.....1
Gi5_9046755_x1.....uccggugAgguauaacggcuagca.....1
Gi1_4175949_x1.....guagauccNgguucgauuccc.....1
Gi3_28747508_x1.....guucgauucccggaucAggagc.....1
Gi3_28312196_x1.....uuucacccaguagGuccg.....1
Gi3_28778653_x1.....cuguuuuuacccaguagauUg.....1
Gi2_11298716_x1.....uguuuuuacccaguGgauccg.....1
Gi3_28601342_x1.....ccggugAgguauaacggcuagc.....1
Gi2_11325719_x1.....gguccggugugguauaacggcuCcau.....1
Gi2_11201603_x1.....ggGucgauucccggaucggagc.....1
Gi5_8884268_x1.....gguuuuacNccaguagaucc.....1

Gi1_4343772_x1.....Auuucacccaguagaucgg..... 1
Gi2_11128572_x1.....uucacccaguagaucUgg..... 1
Gi5_8881740_x1.....ucAggugugguauaacgg..... 1
Gi2_11244409_x1.....guucgauucccggaucgC..... 1
Gi2_11261553_x1.....guGuucacccaguagauc..... 1
Gi2_11247307_x1.....uuuuuaccNaguagauc..... 1
Gi5_8905638_x1.....guuuuaccAaguagaucgg..... 1
Gi1_4305466_x1.....guuuucaGccaguagaucgg..... 1
Gi1_4239745_x1.....cagAagaucggguucgau..... 1
Gi2_11071403_x1.....ugguuuucacccGguagauc..... 1
Gi5_8859196_x1.....Cccggugugguauaacggcua..... 1
G1a_6075066_x1.....Cccggugugguauaacggcua..... 1
Gi1_4366601_x1.....guucgauuccUggcaucggagc..... 1
Gi1_4304795_x1.....caguagaucggguucgauC..... 1
Gi2_11063868_x1.....ggAucgauucccggaucgga..... 1
Gi2_11299309_x1.....gAucgauucccggaucg..... 1
Gi3_28876361_x1.....Uuccggguucgauuccggca..... 1
Gi2_11096854_x1.....uagaucgNguucgauucc..... 1
Gi5_8873760_x1.....guucgauucccggaucggG..... 1
Gi5_9046319_x1.....cgauucGcggcaucggagcucuuu..... 1
Gi2_11141322_x1.....gugugguauaacggcuCgc..... 1
Gi4_613403_x1.....ugguuuucacccaguagaucggA..... 1
Gi2_11238534_x1.....uccggugugguauaacgg..... 1
Gi5_8937277_x1.....gguucgauuAccggcauc..... 1
Gi4_599866_x1.....uccggAgugguauaacggcuag..... 1
Gi1_4366612_x1.....acUcaguagaucggguucgauucc..... 1
Gi2_11108087_x1.....guuuuacccaguagaAccg..... 1
Gi1_4361016_x1.....uuuucaccaguagaucgg..... 1
Gi5_9099002_x1.....Cguccggugugguauaacggc..... 1
Gi5_9034553_x1.....guuuucacAcaguagauc..... 1
Gi3_28653359_x1.....ggGucgauucccggauc..... 1
Gi1_4266503_x1.....uccggugugguauaacgCcuagca..... 1
Gi3_28542275_x1.....guuuuacccaUuagaucgg..... 1
Gi2_11175704_x1.....ccGguagaucggguucgauucc..... 1
Gi2_10997515_x1.....ggAgugguauaacggcuagc..... 1
Gi5_9026824_x1.....agauAccggguucgauucc..... 1
Gi3_28521952_x1.....aguagaucggguCcgauucccggaucgga..... 1
Gi2_11056698_x1.....uAcggugugguauaacggcuagcau..... 1
G1a_6357395_x1.....uccggugugguauaacggA..... 1
Gi5_9047885_x1.....uAguuuuacccaguagaucgg..... 1
Gi5_8888284_x1.....Uggguucgauucccggauc..... 1
Gi5_8962721_x1.....uCucacccaguagaucgg..... 1
Gi3_28986963_x1.....gguuuuUaccaguagauc..... 1
Gi3_28369782_x1.....gguuuucacccaguagaucGgg..... 1
G1a_6168897_x1.....Augguauaacggcuagca..... 1
Gi1_4166820_x1.....uccggguucgauucccgAcaucgg..... 1
Gi2_11074849_x1.....uccggugugguauaacggcCagcaugacu..... 1

Gi5_9029947_x1.....ggugugguGuaacggcuagc..... 1
Gi3_28628067_x1.....uGgauucccggaucggagc..... 1
Gi1_4258617_x1.....gguuuucacccaguagauccU..... 1
Gi3_28704977_x1.....cggguucgauucAcggcaucgga..... 1
Gi3_28705930_x1.....gguucgauucccgUaucggag..... 1
Gi5_9071104_x1.....cggugugguCuaacggcuagc..... 1
G1a_6298572_x1.....guucgauucccggaucAgggagc..... 1
Gi3_28837215_x1.....uccNgugugguauaacggcu..... 1
Gi5_9012522_x1.....uuAcacccaguagauccg..... 1
Gi2_11037338_x1.....uccNgugugguauaacggc..... 1
Gi1_4370985_x1.....caguUgauccggguucgauu..... 1
Gi1_4367297_x1.....gguuuucacccCguagaucgg..... 1
Gi3_28329134_x1.....gguucgauucccggcCucg..... 1
Gi5_9095948_x1.....cggGgugguauaacggcua..... 1
Gi3_28465641_x1.....uucgauucUcggcaucgga..... 1
Gi2_11172094_x1.....uccgguguUguauaacggcuag..... 1
Gi2_11346638_x1.....uccgCugugguauaacggcua..... 1
Gi5_9057462_x1.....ugCgguauaacggcuagc..... 1
Gi2_11333774_x1.....ugugguauaaUggcuagc..... 1
Gi2_11124777_x1.....uccggugugguauaacggAuagca..... 1
Gi3_28727055_x1.....cGggugugguauaacggcuag..... 1
Gi1_4203728_x1.....cccaguagauAcggguucgauucc..... 1
Gi2_11402686_x1.....gguucgaCucccggaucggagc..... 1
Gi2_11171836_x1.....ccggugugguauaacggUuag..... 1
Gi1_4219195_x1.....ccggugugguauCacggcua..... 1
Gi2_11175642_x1.....uuuucacccaguagCuccg..... 1
Gi3_28303367_x1.....uuucacccNguagaucgg..... 1
Gi1_4385402_x1.....uccggugugguauaGcggcu..... 1
Gi1_4307038_x1.....uccgCugugguauaacggcuagca..... 1
Gi2_11009766_x1.....guuuucacccaguagaucggA..... 1
Gi5_8853515_x1.....uccggugugUuauaacggcuagc..... 1
Gi3_28442485_x1.....ccgAugugguauaacggcu..... 1
Gi2_11052261_x1.....gguucgauucccggaucggGgc..... 1
Gi3_28805403_x1.....gguucgauucccggaGc..... 1
Gi5_9030542_x1.....uccggugugguauaacgUcua..... 1
Gi3_28482388_x1.....accaguCgaucggguucgauucc..... 1
Gi2_11114223_x1.....Ggaucggguucgauucc..... 1
Gi4_573591_x1.....uccggugGgguauaacggcuagca..... 1
Gi1_4375661_x1.....ccggugugguauaacggcuagcG..... 1
Gi3_28809554_x1.....gAucgauucccggaucg..... 1
Gi2_11140747_x1.....uccggugugguauaaAgggcuag..... 1
G1a_6097245_x1.....gguucAauucccggaucgg..... 1
Gi3_28948171_x1.....guucgauucUcggcaucggag..... 1
Gi3_28767597_x1.....gauuccggcGucggagc..... 1
Gi1_4372688_x1.....cUguagaucggguucgauu..... 1
Gi3_28968983_x1.....guuuucacccaguagCuccggguucg..... 1
Gi3_28466332_x1.....cAgugugguauaacggcua..... 1

Gi3_10679486_x28316	.....guucgauucccgugaccgc	0
Gi2_2331298_x26781	.....gguucgauucccgugaccgcC	1
Gi3_11135498_x22933	.....guucgauucccgugaccgc	0
Gi3_11495854_x18945	.....guucgauucccgugacc	0
Gi5_3330034_x15390	.....gguucgauucccgugacc	0
Gi3_12109554_x15234	.....guucgauucccgugaccg	0
Gi2_2674577_x14891	.....gguucgauucccgugacc	0
Gi3_12200171_x14863	.....gguucgauucccgugaccgc	0
Gi5_3448945_x14381	.....gguucgauucccgugaccgcC	1
Gi2_2733656_x14266	.....guucgauucccgugaccgcC	1
Gi3_12344733_x14050	.....gguucgauucccgugaccgc	0
Gi5_3504897_x13527	.....guucgauucccgugacc	0
Gi3_12520633_x12901	.....gguucgauucccgugac	0
Gi3_12584466_x12541	.....gcggucauaguacaguggcCagua	1
Gi2_2967480_x11523	.....guucgauucccgugaccgcC	1
Gi5_3693055_x9087	.....guucgauucccgugaccgc	0
Gi2_3168366_x9005	.....guucgauucccgugacc	0
Gi5_3763391_x8268	.....guucgauucccgugaccg	0
Gi3_13526642_x8020	.....gacugucacucacgugaccgg	0
Gi2_3320932_x7976	.....gcggucauaguacaguggcC	1
Gi5_3779721_x7731	.....gguucgauucccgugaccgcC	1
Gi2_3405057_x7351	.....guucgauucccgugaccg	0
Gi1_1787151_x7046	.....ugacugucacucacgugaccgg	0
Gi5_3852057_x6747	.....gacugucacucacgugaccgg	0
Gi2_3524711_x6638	.....guucgauucccgugaccgc	0
Gi1_1846394_x6002	.....gacugucacucacgugaccgg	0
Gi1a_2944208_x5638	.....gcggucauaguacaguggcCagua	1
Gi3_14467341_x5241	.....gcggucauaguacaguggcCagua	1
Gi3_14498663_x5151	.....gacugucacucacgugaccg	0
Gi5_4025138_x4885	.....guucgauucccgugaccgcC	1
Gi5_4053891_x4712	.....gcggucauaguacaguggcuagu	0
Gi3_14743655_x4678	.....gguucgauucccgugaccg	0
Gi2_3802453_x4665	.....gguucgauucccgugaccg	0
Gi3_14762322_x4646	.....gcggucauaguacaguggc	0
Gi2_3879128_x4359	.....gguucgauucccgugac	0
Gi2_3896457_x4271	.....guucgauucccgugaccgc	0
Gi5_4120747_x4189	.....gguucgauucccgugaccgc	0
Gi3_15035452_x4167	.....ugacugucacucacgugaccgg	0
Gi3_15109666_x4067	.....gcggucauaguacagugg	0
Gi3_15186188_x3984	.....Uguucgauucccgugacc	1
Gi2_4003379_x3903	.....gcggucauaguacaguggcCagua	1
Gi2_4068395_x3730	.....gguucgauucccgugaccgc	0
Gi5_4231947_x3714	.....guucgauucccgugaccgcC	1
Gi5_4235661_x3710	.....gguucgauucccgugac	0
Gi2_4083236_x3668	.....gcggucauaguacaguggcCa	1
Gi3_15510213_x3544	.....uucgauucccgugaccgcC	1
Gi5_4304557_x3504	.....gguucgauucccgugaccgc	0

Gi3_15688690_x3320	ucgauucccgugaccgc	0
Gi1_2053144_x3296	guucAauucccgugaccgc	1
Gi5_4403507_x3079	ugacugucacucacgugaccgg	0
Gi3_15942958_x2991	gauucccgugaccgcCc	1
Gi3_15998973_x2911	Uuucgauucccgugaccgc	1
Gi3_16062459_x2853	ucgauucccgugaccgcCc	1
Gi5_4444458_x2828	guucgauucccgugaccgc	0
Gi2_4324640_x2824	gcggucgauaguacaguggc	0
Gi3_16174715_x2760	gcggucgauaguacaguggcCaguau	1
Gi3_16267643_x2699	gUuucgauucccgugacc	1
Gi5_4491141_x2688	gcggucgauaguacaguggcua	0
Gi2_4403234_x2603	gcggucgauaguacaguggcCagu	1
Gi2_4436659_x2536	gguucgauucccgugaccgc	0
Gi3_16426804_x2515	ucgauucccgugaccgc	0
Gi5_4591949_x2345	gcggucgauaguacaguggc	0
Gi3_16662301_x2335	ucgauucccgugaccgcCc	1
Gi3_16724307_x2260	Uuucgauucccgugaccgc	1
Gi3_16922399_x2097	Uuucgauucccgugacc	1
Gi1a_3253411_x2082	gguucgauucccgugacc	0
Gi3_16962104_x2076	cacucacgugaccgggu	0
Gi1_2173842_x2072	gcggucgauaguacaguggcua	0
Gi3_17076367_x1998	uucgauucccgugaccgcCc	1
Gi5_4717655_x1992	gcggucgauaguacaguggcua	0
Gi3_17088314_x1984	gcggucgauaguacaguggcC	1
Gi5_4791852_x1828	gcggucgauaguacaguggcua	0
Gi3_17337803_x1806	uucgauucccgugaccgc	0
Gi5_4804536_x1797	gguucgauucccgugaccgc	0
Gi3_17473962_x1725	ugacugucacucacgugaccgc	0
Gi1a_3343790_x1716	guucgauucccgugaccgcCc	1
Gi1a_3348925_x1703	gguucgauucccgugaccgcCc	1
Gi2_4891579_x1701	Uguucgauucccgugacc	1
Gi5_4855143_x1695	gcggucgauaguacagugg	0
Gi5_4863592_x1680	Uguucgauucccgugacc	1
Gi3_17569124_x1672	Uguucgauucccgugaccgc	1
Gi5_4870289_x1663	gacugucacucacgugaccgc	0
Gi3_17579132_x1661	Uuucgauucccgugaccgc	1
Gi3_17661226_x1617	cgauucccgugaccgcCc	1
Gi3_17685407_x1602	ggguucgauucccgugaccgc	0
Gi3_17773868_x1552	Uguucgauucccgugaccgc	1
Gi3_17815473_x1527	uucgauucccgugaccgc	0
Gi1_2269280_x1498	guucAauucccgugaccgc	1
Gi3_17862385_x1497	cgauucccgugaccgcCc	1
Gi3_17886268_x1488	ggguucgauucccgugacc	0
Gi5_4970391_x1463	Uuucgauucccgugacc	1
Gi3_18011328_x1420	gGucgauucccgugaccgc	1
Gi3_18056520_x1402	ggguucgauucccgugaccgcCc	1
Gi3_18083051_x1392	Uguucgauucccgugacc	1

Gi2_5254444_x1335	.....cacucacgugacccgggu	.....	0
Gi1_2319585_x1331	.....gcggucauaguacagugg	.....	0
Gi3_18240610_x1325	.....cacucacgugacccggguuc	.....	0
Gi2_5353207_x1242	.....gauucccgugaccgC	.....	1
Gi1a_3502249_x1230	.....guucgauucccgugaccgC	.....	1
Gi2_5400851_x1204	.....gacugucacucacgugaccgg	.....	0
Gi5_5120668_x1184	.....gUuucgauucccgugacc	.....	1
Gi2_5454177_x1162	.....gauucccgugaccgC	.....	1
Gi3_18613458_x1153	.....gGucgauucccgugaccgC	.....	1
Gi1_2360148_x1144	.....ugacugucacucacgugaccg	.....	0
Gi3_18642190_x1144	.....gUuucgauucccgugaccgC	.....	1
Gi3_18664999_x1137	.....auucccgugaccgC	.....	1
Gi1_2370323_x1110	.....gacugucacucacgugaccgg	.....	0
Gi2_5521144_x1107	.....gUuucgauucccgugacc	.....	1
Gi1_2373642_x1101	.....gguucgauucccgugaccgC	.....	1
Gi3_18805245_x1077	.....gUuucgauucccgugaccgC	.....	1
Gi1a_3583083_x1041	.....gcggucauaguacaguggcuagu	.....	0
Gi5_5200653_x1036	.....uucgauucccgugaccgC	.....	0
Gi3_18914841_x1032	.....gGucgauucccgugacc	.....	1
Gi3_18919998_x1030	.....Uacugucacucacgugaccgg	.....	1
Gi3_18938486_x1024	.....gcggucauaguacaguggCa	.....	1
Gi2_5668571_x994	.....Uuucgauucccgugacc	.....	1
Gi2_5671552_x992	.....ucgauucccgugaccgC	.....	1
Gi1_2408944_x983	.....guucAuuucccgugacc	.....	1
Gi5_5250653_x972	.....gcggucauaguacaguggcuaguau	.....	0
Gi3_19091568_x968	.....gUuucgauucccgugac	.....	1
Gi3_19149150_x950	.....cacucacgugacccggguucga	.....	0
Gi5_5279217_x927	.....UuucgauucccgugaccgC	.....	1
Gi2_5770405_x921	.....cacucacgugacccggguuc	.....	0
Gi1_2432861_x917	.....acugucacucacgugaccgg	.....	0
Gi5_5300323_x903	.....Uacugucacucacgugaccgg	.....	1
Gi5_5304822_x894	.....Uuucgauucccgugaccg	.....	1
Gi1a_3686658_x853	.....guucgauucccgugacc	.....	0
Gi1_2461933_x848	.....gcggucauaguacaguggcuagua	.....	0
Gi1a_3693438_x842	.....gguucgauucccgugac	.....	0
Gi1_2475285_x820	.....gguucAuuucccgugacc	.....	1
Gi1a_3714880_x812	.....guucgauucccgugaccgC	.....	0
Gi3_19605968_x806	.....gauucccgugaccgC	.....	1
Gi3_19654758_x793	.....Cguucgauucccgugacc	.....	1
Gi2_5995361_x788	.....Uuucgauucccgugaccg	.....	1
Gi1_2505224_x759	.....Uacugucacucacgugaccgg	.....	1
Gi3_19866098_x741	.....gacugucacucacgugacc	.....	0
Gi3_20013890_x701	.....gGucgauucccgugaccg	.....	1
Gi2_6181988_x696	.....UuucgauucccgugaccgC	.....	1
Gi2_6197229_x688	.....uucgauucccgugaccgC	.....	1
Gi3_20082250_x681	.....Uacugucacucacgugaccgg	.....	1
Gi5_5495675_x664	.....gGucgauucccgugacc	.....	1

Gi3_20192000_x659	Ucggucauaguacaguggc	1
G1a_3857627_x639	guucgauucccgugaccg	0
Gi5_5526084_x636	Ucggucauaguacaguggcuagu	1
G1a_3870962_x629	gguucgauucccgugaccgc	0
Gi1_2574846_x617	gguucAauucccgugaccgc	1
Gi2_6435284_x597	ucgauucccgugaccgc	0
Gi2_6466558_x584	gcggucauaguacagugg	0
Gi2_6475288_x581	ucgauucccgugaccgcgCc	1
Gi3_20572034_x580	ggguucgauucccgugaccg	0
Gi1_2598632_x575	uUacugucacucacgugaccgg	1
Gi3_20589930_x575	cgauucccgugaccgcg	0
Gi3_20722604_x549	ggguucgauucccgugaccgc	0
Gi2_6576287_x544	gcggucauaguacaguggcCaguau	1
Gi3_20806130_x535	Ucggucauaguacagugg	1
Gi3_20830641_x531	gacugucacucacgugacc	0
Gi3_20837003_x529	cgguucgauucccgugaccgcgCc	1
Gi2_6674208_x510	ggguucgauucccgugaccgcg	0
Gi2_6702050_x503	Uguucgauucccgugaccgc	1
Gi3_21022793_x494	Uguucgauucccgugaccg	1
Gi2_6742186_x490	gGucgauucccgugacc	1
Gi5_5707154_x488	ucgauucccgugaccgc	0
Gi3_21107506_x481	acgugaccggguucgauucc	0
Gi1_2661028_x474	gcggucauaguacaguggc	0
Gi1_2661502_x473	ucAauucccgugaccgc	1
Gi2_6792247_x473	Uguucgauucccgugac	1
Gi2_6795552_x472	acucacgugaccggguuc	0
Gi5_5732134_x472	Uguucgauucccgugac	1
Gi5_5757303_x461	Uguucgauucccgugaccgc	1
Gi5_5760521_x459	gGucgauucccgugaccgc	1
Gi2_6848735_x455	ggguucgauucccgugaccgcgC	1
Gi2_6851461_x454	Uuucgauucccgugaccgcg	1
Gi2_6859621_x452	ggguucgauucccgugacc	0
Gi3_21293998_x451	Cguucgauucccgugaccgc	1
G1a_4092592_x436	gauucccgugaccgcgC	1
Gi3_21445937_x428	gugaccggguucgauucc	0
Gi3_21465970_x424	gugacugucacucacgugaccgg	0
Gi1_2696460_x423	gcggucauaguacaguggcuagu	0
G1a_4115753_x421	gguucgauucccgugaccg	0
Gi5_5831681_x415	gGucgauucccgugaccg	1
Gi2_7013711_x412	Ucggucauaguacaguggc	1
Gi2_7050798_x402	cgauucccgugaccgcgC	1
Gi3_21633003_x400	acucacgugaccggguu	0
Gi2_7061630_x399	Uguucgauucccgugaccgcg	1
Gi3_21674720_x395	guucgauucccgugaccgcgCcu	1
Gi3_21711988_x390	gugaccggguucgauucc	0
Gi3_21809835_x375	gguucgauucccgugaccgcgAc	1
Gi2_7156816_x374	gGucgauucccgugaccgc	1

Gi5_5898853_x374	.....ggguucgauucccgugacc	0
Gi2_7178398_x370	.....gGucgauucccgugaccg	1
Gi2_7181352_x369	.....cacucacgugaccggguucga	0
Gi5_5909988_x366	Ucggucauaguacaguggcua	1
Gi3_21877150_x365	.....ucacucacgugaccggguucga	0
Gi3_21937399_x356	.....ggguucgauucccgugaccgCgCc	1
Gi5_5933712_x355	.....UguucgauucccgugaccgCg	1
Gi3_21992777_x349	.....gUuucgauucccgugaccg	1
Gi3_22026409_x344	.....uUacugucacucacgugaccgg	1
Gi3_22039440_x342	.....Aguucgauucccgugacc	1
Gi5_5970180_x339	gcggucauaguacaguggcu	0
Gi3_22083851_x336	.....gguucgauNcccggugacc	1
Gi2_7348797_x332	.....gUuucgauucccgugaccgc	1
Gi2_7366952_x328	.....uucgauucccgugaccgc	0
Gi5_6012318_x324	.....Cguucgauucccgugacc	1
Gi3_22216116_x319	.....Aguucgauucccgugaccg	1
Gi3_22230763_x318	.....guucgauucccgugaccgCgC	0
Gi5_6023559_x318	.....gUuucgauucccgugaccgc	1
Gi4_319739_x316	.....gguucgauucccgugaccgCgCc	1
Gi5_6038999_x312	.....UuucgauucccgugaccgCg	1
Gi3_22275813_x312	.....gguucgauucccgugaccgCgUc	1
Gi4_320993_x311	gcggucauaguacaguggcuagua	0
Gi2_7452522_x308	.....ggguucgauucccgugaccgCgCc	1
Gi2_7457142_x307	.....ggguucgauucccgugaccg	0
Gi1_2813131_x304	Ucggucauaguacaguggcua	1
Gi5_6062095_x304	.....gucauaguacaguggcuagu	0
Gi3_22346064_x304	.....acugucacucacgugaccg	0
Gi2_7481563_x303	gcggucauaguacaguggcCag	1
Gi2_7483381_x303	.....gUuucgauucccgugac	1
Gi5_6065431_x302	Ucggucauaguacaguggc	1
Gi3_22383777_x300	.....AuucgauucccgugaccgCg	1
Gi3_22402306_x298	gcggucauaguacaguggcCag	1
Gi5_6076235_x298	.....guucgauucccgugaccgCgCcu	1
Gi2_7522260_x295	.....ugacugucacucacgugaccgg	0
Gi2_7560397_x287	.....gUuucgauucccgugaccgCg	1
Gi3_22540447_x283	.....acugucacucacgugaccgg	0
Gi5_6126624_x282	.....uucgauucccgugaccgc	0
Gi5_6131127_x281	.....gUuucgauucccgugac	1
Gi3_22581156_x278	.....gguucgauucccgugaccgCgCcu	1
Gi2_7619941_x277	.....Uguucgauucccgugaccg	1
Gi1_2851416_x276	gcggucauaguacaguggcuag	0
Gi1_2851967_x275	.....Ggacugucacucacgugaccgg	1
Gi2_7644429_x273	.....cgauucccgugaccgCgCcu	0
Gi1_2856077_x273	.....ggguucgauucccgugaccgCgC	1
Gi3_22672372_x269	.....acgugaccggguucgauucc	0
Gi3_22679097_x269	.....Cgguucgauucccgugacc	1
Gi1_2868179_x266	.....uucAauucccgugaccgc	1

Gi5_6178664_x266	.cggucauaguacaguggcua	0
Gi5_6177866_x266	Ucggucauaguacaguggcuag	1
Gi5_6181055_x265	.uUacugucacucacgugaccgg	1
Gi5_6202837_x260	.gaccggguucgauucc	0
Gi5_6210340_x258	gcggucauaguacaguggcuagA	1
Gi5_6216760_x256	.ggguucgauucccgugaccg	0
Gi2_7762803_x252	.ucacucacgugaccgggu	0
Gi3_22864983_x251	.ucacgugaccggguucgauuc	0
Gi2_7768838_x251	.ggguucgauucccgugaccgc	0
Gi3_22868497_x251	.guucgauucccgugaccA	1
Gi2_7788801_x248	.ucgauucccgugaccgg	0
Gi5_6250186_x247	.cauaguacaguggcuagu	0
Gi5_6251909_x246	.gUuucgauucccgugaccgg	1
Gi3_22946443_x244	.gugacugucacucacgugaccg	0
Gi3_22951323_x244	.cacucacgugaccggguucgauucc	0
Gi1_2912781_x243	.guucgauucccgugaccggCc	1
Gi5_6269947_x241	Ucggucauaguacagugg	1
Gi2_7843328_x239	.gucauaguacaguggcCaguau	1
Gl1a_4486785_x239	.Uguucgauucccgugacc	1
Gi2_7855939_x237	.auucccgugaccggCc	1
Gi5_6292875_x236	.cucacgugaccggguuc	0
Gi1_2929297_x235	gcggucauaguacaguggcuaguau	0
Gi1_2933506_x232	.uucAauucccgugaccg	1
Gi5_6321021_x229	.gauucccgugaccggCc	1
Gi3_23146949_x228	.acugucacucacgugaccgggu	0
Gi2_7925162_x227	.cgauucccgugaccgg	0
Gi3_23176813_x225	.cauaguacaguggcCagu	1
Gi3_23178613_x225	.ggguucgauucccgCgacc	1
Gi5_6351713_x223	Ucggucauaguacaguggcuagua	1
Gi2_7963687_x222	.uucgauucccgugaccgg	0
Gi3_23235434_x221	.auaguacaguggcCagua	1
Gi3_23238086_x221	.cacucacgugaccggguu	0
Gi1_2961568_x220	.ggguucgauucccgugaccg	0
Gi3_23311840_x215	.guucgauucccgCgaccgc	1
Gl1a_4555086_x215	gcggucauaguacaguggcuagua	0
Gi4_350183_x213	.cucacgugaccggguucgauuc	0
Gi1_2978456_x213	.cacucacgugaccggguucA	1
Gi5_6412557_x212	.Uacugucacucacgugaccg	1
Gi3_23370340_x211	.Cgguucgauucccgugaccgg	1
Gi3_23400331_x209	.gaccggguucgauucc	0
Gi5_6428132_x209	.acugucacucacgugaccgggu	0
Gi3_23412611_x208	.ugacugucacucacgugacc	0
Gi2_8079884_x207	.cgguucgauucccgugacc	0
Gi5_6438132_x207	.acgugaccggguucgauucc	0
Gi3_23450765_x205	.ucacgugaccggguucga	0
Gi3_23462618_x204	.cacucacgugaccggguucgauu	0
Gi3_23479079_x203	.cacgugaccggguucgauucc	0

Gi5_6465769_x202.....	auaguacaguggcuagua.....	0
Gi1_3019257_x198.....	cacucacgugacccggguu.....	0
Gi2_8159475_x197.....	cggucauaguacaguggcCagua.....	1
Gi5_6495916_x197.....	gguucgauuUccggugaccgc.....	1
Gi2_8185236_x194.....	gGucgauucccgugaccgcg.....	1
Gi4_360392_x194.....	gcggucauaguacaguggcuagu.....	0
Gi1_3028663_x194.....	ucacucacgugacccggguuc.....	0
Gi3_23648137_x191.....	Auucgauucccgugaccgc.....	1
Gi1a_4632418_x191.....	uucgauucccgugaccgc.....	0
Gi2_8219508_x190.....	cgauucccgugaccgC.....	1
Gi2_8229716_x189.....	cgugacccggguucgauuc.....	0
Gi3_23686821_x188.....	cccgguucgauucccgugac.....	0
Gi3_23714756_x187.....	gucauaguacaguggcCaguau.....	1
Gi3_23705780_x187.....	Ugguucgauucccgugaccgcg.....	1
Gi5_6565386_x186.....	cccgguucgauucccgugacc.....	0
Gi2_8248264_x186.....	cauaguacaguggcCagu.....	1
Gi3_23730016_x186.....	cggucauaguacaguggcCagua.....	1
Gi5_6570949_x185.....	cacucacgugacccggguuc.....	0
Gi3_23742041_x184.....	cucacgugacccggguucgauu.....	0
Gi2_8283694_x182.....	auaguacaguggcCaguau.....	1
Gi3_23825817_x179.....	guucgaCucccgugaccgcg.....	1
Gi3_23819373_x179.....	auucccgugaccgCgcuu.....	0
Gi5_6631373_x177.....	cggucauaguacaguggcuagu.....	0
Gi3_23880377_x175.....	ucacgugacccgguucgauucc.....	0
Gi1_3084832_x175.....	gguucgauucccgugaccgCcu.....	1
Gi3_23901162_x174.....	cauaguacaguggcCaguau.....	1
Gi3_23908818_x174.....	guucgaCucccgugaccgc.....	1
Gi1_3094388_x172.....	gguucAauucccgugaccg.....	1
Gi3_23944030_x171.....	gacugucacucacgugacUc.....	1
Gi2_8388878_x170.....	cauaguacaguggcCaguau.....	1
Gi5_6692452_x169.....	Uguucgauucccgugaccg.....	1
Gi3_24004093_x168.....	guucgauuNccggugaccgc.....	1
Gi1a_4707396_x167.....	Ucggucauaguacaguggcuagu.....	1
Gi1_3110145_x167.....	gcggucauaguacaguggcu.....	0
Gi1_3119770_x165.....	gcggucauaguacaguggcCa.....	1
Gi2_8442881_x164.....	Uacugucacucacgugacccg.....	1
Gi2_8449277_x164.....	Aguucgauucccgugacc.....	1
Gi1_3120921_x164.....	Ucggucauaguacagugg.....	1
Gi3_24059559_x164.....	gugacugucacucacguga.....	0
Gi3_24064315_x164.....	cgugacugucacucacgugacc.....	0
Gi3_24070383_x164.....	Ggacugucacucacgugacccg.....	1
Gi5_6745028_x162.....	guucgauucccgugaccgCgcuu.....	0
Gi3_24096236_x162.....	uucccgugaccgCgcuuA.....	1
Gi5_6747928_x161.....	acgugacccggguucgauucccgugacc.....	0
Gi3_24151134_x158.....	cccgugaccgCgcuu.....	0
Gi5_6777401_x158.....	gGucgauucccgugaccgcg.....	1
Gi1_3148759_x157.....	gacugucacucacgugacc.....	0

Gi2_8526820_x156.....	gUuucgauucccgugaccg.....	1
Gi3_24200317_x155.....	cgugaccggguucgauuccc.....	0
Gi5_6794617_x155.....	cccgguucgauucccgugac.....	0
Gi3_24223793_x154.....	gCucgauucccgugaccgc.....	1
Gi1a_4748563_x154.....	gcggucauaguacaguggcua.....	0
Gi3_24213475_x154.....	acucacgugaccggguucgauu.....	0
Gi3_24249908_x152.....	gacugucacucacgugaccggguuc.....	0
Gi3_24244284_x152.....	Aguucgauucccgugaccgc.....	1
Gi5_6828458_x151.....	gucauaguacaguggcuag.....	0
Gi1a_4761107_x151.....	ggguucgauucccgugaccg.....	0
Gi3_24276208_x150.....	gguucgauucccgugacc.....	1
Gi3_24308898_x148.....	gguucgaCucccgugacc.....	1
Gi5_6854471_x148.....	gguucgauNcccgugacc.....	1
Gi3_24306678_x148.....	Ugguucgauucccgugacc.....	1
Gi3_24348308_x146.....	guucgauucccgugaccgc.....	1
Gi3_24356895_x145.....	guucgauucccgCgacc.....	1
Gi3_24363855_x145.....	gguucgauucccgugacc.....	1
Gi5_6878828_x145.....	acugucacucacgugaccgg.....	0
Gi1_3199201_x144.....	guucAuuucccgugaccg.....	1
Gi3_24384483_x144.....	gguucgauucccgugaccgU.....	1
Gi2_8669149_x142.....	gguucgauucccgugaccggcu.....	0
Gi3_24409641_x142.....	cggucauaguacaguggcC.....	1
Gi2_8673835_x142.....	gacugucacucacgugacc.....	0
Gi5_6912781_x141.....	cauaguacaguggcuaguau.....	0
Gi3_24433557_x141.....	gucauaguacaguggcCagu.....	1
Gi5_6912640_x141.....	acugucacucacgugaccggguuc.....	0
Gi3_24462389_x139.....	guucgaCucccgugacc.....	1
Gi3_24482621_x138.....	gugaccggguucgauuc.....	0
Gi3_24485933_x138.....	ggCucgauucccgugacc.....	1
Gi2_8705865_x138.....	cgugacugucacucacgugacc.....	0
Gi3_24508707_x137.....	gguucgauucccgugaccgGA.....	1
Gi3_24504460_x137.....	cacucacgugaccggguucgauuc.....	0
Gi5_6949672_x137.....	uucgauucccgugaccg.....	0
Gi3_24527184_x135.....	gugacugucacucacgugacc.....	0
Gi3_24550472_x134.....	gacugucacucacgugaccgg.....	0
Gi5_6979336_x134.....	gguucgauucccgugaccgCcu.....	1
Gi5_6981466_x133.....	ggguucgauucccgugaccgC.....	1
Gi2_8768317_x133.....	gugacugucacucacgugaccg.....	0
Gi5_6995775_x132.....	gugaccggguucgauucc.....	0
Gi5_7005601_x131.....	gUuucgauucccgugaccg.....	1
Gi3_24601663_x131.....	augcgugacugucacucacgugacc.....	0
Gi3_24611226_x131.....	gguucgauNcccgugaccg.....	1
Gi3_24624115_x130.....	gugacugucacucacgugacc.....	0
Gi1_3259760_x130.....	gcggucauaguacaguggcCaguau.....	1
Gi5_7026173_x128.....	guucgauucccgugaccgCgcuA.....	1
Gi5_7030653_x128.....	ggguucgauucccgugaccgc.....	0
Gi1a_4852335_x127.....	guucgauucccgugaccg.....	0

Gi3_24675089_x127.....	.Gcgauucccgugaccgc.....	1
Gi3_24696550_x126.....	.Aguucgauucccgugaccgc.....	1
Gi2_8837808_x126.....	.gguucgauNcccgugacc.....	1
Gi3_24696802_x126.....	.gugacugucacucacgug.....	0
Gi1_3281719_x125.....	.ucauaguacaguggcuagua.....	0
Gi3_24712428_x125.....	.cugucacucacgugaccgggu.....	0
Gi3_24703678_x125.....	.gguucgauNcccgugaccgc.....	1
Gi5_7057093_x125.....	.Aguucgauucccgugacc.....	1
Gi1_3286463_x124.....	.gguucgauucccgugacc.....	0
Gi3_24723482_x124.....	.Aguucgauucccgugacc.....	1
Gi3_24720010_x124.....	.cugucacucacgugaccgg.....	0
Gi1_3288323_x124.....	.Uacugucacucacgugaccgc.....	1
Gi3_24757785_x122.....	.guucgauNcccgugacc.....	1
Gi3_24755467_x122.....	.gCucgauucccgugaccgc.....	1
Gi3_24756199_x122.....	.ucauaguacaguggcCagu.....	1
Gi1_3298622_x121.....	.Ucggucauaguacaguggcuagua.....	1
Gi3_24772594_x121.....	.gucauaguacaguggcCagua.....	1
Gi5_7107583_x120.....	.Ggacugucacucacgugaccgg.....	1
Gi2_8909586_x120.....	.gguucgauucccgugaccgcGc.....	1
Gi3_24784166_x120.....	.gUguucgauucccgugaccgc.....	1
Gi2_8921427_x119.....	.Aguucgauucccgugacc.....	1
Gi4_405473_x119.....	.guucgauucccgugacc.....	0
Gi5_7125233_x118.....	.Ucggucauaguacaguggcuagua.....	1
Gi5_7132067_x117.....	.ccggguucgauucccgugacc.....	0
Gi3_24845034_x117.....	.guucgauucccgugaccggcuuu.....	0
Gi3_24845502_x117.....	.gUguucgauucccgugacc.....	1
Gi3_24848185_x116.....	.guucAauucccgugaccgc.....	1
Gi1_3320490_x116.....	.gugaccggguucAauucc.....	1
Gi4_407694_x115.....	.gcggucauaguacaguggc.....	0
Gi3_24874205_x115.....	.gcggucauaguacaguggA.....	1
Gl1a_4894099_x115.....	.uucgauucccgugaccgcCc.....	1
Gl1a_4894329_x115.....	.ucgauucccgugaccgc.....	0
Gi3_24894135_x114.....	.gguucgGuucccgugacc.....	1
Gi1_3332220_x114.....	.cauaguacaguggcuagu.....	0
Gi3_24898467_x114.....	.guucgauucccgGgaccgc.....	1
Gi2_8986210_x114.....	.cacucacgugaccggguucgauucc.....	0
Gl1a_4897890_x114.....	.gucauaguacaguggcuag.....	0
Gi1_3337198_x113.....	.gcggucauaguacaguggcuagA.....	1
Gi1_3337085_x113.....	.acucacgugaccggguucAauucc.....	1
Gi3_24907060_x113.....	.Cuucgauucccgugaccgc.....	1
Gi3_24926546_x112.....	.gugacugucacucacgugacc.....	0
Gi3_24924530_x112.....	.cgauucccgugaccgcggcuuu.....	0
Gi5_7191725_x111.....	.gacugucacucacgugaccgggu.....	0
Gi3_24952270_x111.....	.uUacugucacucacgugaccgc.....	1
Gl1a_4914320_x111.....	.gUuucgauucccgugacc.....	1
Gi3_24976866_x109.....	.guucgauucccgugGccgc.....	1
Gi3_24973923_x109.....	.gguucgauCcccgugacc.....	1

Gi4_411819_x108.....	.....gguucgauucccgugacc.....	0
Gi5_7222973_x108.....	.....cggucgauuacaguggcuagua.....	0
Gi3_24994155_x108.....	.....ucacucacgugaccggguuc.....	0
Gi3_24996531_x108.....	.....cggucgauuacaguggcCagu.....	1
Gi3_25016297_x107.....	.....guucgaCucccgugaccg.....	1
Gi3_25028118_x106.....	.....ggguucgauucccgugac.....	0
Gi3_25023136_x106.....	.....gguucgauNcccgugac.....	1
Gi5_7240286_x106.....	.....guucgauucccgugaccgcgcu.....	0
Gi3_25022394_x106.....	.....guucAauucccgugacc.....	1
Gi3_25028330_x106.....	.....gaUugucacucacgugaccgg.....	1
Gi4_414065_x106.....	.....gacugucacucacgugaccgg.....	0
Gi2_9088767_x105.....	.....cggguucgauucccgugaccgc.....	0
Gi2_9092232_x105.....	.....ucacgugaccggguucgauucc.....	0
Gi3_25052596_x105.....	.....Auucgauucccgugacc.....	1
Gi3_25053961_x105.....	.....gCuucgauucccgugacc.....	1
Gi3_25043671_x105.....	.....guucgGuucccgugaccgcg.....	1
Gi3_25055536_x105.....	.....Gcgauucccgugaccgcg.....	1
Gi5_7258681_x104.....	.....guucgauucccgugaccgcgCA.....	1
Gi2_9108197_x104.....	.....gguucgauucccgugaccgcgUc.....	1
Gi3_25060653_x104.....	.....Uacugucacucacgugacc.....	1
Gi1a_4944972_x104.....	.....gcggucgauuacaguggcuaguau.....	0
Gi3_25107683_x102.....	.....guucgGuucccgugaccgc.....	1
Gi5_7285342_x102.....	.....cggguucgauucccgugacc.....	0
Gi3_25113293_x102.....	.....gguucgauucccgugacUc.....	1
Gi1_3384875_x102.....	.....guucgauucccgugaccgc.....	0
Gi3_25106765_x102.....	.....acucacgugaccggguucgauucc.....	0
Gi1_3387220_x101.....	.....cugucacucacgugaccgg.....	0
Gi3_25131201_x101.....	.....guucgauNcccgugaccgcg.....	1
Gi1_3387321_x101.....	.....ugacugucNcucacgugaccgg.....	1
Gi3_25132312_x101.....	.....gguucgaCucccgugaccgc.....	1
Gi2_9176836_x98.....	.....acucacgugaccggguucga.....	0
Gi3_25179007_x98.....	.....guucgauucccgugGccg.....	1
Gi5_7320260_x98.....	.....guucgaCucccgugacc.....	1
Gi3_25188473_x97.....	.....gguCcgauucccgugacc.....	1
Gi5_7346734_x96.....	.....cacgugaccggguucgauuc.....	0
Gi3_25206160_x96.....	.....accggguucgauucccgugacc.....	0
Gi2_9195161_x96.....	.....cgauucccgugaccgcgguuu.....	0
Gi3_25217584_x96.....	.....Acggucgauuacaguggc.....	1
Gi3_25214800_x96.....	.....gAuucgauucccgugacc.....	1
Gi5_7374101_x93.....	.....gguucgauucccgCgacc.....	1
Gi3_25266907_x93.....	.....guucgauucccgCgaccg.....	1
Gi2_9234487_x93.....	.....gguucgauucccgCgacc.....	1
Gi2_9246660_x92.....	.....Ucggucgauuacagugg.....	1
Gi3_25275815_x92.....	.....gCuucgauucccgugaccg.....	1
Gi5_7387896_x92.....	.....cggguucgauucccgugac.....	0
Gi3_25297567_x91.....	.....gCuucgauucccgugacc.....	1
Gi1_3441033_x91.....	.....uUacugucacucacgugaccg.....	1

Gi3_25302845_x91	Ugguucgauucccgugaccg	1
Gi3_25295929_x91	ggGucgauucccgugacc	1
Gi3_25303027_x91	guucgauucccgugGcc	1
Gi3_25310213_x90	Auucgauucccgugaccg	1
G1a_5011979_x90	acugucacucacgugaccgg	0
G1a_5016725_x89	Uguucgauucccgugac	1
Gi3_25329091_x89	guucgauucccgugaccgA	1
Gi2_9281840_x89	ggguucgauucccguga	0
Gi5_7416291_x89	gguucgauucccgugGcc	1
Gi3_25346256_x88	cucacgugaccggguucgauucc	0
Gi5_7429330_x88	gugacugucacucacgugacc	0
Gi5_7427306_x88	Auucgauucccgugacc	1
Gi3_25360248_x88	ugacugucacucacgugacc	0
Gi3_25357784_x88	guucgauCcccgugaccgc	1
Gi3_25354704_x88	guCcgauucccgugaccgc	1
Gi1_3458827_x87	gucauaguacaguggcuagua	0
Gi5_7443514_x87	ucacgugaccggguucgauucc	0
Gi3_25372971_x87	Cuucgauucccgugacc	1
Gi2_9310066_x86	ggguucgauucccgugac	0
Gi1_3465067_x86	guucgauucccgugacc	0
Gi1_3467389_x86	cacucacgugaccggguucgauuccU	1
Gi2_9322054_x85	guucgaCucccgugaccg	1
Gi3_25400932_x85	Cuucgauucccgugaccgcg	1
Gi3_25399572_x85	gguucgauucccgugaccgcgcuuu	0
Gi5_7464095_x85	ggguucgauucccguga	0
Gi3_25411727_x85	ggcCaguaugcgugacuguca	1
Gi5_7493906_x83	gGcugucacucacgugaccgg	1
Gi1_3484477_x82	gugacugucacucacgugacc	0
Gi5_7505000_x82	gaUugucacucacgugaccgg	1
Gi1_3487675_x82	guucgauucccgugaccg	0
Gi3_25453169_x82	cgauucccgugaccgcgcuuA	1
Gi1_3483575_x82	gGcugucacucacgugaccgg	1
Gi2_9358606_x82	gguucgauCcccgugacc	1
Gi3_25465223_x82	gguucgauCcccgugaccgcg	1
G1a_5056910_x81	Uuucgauucccgugaccgc	1
Gi4_437546_x81	gcggucauaguacaguggcuaguau	0
Gi3_25475276_x81	gguucgauucccgugaAc	1
Gi3_25481351_x81	gGcugucacucacgugaccgg	1
Gi3_25481270_x81	gacugucaNucacgugaccgg	1
G1a_5059178_x81	cacucacgugaccgggu	0
Gi3_25482890_x81	gguucgauucccgCgaccgc	1
Gi1_3495021_x80	ucacgugaccggguucAauucc	1
Gi3_25488456_x80	Aacugucacucacgugaccgg	1
Gi3_25490696_x80	gguucgauuccAgugacc	1
Gi3_25507925_x79	guucgauNcccgugaccg	1
Gi1_3500985_x79	acugucacucacgugaccggguuc	0
G1a_5069071_x79	Uuucgauucccgugacc	1

Gi3_25507293_x79.....	guucgauucccgugaccgGc.....	1
Gi3_25505002_x79.....	gGggucauaguacaguggc.....	1
Gi3_25510295_x79.....	guCcgauucccgugaccgG.....	1
Gi3_25509347_x79.....	ggucgauucccgugacc.....	1
Gi2_9399099_x78.....	guucgauucccgugaccgGc.....	1
Gi2_9421340_x77.....	cucacgugaccggguucgauucc.....	0
Gi3_25555516_x77.....	ggucgauuccUggugacc.....	1
Gi4_441432_x77.....	guucgauucccgugaccG.....	0
Gi2_9417490_x77.....	ugacugucacucacguga.....	0
Gi2_9424565_x76.....	ggCucgauucccgugacc.....	1
Gi3_25562098_x76.....	GucgauucccgugaccGc.....	1
G1a_5082232_x76.....	UuucgauucccgugaccG.....	1
Gi3_25565290_x76.....	GgacugucacucacgugaccG.....	1
Gi3_25559742_x76.....	guCcgauucccgugacc.....	1
Gi3_25578510_x75.....	guucgauucccgugaccgGcA.....	1
Gi5_7584796_x75.....	gacugucacucacGaccgg.....	1
Gi5_7584346_x75.....	gugacugucacucacgugaccggG.....	1
G1a_5088361_x75.....	UguucgauucccgugaccGc.....	1
Gi2_9438682_x75.....	ggucgauucccgugacc.....	1
Gi3_25615623_x74.....	ggguucgauucccguga.....	0
Gi5_7598121_x73.....	AuucgauucccgugaccGc.....	1
Gi2_9462807_x73.....	ggucgauucccgugacc.....	1
Gi1_3531890_x72.....	Ucggucaguacaguggcagu.....	1
Gi2_9472799_x72.....	guucgaCucccgugacc.....	1
Gi5_7619276_x71.....	gCucgauucccgugacc.....	1
Gi3_25663659_x71.....	ggAucgauucccgugacc.....	1
Gi5_7637448_x70.....	ugacugucacucacgugaccG.....	0
Gi3_25687300_x70.....	ggCucgauucccgugacc.....	1
Gi3_25687790_x70.....	ggCucgauucccgugaccGc.....	1
Gi5_7635698_x70.....	cugucacucacgugaccG.....	0
G1a_5118292_x70.....	ucacgugaccggguucgauucc.....	0
Gi2_9505101_x70.....	Auucgauucccgugacc.....	1
Gi5_7636398_x70.....	cgugaccggguucgauuccG.....	0
Gi2_9512573_x69.....	ggucaguacaguggcCagu.....	1
Gi2_9520404_x68.....	gugacugucacucacgugacc.....	0
Gi3_25717851_x68.....	CguucgauucccgugaccGc.....	1
Gi4_450572_x68.....	acucacgugaccggguucg.....	0
Gi3_25718531_x68.....	guucUauucccgugaccGc.....	1
Gi3_25720843_x68.....	Uacugucacucacgugacc.....	1
Gi3_25708671_x68.....	guucAauucccgugaccGc.....	1
Gi1_3554473_x67.....	ggucAauucccgugacc.....	1
Gi3_25740702_x67.....	guuUgauucccgugaccGc.....	1
Gi3_25743717_x67.....	gguuUgauucccgugacc.....	1
Gi3_25750945_x66.....	ggCucgauucccgugaccGc.....	1
G1a_5140303_x66.....	gUuucgauucccgugacc.....	1
Gi3_25752001_x66.....	ggucgGuucccgugaccGc.....	1
Gi2_9549359_x66.....	ggucgauucccgugaccGcA.....	1

Gi3_25751011_x66	.....gacugucacCcacgugacccgg	.....	1
Gi5_7688818_x66	.....guucgauucccgCgacc	.....	1
Gi5_7679776_x66	.....gguucgauucccgugCcc	.....	1
Gi2_9556289_x66	.....gucauaguacaguggcCagu	.....	1
Gi5_7704606_x65	.....gCucgauucccgugaccgc	.....	1
Gi3_25768257_x65	.....guucgauCcccgugaccg	.....	1
Gi3_25768322_x65	.....guucgauuccAgugaccgc	.....	1
Gi5_7697846_x65	.....gucauaguacaguggcuagA	.....	1
Gi2_9559611_x65	.....Cguucgauucccgugacc	.....	1
Gi5_7699341_x65	.....ucacucacgugacccgguucgauuc	.....	0
Gi1_3571432_x64	.....guucgauucccgugaccgC	.....	1
Gi3_25782875_x64	.....Gucgauucccgugaccg	.....	1
Gi5_7713957_x64	.....guucgauuNccggugacc	.....	1
Gi3_25789723_x64	.....guucgGuucccgugaccg	.....	1
Gi3_25790619_x64	.....guucgauuccgUugacc	.....	1
Gi3_25788059_x64	.....gguucgauucccgugacA	.....	1
Gi5_7716765_x63	.....guucAauucccgugacc	.....	1
Gi5_7716702_x63	.....Aacugucacucacgugacccgg	.....	1
Gi1_3578407_x63	Ucggucauaguacaguggc	.....	1
Gi3_25809825_x63	.....guucgauucccgugaccAc	.....	1
Gi3_25818582_x63	.....gguucgauucccgugGc	.....	1
Gi3_25814172_x63	gaUugucacucacgugacccg	.....	1
Gi2_9594477_x62	.....ucacucacgugacccgguucgauuc	.....	0
Gi2_9604955_x62	.....Uggguucgauucccgugacc	.....	1
Gi5_7736614_x62	.....gguucgauucccgugaA	.....	1
Gi3_25834425_x62	.....gguucAauucccgugacc	.....	1
Gi1_3583075_x62	.....cacucacgugacccgguucAau	.....	1
Gi3_25822521_x62	.....gguucgaCucccgugac	.....	1
Gi3_25833123_x62	.....gguucgauucccgugCc	.....	1
Gi3_25828039_x62	gGggucauaguacagugg	.....	1
Gi3_25839013_x62	gGcugucacucacgugacccg	.....	1
Gi3_25836223_x62	.....gguucgauucccgCgac	.....	1
Gi5_7741682_x61	gugcggucauaguacaguggcuagua	.....	0
Gl1a_5176924_x61	gcggucauaguacaguggcu	.....	0
Gi3_25843507_x61	.....guucgauuccUggugaccgc	.....	1
Gi3_25853938_x61	.....guucgGuucccgugacc	.....	1
Gl1a_5173874_x61	gcggucauaguacaguggcuag	.....	0
Gi1_3590176_x61	.....guucgauucccgugaccgCcu	.....	1
Gi5_7762996_x60	gacugucacCcacgugacccgg	.....	1
Gi1_3590600_x60	ggucauaguacaguggcua	.....	0
Gi1_3591140_x60	gucauaguacaguggcuagu	.....	0
Gi3_25885443_x59	gacugucGcucacgugacccgg	.....	1
Gi3_25886446_x59	gguucgauucccgCgaccg	.....	1
Gi5_7772071_x59	.....cacucacgugacccgguucgau	.....	0
Gi3_25893644_x59	gguucgaCucccgugaccg	.....	1
Gl1a_5188433_x59	.....gauucccgugaccgCcc	.....	1
Gi5_7771717_x59	guucgauucccgugGccg	.....	1

Gi2_9634380_x59.....	gguucgauucccgugGccgc.....	1
Gi2_9630958_x59.....	guucgauuNccggugacc.....	1
Gi3_25902900_x58.....	guucUauucccgugacc.....	1
Gi1_3603112_x58.....	gguucgauucccgugaccgc.....	0
Gi1_3601778_x58.....	.Aacugucacucacgugaccgg.....	1
Gi3_25901624_x58.....	.....acucacgugaccggguucgauucccgA.....	1
Gi5_7784181_x58.....	.....guucgauucccgugGcc.....	1
Gi3_25936615_x57.....	.....guuUgauucccgugaccg.....	1
Gi5_7797169_x57.....	.....gguucgaCucccgugacc.....	1
Gi3_25926412_x57.....	.....gguCcgauucccgugaccgc.....	1
Gi3_25918945_x57.....	.....Ugguucgauucccgugaccgc.....	1
Gi3_25932853_x57.....	.....guucgauucccgugaccgcgU.....	1
Gi4_462186_x57.....	.....gcggucauaguacaguggcuag.....	0
Gi1_3608294_x57.....	.....gugacugucacucacgugaccgg.....	0
Gi5_7792609_x57.....	.....gguucgauCcccgugacc.....	1
Gi5_7790386_x57.....	.....gacugucacucacgugGcccgg.....	1
Gi3_25940038_x56.....	.....gguucgauucccgugaccgcggc.....	0
Gi1_3614914_x56.....	.....gacugucacucacgugaccggguucA.....	1
Gi2_9673878_x56.....	.....gCucgauucccgugacc.....	1
Gi5_7813552_x56.....	.....gGggucauaguacaguggcuagu.....	1
Gi2_9672870_x56.....	.....gguucgauucccgugGcc.....	1
Gi3_25951350_x56.....	.....gguucgGuucccgugaccgc.....	1
Gi2_9675166_x56.....	.....gguucgauNcccgugaccgc.....	1
Gi1_3612338_x56.....	.....gacugucacucacgugGcccgg.....	1
Gi5_7805096_x56.....	.....ggGucgauucccgugacc.....	1
Gi3_25950454_x56.....	.....ugacugucNcucacgugaccgg.....	1
Gi3_25968625_x55.....	.....gacugucacCcacgugacc.....	1
Gi3_25972970_x55.....	.....gguucgauucccgugGccgc.....	1
Gi5_7818529_x55.....	.....gCucgauucccgugaccg.....	1
Gi3_25962190_x55.....	.....Cuucgauucccgugaccg.....	1
Gi3_25965325_x55.....	.....gguucgauucccgugacU.....	1
Gi1_3618323_x55.....	.....gacugucacCcacgugaccgg.....	1
Gi2_9680331_x55.....	.....guucgauucccgGcacc.....	1
Gi3_25963290_x55.....	.....gAuucgauucccgugaccgcg.....	1
Gi5_7818969_x55.....	.....ucgauucccgugacUgc.....	1
Gi5_7822544_x55.....	.....guucgaCucccgugaccg.....	1
Gi3_25990272_x54.....	.....Uugacugucacucacgugaccgg.....	1
Gi3_25979742_x54.....	.....guucgauucccgugaccgcA.....	1
Gi1_3623754_x54.....	.....ugacugucacucacgugGcccgg.....	1
Gi5_7841956_x53.....	.....gcggucauaguacaguggA.....	1
Gi5_7850065_x53.....	.....ggCucgauucccgugacc.....	1
Gi3_26014723_x53.....	.....uGcgauucccgugaccgcg.....	1
Gi3_25997180_x53.....	.....gguucgCuucccgugacc.....	1
Gi5_7843175_x53.....	.....gacugCcacucacgugaccgg.....	1
Gi2_9726498_x52.....	.....gguucgaCucccgugacc.....	1
Gi2_9716254_x52.....	.....guucgauucccgugGcc.....	1
Gi2_9722754_x52.....	.....Aguucgauucccgugaccgc.....	1

Gi5_7851231_x52.....	Acggucauaguacaguggcuagu.....	.....	1
Gi1_3636818_x52.....	Ggacugucacucacgugaccgg.....	.....	1
Gi5_7866097_x51.....	.....	gguCcgauucccgugacc.....	1
Gi3_26038381_x51.....	.....	gguucgauuUccggugacc.....	1
Gi3_26049346_x51.....	.....	guuUgauucccgugaccgcg.....	1
Gi2_9731596_x51.....	.....	gguCcgauucccgugacc.....	1
Gi3_26077786_x50.....	.....	gguucAauucccgugaccgcg.....	1
Gi3_26075186_x50.....	.....	guucgauucccgugaAcg.....	1
Gi2_9741945_x50.....	gGggucauaguacaguggc.....	.....	1
Gi3_26068736_x50.....	.....	guucgauucccgugacUgc.....	1
Gi5_7884636_x50.....	.....	gguucgauucccgugaccgcgA.....	1
Gi3_26068686_x50.....	.....	guGcgauucccgugaccgc.....	1
Gi2_9749145_x50.....	.....	gguucgauucccgugaUc.....	1
Gi3_26070436_x50.....	.....	guucgauucccgugaAcgc.....	1
G1a_5249881_x50.....	.....	gUuucgauucccgugaccgc.....	1
Gi5_7885886_x50.....	.....	guucgauucccgGcaccgc.....	1
Gi2_9744945_x50.....	.....	Auucgauucccgugaccgc.....	1
Gi2_9752295_x50.....	.....	gguucgauuccAgugacc.....	1
Gi5_7899022_x49.....	.....	guCcgauucccgugacc.....	1
Gi3_26087994_x49.....	.....	guGcgauucccgugaccgcg.....	1
Gi3_26095442_x49.....	.....	guucgauucccgugaccgAg.....	1
Gi5_7896425_x49.....	.....	guucgGuucccgugaccgc.....	1
Gi5_7900296_x49.....	.....	gguucgGuucccgugacc.....	1
Gi3_26095099_x49.....	.....	guucUauucccgugaccgcg.....	1
Gi3_26094266_x49.....	.....	guAcgauucccgugaccgc.....	1
Gi3_26083633_x49.....	Acggucauaguacagugg.....	.....	1
Gi3_26093041_x49.....	.....	Cguucgauucccgugac.....	1
Gi2_9768653_x48.....	.....	ggGucgauucccgugacc.....	1
Gi3_26113616_x48.....	.....	gguCcgauucccgugac.....	1
Gi5_7907360_x48.....	.....	guucgauucccgugGccgc.....	1
Gi3_26113376_x48.....	gacugucaNucacgugaccgg.....	.....	1
Gi1_3655769_x48.....	ggucauaguacaguggcuagua.....	.....	0
Gi3_26101136_x48.....	.....	guucgauucccgugaUcgc.....	1
Gi1_3658841_x48.....	.....	Cacugucacucacgugaccgg.....	1
Gi3_26112848_x48.....	.....	guucgauuccUggugaccgcg.....	1
Gi2_9780317_x48.....	.....	Uggauucgauucccgugaccgcg.....	1
Gi5_7919347_x47.....	.....	Cuucgauucccgugacc.....	1
Gi3_26131819_x47.....	.....	guuUgauucccgugacc.....	1
Gi3_26130221_x47.....	.....	gguucgauucccgAugacc.....	1
Gi3_26117719_x47.....	.....	uGgauucccgugaccgc.....	1
Gi3_26126461_x47.....	gcggucauNguacagugg.....	.....	1
Gi2_9790965_x47.....	.....	ugacugucacucacgugaccgg.....	0
Gi3_26124675_x47.....	.....	gUguucgauucccgugaccgc.....	1
Gi3_26125474_x47.....	.....	gguucgauCcccggugaccgc.....	1
G1a_5271960_x47.....	.....	gGucgauucccgugacc.....	1
Gi1_3659641_x47.....	.....	ugUcugucacucacgugaccgg.....	1
Gi2_9794866_x47.....	.....	gguucgaCuucccgugaccgc.....	1

Gi3_26119411_x47	.....gguucgauucccgugGccgcg	1
Gi2_9784573_x47	.....ccggguucgauucccgugaccg	0
Gi5_7932547_x46	.....guucgGuucccgugaccg	1
Gi3_26140081_x46	.....gguucgauNcccgugaccg	1
Gi5_7936641_x46	.....Gucgauucccgugaccgcg	1
Gi2_9803700_x46	.....ggucauaguacaguggcCagua	1
Gi5_7934801_x46	.....guucgauucccgguAaccg	1
Gi5_7933467_x46	.....gguucgauucccAgugacc	1
Gi3_26142519_x46	.....guucgauucccAgugaccgcg	1
Gi3_26156687_x46	.....gguucgauucccgGgacc	1
Gi5_7928959_x46	.....gacugucaNucacgugaccg	1
Gi2_9798962_x46	.....guucgauucccgGgaccg	1
Gi5_7929879_x46	.....guucgauCcccgugacc	1
Gi5_7932823_x46	.....Aguucgauucccgugac	1
Gi5_7954062_x45	.....guucgGuucccgugacc	1
Gi5_7951722_x45	.....gacugucGcucacgugaccg	1
Gi3_26173393_x45	.....gguucgauucccgguAacc	1
Gi5_7943037_x45	.....Aguucgauucccgugaccg	1
Gi5_7951092_x45	.....guucgACucccgugaccg	1
Gi2_9806874_x45	.....gguuUgauucccgugacc	1
Gi2_9816774_x45	.....guCcgauucccgugacc	1
Gl1_5287143_x45	.....gucgauaguacaguggcuagu	0
Gi3_26176138_x45	.....guucgauucccgugacUg	1
Gi3_26172313_x45	.....acgugaccggguucgauucccgugac	0
Gi2_9808539_x45	.....cccgguucgauucccgugaccg	0
Gi5_7943532_x45	.....ugacugucNcucacgugaccg	1
Gi3_26171728_x45	.....guucgauucccgAugaccg	1
Gi3_26175868_x45	.....gguucgauucAcggugacc	1
Gi3_26157958_x45	.....guucgauUcccgugaccg	1
Gi2_9811284_x45	.....guucgauNcccgugaccg	1
Gi5_7951857_x45	.....Auucgauucccgugaccg	1
Gi5_7957895_x44	.....gcggucgauaguacaguggcuagu	0
Gi5_7962075_x44	.....gacugucCcucacgugaccg	1
Gi2_9825150_x44	.....gCucgauucccgugaccg	1
Gi5_7955387_x44	.....gcggucgauNguacaguggcuagu	1
Gi3_26189761_x44	.....guucgauucccAgugacc	1
Gi2_9824710_x44	.....Uggguucgauucccgugaccg	1
Gi3_26181665_x44	.....guCcgauucccgugaccg	1
Gi3_26197505_x44	.....guucgauucccgGgaccg	1
Gi5_7968432_x43	.....guucgauucccgGgaccg	1
Gi5_7966411_x43	.....Aguucgauucccgugaccg	1
Gi1_3680802_x43	.....cacucacgugaccggguucAauuc	1
Gl1_5302208_x43	.....ugacugucacucacgugaccg	0
Gi3_26207034_x43	.....guucgauucccgugaAcg	1
Gi3_26204024_x43	.....gacugCcucacacgugaccg	1
Gi5_7970883_x43	.....gAuucgauucccgugacc	1
Gi1_3682350_x43	.....auaguacaguggcuagu	0

Gi3_26214086_x43	. . . . . Gacucacgugacccgggu	1
Gi2_9847000_x43	. . . . . acucacgugacccggguucgauucc	0
G1a_5302423_x43	. . . . . Uguucgauucccgugaccg	1
Gi1_3690107_x42	. . . . . gaUugucacucacgugacccgg	1
Gi3_26221297_x42	. . . . . guucgauucccgugaccgAc	1
Gi3_26226337_x42	. . . . . guucgauucccgAgaccgc	1
Gi1_3688637_x42	. . . . . gguucgauucccgugac	0
Gi2_9848527_x42	. . . . . gacugucacucacgugacccg	0
Gi1_3691367_x42	. . . . . gcggucauaguacaguggcC	1
Gi3_26239147_x42	. . . . . ucgauuccNggugaccgc	1
Gi3_26228773_x42	. . . . . guucgauucccgugaUc	1
Gi3_26239567_x42	. . . . . guucgauAcccgugaccgc	1
Gi3_26227219_x42	. . . . . guucgauucUcggugaccgc	1
Gi3_26223775_x42	. . . . . cUauucccgugaccgcg	1
Gi5_7982218_x42	. . . . . gguucgauuUccggugacc	1
Gi3_26224237_x42	. . . . . gguuGgauucccgugacc	1
Gi3_26237467_x42	. . . . . guucgauucccgugaccgUg	1
Gi3_26235829_x42	. . . . . Cacugucacucacgugacccgg	1
G1a_5314035_x42	. . . . . gguucgauucccguga	0
Gi2_9857683_x42	. . . . . guucgauCcccgugacc	1
Gi3_26259216_x41	. . . . . gcggucauNguacaguggc	1
Gi2_9874645_x41	. . . . . gguucgauucccgugaAc	1
Gi1_3693593_x41	. . . . . gcggucauaguacaguggcCagua	1
Gi3_26243964_x41	. . . . . gguucgauucccgugaccgcC	1
Gi2_9863739_x41	. . . . . guucgaCucccgugaccgc	1
G1a_5318139_x41	. . . . . gGucgauucccgugaccgc	1
Gi3_26249950_x41	. . . . . gguucgauAcccgugacc	1
Gi2_9870258_x41	. . . . . guucgauuNccggugaccgcg	1
Gi3_26247900_x41	. . . . . gAuucgauucccgugaccgc	1
Gi3_26260528_x41	. . . . . guucgauucccgugCccgc	1
Gi5_8004851_x41	. . . . . cgugacccggguucgauucccgugacc	0
Gi5_8001571_x41	. . . . . guucgauuNccggugaccg	1
Gi2_9876010_x40	. . . . . guucgauuNccggugaccg	1
Gi3_26279690_x40	. . . . . Uugacccggguucgauucc	1
Gi3_26262890_x40	. . . . . uGcgauucccgugaccgc	1
Gi3_26280970_x40	. . . . . gguucgauucccgugCccgc	1
Gi3_26277370_x40	. . . . . guucgauuccUggugaccg	1
Gi3_26299995_x39	. . . . . guucgauCcccgugacc	1
Gi1_3708494_x39	. . . . . uCacugucacucacgugacccgg	1
Gi3_26284785_x39	. . . . . gguucgauucccgugaccgcA	1
Gi3_26297499_x39	. . . . . guucgUuucccgugaccgc	1
Gi3_26293404_x39	. . . . . guucgauucUcggugaccgcg	1
Gi3_26301165_x39	. . . . . Uugacccggguucgauucc	1
Gi3_26297538_x39	. . . . . gguucgauuccUgugacc	1
Gi3_26284668_x39	. . . . . Aacugucacucacgugacccg	1
Gi3_26295705_x39	. . . . . ggGucgauucccgugaccgc	1
Gi4_482792_x38	. . . . . Ucggucauaguacaguggcuagua	1

Gi3_26325980_x38	.....guucgCuucccgugaccgc	1
Gi2_9903341_x38	.....gguucAauucccgugacc	1
Gi2_9906115_x38	.....Auucgauucccgugaccg	1
Gi1_3714696_x38	.....Ucggucauaguacaguggcuag	1
Gi5_8028503_x38	.....Ucggucauaguacaguggcu	1
Gi1_3709338_x38	.....ugGcugucacucacgugaccgg	1
Gi3_26325524_x38	.....gguucAauucccgugaccgc	1
Gi2_9903531_x38	.....gguucgauNcccggugac	1
Gi2_9911131_x38	.....gguucgGuucccgugacc	1
Gi3_26326816_x38	.....ugacugCcacucacgugaccgg	1
Gi3_26325182_x38	.....guucgauucccgugacAgc	1
Gi3_26310894_x38	.....uGgauucccgugaccgcg	1
Gi1_3710478_x38	.....gacugucacucacgCgaccgg	1
Gi3_26318266_x38	.....guucgauucccgGgaccgc	1
Gi3_26324916_x38	.....guucgauuUccggugaccgcg	1
Gi2_9900643_x38	.....gCuucgauucccgugacc	1
Gi1_3718546_x37	.....gacugCcacucacgugaccgg	1
Gi3_26344111_x37	.....gAucgauucccgugaccgc	1
Gi3_26333455_x37	.....gguucgauucccgugUcc	1
Gi3_26334158_x37	.....guucgauCcccggugaccg	1
Gi5_8044191_x37	.....gGggucauaguacaguggcua	1
Gi3_26337229_x37	.....ggGucgauucccgugac	1
Gi3_26341151_x37	.....gguucgauucccgugacUgc	1
Gi5_8045116_x37	.....gguucgauuccUggugacc	1
Gi5_8051739_x37	.....Uucauaguacaguggcuagu	1
Gi3_26345591_x37	.....gguucgauuAccggugacc	1
Gi2_9924698_x37	.....gguucgauucccgCgac	1
Gi5_8065804_x36	.....guucgauuccUggugacc	1
Gi5_8059504_x36	.....Uaccggguucgauucc	1
Gi1_3724215_x36	.....Uguucgauucccgugaccg	1
Gi2_9941355_x36	.....guCcgauucccgugaccg	1
Gi3_26351723_x36	.....guucgauucUcgugacc	1
Gi5_8066416_x36	.....gguucgauucccgugaAc	1
Gi3_26362847_x36	.....gguucgauCcccggugac	1
Gi3_26369255_x36	.....gAucgauucccgugacc	1
Gi3_26370047_x36	.....gguucgauuccUggugaccgc	1
Gi2_9930591_x36	.....guucUauucccgugaccg	1
Gi3_26362703_x36	.....guucAauucccgugaccg	1
Gi5_8066344_x36	.....guucgauucccgugaUc	1
Gi3_26363135_x36	.....guucgauucAcggugaccgc	1
Gi3_26373719_x36	.....gacugucacucacgugGcccgg	1
Gi3_26355755_x36	.....Ccggucauaguacaguggc	1
Gi3_26353307_x36	.....gguCcgauucccgugaccgcg	1
Gi3_26355359_x36	.....ggGucgauucccgugaccgcg	1
Gi1_3730277_x35	.....gucauaguacaguggcuaguau	0
Gi3_26390340_x35	.....guucgauucccgUugaccgc	1
Gi5_8074704_x35	.....gCuucgauucccgugacc	1

Gi2_9950364_x35	.....guucgauuucccgugGccg	1
Gi3_26392510_x35	.....gguucgauucccAgugaccg	1
Gi3_26386665_x35	.....gguucgauuUccggugaccgc	1
Gi3_26390550_x35	.....gacugucacucacgCgaccgg	1
Gi5_8073479_x35	.....guucAauucccgugaccgc	1
Gi5_8072569_x35	.....gguucgauNcccgugac	1
Gi3_26384495_x35	.....gAuucgauucccgugac	1
Gi5_8067494_x35	.....uGcgauucccgugaccg	1
Gi2_9951974_x35	.....gAuucgauucccgugacc	1
Gi3_26376935_x35	.....gUguucgauucccgugaccg	1
Gi3_26377390_x35	.....gacugucCucacgugaccgg	1
Gi3_26384460_x35	.....gguucgauucccgugaccAc	1
Gi5_8073269_x35	.....gacugucacucacgugaAccg	1
Gi3_26392265_x35	.....cGcucacgugaccgg	1
Gi3_26414360_x34	.....gguucgaCucccgugaccg	1
Gi2_9966575_x34	.....guucgGuucccgugacc	1
Gi1_3738351_x34	.....gacugucaNucacgugaccgg	1
Gi3_26418610_x34	.....guucgauuUccggugacc	1
Gi2_9961985_x34	.....accggguucgauucccgugaccgC	1
Gl1_5368184_x34	.....cgugaccggguucgauucccggu	0
Gi5_8081931_x34	.....Cacugucacucacgugaccgg	1
Gi1_3735665_x34	.....ugacugucacucacgCgaccgg	1
Gi3_26418644_x34	.....gCuucgauucccgugaccg	1
Gi2_9958211_x34	.....Aguucgauucccgugaccg	1
Gi3_26409668_x34	.....gguuUgauucccgugaccg	1
Gi3_26410960_x34	.....gacugucacucacgugaAccg	1
Gi3_26401338_x34	.....ggAuucgauucccgugaccgc	1
Gi3_26404092_x34	.....guucgauuccUggugacc	1
Gi3_26411130_x34	.....cgugaccggguucgauucccggu	0
Gi2_9967867_x34	.....Aguucgauucccgugaccg	1
Gi3_26408648_x34	.....guucUauucccgugaccg	1
Gi1_3738882_x33	.....gguucgauucccgugaccU	1
Gi1_3739641_x33	.....guucgauucccgugaccgU	1
Gi2_9974199_x33	.....guucAauucccgugacc	1
Gi3_26427337_x33	.....gguucAauucccgugac	1
Gi3_26426314_x33	.....gcggucauaguacGguggc	1
Gi2_9975486_x33	.....gUguucgauucccgugacc	1
Gi3_26442814_x33	.....guucgauucccgugaccgGA	1
Gi3_26424334_x33	.....guacacucacgugaccggguucg	0
Gi2_9982779_x33	.....uUacugucacucacgugaccgg	1
Gi5_8102883_x33	.....Uggauucgauucccgugacc	1
Gi2_9982746_x33	.....cccggguucgauucccgugaccgc	0
Gi3_26434861_x33	.....gguucgauucccUgugac	1
Gi5_8099187_x33	.....guucgauucccAgugacc	1
Gi3_26444068_x33	.....gacuUucacucacgugaccgg	1
Gi1_3740598_x33	.....ugacugucacucacgugacAccg	1
Gi5_8104038_x33	.....gacugucacucCcgugaccgg	1

Gi2_9974298_x33.....	gguucgauucccgugaccgcggc.....	0
Gi2_9977466_x33.....	gguucgauucccgCgaccgcg.....	1
Gi3_26420308_x33.....	gCuucgauucccgugac.....	1
Gi3_26436511_x33.....	gacugucacucCcgugaccg.....	1
Gi2_9978687_x33.....	gguucgauucccgugaccgCcu.....	1
Gi2_9973275_x33.....	gguucgauucccgCgaccg.....	1
Gi2_9980832_x33.....	Ugguucgauucccgugaccgc.....	1
Gi2_9971394_x33.....	gCucgauucccgugaccgc.....	1
Gi3_26420374_x33.....	gguucgauucccgGgaccg.....	1
Gi5_8104005_x33.....	gcggucauaguacaguggcuagau.....	0
Gi5_8116934_x32.....	guCcgauucccgugaccgc.....	1
Gi1_3745472_x32.....	Ucggucauaguacaguggcuagau.....	1
Gi3_26450942_x32.....	guAcgauucccgugacc.....	1
Gi3_26461054_x32.....	Uugacugucacucacgugaccg.....	1
Gi3_26466366_x32.....	gguucgauucccgugacU.....	1
Gi3_26445790_x32.....	Ccggucauaguacagugg.....	1
Gi5_8109702_x32.....	guuUgauucccgugacc.....	1
Gi2_9988701_x32.....	ggAucgauucccgugacc.....	1
Gi1_3746304_x32.....	uAacugucacucacgugaccg.....	1
Gi3_26451902_x32.....	gacugucacucacgCgaccg.....	1
Gi3_26449918_x32.....	gguucgauucccgugacA.....	1
G1a_5384045_x32.....	gcggucauaguacaguggUuagua.....	1
Gi5_8112070_x32.....	gguucgauucccgugaccgAc.....	1
Gi5_8109382_x32.....	gguucgauNcccgugaccgc.....	1
Gi3_26456318_x32.....	ucgauuccNggugaccg.....	1
Gi2_9996317_x32.....	gguucgauuccUgugacc.....	1
Gi5_8108070_x32.....	ggAucgauucccgugacc.....	1
Gi3_26468222_x32.....	gguucgauucccgugCccg.....	1
Gi5_8116678_x32.....	guucUauucccgugacc.....	1
Gi3_26447518_x32.....	ugUcugucacucacgugaccg.....	1
Gi1_3748704_x32.....	gGggucauaguacaguggcua.....	1
Gi3_26447454_x32.....	Uuucgauucccgugaccgcg.....	1
Gi5_8108582_x32.....	gguucgauuccAgugaccg.....	1
Gi3_26479731_x31.....	ugacugucNcucacgugaccg.....	1
Gi5_8122534_x31.....	gacAgucacucacgugaccg.....	1
Gi3_26484691_x31.....	gguucgauuccAgugaccg.....	1
G1a_5398572_x31.....	gUuucgauucccgugaccg.....	1
Gi5_8124766_x31.....	guCcgauucccgugaccg.....	1
G1a_5396867_x31.....	gGucgauucccgugaccg.....	1
Gi3_26469687_x31.....	accggguucgauucccgugaccgC.....	1
Gi2_10011643_x31.....	gguucgCuucccgugacc.....	1
Gi3_26471640_x31.....	gguucgauucUcggugaccgc.....	1
G1a_5392899_x31.....	Ucggucauaguacaguggcua.....	1
Gi3_26472849_x31.....	gguucgauucccgugaccAcg.....	1
Gi5_8130408_x31.....	gguucAauucccgugacc.....	1
Gi3_26497830_x30.....	gacugucacCcacgugaccg.....	1
Gi1_3756905_x30.....	gguucgauucccgugaccg.....	0

Gi2_10028425_x30.....	.guucgauucccgGgaccgcg.....	1
Gi3_26498610_x30.....	.guGcgauucccgugaccg.....	1
Gi3_26509650_x30.....	.ugacugucacucacgCgaccgcg.....	1
Gi2_10019875_x30.....	.gguuUgauucccgugaccgc.....	1
Gi4_492029_x30.....	.guucgauucccgugaccgc.....	0
Gi3_26495010_x30.....	.gguucgauucccgugacAgc.....	1
Gi3_26502720_x30.....	.Cacugucacucacgugaccg.....	1
Gi3_26508000_x30.....	.gAucgauucccgugaccgcg.....	1
Gi1_3758525_x30.....	.Cgacugucacucacgugaccg.....	1
Gi2_10019335_x30.....	.Cuucgauucccgugacc.....	1
Gi3_26505630_x30.....	.gacugucGcucacgugaccg.....	1
Gi3_26529640_x29.....	.gucacucacgugaccggguucga.....	0
Gi5_8150161_x29.....	.gguucgauucUcggugacc.....	1
Gi5_8149871_x29.....	.gguucgGuucccgugaccg.....	1
Gi3_26530278_x29.....	.gguucgGuucccgugac.....	1
Gi2_10039560_x29.....	.guucgauucccgugCcc.....	1
Gi2_10035326_x29.....	.gguucgauucccgugacA.....	1
Gi2_10031788_x29.....	.guucgaCuucccgugaccg.....	1
Gi5_8152510_x29.....	.gguuUgauucccgugacc.....	1
Gi3_26541211_x29.....	.gguuUgauucccgugaccgc.....	1
Gi3_26534512_x29.....	.guGcgauucccgugacc.....	1
Gi1_3765277_x29.....	.ggucauaguacaguggcuagu.....	0
Gi5_8152916_x29.....	.Ugguucgauucccgugaccg.....	1
Gi5_8150364_x29.....	.gcggucauaguacaguggcuagC.....	1
Gi5_8150190_x29.....	.guucgauucccgGgacc.....	1
Gi1_3765509_x29.....	.gacuUucacucacgugaccg.....	1
Gi3_26526421_x29.....	.gguucgCuucccgugaccgc.....	1
Gi5_8147058_x29.....	.gacuUucacucacgugaccg.....	1
Gi5_8145869_x29.....	.Cuucgauucccgugaccg.....	1
Gi3_26529234_x29.....	.gcggucauaguacaguggcuagua.....	0
Gi2_10039589_x29.....	.Cuucgauucccgugaccg.....	1
Gi3_26522216_x29.....	.ggAucgauucccgugaccgcg.....	1
Gi3_26518417_x29.....	.gCuucgauucccgugaccgc.....	1
Gi3_26521404_x29.....	.cacucacgugaccggc.....	1
Gi3_26547161_x28.....	.ugGcugucacucacgugaccg.....	1
Gi3_26550941_x28.....	.guucgCuucccgugaccg.....	1
Gi5_8156497_x28.....	.gguucgauucccgGgacc.....	1
Gi5_8157029_x28.....	.Ccggucauaguacaguggcuagu.....	1
Gi5_8163693_x28.....	.guucgauuccUggugaccg.....	1
Gi5_8166857_x28.....	.gguucgauucccgugacA.....	1
Gi5_8167193_x28.....	.gcggucauaguacGguggcuagu.....	1
Gi5_8166913_x28.....	.gguucgauucccgGgac.....	1
Gi3_26552565_x28.....	.gguucgCuucccgugaccg.....	1
Gi5_8160557_x28.....	.gacugucacucGcgugaccg.....	1
Gi5_8165541_x28.....	.guucgauucccgugaAgc.....	1
Gi3_26566817_x28.....	.gacugucacucacgugaccgC.....	1
Gi3_26548953_x28.....	.guucgauucccgGgacc.....	1

Gi5_8160361_x28.....	gguucgauucccgguAacc.....	1
Gi3_26556317_x28.....	gguucgauucccgugacUgcg.....	1
Gi5_8157393_x28.....	guGcgauucccgugacc.....	1
Gi5_8160081_x28.....	Acggucauaguacaguggcua.....	1
Gi3_26544837_x28.....	gguucgauucccAgugaccgc.....	1
Gi3_26568300_x27.....	gacugucacucGcgugaccgg.....	1
Gi2_10069742_x27.....	guucUauucccgugacc.....	1
Gi3_26591466_x27.....	guucgauucccgguAaccgc.....	1
Gi3_26579910_x27.....	Uaccggguucgauucc.....	1
Gi3_26589711_x27.....	guucgauucUcgugaccg.....	1
Gi5_8180315_x27.....	gguucgauucAcggugacc.....	1
Gi1_3774657_x27.....	guucgauucccgugaccU.....	1
Gi3_26591898_x27.....	guucgauucccgugCcc.....	1
Gi5_8170676_x27.....	gGggucauaguacaguggc.....	1
Gi3_26570649_x27.....	gguucgauucccAgugac.....	1
Gi2_10064612_x27.....	gguucgauucccgugaccgcgU.....	1
Gi3_26569488_x27.....	guucgauucccgugaccgcC.....	1
Gi5_8176859_x27.....	guucgauucccgugacUg.....	1
Gi5_8174996_x27.....	guucgauuNccggugaccgc.....	1
Gi5_8178776_x27.....	guucgauucUcgugacc.....	1
Gi3_26573970_x27.....	gUggucauaguacaguggc.....	1
Gi1_3774684_x27.....	gacCgucacucacgugaccgg.....	1
Gi5_8171540_x27.....	cgugaccggguucgauucccgugaccg.....	0
Gi3_26567922_x27.....	guucgauucAcggugaccgcg.....	1
Gi3_26572350_x27.....	cccggguucgauucccgugaccgcgC.....	1
Gi5_8174213_x27.....	guucgauCcccggugaccgc.....	1
Gi3_26591763_x27.....	guucgauucccgugacAgcg.....	1
Gi3_26580261_x27.....	gacugCcacucacgugaccgg.....	1
Gi2_10085233_x26.....	gguucgauNcccgugaccgcg.....	1
Gi5_8188124_x26.....	guucgauucccgugCcc.....	1
Gl1a_5437973_x26.....	gguucgauucccgugacc.....	0
Gi5_8186460_x26.....	gGggucauaguacaguggcuag.....	1
Gi5_8181910_x26.....	guucgauCcccggugaccg.....	1
Gi3_26618393_x26.....	gguucgauucUcgugaccgcg.....	1
Gi3_26620057_x26.....	gguAcgauucccgugacc.....	1
Gi2_10078317_x26.....	gUguucgauucccgugaccgcg.....	1
Gi2_10077849_x26.....	gguucgauucUcgugacc.....	1
Gi3_26611321_x26.....	cgugacugucacucacgugaccgggu.....	0
Gi2_10089653_x26.....	Gacucacgugaccgggu.....	1
Gi1_3786105_x26.....	gauucccgugaccgcgCc.....	1
Gi5_8194208_x26.....	gguucgauucccgugCcc.....	1
Gi3_26601675_x26.....	gguucgauuccUgugaccgcg.....	1
Gi5_8190542_x26.....	guGcgauucccgugaccgc.....	1
Gi3_26633968_x25.....	gguucgauucccgugaUgcg.....	1
Gi3_26644018_x25.....	guucgauucccgugaccgU.....	1
Gi5_8196784_x25.....	gcggucauaguacaguggcuagua.....	0
Gl1a_5446912_x25.....	Ucggucauaguacaguggcuagua.....	1

Gi3_26628768_x25	.....gguucgauucccgugaAcgc	1
Gi1_3789681_x25	.....gacugucGcucacgugacccgg	1
Gi5_8205709_x25	.....gUguucgauucccgugacc	1
Gi3_26647393_x25	.....guucgauucccgugacUg	1
Gi3_26631118_x25	.....guAcgauucccgugaccg	1
Gi3_26636118_x25	.....ggAucgauucccgugac	1
Gi2_10097647_x25	.....gguucgauucccgugCc	1
Gi1_3793056_x25	.....gacugucacucGcgugacccgg	1
Gi3_26623643_x25	.....gguUgauucccgugac	1
Gi1_3791256_x25	.....Uacugucacucacgugacc	1
Gi3_26647943_x25	.....gguucgauucccgugaUcg	1
Gi5_8204209_x25	.....gCGgucauNguacaguggc	1
Gi2_10101447_x25	.....gCGgucauaguacaguggcuagu	0
Gi1_3791656_x25	.....ugacugucacucGcgugacccgg	1
Gi3_26643818_x25	.....ugacugucacCcacgugacccgg	1
Gi5_8196359_x25	.....uCaCugucacucacgugacccgg	1
Gi2_10093747_x25	.....gguucgauucccGugaccg	1
Gi3_26635918_x25	.....guucgauucccgAugacc	1
Gi2_10100497_x25	.....guucgauucccgugacUcg	1
Gi2_10121491_x24	.....ggCucgauucccgugac	1
Gi3_26662448_x24	.....gacugucacucacgugaAccg	1
Gi1_3795494_x24	.....guucgauucccgugaccgU	1
Gi5_8209752_x24	.....gguucgauucccgugaUc	1
Gi3_26676200_x24	.....ugacugucacucacgugacAcgg	1
Gi3_26672456_x24	.....gacugucacucGcgugacccg	1
Gi5_8212536_x24	.....gGgucauaguacaguggcuagua	1
Gi1_3798422_x24	.....cacucacgugacccggguucAauucc	1
Gi1_3793862_x24	.....gacugucacucCcgugacccgg	1
Gi2_10107547_x24	.....ucgauucccgugaccgC	1
Gi3_26675024_x24	.....guucgauAcccgugaccg	1
Gi3_26673944_x24	.....ugacccggguucgauucccgugaccgCc	1
Gi2_10106995_x24	.....gguucgauucccgugaAcgc	1
Gi3_26676968_x24	.....gguucgauucccgAgacc	1
Gi3_26669888_x24	.....gguucgauuccUggugac	1
Gi3_26650760_x24	.....guucgauucccgAugaccg	1
Gi2_10117939_x24	.....guucGauucccgugaccg	1
Gi3_26666144_x24	.....gcUgucauaguacagugg	1
Gi2_10108531_x24	.....Cuucgauucccgugaccg	1
Gi5_8209848_x24	.....gguucgauNcccgugaccg	1
Gi3_26662136_x24	.....gguucgauucccgGgac	1
Gi5_8211408_x24	.....gCGgucauaguacagCggcuagu	1
Gi2_10110403_x24	.....Auucgauucccgugaccg	1
Gi3_26663576_x24	.....guAcgauucccgugaccg	1
Gi5_8233346_x23	.....guucgauucAcggugacc	1
Gi1_3804257_x23	.....Ucggucauaguacaguggcu	1
Gi1_3804050_x23	.....gCGgucauaguacGguggcu	1
Gi2_10124806_x23	.....Gcgauucccgugaccg	1

Gi3_26694015_x23	.....gguucgauucccgugaccgcgga	1
Gi2_10133086_x23	.....Acggucauaguacaguggc	1
Gi3_26703100_x23	.....gacugucacucacAugaccg	1
Gi5_8224836_x23	.....guAcgauucccgugacc	1
Gi3_26689944_x23	.....gGgaccgguucgauucc	1
Gi3_26696177_x23	.....gguucgauucccgugUc	1
Gi3_26702433_x23	.....ugacugucGcucacgugaccg	1
Gi1_3799450_x23	.....gacugucacucacgugaccAg	1
Gi5_8223249_x23	.....Cuucgauucccgugaccgc	1
Gi3_26704848_x23	.....Gacucacgugaccgguuc	1
Gi5_8231414_x23	.....guucgauucccgGgaccg	1
Gi3_26699029_x23	.....guucgauuUccgugaccg	1
Gi2_10135777_x23	.....guucgauucccgugGccg	1
Gi2_10132603_x23	.....cacucacgNgaccggu	1
Gi3_26696614_x23	.....gacugucacucacgugGccg	1
Gi3_26682308_x23	.....cccgguucgauucccgugaccgc	0
Gi1_3805637_x23	.....gacugucacucacgugCccg	1
Gi3_26705354_x23	.....gguucgCuucccgugac	1
Gi3_26700202_x23	.....gcgguCguaguacaguggc	1
Gi2_10129383_x23	.....guucgauuccAgugaccgc	1
Gi3_26720740_x22	.....gacGgucacucacgugaccg	1
Gi1_3806023_x22	.....ugacugucacucacgugaccUgg	1
Gi4_501004_x22	.....Ucggucgauaguacaguggcuagu	1
Gi2_10151762_x22	.....guucgauucccgugGccg	1
Gi3_26731234_x22	.....gUggucgauaguacagugg	1
Gi3_26726988_x22	.....Ccacucacgugaccgguuc	1
Gi5_8234487_x22	.....gUggucgauaguacaguggcuagu	1
Gi5_8245509_x22	.....guuUgauucccgugaccgc	1
Gi3_26737064_x22	.....ggCucgauucccgugaccg	1
Gi3_26733632_x22	.....guucgauucccgguAaccg	1
Gi5_8242561_x22	.....gCGCcauaguacaguggcuagu	1
Gi3_26717110_x22	.....gguucgauucccgGgaccg	1
Gi3_26737680_x22	.....gguucgauucccgugacAgcg	1
Gi3_26713260_x22	.....guucgauucccgugaccC	1
Gi5_8240075_x22	.....ugacugucacCcacgugaccg	1
Gi3_26735238_x22	.....cacucacgNgaccggu	1
Gi3_26728770_x22	.....gguucgauucccgugGccg	1
Gi5_8242605_x22	.....gAucgauucccgugacc	1
Gi3_26734226_x22	.....guucgauucAcgugacc	1
Gi2_10146548_x22	.....guucgGuucccgugaccgc	1
Gi2_10142808_x22	.....gguucgauucccgGgacc	1
Gi3_26750487_x21	.....guucgauucccgAgaccg	1
Gi3_26745216_x21	.....Uugacugucacucacgugacc	1
Gi3_26751579_x21	.....Gacucacgugaccgguucga	1
Gi3_26747589_x21	.....gguucgauUcccgugaccg	1
Gi2_10161712_x21	.....guucAauucccgugaccgc	1
Gi2_10162447_x21	.....gguucgauuccUggugaccgc	1

Gi3_26753532_x21	.Uacugucacucacgugacccggguuc	1
Gi5_8249520_x21	.guucgauucccgugaccA	1
Gi5_8256786_x21	.gcUgucgauuacaguggc	1
Gi1_5481472_x21	.gguucgauNcccgugacc	1
Gi4_501377_x21	.guucgauucccgugaccgcCc	1
Gi5_8250906_x21	.gacugucacucaUgugaccgg	1
Gi3_26758992_x21	.guucgCuucccgugaccg	1
Gi3_26748681_x21	.cgugaccggguucgauucccgugacc	0
Gi5_8260797_x21	.gcggucGuaguacaguggcuagu	1
Gi2_10167718_x21	.gcggucanNguacaguggc	1
Gi3_26766783_x21	.guucgauAcccgugacc	1
Gi3_26747421_x21	.gguucgauucccgugaccAcg	1
Gi5_8249877_x21	.guucgauuccUggugaccgc	1
Gi2_10158919_x21	.gguucgCuucccgugacc	1
Gi3_26761596_x21	.guucgCuucccgugacc	1
Gi1_3814911_x21	.gucauaguacaguggcuag	0
Gi5_8249100_x21	.gcggucanNguacaguggcuag	1
Gi5_8262645_x21	.gguucgauuccUgugacc	1
Gi3_26750676_x21	.gacugucCcucacgugaccg	1
Gi3_26757018_x21	.gacugucacucacgugacccggguucgauu	0
Gi2_10161544_x21	.guucUauucccgugaccgc	1
Gi2_10159780_x21	.guucgauucccgugaAcg	1
Gi3_26743767_x21	.gacCgucacucacgugaccgg	1
Gi3_26763423_x21	.gacugucacucacgugaccAg	1
Gi2_10165345_x21	.cGcucacgugacccgggu	1
Gi2_10158037_x21	.gguuGgauucccgugacc	1
Gi5_8262918_x21	.gcggucanaguacaguggcCa	1
Gi3_26772621_x21	.guucgauucccgAgaccg	1
Gi2_10165072_x21	.guucgauucccgugaUc	1
Gi2_10168327_x21	.gguucgauucccgugacc	1
Gi5_8250507_x21	.cUgucanaguacaguggcua	1
Gi3_26787645_x20	.guucgGuucccgugaccgc	1
Gi4_503673_x20	.gguucgauucccgugaccgcC	1
Gi5_8274989_x20	.Cguucgauucccgugacc	1
Gi3_26791405_x20	.gguucgUuucccgugacc	1
Gi3_26797145_x20	.gcggGcauaguacaguggc	1
Gi1_3823530_x20	.cgugaccggguucAauucccgugacc	1
Gi5_8268629_x20	.Acggucanaguacaguggc	1
Gi5_8269809_x20	.guucgauucccgugaAc	1
Gi3_26796145_x20	.guucgauucccgAgacc	1
Gi5_8271289_x20	.Ugaccggguucgauucc	1
Gi2_10176829_x20	.guucgauucccgugaAcgc	1
Gi5_8272129_x20	.Uacugucacucacgugaccgggu	1
Gi5_8263689_x20	.Uucauaguacaguggcuag	1
Gi1_3824930_x20	.Uuucgauucccgugaccgc	1
Gi1_3824770_x20	.Acggucanaguacaguggcua	1
Gi5_8276169_x20	.gguucgauuAcccgugacc	1

Gi2_10176609_x20.....	guucgauucccgugacUg.....	1
Gi5_8274329_x20.....	guucgCuucccgugacc.....	1
Gi3_26778005_x20.....	accggguucgauucccgugaccgcg.....	0
Gi3_26782525_x20.....	gacugucacucCcgugacccg.....	1
Gi2_10188669_x20.....	guucgauuccUggugaccgc.....	1
Gi5_8272209_x20.....	guucgauucccgugacUgc.....	1
Gi5_8264409_x20.....	gguucgCuucccgugacc.....	1
Gi2_10184689_x20.....	guucgauCcccgugaccg.....	1
Gi3_26773565_x20.....	gguucgauucccgugaccA.....	1
Gi3_26779645_x20.....	gguucgauucccgugaccgUg.....	1
Gi2_10179109_x20.....	gguucgauucccgugacUgc.....	1
Gi2_10173869_x20.....	gCucgauucccgugaccgcg.....	1
Gi2_10176789_x20.....	Ccggucauaguacaguggc.....	1
Gi5_8273769_x20.....	Ccggucauaguacaguggcua.....	1
Gi5_8272629_x20.....	gGcugucacucacgugacccg.....	1
Gi3_26776545_x20.....	uCacugucacucacgugacccg.....	1
Gi5_8276909_x20.....	gcggucaCaguacaguggcuagua.....	1
Gi3_26787165_x20.....	guucgauucccgugaccCc.....	1
Gi2_10200005_x19.....	gcggucauaguacGguggc.....	1
Gi3_26833996_x19.....	ugacCgucacucacgugacccg.....	1
Gi3_26809790_x19.....	guucgauuAcccgugacc.....	1
Gi2_10196965_x19.....	guCcgauucccgugaccgc.....	1
Gi5_8282232_x19.....	gguucgauucccgugaccgUc.....	1
Gi3_26816516_x19.....	ucacgugacccgguucgauucccgugac.....	0
Gi2_10207890_x19.....	guucgauuUcccgugaccg.....	1
Gi2_10197630_x19.....	Cguucgauucccgugaccgc.....	1
Gi3_26818758_x19.....	Ugguucgauucccgugac.....	1
Gi2_10197364_x19.....	guucAauucccgugaccgcg.....	1
Gi1_3833258_x19.....	aGugucacucacgugacccg.....	1
Gi2_10191512_x19.....	guGcgauucccgugacc.....	1
Gi3_26829474_x19.....	gUcugucacucacgugacccg.....	1
Gi1_3833695_x19.....	ugacugucacCcacgugacccg.....	1
Gi1_3833201_x19.....	ugacugucGcucacgugacccg.....	1
Gi2_10196148_x19.....	cUauucccgugaccgUc.....	1
Gi5_8284778_x19.....	gcggucauaguacaguggcCagua.....	1
Gi3_26820867_x19.....	Cguucgauucccgugaccg.....	1
Gi3_26807871_x19.....	gGgacccgguucgauucc.....	1
Gi3_26828752_x19.....	gggGuccgauucccgugacc.....	1
Gi3_26835516_x19.....	gcggucauaguacCgugg.....	1
Gi1_3831928_x19.....	gGcugucacucacgugacccg.....	1
Gi2_10208821_x19.....	gguucgauucccgugGc.....	1
Gi3_26831070_x19.....	Uugacugucacucacguga.....	1
Gi2_10209087_x19.....	guucAauucccgugaccg.....	1
Gi5_8281871_x19.....	gcggucauaguacaguggcuaguauUc.....	1
Gi5_8282612_x19.....	guucgauucccgguAacc.....	1
Gi5_8284949_x19.....	gguucgauucccgAugacc.....	1
Gi3_26841436_x18.....	gacugucacucacgugacccgA.....	1

Gi3_26850346_x18.....	gguucgauAcccgugaccgcg.....	1
Gi5_8303913_x18.....	.gacugucacucacAugaccg.....	1
Gi2_10220350_x18.....	gguCcgauucccgugac.....	1
Gi3_26854432_x18.....	gguucgauucccgCugacc.....	1
Gi3_26868436_x18.....	.guucgauucccgugacAg.....	1
Gi1_3842157_x18.....	gguucgauucccgugaccg.....	0
Gi5_8302131_x18.....	.Cguucgauucccgugaccg.....	1
Gi1_3840393_x18.....	.ugacugucacucacgugaccAg.....	1
Gi3_26873008_x18.....	gguucgauucccgugaGc.....	1
Gi2_10224580_x18.....	gguucgaCucccgugaccg.....	1
Gi2_10225102_x18.....	Uguucgauucccgugaccgggcu.....	1
Gi2_10221448_x18.....	.guucgauuccAgugacc.....	1
Gi3_26840608_x18.....	gguucgauucccgugaccg.....	0
Gi2_10214518_x18.....	gguucgauNcccgugaccg.....	1
Gi5_8298351_x18.....	.Cgacugucacucacgugaccg.....	1
Gi2_10228792_x18.....	gguucgauucccguaAacc.....	1
Gi3_26852866_x18.....	.guucgauucccgUugaccg.....	1
Gi2_10212124_x18.....	.guucgauuccAgugaccg.....	1
Gi5_8294031_x18.....	gguucgauucccgAgacc.....	1
Gi2_10216462_x18.....	.guCcgauucccgugaccg.....	1
Gi3_26867950_x18.....	.ugacugucacucacgugaccgA.....	1
Gi2_10228504_x18.....	.Cuucgauucccgugaccg.....	1
Gi2_10227874_x18.....	gcggucauaguacaguggcua.....	0
Gi5_8294769_x18.....	.guAcgauucccgugaccg.....	1
Gi3_26840266_x18.....	.ucgauCcccgugaccg.....	1
Gi2_10210036_x18.....	.gUguucgauucccgugaccg.....	1
Gi5_8298999_x18.....	gcggucauNguacaguggcua.....	1
Gi2_10228918_x18.....	.gUguucgauucccgugaccg.....	1
Gi1a_5520131_x18.....	.Ugguucgauucccgugaccg.....	1
Gi3_26861308_x18.....	.gacuguUacucacgugaccg.....	1
Gi3_26838682_x18.....	.gAucgauucccgugaccg.....	1
Gi3_26857024_x18.....	.ucacgugaccggguucgauucc.....	0
Gi5_8301411_x18.....	.Aacugucacucacgugaccg.....	1
Gi2_10224526_x18.....	.guucgauuccAggugacc.....	1
Gi3_26856160_x18.....	.guucgauAcccgugaccg.....	1
Gi3_26874574_x18.....	.guucgauucccgugaUcgg.....	1
Gi5_8303463_x18.....	gcggucauNguacaguggcuagua.....	1
Gi5_8296983_x18.....	.ucacgugaccggguucgauucccgugacc.....	0
Gi3_26839294_x18.....	gguucgauucccguaAaccg.....	1
Gi3_26858590_x18.....	.ugacugucacucGcgugaccg.....	1
Gi5_8295183_x18.....	gguucgGuuccgugac.....	1
Gi5_8308389_x17.....	.guucgauucccgugacU.....	1
Gi5_8320238_x17.....	.gCucgauucccgugaccg.....	1
Gi3_26888276_x17.....	.gCucgauucccgugaccgggc.....	1
Gi1_3853336_x17.....	.gUcugucacucacgugaccg.....	1
Gi5_8319847_x17.....	.ggCucgauucccgugaccg.....	1
Gi2_10244978_x17.....	gguucgauCcccgugaccg.....	1

Gi1a_5521441_x17.....	Uuucgauucccgugaccgcg.....	1
Gi5_8315002_x17.....	ugUcugucacucacgugaccgg.....	1
Gi3_26885386_x17.....	guucgauuccAggugaccgc.....	1
Gi2_10232823_x17.....	guuUgauucccgugacc.....	1
Gi3_26904035_x17.....	gGgacugucacucacgugaccgg.....	1
Gi2_10236699_x17.....	guucgauuUccggugacc.....	1
Gi3_26888718_x17.....	uucgauucccgugaccgGcCu.....	1
Gi3_26902624_x17.....	caUucacgugaccgggu.....	1
Gi3_26893206_x17.....	gacuUucacucacgugaccgg.....	1
Gi2_10233673_x17.....	guucgauucccgugaccAc.....	1
Gi5_8320629_x17.....	gCuucgauucccgugac.....	1
Gi5_8318011_x17.....	gAuucgauucccgugaccgG.....	1
Gi5_8318062_x17.....	gguuUgauucccgugac.....	1
Gi5_8311160_x17.....	ugacugCcacucacgugaccgg.....	1
Gi5_8319490_x17.....	gaUugucacucacgugaccgg.....	1
Gi5_8318708_x17.....	gguucgauucccgugGccgc.....	1
Gi3_26910257_x17.....	ggguucgaNuucccgugaccgG.....	1
Gi3_26904528_x17.....	guucgauucccgugUccgc.....	1
Gi5_8312367_x17.....	gacugucacucacgugCcccgg.....	1
Gi1_3849630_x17.....	gguucgauucccgugaccgCU.....	1
Gi5_8309579_x17.....	guucgauuUccggugacc.....	1
Gi3_26882802_x17.....	ggUuucgauucccgugaccgG.....	1
Gi1a_5526048_x17.....	gguucgauucccgugaccgGAc.....	1
Gi2_10237549_x17.....	cUugacugucacucacgugacc.....	1
Gi5_8307998_x17.....	guucAauucccgugaccg.....	1
Gi3_26876053_x17.....	ugacugucacucacgugaccgC.....	1
Gi1_3851211_x17.....	ugacCgucacucacgugaccgg.....	1
Gi2_10244570_x17.....	guucgGuucccgugaccgG.....	1
Gi5_8315988_x17.....	gugacugucacucacgugGcc.....	1
Gi3_26903848_x17.....	uuUgauucccgugaccgc.....	1
Gi3_26881782_x17.....	gcggucauaguacagCggc.....	1
Gi5_8322397_x17.....	gguucgaCuucccgugaccgc.....	1
Gi3_26903202_x17.....	guucgauuAccggugaccgc.....	1
Gi1_3846842_x17.....	gacugucacucacgugacUcgg.....	1
Gi2_10231021_x17.....	gguucgauucccgugacU.....	1
Gi3_26896878_x17.....	uCacugucacucacgugaccgg.....	1
Gi3_26876104_x17.....	Gcacucacgugaccggguucga.....	1
Gi3_26913096_x17.....	gguucgauuccAggugacc.....	1
Gi3_26901451_x17.....	gguucgauuccUgugaccgc.....	1
Gi3_26889857_x17.....	guucgauucccguaAccgG.....	1
Gi3_26910495_x17.....	gguucgauucccgugaAcgG.....	1
Gi2_10237056_x17.....	Uacugucacucacgugacc.....	1
Gi1_3854696_x17.....	uAucacucacgugaccgg.....	1
Gi2_10235424_x17.....	Ugguucgauucccguga.....	1
Gi3_26890265_x17.....	gcggucauagCacagugg.....	1
Gi2_10250010_x17.....	guAcgauucccgugaccg.....	1
Gi1_3850123_x17.....	gacugucacucacgugaAccgg.....	1

Gi3_26891285_x17.....	.gggGucgauucccgugaccgcg.....	1
Gi3_26905089_x17.....	.gguucgauucccgAugac.....	1
Gi3_26894515_x17.....	.guucgauucAcggugaccg.....	1
Gi1_3847250_x17.....	.gcggucauNguacaguggcua.....	1
Gi5_8337712_x16.....	.gacugucacucacgugaccUgg.....	1
Gi1_3857169_x16.....	.ugacugCcacucacgugaccgg.....	1
Gi5_8324640_x16.....	.guucgauucccgAugacc.....	1
Gi2_10260489_x16.....	.gguucgauucccgugGccgcg.....	1
Gi3_26917325_x16.....	.uAacugucacucacgugaccgg.....	1
Gi5_8332256_x16.....	.Gcgauucccgugaccgc.....	1
Gi2_10256217_x16.....	.guucgauucccgugaAc.....	1
Gi2_10256233_x16.....	.guucgauCcccgugaccgc.....	1
Gi2_10262745_x16.....	.gguucgauCcccgugaccgcg.....	1
Gi2_10258361_x16.....	.gguucgGuucccgugac.....	1
Gi3_26951021_x16.....	.gacugucacucacgugaccUgg.....	1
Gi3_26937949_x16.....	.gguucgauucccgugaU.....	1
Gi2_10251161_x16.....	.cacucacgugaccgggC.....	1
Gi3_26917229_x16.....	.gguucgGuucccgugaccg.....	1
Gi3_26927613_x16.....	.ugUcugucacucacgugaccg.....	1
Gi2_10258553_x16.....	.ggCucgauucccgugaccg.....	1
Gi4_508196_x16.....	.Ucggucauaguacaguggcuaguau.....	1
Gi5_8326576_x16.....	.guucgauuccAgugaccg.....	1
Gi2_10271065_x16.....	.gcggucauaguacaguggcuagua.....	0
Gi5_8335120_x16.....	.gguucgauucccgugGccgcg.....	1
Gi5_8338080_x16.....	.gacCgucacucacgugaccgg.....	1
Gi3_26941325_x16.....	.guucgaGucccgugacc.....	1
Gi2_10252937_x16.....	.gguucgauucccgugaUcgc.....	1
Gi2_10257369_x16.....	.cUauucccgugaccgcg.....	1
Gi1a_5536061_x16.....	.Ucggucauaguacaguggcuaguau.....	1
Gi5_8334752_x16.....	.Uuucgauucccgugaccgcggu.....	1
Gi1_3862561_x16.....	.gUggucauaguacaguggcua.....	1
Gi1a_5536013_x16.....	.gacugucacucacgugaccgggu.....	0
Gi2_10271929_x16.....	.guucgauucccgGgacc.....	1
Gi3_26933501_x16.....	.guucgauucccgugaUcg.....	1
Gi3_26918221_x16.....	.ucgauucccgugGccgc.....	1
Gi3_26951677_x16.....	.gacugucacucacgugaccA.....	1
Gi5_8337824_x16.....	.ggCucgauucccgugac.....	1
Gi5_8327104_x16.....	.ggGucgauucccgugaccgc.....	1
Gi2_10260713_x16.....	.gguucgauucccgCgaccgc.....	1
Gi3_26922765_x16.....	.guucgauuAcccgugaccgcg.....	1
Gi3_26923389_x16.....	.Uugaccggguucgauuc.....	1
Gi5_8322992_x16.....	.gacugCcacucacgugaccgg.....	1
Gi3_26942013_x16.....	.Cgacugucacucacgugaccgg.....	1
Gi3_26934205_x16.....	.guucgauucccgUugaccg.....	1
Gi3_26936237_x16.....	.gguuAgauucccgugacc.....	1
Gi5_8326624_x16.....	.gcAgucauaguacaguggcuagu.....	1
Gi5_8343587_x15.....	.guucgauucAcggugaccgc.....	1

Gi3_26977525_x15.....gcggucauaguacaguggcuagu.....	0
Gi5_8348852_x15.....gGggucauaguacagugg.....	1
Gi5_8354042_x15.....gcggucauaguGcaguggcuagu.....	1
Gi3_26965135_x15.....gacugucacucacgugaUccg.....	1
Gi3_26953525_x15.....gguucgauucccgGgaccgcg.....	1
Gi1_3869207_x15.....gcggCcauaguacaguggcua.....	1
Gi3_26992390_x15.....gguucgauucccgguAaccg.....	1
Gi2_10273885_x15.....guucgauucccgugacUgc.....	1
Gi5_8344112_x15.....Cguucgauucccgugaccgc.....	1
Gi3_26967160_x15.....gacugucacucacgugCcccg.....	1
Gi3_26979430_x15.....gGucgauucccgugaccgggc.....	1
Gi1_3872537_x15.....cgauucccgugaccgcgCc.....	1
Gi2_10277680_x15.....gcggGcauaguacaguggc.....	1
Gi3_26961325_x15.....gguucAauucccgugaccg.....	1
Gi2_10277410_x15.....guucgauucccgugaccgggcA.....	1
Gi3_26975140_x15.....gacugucacucacgugacUccg.....	1
Gi5_8338892_x15.....cUgucauaguacaguggcuagu.....	1
Gi3_26980630_x15.....gguucgauuUcccgugaccgcg.....	1
Gi3_26957440_x15.....gguucgauucAcggugac.....	1
Gi2_10282555_x15.....gguucgauCcccgugac.....	1
Gi5_8343137_x15.....guucgauucUcggugaccgc.....	1
Gi5_8344532_x15.....gcggucauaguacGguggcuag.....	1
Gi5_8352197_x15.....gGcauaguacaguggcuagu.....	1
Gi3_26965405_x15.....gguucgauAcccgugac.....	1
Gi3_26976370_x15.....gacuAucacucacgugacccg.....	1
Gi5_8348462_x15.....gguucgauucccgugacUccg.....	1
Gi1_3865892_x15.....ugacugucacucacgugaccAgg.....	1
Gi2_10275385_x15.....Uugacugucacucacgugacccg.....	1
Gi5_8349347_x15.....gcggGcauaguacaguggcuagu.....	1
Gi3_26979475_x15.....gguucgauuUcccgugac.....	1
Gi1a_5557004_x15.....ugucacucacgugaccggguuc.....	0
Gi3_26954425_x15.....gcggucauagCacaguggc.....	1
Gi5_8341232_x15.....Auucgauucccgugaccgcg.....	1
Gi5_8351897_x15.....gUggucauaguacaguggcua.....	1
Gi3_26991865_x15.....gguucgauucUccgugac.....	1
Gi3_26955715_x15.....ucAauucccgugaccgc.....	1
Gi1_3868817_x15.....gGggucauaguacaguggcuagua.....	1
Gi2_10278670_x15.....Cguucgauucccgugac.....	1
Gi5_8351507_x15.....guucgauucccgugaAcgc.....	1
Gi3_26985100_x15.....Uacugucacucacgugaccggg.....	1
Gi5_8344187_x15.....guucgauucccgAugaccgc.....	1
Gi5_8346842_x15.....Acggucauaguacaguggcuagua.....	1
Gi3_26972230_x15.....gguucgauucccUgugaccgcg.....	1
Gi3_26975650_x15.....gugcggucauaguacaguggcCaguaugc.....	1
Gi5_8348732_x15.....gguucgauucccgugGc.....	1
Gi5_8354432_x15.....guuUgauucccgugaccg.....	1
Gi1_3866297_x15.....ucgauucccgugaccgcgCc.....	1

Gi2_10284790_x15.....	.guucgauucUcggugaccg.....	1
Gi2_10289380_x15.....	gguucgauucccUgugacc.....	1
Gi3_26962045_x15.....	gguucgauucccgugaA.....	1
Gi3_26956870_x15.....	gguCcgauucccgugaccg.....	1
Gi2_10276600_x15.....	ggGucgauucccgugaccgG.....	1
Gi1_3871412_x15.....	gguucgauucccgugaccgU.....	1
Gi5_8349182_x15.....	UgguucgauucccgugaccG.....	1
Gi2_10313557_x14.....	.guucgauuUccggugaccG.....	1
Gi2_10306795_x14.....	ggGucgauucccgugaccG.....	1
Gi3_27005051_x14.....	gcggucGguacaguggc.....	1
Gi5_8356727_x14.....	.guCcgauucccgugaccgG.....	1
Gi3_27030307_x14.....	.gguucgauucAcggugaccG.....	1
Gi1a_5568315_x14.....	.Aguucgauucccgugacc.....	1
Gi5_8364525_x14.....	.gguucAauucccgugaccG.....	1
Gi2_10311135_x14.....	.guucgauuAccggugaccG.....	1
Gi4_511478_x14.....	.UacugucacucacgugaccG.....	1
Gi5_8362355_x14.....	.gguucgauucccgugaccU.....	1
Gi5_8358491_x14.....	.guCcgauucccgugaccG.....	1
Gi1a_5570443_x14.....	.Uucauaguacaguggcua.....	1
Gi1_3882386_x14.....	.gacAgucacucacgugaccG.....	1
Gi3_27026891_x14.....	.ucgauucccgugaccGcgCcu.....	1
Gi3_27001733_x14.....	.ucgauucccAgugaccG.....	1
Gi2_10297821_x14.....	.guucgauucccAgugaccG.....	1
Gi2_10301251_x14.....	.guucgauucccgugaccA.....	1
Gi3_27013731_x14.....	.AgguucgauucccgugaccG.....	1
Gi5_8357595_x14.....	.GucgauucccgugaccG.....	1
Gi2_10307915_x14.....	.gUggucauaguacaguggc.....	1
Gi3_27036229_x14.....	.cGcucacgugaccGggguuc.....	1
Gi3_27037671_x14.....	.cacucacgNgaccGggguuc.....	1
Gi1_3879712_x14.....	.gGggucauaguacagugg.....	1
Gi5_8366149_x14.....	.gcUgucGauaguacaguggcua.....	1
Gi2_10313487_x14.....	.guucgauCcccggugaccG.....	1
Gi5_8365169_x14.....	.gUguucgauucccgugaccG.....	1
Gi5_8361655_x14.....	.gguucgauucccgugaccUgc.....	1
Gi2_10313865_x14.....	.gguucAauucccgugaccG.....	1
Gi3_26998919_x14.....	.gguucgauucccgAugaccG.....	1
Gi5_8360479_x14.....	.ugacugucacucacgugaccG.....	1
Gi5_8371623_x14.....	.guucgauucccgGgaccG.....	1
Gi3_27017203_x14.....	.guucgauucccgugUccgG.....	1
Gi3_27034157_x14.....	.cacucacgNgaccGggguucga.....	1
Gi2_10317701_x14.....	.guCcgauucccgugaccG.....	1
Gi5_8366975_x14.....	.gUcugucacucacgugaccG.....	1
Gi2_10302973_x14.....	.CguucgauucccgugaccG.....	1
Gi5_8356433_x14.....	.guucgauucccgugaUcg.....	1
Gi5_8357889_x14.....	.ugacugucGcucacgugaccG.....	1
Gi3_27022369_x14.....	.gguucgauucAcggugaccG.....	1
Gi2_10317771_x14.....	.gguCcgauucccgugaccG.....	1

Gi5_8372225_x14.....	.gacugucacucacgugacUcgg.....	1
Gi2_10312605_x14.....	.gguucgauucccgugaccgcA.....	1
Gi3_27014305_x14.....	.guucgauucccgugaAc.....	1
Gi2_10304863_x14.....	.ggAucgauucccgugaccgcg.....	1
Gi2_10302147_x14.....	.guucgauucccgugaccgcA.....	1
Gi2_10307495_x14.....	.ggguCcgauucccgugaccgcg.....	1
Gi3_26999227_x14.....	.cacucacgugaccgggCuc.....	1
Gi5_8363083_x14.....	.gguucgGuucccgugaccgc.....	1
Gi3_27029229_x14.....	.gguucgauucccgAugaccgcg.....	1
Gi5_8360661_x14.....	.gacugucacucacgugacAcgg.....	1
Gi2_10313389_x14.....	.guuUgauucccgugaccg.....	1
Gi3_27034913_x14.....	.ucgauucccgCgaccgc.....	1
Gi3_26997575_x14.....	.gcggucaCaguacaguggc.....	1
Gi3_27019541_x14.....	.gacugucacucacgugacAcg.....	1
Gi5_8365323_x14.....	.Uuucgauucccgugaccgcggcuu.....	1
Gi3_27015005_x14.....	.guucgauucccgugUcc.....	1
Gi3_27002895_x14.....	.Agguucgauucccgugacc.....	1
Gi3_27029495_x14.....	.gcggCcauaguacagugg.....	1
Gi3_27014949_x14.....	.gcggCcauaguacaguggc.....	1
Gi3_27036187_x14.....	.gauucccgugaccgcgCcu.....	1
Gi5_8372715_x14.....	.gcggucauNguacagugg.....	1
Gi3_27023041_x14.....	.Uuucgauucccgugaccgcggcuu.....	1
Gi1_3875386_x14.....	.gcUgucauaguacaguggcua.....	1
Gi3_27015033_x14.....	.gAuucgauucccgugaccg.....	1
Gi3_26997827_x14.....	.gacugucacucaUgugaccgg.....	1
Gi1_3880636_x14.....	.gacugucacucacgugacAcg.....	1
Gi5_8368627_x14.....	.gcggucauaguacGguggcua.....	1
Gi3_27028207_x14.....	.uucgGuucccgugaccgc.....	1
Gi5_8355747_x14.....	.gcggCcauaguacaguggcuag.....	1
Gi3_27030615_x14.....	.ggGucgauucccgugaccg.....	1
Gi2_10303015_x14.....	.guGcgauucccgugaccgc.....	1
Gi3_27018197_x14.....	.gggCucgauucccgugacc.....	1
Gi3_26994537_x14.....	.uUacugucacucacgugacc.....	1
Gi5_8368725_x14.....	.Acggucauaguacagugg.....	1
Gi2_10312493_x14.....	.Gacucacgugaccggguuc.....	1
Gi2_10308517_x14.....	.gguucAauucccgugaccgc.....	1
Gi4_511730_x14.....	.gguucgauucccgugac.....	0
Gi2_10316847_x14.....	.gguucgGuucccgugaccgc.....	1
Gi2_10322025_x13.....	.Gcacucacgugaccgggu.....	1
Gi5_8374716_x13.....	.gguucgauucccgCgaccgcg.....	1
Gi2_10318762_x13.....	.guucgauucccgGgaccgc.....	1
Gi1_3884916_x13.....	.gacugucacucaUgugaccgg.....	1
Gi3_27082292_x13.....	.gguuUgauucccgugaccg.....	1
Gi3_27041251_x13.....	.cgauucccNgugaccgcg.....	1
Gi3_27059490_x13.....	.uuUgauucccgugaccgcg.....	1
Gi3_27068356_x13.....	.gcggucCuaguacaguggc.....	1
Gi3_27077391_x13.....	.gguucgauucccgugaccgU.....	1

Gi5_8390862_x13.....	Acggucauaguacaguggcuaguau.....	1
Gi3_27073322_x13.....	Uugacugucacucacgugac.....	1
Gi3_27040276_x13.....	uucgauucccgugGccgc.....	1
Gi5_8383881_x13.....	Uugcggucauaguacaguggcuagua.....	1
Gi1_3890116_x13.....	guucgauucccgugaccgU.....	1
Gi1_3885956_x13.....	gacugucacucacgugaccgA.....	1
Gi5_8390472_x13.....	ggauucgauCcccgugaccgcg.....	1
Gi3_27081850_x13.....	guucgauucccgugaccAcggc.....	1
Gi1_3892469_x13.....	Agacugucacucacgugaccgg.....	1
Gi2_10338327_x13.....	ggauucgauucccgGgaccgc.....	1
Gi1_3888634_x13.....	ugacugucacucaUgugaccgg.....	1
Gi3_27063442_x13.....	cUugaccggguucgauucc.....	1
Gi3_27051430_x13.....	gcggucauaguacGgugg.....	1
Gi2_10327446_x13.....	guucgauuccUggugaccg.....	1
Gi5_8380189_x13.....	uucgauucccgugaccgCgC.....	1
Gi5_8386429_x13.....	gcggucauaguacaguggcuGgu.....	1
Gi3_27076026_x13.....	guucgauucccgugCccgcg.....	1
Gi2_10319503_x13.....	ggauucgauucccgugaUcgcg.....	1
Gi1_3884487_x13.....	gacugucacCcacgugaccg.....	1
Gi3_27045970_x13.....	uucccgugaccgCcu.....	1
Gi5_8379435_x13.....	ggauucgauCcccgugac.....	1
Gi2_10327914_x13.....	uGgauucccgugaccgc.....	1
Gi3_27049987_x13.....	ggUcgauucccgugacc.....	1
Gi2_10333335_x13.....	cGcucacgugaccggguuc.....	1
Gi5_8381463_x13.....	uAacugucacucacgugaccgg.....	1
Gi3_27039249_x13.....	ggauucgauucccgguAaccgc.....	1
Gi2_10320972_x13.....	gcggucauaguacaguggcA.....	1
Gi5_8387274_x13.....	cUggauucgauucccgugacc.....	1
Gi5_8385129_x13.....	ggauucgauucccgCgaccgc.....	1
Gi2_10334037_x13.....	cacCcacgugaccgggu.....	1
Gi3_27048635_x13.....	gcggucauaguacCguggc.....	1
Gi1_3885319_x13.....	ggauucgauucccgugacU.....	1
Gi5_8376458_x13.....	guucgauucccgugacA.....	1
Gi2_10326315_x13.....	ggauucgauucccgugUcc.....	1
Gi2_10336234_x13.....	gcggucaCaguacaguggc.....	1
Gi3_27073985_x13.....	gaccggguucgauucccgugaccgCgC.....	1
Gi5_8384193_x13.....	gcggucaCaguacaguggcuagu.....	1
Gi5_8375873_x13.....	guucgauucUcggugaccg.....	1
Gi2_10319139_x13.....	guucgauucUcggugacc.....	1
Gi2_10333348_x13.....	Cgauucgauucccgugaccgcg.....	1
Gi2_10325457_x13.....	ggGucgauucccgugaccg.....	1
Gi2_10342487_x13.....	guucgauuccUggugacc.....	1
Gi3_27064014_x13.....	gUcugucacucacgugaccg.....	1
Gi5_8384921_x13.....	ggauucgauucccgugUcc.....	1
Gi2_10339055_x13.....	ggauucgauucccgugaccgU.....	1
Gi1a_5578152_x13.....	ggauucgauucccgugaccgCgUc.....	1
Gi2_10336546_x13.....	cUggauucgauucccgugacc.....	1

Gi2_10319932_x13	.....guucgauucAcggugacc	1
Gi3_27038391_x13	.....gguucgauucccgAgaccgc	1
Gi2_10318736_x13	.....guuUgauucccgugaccgc	1
Gi2_10320231_x13	.....gguucgauucccgugGccg	1
Gi3_27058242_x13	gcggucauaguGcagugg	1
Gi1_3892235_x13	.....acugucacNcacgugaccgg	1
Gi2_10327537_x13	.....gguucgauAcccgugacc	1
Gi3_27057592_x13	.....gAguucgauucccgugaccgc	1
Gi2_10339081_x13	.....cacucacgNgaccggguuc	1
Gi2_10341330_x13	.....Ggacugucacucacgugaccgg	1
Gi2_10327654_x13	.....guucgauucccgugaccgcUc	1
Gi2_10346038_x12	.....gguucgaCucccgugaccg	1
Gi3_27109461_x12	gGcugucacucacgugacc	1
Gi2_10364782_x12	gGcugucacucacgugaccgg	1
Gi1_3897986_x12	Uucauaguacaguggcuagua	1
Gi1_3903902_x12	Ccggucauaguacaguggcua	1
Gi3_27106773_x12	.....gguucgauucccAgugaccg	1
Gi1_3899678_x12	ugacGgucacucacgugaccgg	1
Gi4_515880_x12	Ucggucauaguacaguggc	1
Gi5_8395854_x12	.....ucgauucccgugaccgcCc	1
Gi3_27086733_x12	.....guucgauucccGugaccgc	1
Gi2_10344250_x12	ggCucgauucccgugaccgc	1
Gi3_27130737_x12	.....guucgaGucccgugaccgc	1
Gi5_8404950_x12	gacugucacucacgugGccg	1
Gi1_5594923_x12	.....gguucgauucccgugCcc	1
Gi5_8400702_x12	ugacugucacucGcgugaccgg	1
Gi2_10362346_x12	.....gguuUgauucccgugaccgc	1
Gi2_10344118_x12	.....guucgauucccgGgaccg	1
Gi5_8391834_x12	gcggucauaguacagugAcuagu	1
Gi5_8391918_x12	.....gCuucgauucccgugaccgc	1
Gi1_3899114_x12	ugacugucacucacgugaccgA	1
Gi3_27100797_x12	gacugucacucacguAaccg	1
Gi3_27112797_x12	.....cUcucacgugaccgggu	1
Gi3_27112365_x12	.....cGcucacgugaccggguucga	1
Gi1_3900086_x12	ugacugucacucacgugacUcgg	1
Gi5_8391894_x12	.....gguuGgauucccgugacc	1
Gi5_8407818_x12	gcggucauGguacaguggcuagu	1
Gi3_27086505_x12	.....gguucgauucccgugCccg	1
Gi1_3893522_x12	.....Uuucgauucccgugacc	1
Gi1_3902306_x12	gacugucaNucacgugaccg	1
Gi5_8392122_x12	.....gggGucgauucccgugacc	1
Gi2_10364242_x12	ggGucgauucccgugac	1
Gi2_10357018_x12	.....guucgauucccgAgaccgc	1
Gi2_10350250_x12	gAuucgauucccgugaccgc	1
Gi5_8406642_x12	ugacugucacucacgugGccg	1
Gi1_3898694_x12	gacugucacucacguAaccg	1
Gi2_10365310_x12	.....gguucgCuucccgugaccgc	1

Gi1_3898334_x12.....	.Gcugucacucacgugacccgg.....	1
Gi3_27085365_x12.....	.Ggacugucacucacgugacc.....	1
Gi1_3899750_x12.....	.gcggucauaguGcaguggcua.....	1
Gi1a_5588707_x12.....	.....guucgaCucccgugacc.....	1
Gi3_27091005_x12.....	.....gguucgauucccgGgaccgc.....	1
Gi3_27129045_x12.....	.....Agguucgauucccgugaccgc.....	1
Gi1_3897626_x12.....	.....gacugucacucacgugGcccg.....	1
Gi2_10351186_x12.....	.....gacugucaNucacgugacccgg.....	1
Gi3_27114261_x12.....	.....gguucgauucccgAgac.....	1
Gi3_27103125_x12.....	.....uUgauucccgugaccgc.....	1
Gi3_27089673_x12.....	.....gcggucauaguacaguggcAagua.....	1
Gi1_3896438_x12.....	.....ugacugucacucacguAaccgg.....	1
Gi5_8399154_x12.....	.....guucgauucccgugaccgA.....	1
Gi2_10359310_x12.....	.....gAuucgauucccgugaccg.....	1
Gi5_8392806_x12.....	.....Cuucgauucccgugaccg.....	1
Gi5_8397918_x12.....	.....guucgauAcccgugacc.....	1
Gi1a_5591671_x12.....	.....guucgaCucccgugaccgc.....	1
Gi3_27094377_x12.....	.....cUcucacgugacccggguuc.....	1
Gi3_27128673_x12.....	.....cUugacugucacucacgugacc.....	1
Gi3_27085605_x12.....	.....gguucgauAcccgugaccg.....	1
Gi1_3893450_x12.....	.....ugacugucNcucacgugacccg.....	1
Gi3_27110289_x12.....	.....guucgauuccCgugacc.....	1
Gi5_8406126_x12.....	.....Acggucauaguacaguggcuag.....	1
Gi2_10357990_x12.....	.....gguucgauucccgugaA.....	1
Gi5_8398218_x12.....	.....gacugucacucCcgugacccg.....	1
Gi2_10346698_x12.....	.....guucgCuucccgugaccg.....	1
Gi5_8404158_x12.....	.....gcggucauaguacGguggc.....	1
Gi3_27091569_x12.....	.....guucgUuucccgugacc.....	1
Gi5_8405154_x12.....	.....guucgCuucccgugaccg.....	1
Gi5_8392374_x12.....	.....gacugucGcucacgugacccg.....	1
Gi3_27111669_x12.....	.....gcggAcauaguacagugg.....	1
Gi5_8415382_x11.....	.....Cucgauucccgugaccg.....	1
Gi3_27142523_x11.....	.....gacugucacucacgugCcccgg.....	1
Gi5_8430155_x11.....	.....gcggucauaguacGguggcuagua.....	1
Gi3_27141357_x11.....	.....gguucgauuccUgugaccg.....	1
Gi1_3910018_x11.....	.....Aacugucacucacgugacccg.....	1
Gi2_10394596_x11.....	.....guucgCuucccgugacc.....	1
Gi5_8423346_x11.....	.....gguucgauucAcggugac.....	1
Gi1_3911019_x11.....	.....gcgguUauaguacaguggcua.....	1
Gi5_8420398_x11.....	.....Ccggucauaguacaguggc.....	1
Gi5_8412588_x11.....	.....guucgauAcccgugaccg.....	1
Gi3_27178130_x11.....	.....gguucgaAuucccgugacc.....	1
Gi3_27181320_x11.....	.....gacuAucacucacgugacccgg.....	1
Gi2_10393001_x11.....	.....gAuucgauucccgugac.....	1
Gi5_8421652_x11.....	.....guucgauuAcccgugaccg.....	1
Gi3_27167724_x11.....	.....guUaccggguucgauucc.....	1
Gi3_27157131_x11.....	.....gguucgauucccgugacG.....	1

Gi3_27146043_x11	.....gguucgauAcccgugaccgc	1
Gi2_10394035_x11	.....guucgauucccgUugaccgcg	1
Gi5_8422268_x11	.....gcggucgauaguacaguggcuagG	1
Gi1_3907994_x11	.....Acggucgauaguacagugg	1
Gi3_27177855_x11	.....gacugucacucacgugacUcg	1
G1a_5615233_x11	.....gcggucgauaguacCguggcuagu	1
G1a_5613968_x11	.....gucauaguacaguggcCag	1
Gi5_8412412_x11	.....guucUauucccgugaccgc	1
Gi2_10397643_x11	.....Gcgauucccgugaccgcg	1
Gi5_8426327_x11	.....gcggucgauaguacaguggcCag	1
Gi2_10370649_x11	.....gguucgGuucccgugaccgcg	1
Gi3_27163258_x11	.....cacucacAugaccggguuc	1
Gi5_8429011_x11	.....gguucgauNcccgugaccg	1
Gi5_8412390_x11	.....gcggucgauaguacagugUcua	1
G1a_5602088_x11	.....gcggucgauaguacaguggcuagC	1
Gi2_10378195_x11	.....gcUgucgauaguacaguggc	1
Gi3_27185148_x11	.....guucgUuucccgugaccgc	1
Gi3_27185412_x11	.....uucgGuucccgugaccgcg	1
Gi1_3904540_x11	.....uucgauucccgugaccgcgCc	1
Gi1_3913395_x11	.....gacugucacucacgugaccUgg	1
Gi5_8423280_x11	.....ugGcugucacucacgugaccgg	1
Gi5_8430221_x11	.....gcUgucgauaguacaguggcuagu	1
Gi1_3906817_x11	.....Uugacugucacucacgugacc	1
Gi5_8419276_x11	.....gguucgauuccUgugaccgc	1
Gi5_8416328_x11	.....ggGucgauucccgugaccgcg	1
Gi3_27165051_x11	.....gcggucgauGguacagugg	1
Gi3_27139784_x11	.....gcAgucgauaguacagugg	1
Gi3_27157076_x11	.....ucgGuucccgugaccgc	1
Gi2_10388568_x11	.....gguucgauucUcggugac	1
Gi5_8428824_x11	.....gguCcgauucccgugaccgcg	1
Gi5_8422818_x11	.....gguCcgauucccgugaccgc	1
Gi5_8410465_x11	.....gacugucacucacgugaAccg	1
Gi5_8418121_x11	.....gcggucgauaguacaguggcuaguaugcg	0
Gi5_8414348_x11	.....gcggucgauaguacaguggcuCgu	1
Gi5_8430529_x11	.....guucgaCucccgugaccgcg	1
Gi2_10383783_x11	.....guucgauucccgAugaccgc	1
Gi5_8418770_x11	.....Cacugucacucacgugaccgg	1
G1a_5611449_x11	.....Aguucgauucccgugac	1
G1a_5612461_x11	.....gUguucgauucccgugaccg	1
Gi1_3905640_x11	.....ugacugAcacucacgugaccgg	1
Gi2_10371320_x11	.....gguucgauucccgugCccggcgc	1
Gi5_8418858_x11	.....guucgauucccCgugacc	1
Gi1_3911767_x11	.....gcggucgauGguacaguggcu	1
Gi3_27184950_x11	.....gCuucgauucccgugaccg	1
Gi2_10388678_x11	.....gguucgauucccgugacAgc	1
Gi2_10377194_x11	.....guucgauucccgugUccg	1
Gi5_8414953_x11	.....guucgaGuucccgugaccgc	1

Gi3_27172729_x11	.....uucgaCucccgugaccgc	1
Gi5_8426965_x11	.....gAucgauucccgugaccgc	1
Gi3_27157846_x11	.....ucgauucccgugGccgcg	1
Gi5_8415184_x11	.....gguucgaCucccgugac	1
Gi1a_5611680_x11	.....gcggucauNguacagugguagu	1
Gi5_8430804_x11	.....gcggucauaguacagCgg	1
Gi3_27169825_x11	.....guucgauuAcccgugaccg	1
Gi5_8413050_x11	.....guucgauucccgugGccgcg	1
Gi2_10381880_x11	.....gCuucgauucccgugac	1
Gi2_10370396_x11	.....guucgauAcccgugacc	1
Gi1_3905310_x11	.....ugacugucacucacgugaccgc	1
Gi2_10386049_x11	.....gcggucauaguacaguggu	0
Gi5_8419177_x11	.....guucgauucccgAugaccg	1
Gi3_27146791_x11	.....guucgauuccAggugacc	1
Gi2_10381209_x11	.....Aacugucacucacgugaccgc	1
Gi5_8424094_x11	.....gacugucacAcacgugaccgc	1
Gi2_10370044_x11	.....guucgauucccgugaccgcggc	0
Gi5_8417263_x11	.....guucgauucccgugUccg	1
Gi3_27168428_x11	.....gacugAcacucacgugaccgc	1
Gi3_27171728_x11	.....cUauucccgugaccgcggcuuu	1
Gi5_8410454_x11	.....gguucgauucccgugCccgc	1
Gi3_27169154_x11	.....gguuAgauucccgugaccgc	1
Gi4_518300_x11	.....guucgauucccgugaccgcgC	1
Gi3_27162290_x11	.....gcggucaCaguacagugg	1
Gi2_10372981_x11	.....guAcgauucccgugacc	1
Gi2_10397632_x11	.....gguucgauucccgugaAcgcg	1
Gi5_8439616_x10	.....gcggucauaguacagCggcuagua	1
Gi3_27207312_x10	.....gacugucacucacgugacAcgg	1
Gi3_27198352_x10	.....guucCauucccgugaccgc	1
Gi3_27225082_x10	.....gguuAgauucccgugac	1
Gi2_10426922_x10	.....gcggCcauaguacaguggc	1
Gi2_10423132_x10	.....Gucgauucccgugaccgc	1
Gi2_10411392_x10	.....cacucacgugaccgcggCuc	1
Gi1_3919554_x10	.....ugacugucacucacgugGccg	1
Gi3_27222302_x10	.....ggAucgauucccgugaccg	1
Gi4_519899_x10	.....guucgauucccgugaccgcgCcu	1
Gi3_27208842_x10	.....Uugacugucacucacgug	1
Gi3_27202142_x10	.....guucgauucccguaAacc	1
Gi2_10407462_x10	.....guucUauucccgugaccgcg	1
Gi1_3928294_x10	.....gacugucacAcacgugaccgc	1
Gi3_27219312_x10	.....gguucgauucccgugUccgcg	1
Gi3_27198942_x10	.....gacugucacucacAugaccg	1
Gi1_3922334_x10	.....gaUugucacucacgugaccgc	1
Gi1_3925424_x10	.....gacuAucacucacgugaccgc	1
Gi2_10399582_x10	.....guucgauucccgugaccgcgAc	1
Gi1_3927814_x10	.....gcUgucauaguacagugg	1
Gi2_10409582_x10	.....aGucacgugaccgcggguuc	1

Gi1_3922874_x10.....gUuucgauucccgugaccg..... 1
 Gi5_8441636_x10.....gcggucauaguacCguggcuag..... 1
 Gi3_27234062_x10.....guucgauuccAggugaccgcg..... 1
 Gi2_10416172_x10.....guucgauucccgugacA..... 1
 Gi3_27236392_x10.....uAacugucacucacgugaccg..... 1
 Gi2_10412902_x10.....uGcgauucccgugaccgc..... 1
 Gi3_27223872_x10.....ggUGcgauucccgugaccgcg..... 1
 Gi3_27195592_x10.....ggucgauuccGggugacc..... 1
 Gi5_8446546_x10.....gCuucgauucccgugaccgc..... 1
 Gi2_10403962_x10.....ggUCcgauucccgugaccgc..... 1
 Gi5_8440256_x10.....gGucgauucccgugaccgcgguu..... 1
 Gi3_27236022_x10.....Augacugucacucacgugaccg..... 1
 Gi3_27227812_x10.....gguuGgauucccgugac..... 1
 Gi3_27194612_x10.....ggUucgauuccUggugaccg..... 1
 Gi2_10424822_x10.....ggAucgauucccgugaccgc..... 1
 Gi2_10423972_x10.....guucgauucccgugaccgAg..... 1
 Gi2_10400062_x10.....gUuucgauucccgugaccgcggu..... 1
 Gi3_27231772_x10.....gcAgucauaguacaguggc..... 1
 Gi2_10399472_x10.....gggGucgauucccgugacc..... 1
 Gi3_27209302_x10.....ggucgauucccgugaccgAg..... 1
 Gi3_27209942_x10.....gcggucGuaguacagugg..... 1
 Gi3_27228192_x10.....ggUucgCuucccgugaccg..... 1
 Gi5_8438466_x10.....gacugucacucacguAaccg..... 1
 Gi3_27220232_x10.....guucgauucccgugaccgGg..... 1
 Gi2_10413872_x10.....auucccgugaccgcgCcu..... 1
 Gi3_27200762_x10.....ucgaCuucccgugaccgc..... 1
 Gi3_27206992_x10.....Gcgugaccgguucgauucc..... 1
 Gi3_27223732_x10.....Uacucacgugaccggu..... 1
 Gi5_8435296_x10.....guucgauucccgugaccgUc..... 1
 Gi4_518869_x10.....Uuucgauucccgugacc..... 1
 Gi3_27231962_x10.....cacucacgCgaccggu..... 1
 Gi2_10418882_x10.....guucgauucccgugaccg..... 1
 Gi5_8453096_x10.....gacuUucacucacgugaccg..... 1
 Gi2_10428182_x10.....gacugucacucacgugaAccg..... 1
 Gi3_27234292_x10.....gcggucauaguaUaguggc..... 1
 Gi5_8437286_x10.....gacugucaUucacgugaccg..... 1
 Gi5_8448256_x10.....gguuUgauucccgugaccgc..... 1
 Gi1_3926714_x10.....gcggucGuaguacaguggcua..... 1
 Gi2_10420002_x10.....ggAucgauucccgugac..... 1
 Gi2_10420442_x10.....gCuucgauucccgugaccg..... 1
 Gi5_8448896_x10.....gcggucauaguacaguggcuaguC..... 1
 Gi3_27209452_x10.....guuAgauucccgugaccg..... 1
 Gi5_8443296_x10.....ggucgauuccUggugaccgc..... 1
 Gi2_10419982_x10.....gacugucacucCcgugaccg..... 1
 Gi2_10398092_x10.....Uggucgauucccgugac..... 1
 Gi5_8435446_x10.....gAuucgauucccgugaccgc..... 1
 Gi5_8444126_x10.....gcggucauaguacGgugg..... 1

Gi3_27207832_x10.....	.guucgauucccgAugaccg.....	1
Gi2_10414912_x10.....	.gguucgauucccgAgaccgc.....	1
Gi3_27208652_x10.....	.ucgauucccgGgaccgc.....	1
Gi5_8453036_x10.....	.gcggucauaguGcaguggc.....	1
Gi1_3916664_x10.....	.gacuguUacucacgugaccgg.....	1
Gi3_27189862_x10.....	.uucgauucNcggugaccgc.....	1
Gi3_27204432_x10.....	.ucgauCcccggugaccgg.....	1
Gi5_8440016_x10.....	.guucgauuccAggugacc.....	1
Gi1a_5617457_x10.....	.gguucgGuuccggugacc.....	1
Gi5_8444026_x10.....	.gcggucauaguacagCggc.....	1
Gi3_27196192_x10.....	.guucgauucccgugaccggg.....	0
Gi5_8434816_x10.....	.gacuguUacucacgugaccgg.....	1
Gi1a_5620757_x10.....	.gguucgauucccgugGcc.....	1
Gi3_27189632_x10.....	.guuNgauucccgugacc.....	1
Gi2_10419472_x10.....	.gguucgauucccgGgac.....	1
Gi3_27188802_x10.....	.gcggucUauaguacaguggc.....	1
Gi1_3927784_x10.....	.cgauuccggugaccgC.....	1
Gi1_3926684_x10.....	.gcggucauNguacagugg.....	1
Gi2_10404542_x10.....	.gguucgauucccgugaccAc.....	1
Gi5_8437906_x10.....	.gcggucauagCacaguggcua.....	1
Gi1_3924954_x10.....	.ugacugucacucacgugUcccgg.....	1
Gi5_8431686_x10.....	.gacugucacucacgugaccgA.....	1
Gi5_8439726_x10.....	.gacugucacCcacgugaccgg.....	1
Gi5_8441826_x10.....	.guucgauucccgGgaccg.....	1
Gi2_10421952_x10.....	.guucgauAcccgugaccg.....	1
Gi3_27193572_x10.....	.gacugucUcucacgugaccgg.....	1
Gi5_8440486_x10.....	.guucgauUccggugaccg.....	1
Gi3_27189642_x10.....	.guucgauucccgugaccCcg.....	1
Gi5_8450366_x10.....	.gguCcgauucccgugac.....	1
Gi3_27211982_x10.....	.uCcgauucccgugaccgg.....	1
Gi3_27216012_x10.....	.gcggucauaguacagugAc.....	1
Gi3_27204892_x10.....	.gGgacugucacucacgugaccgg.....	1
Gi3_27227572_x10.....	.Gcacgugaccggguucgauuc.....	1
Gi4_519749_x10.....	.Uguucgauucccgugacc.....	1
Gi5_8431236_x10.....	.gcggucauaguacCguggcuagu.....	1
Gi2_10415162_x10.....	.gguucgauuccUggugac.....	1
Gi1_3922084_x10.....	.gacugucCucacgugaccgg.....	1
Gi3_27274627_x9.....	.auucccgugaccgCcu.....	1
Gi2_10440471_x9.....	.guAcgauucccgugaccgc.....	1
Gi5_8460210_x9.....	.gacugucacucacgugUcccgg.....	1
Gi3_27245674_x9.....	.gacugucacuUacgugaccgg.....	1
Gi5_8464089_x9.....	.gUguucgauucccgugaccgc.....	1
Gi5_8460336_x9.....	.gguucgaCuuccggugaccgg.....	1
Gi2_10438311_x9.....	.gUguucgauucccguga.....	1
Gi2_10455510_x9.....	.gacuUucacucacgugaccgg.....	1
Gi5_8466789_x9.....	.gcggucauaguacagAggcuagu.....	1
Gi3_27252010_x9.....	.gacAgucacucacgugaccgg.....	1

Gi3_27280432_x9	.Gcacgugacccggguucgauuccc	1
Gi5_8474727_x9	.ggCucgauuccggugaccg	1
Gi3_27275230_x9	.gacugucaUucacgugacccgg	1
Gi3_27253936_x9	.ucgGuucccgugaccg	1
Gi3_27255088_x9	.guuAgauuccggugaccg	1
Gi3_27299035_x9	.cacucacgugacccggguCc	1
Gi5_8471694_x9	.guucgauuccCgugaccg	1
Gi5_8468094_x9	.guucgauuccAgugaccg	1
Gi2_10439148_x9	.gguucgauuccggugaccggcA	1
Gi5_8460615_x9	.gcgguCguaguacaguggcuagua	1
Gi5_8471010_x9	.gacugucacucaAgugacccgg	1
Gi5_8460489_x9	.uCcgauuccggugaccg	1
Gi1a_5637352_x9	.guucgaCucccgugaccg	1
Gi3_27293455_x9	.guucgUuucccgugaccg	1
Gi5_8454018_x9	.guucgauuccggugCccg	1
Gi1a_5653534_x9	.guucgauuccggCgaccg	1
Gi5_8463216_x9	.ggGucgauuccggugac	1
Gi2_10429473_x9	.gguucgauuccAgugaccg	1
Gi3_27258355_x9	.gguucgauGcccgugacc	1
Gi5_8456043_x9	.gcggucauaguacaguggcuGg	1
Gi5_8467293_x9	.gguucgaCucccgugaccg	1
Gi3_27298585_x9	.ugacugucacucacgugacUcgg	1
Gi1_3940975_x9	.gcggucauaguacagCggcua	1
Gi3_27306856_x9	.gacugucacucacgugaccAgg	1
Gi5_8473827_x9	.gcbgCcauaguacaguggcua	1
Gi5_8463513_x9	.ggAucgauuccggugaccg	1
Gi5_8460660_x9	.Ucggucguaguacaguggcuaguaugcgu	1
Gi3_27300484_x9	.gcbgGcauaguacagugg	1
Gi3_27276850_x9	.gGcugucacucacgugacc	1
Gi3_27289360_x9	.gggCucgauuccggugaccg	1
Gi5_8472306_x9	.uucgauuccggugaccgC	1
Gi3_27280495_x9	.cacucacgugacccggCucga	1
Gi3_27291169_x9	.gGccggguucgauuccc	1
Gi3_27288262_x9	.ugacugucacucacgugGccgg	1
Gi5_8457330_x9	.gacuAucacucacgugacccgg	1
Gi3_27263539_x9	.ugacugucacucacgugaccAg	1
Gi2_10435323_x9	.gGgacugucacucacgugaccg	1
Gi2_10439994_x9	.guucgauucUcggugaccg	1
Gi3_27287470_x9	.gacugucacucacguAaccgg	1
Gi1_3933667_x9	.Uucauaguacaguggcuagu	1
Gi5_8466654_x9	.guucUauuccggugaccg	1
Gi2_10457247_x9	.guAcgauuccggugaccg	1
Gi1a_5637073_x9	.Gucgauuccggugaccg	1
Gi2_10439598_x9	.gAuucgauuccggugaccg	1
Gi5_8459373_x9	.gguucgauuccggugaccgA	1
Gi3_27298891_x9	.gaUugucacucacgugacc	1
Gi5_8475105_x9	.gguucgauuccggugCccg	1

Gi1_3939760_x9.....Cacugucacucacgugaccgg..... 1
 Gl1a_5653633_x9.....Ccggucauaguacaguggcuagu..... 1
 Gi2_10443630_x9.....guucgauucccgugaccgCA..... 1
 Gi2_10455483_x9.....caUucacgugaccgggu..... 1
 Gi3_27300214_x9.....gguucgauucccgguCac..... 1
 Gi3_27296785_x9.....ggguucgauucccgugGccgcg..... 1
 Gi2_10432569_x9.....gguucgauuccAgugaccg..... 1
 Gi5_8459679_x9.....guucgCuucccgugaccgC..... 1
 Gi2_10449669_x9.....gguucgauucccgugCccgc..... 1
 Gi3_27293095_x9.....ucgaCucccgugaccgcg..... 1
 Gi3_27263800_x9.....gGgacugucacucacgugacc..... 1
 Gi3_27297550_x9.....gcggucauaguacaguAg..... 1
 Gi3_27256510_x9.....gguucgauucccgguAac..... 1
 Gi2_10459011_x9.....gCuucgauucccgugaccgC..... 1
 Gi3_27280999_x9.....ggUuucgauucccgugacc..... 1
 Gi3_27246367_x9.....gcggucauaguGcaguggc..... 1
 Gi3_27268714_x9.....ggguucgauAcccgugaccgc..... 1
 Gi1_3938662_x9.....gcggucaCaguacaguggcua..... 1
 Gi2_10429212_x9.....gCguucgauucccgugaccg..... 1
 Gi2_10436664_x9.....guucgauucccgGgaccgcg..... 1
 Gi2_10452576_x9.....gcgguucGuaguacaguggc..... 1
 Gi1_3929770_x9.....Uguucgauucccgugacc..... 1
 Gi5_8470938_x9.....gcggucauaguacaguggUua..... 1
 Gi3_27254935_x9.....gacugucacAcacgugaccgg..... 1
 Gi2_10438680_x9.....guucgauucccgAgaccg..... 1
 Gi3_27303211_x9.....ugacugucacucacgugaccUgg..... 1
 Gi2_10442064_x9.....gguucgauucccgGcaccg..... 1
 Gi1_3936187_x9.....gauucccgugacccgC..... 1
 Gi1_3931345_x9.....gacugucacucacgugaccggU..... 1
 Gi1_3936583_x9.....ugacugucacucacgugaUccgg..... 1
 Gi5_8454369_x9.....gcggucauaguacaguggcuG..... 1
 Gi3_27272269_x9.....acugucacNcacgugaccgg..... 1
 Gl1a_5638945_x9.....Acggucauaguacaguggcuagu..... 1
 Gi1_3929734_x9.....gGucgauucccgugacc..... 1
 Gi2_10446240_x9.....guucgauucccgugaAccgcg..... 1
 Gi3_27271387_x9.....gggCucgauucccgugaccgcg..... 1
 Gi5_8454387_x9.....guucgauuAccggugacc..... 1
 Gi3_27275761_x9.....uucgauucccgGcaccgcg..... 1
 Gi5_8476671_x9.....aGaguacaguggcuagua..... 1
 Gi3_27303391_x9.....gguucgauucccgugaccgA..... 1
 Gi2_10435062_x9.....gguucgauuUcggugaccgC..... 1
 Gi2_10450875_x9.....gguucAauucccgugaccg..... 1
 Gi5_8470092_x9.....gcAgucauaguacaguggcuaguau..... 1
 Gi1_3929482_x9.....gcggucauaguacaguggcCagu..... 1
 Gi2_10452414_x9.....gguucgauuccUgugaccgC..... 1
 Gi2_10454043_x9.....guucgauucccgugaUcgc..... 1
 Gi5_8485497_x8.....gcggucauaguacaguggcuGguau..... 1

Gi3_27348377_x8.....	guucgaGucccgugaccg.....	1
Gi3_27361889_x8.....	acgugaccNggguucgauucc.....	1
Gi5_8489433_x8.....	guucgauucccgugacUgcg.....	1
Gi5_8479081_x8.....	gcggucauaguacaguggcuaguCu.....	1
G1a_5666945_x8.....	gguucgauNcccgugaccg.....	1
Gi2_10478930_x8.....	gguuAgauucccgugacc.....	1
Gi5_8494401_x8.....	gcggucauaguacCgugg.....	1
Gi2_10475418_x8.....	guucgauucccgguAaccgc.....	1
Gi3_27363497_x8.....	cacucacgugGcccggguuc.....	1
Gi3_27352473_x8.....	gcggucauaguacaAugg.....	1
Gi5_8495217_x8.....	Ccggucauaguacaguggcuaguau.....	1
Gi1_3955949_x8.....	ugacugucacAcacgugaccg.....	1
Gi1_3951973_x8.....	ggguucgauucccgugacc.....	0
Gi3_27324129_x8.....	gcggucauaguacaguggU.....	1
Gi2_10489690_x8.....	gguucgauUccggugaccgc.....	1
Gi2_10495578_x8.....	gguucgauucccgguCac.....	1
Gi5_8477001_x8.....	Cguucgauucccgugaccg.....	1
Gi3_27308729_x8.....	cUcucacgugaccggguucga.....	1
Gi2_10462738_x8.....	gguucgauUccggugacc.....	1
Gi3_27321745_x8.....	gacugucacucaAgugaccg.....	1
Gi5_8479337_x8.....	Agacugucacucacgugaccg.....	1
Gi3_27363841_x8.....	gacugucGcucacgugacc.....	1
Gi3_27353097_x8.....	ggguucgaNucccgugacc.....	1
Gi5_8494721_x8.....	gguucgauuccAggugacc.....	1
Gi2_10481098_x8.....	gguucAauucccgugac.....	1
Gi2_10469130_x8.....	gacugucacucacgugGcccg.....	1
Gi5_8496009_x8.....	guucgauuccUggugaccg.....	1
Gi3_27335897_x8.....	gacugucacucacgugUccc.....	1
G1a_5669529_x8.....	gguucgauucccgugaUc.....	1
Gi2_10464314_x8.....	Agguucgauucccgugaccgc.....	1
Gi5_8493857_x8.....	guucgauucccgAgaccgc.....	1
Gi5_8502361_x8.....	Ucugucacucacgugaccg.....	1
Gi5_8493665_x8.....	gguucgGuucccgugaccg.....	1
Gi5_8499241_x8.....	ucgauucccgugaccgC.....	1
Gi3_27354673_x8.....	guucgauucccgCugaccg.....	1
Gi5_8482873_x8.....	ugacugucUcucacgugaccg.....	1
Gi5_8502009_x8.....	Ccggucauaguacaguggcuagua.....	1
Gi5_8499585_x8.....	guucgauucccgguAaccgc.....	1
Gi2_10473642_x8.....	gguucgauuccAgugac.....	1
Gi3_27349577_x8.....	gaUugucacucacgugacc.....	1
Gi3_27334921_x8.....	caUucacgugaccggguucga.....	1
Gi3_27324441_x8.....	aGugucacucacgugaccg.....	1
Gi5_8494017_x8.....	ggCucgauucccgugaccg.....	1
Gi2_10483530_x8.....	gguucgCuucccgugac.....	1
Gi2_10474138_x8.....	guucgauucccgugCccg.....	1
Gi5_8491161_x8.....	gGggucauaguacaguggcuaguau.....	1
Gi1_3946357_x8.....	Ugucauaguacaguggcua.....	1

Gi3_27326825_x8	.....gguAcgauuucccgugaccgcg	1
Gi3_27371505_x8	.....ucAauucccgugaccgcg	1
Gi5_8483985_x8	.....gAucgauuucccgugaccg	1
Gi3_27308825_x8	.....gGgacugucacucacguga	1
Gi2_10494386_x8	.....gAucgauuucccgugaccgcg	1
Gi3_27359793_x8	.....cacucacgugaccGggguuc	1
Gi1_3946445_x8	.....gacugCcacucacgugaccg	1
Gl1a_5660681_x8	.....gGggucauaguacaguggcuagu	1
Gi3_27351641_x8	.....guuAgauuucccgugacc	1
Gi3_27363865_x8	.....Agguucgauuucccgugaccg	1
Gi2_10498514_x8	.....gcggucauaguGcaguggc	1
Gi1_3946293_x8	.....gacugucacucacgugaccAgg	1
Gi2_10464170_x8	.....guucgauuucccgguAaccg	1
Gi3_27328841_x8	.....Gcucacgugaccggguu	1
Gi2_10493594_x8	.....guucgauuucccgugaccgcgA	1
Gi2_10483058_x8	.....gggGucgauuucccgugaccgcg	1
Gi3_27348185_x8	.....gugaccggguucgauuuccggu	0
Gi3_27357169_x8	.....ugacugucacucacgugaccAgg	1
Gl1a_5664945_x8	.....gcAgucauaguacaguggcuagu	1
Gi3_27331305_x8	.....gcggucauGcuacagugg	1
Gi2_10469778_x8	.....cUugaccggguucgauuc	1
Gi1_3951117_x8	.....ugUcugucacucacgugaccg	1
Gi5_8491529_x8	.....gguucgauuucccgugaccgcgA	1
Gi1_3951485_x8	.....acGgucacucacgugaccg	1
Gi5_8483065_x8	.....guAcgauuucccgugaccg	1
Gi5_8494105_x8	.....gAuucgauuucccgugac	1
Gi2_10488538_x8	.....guucgauuucccgugaccgC	1
Gi2_10485402_x8	.....gguucgauuucUcggugaccgcg	1
Gi2_10495058_x8	.....gguuGgauuucccgugaccgc	1
Gl1a_5669065_x8	.....gguucgauuucccgGgacc	1
Gi1_3945821_x8	.....gacugucacucacAugaccgg	1
Gi2_10468482_x8	.....gguucgCuucccgugaccgcg	1
Gi1_3950989_x8	.....gUcugucacucacgugaccg	1
Gi5_8481473_x8	.....gcUgucauaguacaguggcuag	1
Gi3_27353257_x8	.....gguucgauuucUcggugaccg	1
Gi3_27311081_x8	.....gcggucauaguCcagugg	1
Gi3_27376201_x8	.....gguucgauuucccgugaAcg	1
Gi5_8477521_x8	.....gUggucauaguacaguggcuag	1
Gi1_3951981_x8	.....ugacugucacucacgugaccgU	1
Gi3_27311001_x8	.....gguucgauuucccgugaccgG	1
Gi5_8491097_x8	.....guucgauuucccgugaccAc	1
Gi2_10490674_x8	.....gguucgauuAccggugaccgc	1
Gi3_27370777_x8	.....Uugacugucacucacgugacc	1
Gi3_27374505_x8	.....gacAgucacucacgugaccg	1
Gi5_8496985_x8	.....gguucgauCcccggugaccgc	1
Gi5_8497121_x8	.....guucgauuUccggugaccgc	1
Gi2_10496018_x8	.....gguucgUuucccgugacc	1

Gi5_8490273_x8	uuUgauucccgugaccg	1
Gi3_27340865_x8	gggGucgauucccgugaccg	1
Gi1_3956805_x8	uAacugucacucacgugaccg	1
Gi5_8498961_x8	gacugucUcucacgugaccg	1
Gi2_10475026_x8	guucgauucccgugacAg	1
Gi3_27325217_x8	gguuGgauucccgugaccg	1
Gi5_8500041_x8	gcggAcauaguacaguggcuagu	1
Gi2_10465898_x8	uUacugucacucacguga	1
Gi5_8485649_x8	gcggucgauaguacaguggcuCg	1
Gi2_10494234_x8	gacugucacCcacgugaccg	1
Gi2_10462538_x8	guuUgauucccgugaccg	1
Gi5_8500929_x8	gcggucgauaguacagCggcuag	1
Gi4_524912_x8	gguCcgauucccgugacc	1
Gi2_10470346_x8	gcggucgauaguacCguggc	1
Gi3_27360329_x8	guucgauucccgCugaccg	1
Gi5_8500025_x8	gguucAauucccgugaccg	1
Gi2_10483514_x8	guucgauucccgAugacc	1
Gi5_8478681_x8	ucgauuccNggugaccg	1
Gi5_8499801_x8	guucgauucccgAgacc	1
Gi5_8485857_x8	gcggucgauaguacaguggcuaguaC	1
Gi5_8479417_x8	gcggAcauaguacaguggc	1
Gi2_10481162_x8	guucgauucccgguAacc	1
Gi5_8484449_x8	gcggucgauaguCcacguggcuagu	1
Gi3_27330777_x8	gacugucCcacgugacc	1
Gi1_3942541_x8	gcggucgauaguacaguggcuaguauAcg	1
Gi5_8478609_x8	guucgauuUccggugaccg	1
Gi2_10483738_x8	guucgauucAcggugaccg	1
Gi2_10474666_x8	gacugucGcucacgugaccg	1
Gi3_27314097_x8	gcggucgauaguCcacguggc	1
Gi3_27343273_x8	cacucGcgugaccggguucga	1
Gi1_3953469_x8	gacugAcacucacgugaccg	1
Gi3_27334473_x8	uucgauucccgugaccAcg	1
Gi5_8488729_x8	gcggGcauaguacaguggcu	1
Gi2_10482418_x8	guucgauucccgugaccgUg	1
Gi2_10473314_x8	guucgauuccUggugaccg	1
Gi5_8483745_x8	guucgauucccgugaccAcg	1
Gi3_27348985_x8	gguucgauuccAggugac	1
Gi5_8479873_x8	guucgauuccGggugacc	1
Gi3_27311329_x8	Uguucgauucccgugaccg	1
Gi1_5662641_x8	gguucgaCucccgugacc	1
Gi5_8484129_x8	uucgGuucccgugaccg	1
Gi1_5690255_x7	gGcauaguacaguggcuag	1
Gi3_27438549_x7	gguucgauucccgugacUg	1
Gi1_3968196_x7	ugacugucacucCcgugaccg	1
Gi5_8503935_x7	gcggucgauagCacaguggcuagu	1
Gi3_27399321_x7	gcUgucgauaguacaguggc	1
Gi1_3971556_x7	gUggucgauaguacagugg	1

Gi5_8516493_x7		gguucgauucccAgugac	1
Gi3_27455461_x7	gcggucCuaguacagugg		1
Gi3_27422414_x7	gcggucgauaguacagCgg		1
Gi5_8528477_x7		gguucAauucccgugaccg	1
Gi3_27426257_x7		cAauucccgugaccg	1
Gi3_27418795_x7		cGcucacgugaccggguu	1
Gi1_3961273_x7	uCacugucacucacgugaccg		1
Gi5_8530997_x7		gacugucCcucacgugaccg	1
Gi2_10512158_x7		gUguucgauucccgugac	1
Gi2_10499978_x7		guucgauucccgugaccgU	1
Gi5_8527252_x7		ugacugucacucacgCgaccgg	1
Gi3_27424899_x7		gggCucgauucccgugaccg	1
Gi3_27446599_x7		cacucacgugaccgggUcgauc	1
Gi2_10508175_x7		cgUuucccgugaccgGcuu	1
Gi1a_5697171_x7		uGcgauucccgugaccg	1
Gi1_3973642_x7		ugacugucacucGcgugaccg	1
Gi2_10521825_x7		Uugacugucacucacgugacc	1
Gi4_528825_x7		guucgauucccgugaccg	0
Gi3_27441013_x7		guucgauucccgugaccUcg	1
Gi3_27452696_x7		guucgauucccgugaccg	1
Gi4_529658_x7		gguucgauucccgugaccgc	0
Gi5_8525915_x7		gguucgauuccUggugac	1
Gi5_8527448_x7		gguucgCuucccgugaccg	1
Gi1_3965858_x7	gcggCcauaguacaguggcuagua		1
Gi5_8511593_x7		ucgauucccgugaccgCcu	1
Gi1_3967811_x7		ugacugucacucacgAgaccgg	1
Gi3_27383361_x7		cgauucccgugaccgCcu	1
Gi1_3958347_x7		Uguucgauucccgugaccgc	1
Gi5_8529667_x7	gcggucgauaguGcagugg		1
Gi1_3964661_x7		ugacCgucacucacgugaccg	1
Gi2_10517009_x7	gGggucgauaguacagugg		1
Gi4_528832_x7		gUuucgauucccgugacc	1
Gi1_3964955_x7		Uugacugucacucacgugaccgg	1
Gi3_27447124_x7		gguucgAUucccgugaccg	1
Gi5_8528043_x7	gAggucauaguacaguggcuagua		1
Gi5_8520805_x7		guucgauucccgugaUcg	1
Gi3_27400567_x7		ucgauucccgugaccgA	1
Gi5_8515989_x7		gguucgauuccGggugacc	1
Gi2_10517275_x7		Gucgauucccgugaccg	1
Gi3_27443008_x7		gguucgauNcccgugaccgGgc	1
Gi3_27428980_x7		ugacugucacucGcgugaccg	1
Gi5_8503032_x7		Aguucgauucccgugaccg	1
Gi3_27430415_x7		gguucgauucccgugaccgc	1
Gi3_27418970_x7		uucAauucccgugaccg	1
Gi3_27385384_x7		guucgauucccCgugaccg	1
Gi3_27435287_x7		uucgauucccgugaccg	0
Gi2_10539276_x7		gguucgauucccCgugacc	1

Gi3_27408974_x7	.....ggguucgauuccUggugacc	1
Gi3_27455930_x7	.....Ccgauucccgugaccg	1
Gi3_27413216_x7	.....gcggucauaguacaguggcu	0
Gi3_27436995_x7	.....ggguucgauucccgCgacc	1
Gi3_27449560_x7	.....ucUauucccgugaccg	1
Gi3_27391453_x7	.....cacucacgugaccggG	1
Gi2_10500734_x7	.....ggguucgauucccgugGccgc	1
Gi5_8506987_x7	.....ugacugucacuUacgugaccg	1
Gi3_27402051_x7	.....uUgauucccgugaccg	1
Gi3_27442483_x7	.....aGgugaccggguucgauucc	1
Gi3_27426103_x7	.....uucgauucNcggugaccg	1
Gi5_8506819_x7	.....gacugucacucacCugaccg	1
Gi2_10532577_x7	.....gguAcgauucccgugacc	1
G1a_5688092_x7	.....Uucauaguacaguggcuagu	1
Gi5_8510942_x7	.....guucgGuucccgugaccg	1
Gi5_8520189_x7	.....guucgauucccgugUccgc	1
G1a_5684459_x7	.....gguCcgauucccgugacc	1
Gi3_27393196_x7	.....ggguucgauuAccggugaccg	1
Gi5_8516549_x7	.....gguucgauucccgugaccAc	1
Gi1_3963030_x7	.....ugacugucCcacucgugaccg	1
Gi3_27414364_x7	.....ggguucgauucccgugUccgc	1
Gi5_8516388_x7	.....guucgauucccgugaAccg	1
G1a_5697269_x7	.....gguucgauNcccgugac	1
Gi2_10513635_x7	.....Cacugucacucacgugaccg	1
Gi5_8514281_x7	.....cUggguucgauucccgugac	1
Gi4_527026_x7	.....ggguucgauucccgugaccg	0
Gi2_10499341_x7	.....acucacguNaccggguuc	1
Gi2_10520747_x7	.....gguCcgauucccgugaccg	1
Gi3_27407490_x7	.....guucgauuccGggugaccg	1
Gi3_27426418_x7	.....ggguucgauucccgugacAg	1
Gi5_8506560_x7	.....gguucgauucUcggugaccg	1
Gi1_3957598_x7	.....ugacugCcacucacgugaccg	1
Gi5_8519391_x7	.....ggguucgauucccgugaccA	1
Gi5_8502878_x7	.....gguucgauucccgUugacc	1
Gi3_27401288_x7	.....ugGcugucacucacgugaccg	1
Gi5_8529653_x7	.....gcgguucGuaguacagugg	1
Gi5_8527021_x7	.....ggGucgauucccgugaccg	1
Gi3_27426544_x7	.....ggguucgaAuucccgugaccg	1
G1a_5701007_x7	.....gguucgauucccgugCc	1
Gi5_8504894_x7	.....gguucgauucccgguCac	1
Gi5_8507687_x7	.....guucgauucccgUugaccg	1
Gi5_8504194_x7	.....guucgauuNccggugaccg	1
Gi5_8514764_x7	.....gguAcgauucccgugac	1
Gi5_8525957_x7	.....gguucgauucccgugaAccg	1
Gi2_10502218_x7	.....guucgauucccgugUccg	1
Gi3_27453109_x7	.....ucUauucccgugaccg	1
Gi1_3965445_x7	.....ugGcugucacucacgugaccg	1

Gi1_3959467_x7.....	ucgauucccgugaccgcuU.....	1
Gi5_8507407_x7.....	gcUgucauaguacagugg.....	1
Gi5_8514337_x7.....	Uggucgauucccguga.....	1
Gi3_27442966_x7.....	ugacugucGcucacgugaccg.....	1
Gi3_27430212_x7.....	cGcucacgugaccggguucgauu.....	1
Gi5_8514771_x7.....	gUggucaguacaguggcuagua.....	1
Gi2_10517107_x7.....	gguucgauucccgugaGc.....	1
Gi3_27399006_x7.....	ggguucgGuucccgugaccg.....	1
Gi3_27413895_x7.....	gugcggucaguacaguggcCaguaugcg.....	1
Gi5_8528113_x7.....	gguucgauuccCgugacc.....	1
Gi1_3967608_x7.....	gacugucacucUcgugaccg.....	1
Gi3_27445815_x7.....	cacucacgugaccgAguucga.....	1
Gi2_10540347_x7.....	gggGucgauucccgugaccg.....	1
Gi2_10539234_x7.....	gcAgucauaguacaguggc.....	1
Gi5_8511110_x7.....	uGcgauucccgugaccgc.....	1
Gi1_3974118_x7.....	gcAgucauaguacaguggcua.....	1
Gi5_8511453_x7.....	gacugucacucacgGgaccg.....	1
Gi2_10535104_x7.....	gguucgauucccgguAaccgc.....	1
Gi3_27413874_x7.....	Gcgugaccggguucgauucc.....	1
Gi3_27430597_x7.....	ggguCcgauucccgugaccg.....	1
Gi5_8509101_x7.....	cggucuaNuacaguggcua.....	1
Gi5_8518411_x7.....	ugacGgucacucacgugaccg.....	1
Gi3_27430905_x7.....	gguuGgauucccgugaccg.....	1
Gi3_27453053_x7.....	gacugucUcucacgugaccg.....	1
Gi3_27448251_x7.....	gugacuguNacucacgugaccg.....	1
Gi5_8513854_x7.....	guucgauCcccggugaccg.....	1
Gi1_5690465_x7.....	gAuucgauucccgugacc.....	1
Gi2_10516400_x7.....	gguucgauuccUggugaccg.....	1
Gi3_27389045_x7.....	gcggucauaguacUguggc.....	1
Gi5_8508163_x7.....	gcbggGcauaguacaguggcuag.....	1
Gi3_27398425_x7.....	cacucGcgugaccgggu.....	1
Gi5_8509969_x7.....	gacugucacucacgugaUccgg.....	1
Gi3_27394869_x7.....	gacuguUacucacgugaccg.....	1
Gi3_27402758_x7.....	guucgauucccgguCaccgc.....	1
Gi2_10517373_x7.....	gguucgCuucccgugaccg.....	1
Gi1_3963653_x7.....	gcbggucGuaguacaguggcuagua.....	1
Gi3_27424689_x7.....	ucgauucUcggugaccgc.....	1
Gi3_27400336_x7.....	gguucgaAuucccgugac.....	1
Gi2_10526172_x7.....	gcbggucaguacaguggcuaguau.....	0
Gi3_27409835_x7.....	gguucCauucccgugacc.....	1
Gi1_3968084_x7.....	ugacugucaUucacgugaccg.....	1
Gi3_27454915_x7.....	cacCcacgugaccggguuc.....	1
Gi3_27396983_x7.....	cacCcacgugaccggguucga.....	1
Gi5_8521750_x7.....	gguucgauucccgugaUcgc.....	1
Gi5_8519020_x7.....	gguucgauUccggugac.....	1
Gi5_8530717_x7.....	gcbggucaguUcaguggcuagu.....	1
Gi1_3972053_x7.....	gacugucacucacgGgaccg.....	1

Gi5_8519083_x7	.gcggucanGnuacaguggcuaguau	1
Gi1_3961735_x7	.acugucacucacgCgacccgg	1
Gi2_10502589_x7	.gguucgauucccgugaccA	1
Gi1_3960237_x7	.ugacugucacucacAugacccgg	1
Gi3_27481726_x6	.gauucccgugaccgAc	1
Gi3_27507976_x6	.gguucUauucccgugaccg	1
Gi3_27518404_x6	.guuNgauucccgugaccg	1
Gi1_3991891_x6	.gacugucGcucacgugaccg	1
Gi1a_5713258_x6	.gcggucanaguacGguggcuagu	1
Gi5_8556559_x6	.Agguucgauucccgugacc	1
Gi3_27487594_x6	.ggguucgaNucccgugaccg	1
Gi3_27460870_x6	.gacugucacucUcgugaccgg	1
Gi5_8561263_x6	.gcggucanagCacaguggc	1
Gi5_8538943_x6	.gcggucanaguGcaguggcuag	1
Gi2_10582691_x6	.guucgauucccgugaUcgcg	1
Gi5_8532607_x6	.gcUgucanaguacaguggcuaguau	1
Gi5_8544181_x6	.ugacCgucacucacgugaccgg	1
Gi5_8536369_x6	.gcggucanaguacaguAgcua	1
Gi3_27520876_x6	.Augacugucacucacgugaccgg	1
Gi5_8539147_x6	.gcggCcauaguacaguggcuaguau	1
Gi2_10570943_x6	.gguucgauucccgugCccgcg	1
Gi5_8531479_x6	.gacugucaNucacgugaccg	1
Gi5_8555911_x6	.gguNcgauucccgugacc	1
Gi2_10570799_x6	.gguucgauuAccggugacc	1
Gi2_10579595_x6	.Accggguucgauucccgugaccgg	1
Gi1_3978835_x6	.gUuucgauucccgugacc	1
Gi5_8553067_x6	.gcggucanGguacaguggcuagua	1
Gi1a_5731768_x6	.gguUgauucccgugacc	1
Gi5_8560273_x6	.guGcgauucccgugaccg	1
Gi3_27499270_x6	.guuGgauucccgugacc	1
Gi5_8542051_x6	.gguucgauucccgCugacc	1
Gi1_3991753_x6	.guucUauucccgugaccg	1
Gi5_8539219_x6	.gguucgaAuucccgugacc	1
Gi3_27465982_x6	.cGgucacucacgugaccgg	1
Gi1_3980245_x6	.ugacugucacuUacgugaccgg	1
Gi5_8558173_x6	.gacugucacucacgugaccAg	1
Gi3_27491968_x6	.gacugucacucacgugaccCg	1
Gi3_27468718_x6	.guucgauucccgugacG	1
Gi5_8542747_x6	.gguucgauuUccggugaccg	1
Gi3_27496210_x6	.gguuAgauucccgugaccg	1
Gi3_27522016_x6	.cUgaccggguucgauuccggu	1
Gi2_10587419_x6	.guucgauucccgugaccAcg	1
Gi5_8546143_x6	.gcUgucanaguacaguggcuagua	1
Gi2_10553489_x6	.guucgauucAcggugaccg	1
Gi3_27496468_x6	.ucgauucccgCgaccg	1
Gi1_3977455_x6	.gcggGcauaguacaguggcu	1
Gi2_10580609_x6	.guucgauuccgguAaccg	1

Gi2_10556519_x6.....	cUcucacgugacccgggu.....	1
Gi1_3992383_x6.....	ugaUugucacucacgugacccgg.....	1
Gi2_10562675_x6.....	.gacugucacucacgugacccAg.....	1
Gi2_10555049_x6.....	.gguucgauucccgguAaccgcg.....	1
Gi5_8556757_x6.....	.gguucgauuccUgugac.....	1
Gi3_27524506_x6.....	.gacugucacuUacgugacccg.....	1
Gi5_8534209_x6.....	.gcggucauaguacaguggcCagu.....	1
Gi1_3983467_x6.....	.Uuucgauucccgugacccg.....	1
Gi2_10551179_x6.....	.guucgauucccCgugacccg.....	1
Gi5_8557507_x6.....	.gcggucGuaguacaguggc.....	1
Gi5_8539339_x6.....	.gguCcgauucccgugacccg.....	1
Gi3_27466378_x6.....	.gcggucauaguacagAgg.....	1
Gi3_27469984_x6.....	.ugacCgucacucacgugacccg.....	1
Gi3_27548488_x6.....	.gcggucauaguacaguAgc.....	1
Gi3_27533968_x6.....	.guucgauuccGggugacccg.....	1
Gi1a_5705206_x6.....	.Auucgauucccgugacccg.....	1
Gi3_27493696_x6.....	.gguAcgauucccgugac.....	1
Gi5_8533669_x6.....	.guucgUuucccgugacccg.....	1
Gi2_10581629_x6.....	.gCuucgauucccgugacccg.....	1
Gi5_8556697_x6.....	.gguucgauucccgugaGc.....	1
Gi1a_5704678_x6.....	.gguucgauucccgugaAc.....	1
Gi1a_5726998_x6.....	.gguucgauuccAgugacc.....	1
Gi3_27498544_x6.....	.Gggguucgauucccgugacc.....	1
Gi2_10543115_x6.....	.guucgauuAccggugacccg.....	1
Gi2_10562489_x6.....	.guucgauuccCgugacc.....	1
Gi5_8549059_x6.....	.cucGcgugacccggguuc.....	1
Gi5_8551483_x6.....	.acugucacNcacgugacccggguuc.....	1
Gi3_27543124_x6.....	.gacugucacucacgugUcccgg.....	1
Gi2_10590341_x6.....	.uUgauucccgugacccg.....	1
Gi5_8558899_x6.....	.gcggCcauaguacaguggcuagua.....	1
Gi2_10559207_x6.....	.guucgauucccgUugacc.....	1
Gi5_8546449_x6.....	.gcggucauaguaUaguggcuagu.....	1
Gi5_8549869_x6.....	.cauaguacGguggcuagu.....	1
Gi5_8560573_x6.....	.ugacAgucacucacgugacccgg.....	1
Gi5_8552899_x6.....	.gcggucauaguacaguggcuUgu.....	1
Gi1a_5707642_x6.....	.gguucgauucccgCgaccg.....	1
Gi3_27472174_x6.....	.ugacugucCucacgugacccgg.....	1
Gi5_8561851_x6.....	.gguucgauucccgugacccgU.....	1
Gi2_10546931_x6.....	.gcggGcauaguacagugg.....	1
Gi5_8540755_x6.....	.gcggucCuaguacaguggcua.....	1
Gi2_10555079_x6.....	.cgauucccgugacUgcggcuu.....	1
Gi3_27471268_x6.....	.gguucgauucccgugaGcgc.....	1
Gi2_10543337_x6.....	.gguucgauucAcggugacccg.....	1
Gi2_10550603_x6.....	.Gcacgugacccggguucgauucc.....	1
Gi5_8561113_x6.....	.gcggucGguacaguggcuaguau.....	1
Gi5_8562721_x6.....	.gUggucauaguacagugg.....	1
Gi1_3978001_x6.....	.gugacugucacucacgugacccg.....	0

Gi3_27491806_x6.....	ggNucgauuuccggugacc.....	1
Gi5_8532325_x6.....	guucgaGuuccggugaccg.....	1
Gi3_27484084_x6.....	gggGucgauuuccggugaccg.....	1
Gi2_10563551_x6.....	guuAgauuuccggugaccgc.....	1
Gi3_27465478_x6.....	guUacugucacucacgugaccg.....	1
Gi3_27497164_x6.....	uucgauuuccggCgaccgc.....	1
Gi3_27480526_x6.....	Aacugucacucacgugacc.....	1
G1a_5715166_x6.....	gcUgucauaguacaguggcuagu.....	1
Gi5_8555281_x6.....	gguucgauAcccggugacc.....	1
Gi5_8540299_x6.....	gcAgucauaguacaguggcua.....	1
Gi3_27501610_x6.....	uucgauucUcggugaccgc.....	1
Gi2_10572977_x6.....	guucgUuuccggugaccg.....	1
Gi2_10550921_x6.....	cacucacgNgaccggguucga.....	1
Gi2_10558757_x6.....	gguuUgauuuccggugac.....	1
Gi2_10572269_x6.....	gguucgauuuccAgugaccgc.....	1
Gi2_10575581_x6.....	caUucacgugaccggguuc.....	1
Gi1_3993085_x6.....	gGggucauaguacaguggcuag.....	1
Gi5_8542537_x6.....	gucauaguacaguggcuagC.....	1
Gi5_8544937_x6.....	ugacugucacucacgugacUcgg.....	1
Gi3_27511642_x6.....	uucgauuuccggugGccgcg.....	1
Gi2_10561841_x6.....	gguucgGuuccggugaccg.....	1
Gi3_27527926_x6.....	guucgauuuccUgugacc.....	1
Gi3_27475840_x6.....	gacugucacAcacgugaccg.....	1
G1a_5713990_x6.....	guucgauuuccAgugacc.....	1
Gi3_27519406_x6.....	ugacugucacucacgugacAcg.....	1
Gi3_27533008_x6.....	guucgauuuccgguCaccg.....	1
Gi2_10559855_x6.....	guucgauuuccggugaUcg.....	1
Gi2_10552115_x6.....	gcggucauaguacaguggcuag.....	0
Gi3_27541102_x6.....	gAguucgauuuccggugacc.....	1
Gi5_8531731_x6.....	guucgaGuuccggugacc.....	1
Gi5_8554711_x6.....	guucgUuuccggugaccg.....	1
Gi5_8559607_x6.....	Uugacugucacucacgugacc.....	1
Gi5_8546167_x6.....	cGcacgugaccggguuc.....	1
Gi2_10543769_x6.....	gguucgauuuccggugaccgU.....	1
Gi2_10581257_x6.....	guucgauuuccggugacU.....	1
Gi5_8559061_x6.....	gcggGcauaguacagugg.....	1
Gi5_8549521_x6.....	gguAcgauuuccggugaccg.....	1
Gi3_27509050_x6.....	cacucacgugaccAgguucga.....	1
Gi3_27503428_x6.....	guucgauuuccggugUccg.....	1
Gi2_10569791_x6.....	cGcucacgugaccggguucga.....	1
Gi2_10546631_x6.....	Gcucacgugaccggguuc.....	1
Gi2_10588247_x6.....	gguucgauuuccgCugacc.....	1
Gi5_8556649_x6.....	guuNgauuuccggugacc.....	1
Gi3_27478690_x6.....	uCcgauuuccggugaccgc.....	1
Gi2_10543751_x6.....	ugucacucacgugaccggguucgauucc.....	0
Gi1_3983929_x6.....	Gcauaguacaguggcuagua.....	1
Gi5_8531761_x6.....	gcggucauaguacaguggUuagu.....	1

G1a_5707840_x6.....guucgauucccgGgacc..... 1
 Gi3_27488794_x6.....ggguucgauCcccggugaccg..... 1
 Gi3_27538186_x6.....guuNgauucccgugaccg..... 1
 Gi2_10549403_x6.....cacucacugGccccggu..... 1
 Gi2_10558601_x6.....gAucgauucccgugaccgc..... 1
 Gi5_8545357_x6.....gacugucacuUacgugaccgg..... 1
 Gi2_10564289_x6.....gAucgauucccgugaccg..... 1
 Gi1_3980569_x6.....ugacugucacucacgugacGcgg..... 1
 Gi1_3980593_x6.....ugacugucacucUcugaccgg..... 1
 Gi5_8558689_x6.....ugacugucCcucacgugaccgg..... 1
 Gi5_8534221_x6.....gcggucauaguacaguggcuGgua..... 1
 Gi3_27490414_x6.....ugacugucacucaUgugaccgg..... 1
 Gi3_27463366_x6.....gGgacugucacucacgugaccgg..... 1
 Gi2_10586183_x6.....guucgauucccgugaccC..... 1
 Gi3_27512224_x6.....ugacGgucacucacgugaccgg..... 1
 Gi3_27520234_x6.....gcggucauaguacagugA..... 1
 Gi3_27513880_x6.....gguAcgauucccgugaccgc..... 1
 Gi2_10567907_x6.....guucgauucccgugaccgU..... 1
 Gi2_10569293_x6.....gcgguCcuaguacaguggc..... 1
 Gi2_10572323_x6.....guuNgauucccgugacc..... 1
 Gi5_8555035_x6.....guucgauucccgugaccgUg..... 1
 Gi5_8559577_x6.....gguuAgauucccgugacc..... 1
 Gi2_10564325_x6.....gcgguUauaguacaguggc..... 1
 Gi5_8555767_x6.....guucgauucccgUugaccg..... 1
 Gi3_27473650_x6.....gguucgauNcccggugaccg..... 1
 G1a_5714650_x6.....gcgGCcauaguacaguggcuagua..... 1
 Gi3_27511546_x6.....gguucgauuAccggugac..... 1
 Gi2_10565075_x6.....guucgaGucccggugacc..... 1
 Gi5_8539135_x6.....gcggucauCguacaguggcua..... 1
 Gi2_10577807_x6.....ggguucgaCucccggugaccg..... 1
 Gi3_27468934_x6.....ggguucgGuuccggugacc..... 1
 Gi3_27475372_x6.....uucgauucccgugaccAc..... 1
 Gi5_8535025_x6.....Gccggguucgauucccgugac..... 1
 Gi3_27486490_x6.....ggguucgauuccAgugaccg..... 1
 Gi3_27529012_x6.....guucgauucccgugaGcgc..... 1
 Gi5_8558083_x6.....gcggucauaguacagugCcuagu..... 1
 Gi1_3987583_x6.....uucccgugaccgCgCcu..... 1
 Gi3_27489508_x6.....guucgauucccgugaGcgcg..... 1
 Gi5_8531851_x6.....guucgauucccgAgaccg..... 1
 Gi3_27493846_x6.....gacugucacucacgGgaccgg..... 1
 Gi5_8534449_x6.....gcggucauaguacCguggcuagua..... 1
 Gi5_8537509_x6.....gacNguacacucacgugaccgg..... 1
 Gi3_27493174_x6.....guuGgauucccgugaccg..... 1
 Gi3_27498424_x6.....gcggucauaguacaguggcCaguaugcgugac..... 1
 Gi3_27534166_x6.....ggguucgCuuccggugaccg..... 1
 Gi3_27517684_x6.....cacucaUgugaccggguuc..... 1
 G1a_5720728_x6.....guuUgauucccgugaccgc..... 1

Gi5_8552653_x6	.....gguucgauucAcggugaccgc	1
Gi3_27544684_x6	.....Cucgauucccgugaccgc	1
Gi2_10551533_x6	.....gcggucauNguacagugg	1
Gi5_8553091_x6	.....Ccggucauaguacaguggcuag	1
Gi3_27510400_x6	.....gguucgauucccCgugacc	1
Gi1_3993229_x6	.....cacucacgugaccgggu	0
Gi1_3993079_x6	.....gugcggucauaguacaguggcuaguacg	0
Gi5_8539825_x6	.....gauucccgugaccgcgCcu	1
Gi3_27461182_x6	.....ugacugucCucacgugaccgc	1
Gi5_8537479_x6	.....gcggGcauaguacaguggc	1
Gi2_10582907_x6	.....gacugucacucGcgugaccgcg	1
Gi5_8549353_x6	.....gguucgauucUcggugac	1
Gi1_3988255_x6	.....ugacAgucacucacgugaccgcg	1
Gi1_3981859_x6	.....gcggucauaguacCgugg	1
Gi3_27485374_x6	.....gguNcgauucccgugac	1
Gi3_27483802_x6	.....ggguucgaCucccgugaccgcg	1
Gi3_27527830_x6	.....gguucgauucccgugaccUc	1
Gi2_10551713_x6	.....guucgauucccgugCccgc	1
Gi2_10543313_x6	.....gguucgauucccgAgacc	1
Gi2_10578503_x6	.....cUauucccgugaccgcggcuuu	1
Gi2_10542881_x6	.....gcggucauaguacagCggc	1
Gi1a_5732026_x6	.....gcggucauaguacaguggcuagG	1
Gi3_27527512_x6	.....ucgauucccgugaccAc	1
Gi3_27499186_x6	.....gcggucauUguacaguggc	1
Gi1_3977377_x6	.....gguucgauucccgugaccgU	1
Gi5_8543377_x6	.....guucgauucccgugacAgc	1
Gi2_10553099_x6	.....gguucgauucccgAugac	1
Gi3_27458194_x6	.....gcggucauaguacagugCc	1
Gi5_8544217_x6	.....guucgUuucccgugacc	1
Gi5_8537017_x6	.....gcggucauaguacCguggc	1
Gi3_27501670_x6	.....gguNcgauucccgugaccgc	1
Gi1_3984163_x6	.....gcggucauaguacaguggcuG	1
Gi1_3978847_x6	.....gcggucauGguacaguggcuagua	1
Gi3_27514810_x6	.....aGuucccgugaccgcggcuu	1
Gi5_8563477_x6	.....gUggucauaguacaguggcuaguau	1
Gi1a_5720302_x6	.....guucAauucccgugacc	1
Gi3_27545860_x6	.....ucgauucccgugacUgc	1
Gi5_8537899_x6	.....cccgguuNguucccgugac	1
Gi3_27547396_x6	.....gacugucacucacgugaccUg	1
Gi5_8559163_x6	.....guucAauucccgugaccgcg	1
Gi3_27526756_x6	.....ggguucgauucccAgugacc	1
Gi2_10578947_x6	.....gguucgauucccgugaAcg	1
Gi3_27495184_x6	.....gugaccgggGucgauucc	1
Gi5_8559955_x6	.....gacugucacucacgugaccCg	1
Gi5_8562031_x6	.....gcggucauaguacaguggcuC	1
Gi5_8543581_x6	.....guuGgauucccgugacc	1
Gi3_27462376_x6	.....gcggucauaguaUagugg	1

Gi3_27548218_x6	.gacugAcacucacgugacccg	1
Gi3_27500386_x6	.cgUuucccgugaccg	1
Gi3_27593187_x5	.gguucgauucccgugacGgc	1
Gi2_10609995_x5	.ggguucgauucccgugaAcgc	1
Gi3_27608932_x5	.uucgauucccAgugaccg	1
Gi5_8574032_x5	.gguucgCuucccgugaccg	1
Gi3_27597327_x5	.ggguucgCuucccgugacc	1
Gi2_10631015_x5	.guucgauucccgugUcc	1
Gi1_4004030_x5	.gGcauaguacaguggcuagua	1
Gi3_27570167_x5	.ugacugucacucacguAaccg	1
Gi5_8591732_x5	.gguucgauAcccgugaccg	1
Gi3_27554947_x5	.cGcacgugacccggguucgauucc	1
Gi3_27555927_x5	.aGgugaccggguucgauucc	1
Gi5_8599077_x5	.gguucgauucccAgugaccg	1
Gi3_27653827_x5	.ucgauucccgguAaccg	1
Gi3_27623812_x5	.gguucgauucccgGgaccg	1
Gi5_8590627_x5	.gguAcgauucccgugaccg	1
Gi3_27603982_x5	.cacucacgugacccgggAuc	1
Gi3_27630747_x5	.gCGgAcauaguacaguggc	1
Gi5_8591447_x5	.gcAgucauaguacaguggcu	1
Gi1_4006360_x5	.ugacuguUacucacgugacccg	1
Gi1_4005310_x5	.Gugucacucacgugacccg	1
Gi3_27629372_x5	.gguucgauUgccggugaccg	1
Gi1_3998115_x5	.gCGgucauaguCcagugg	1
Gi2_10624770_x5	.gguucgauucccgugaccAccg	1
Gi3_27647407_x5	.cGgucacucacgugacccgggu	1
Gi3_27622132_x5	.guUacugucacucacgugacccg	1
Gi3_27597237_x5	.guucgauuccAggugaccg	1
Gi3_27617432_x5	.uGacgugacccggguucgauucc	1
Gi3_27586227_x5	.Cgguucgauucccgugaccg	1
Gi1_4016985_x5	.gCGgucauaguacCguggcua	1
Gi3_27608247_x5	.acguUacccgguucgauucc	1
Gi5_8584662_x5	.guucgauucccgUugaccg	1
Gi1_4003155_x5	.gGggucauaguacaguggcuagu	1
Gi2_10632910_x5	.gguucgauAcccgugaccg	1
Gi3_27653702_x5	.Augaccggguucgauucc	1
Gi5_8575207_x5	.gguucgauuccUggugaccg	1
Gi5_8571447_x5	.gCGguUauaguacaguggcua	1
Gi1a_5740397_x5	.guucgauCcccgugacc	1
Gi5_8582712_x5	.gGcauaguacaguggcuag	1
Gi3_27606457_x5	.ugacugucacucacgCgaccg	1
Gi3_27600682_x5	.acucGcgugacccgggu	1
Gi2_10632860_x5	.ggguucgaNuucccgugacc	1
Gi2_10631235_x5	.cGcacgugacccggguucgauucc	1
Gi3_27593857_x5	.cacucacgNgaccggguucgauucc	1
Gi1_4013655_x5	.Acggucauaguacaguggcuagua	1
Gi1_4006195_x5	.acucacgugacccggguU	1

Gi2_10591765_x5.....	.....gguucgauucccgugacAgcg.....	1
Gi5_8574577_x5.....	.....gcggucGguacaguggcua.....	1
Gi1_4000990_x5.....	.....acugucacucacgugGcccgg.....	1
Gi5_8566202_x5.....	.....gcggucGguacaguggc.....	1
Gi3_27648007_x5.....	.....gcggucGguacaguggc.....	1
Gi3_27652257_x5.....	.....cacucacgugaccUgggu.....	1
Gi5_8576637_x5.....	.....cgauucccgugaccgCgC.....	1
G1a_5733577_x5.....	.....gguucgauucccgguCac.....	1
G1a_5752207_x5.....	.....ggGucgauucccgugaccgc.....	1
Gi2_10635270_x5.....	.....gguucgauuccAggugacc.....	1
Gi5_8579387_x5.....	.....guuUgauucccgugaccgCg.....	1
Gi3_27602407_x5.....	.....guucgauucccgguCaccgCg.....	1
Gi5_8583482_x5.....	.....guucgauucccgGgaccgCg.....	1
Gi5_8592537_x5.....	.....gcggucGguacaguggcua.....	1
Gi5_8583132_x5.....	.....gguucgauucccgugacAgc.....	1
Gi2_10643065_x5.....	.....guucgauucccgugaccgCgC.....	0
Gi3_27576147_x5.....	.....acugucacNcagugaccCgg.....	1
Gi2_10630265_x5.....	.....GacucacgugaccCggguucga.....	1
Gi3_27605697_x5.....	.....gguucgauucccgAugaccg.....	1
Gi3_27626817_x5.....	.....cacucaUgugaccCgggu.....	1
Gi5_8580657_x5.....	.....gguucgauucccgAugac.....	1
Gi3_27583167_x5.....	.....uGacucacgugaccCggguucga.....	1
Gi5_8569877_x5.....	.....guucgauucccgugaccgAg.....	1
G1a_5740217_x5.....	.....gguucgauuccAggugacc.....	1
Gi5_8596547_x5.....	.....gcggCcauaguacaguggc.....	1
Gi5_8597647_x5.....	.....gcggucGguacaguggcua.....	1
Gi2_10597210_x5.....	.....gcggucGguacaguggc.....	1
Gi1_3998730_x5.....	.....gcggucGguacaguggc.....	1
Gi1_4001830_x5.....	.....ugacuAucacucacgugaccCgg.....	1
Gi1_4008100_x5.....	.....gacugucacucacgugaccA.....	1
Gi3_27628392_x5.....	.....ugacugucacucacgugCcccg.....	1
G1a_5734602_x5.....	.....guucgauucccgugaccgCgCcu.....	1
Gi5_8569007_x5.....	.....gGgacugucacucacgugacc.....	1
Gi2_10633995_x5.....	.....acCcacgugaccCggguuc.....	1
Gi3_27615837_x5.....	.....Nguucgauucccgugacc.....	1
G1a_5759902_x5.....	.....ggAucgauucccgugacc.....	1
Gi3_27649072_x5.....	.....GacucacgugaccCggguucgauucc.....	1
Gi2_10595310_x5.....	.....guucgauAcccgugaccCgC.....	1
Gi2_10615245_x5.....	.....guucgaGucccgugaccCg.....	1
Gi3_27557497_x5.....	.....ugacugucacucacAugaccCgg.....	1
Gi2_10640685_x5.....	.....guucgauucccgUgaccg.....	1
G1a_5763657_x5.....	.....guucgauucccgCgaccg.....	1
Gi2_10640175_x5.....	.....gguucgauuccUgugac.....	1
Gi3_27558052_x5.....	.....ugacugucUcucacgugaccCgg.....	1
Gi3_27607162_x5.....	.....ucgauucccgugacAgcg.....	1
Gi5_8564052_x5.....	.....guucgauuccGggugaccCgC.....	1
Gi3_27616812_x5.....	.....caUucacgugaccCggguuc.....	1

Gi5_8568067_x5	.....gguucgauucccgugacUcgcg	1
Gi2_10593790_x5	.....gcggucauaguacaguggA	1
Gi3_27635437_x5	.....guucgauuccGggugaccg	1
Gi3_27551067_x5	.....gacugucacucacAugaccc	1
Gi2_10648580_x5	.....gacugCcacucacgugaccccg	1
Gi1_4017195_x5	.....gcggucauaguacaguggUua	1
Gi3_27598882_x5	.....Gcugucacucacgugacccg	1
Gi1a_5737547_x5	.....gguucgauucccgugCccgc	1
Gi1a_5740142_x5	.....Ucggucauaguacaguggcuag	1
Gi3_27622802_x5	.....gcggucauaguacaguggcua	0
Gi1_4002110_x5	.....gcggucauaguacaguggcCag	1
Gi2_10645590_x5	.....guucgaGucccggugaccg	1
Gi5_8597562_x5	.....gcggucaCaguacaguggcuag	1
Gi1a_5737102_x5	.....gcggucauaguacagCggcuagu	1
Gi2_10616050_x5	.....guucgUuucccgugaccg	1
Gi3_27565342_x5	.....uucgauucUcggugaccgcg	1
Gi3_27653737_x5	.....acucacguNacccggguu	1
Gi5_8574532_x5	.....gcggucaCaguacaguggcua	1
Gi4_536788_x5	.....gguucgauucccgugaccg	0
Gi3_27651022_x5	.....gacugucacucacgCgaccc	1
Gi3_27582722_x5	.....ggguucgauCcccggugaccgc	1
Gi3_27613982_x5	.....gcggucauaguacaguggcA	1
Gi3_27628212_x5	.....ucgaGucccggugaccgc	1
Gi5_8599152_x5	.....gacugAcacucacgugacccg	1
Gi5_8599412_x5	.....Acggucauaguacaguggcu	1
Gi1a_5740257_x5	.....gGucgauucccgugaccgcg	1
Gi5_8589457_x5	.....guuAgauucccgugacc	1
Gi1a_5749197_x5	.....gguucgauuccUgugac	1
Gi1_4002795_x5	.....gUggucauaguacaguggcuagua	1
Gi3_27585402_x5	.....guucgauuGccggugacc	1
Gi3_27596622_x5	.....gguucgauuGccggugaccgcg	1
Gi5_8583402_x5	.....guucgauucccgugaccgU	1
Gi5_8577912_x5	.....gguAcgauucccgugacc	1
Gi1a_5766682_x5	.....guucAauucccgugaccg	1
Gi3_27613327_x5	.....gcggucauaguaAaguggc	1
Gi5_8577787_x5	.....guuNgauucccgugaccg	1
Gi5_8574097_x5	.....gcggucauaguGcaguggcua	1
Gi2_10650285_x5	.....gcggucauaguaUaguggc	1
Gi1_4012625_x5	.....gacugucacucacgugacUcg	1
Gi2_10634510_x5	.....gguucgauuccUgugaccgcg	1
Gi5_8567792_x5	.....gguucgauucccgGgaccgc	1
Gi3_27639342_x5	.....cacucacgugacAcggguuc	1
Gi3_27625802_x5	.....guucgauucccgugaccgG	1
Gi1_4001285_x5	.....ucgauucccgugaccgc	0
Gi3_27651887_x5	.....Uguucgauucccgugaccgcgguu	1
Gi5_8570332_x5	.....guucgauucccgugaccgcA	1
Gi3_27584777_x5	.....uucgauucccgugaccgcC	1

Gi5_8585687_x5.....	.gcggucauaAuacaguggc.....	1
Gi2_10601400_x5.....	.....gguucgauucccgGgaccgc.....	1
Gi5_8581862_x5.....	.gGggucauaguacaguggcu.....	1
Gi2_10621625_x5.....	.....guuAgauucccgugacc.....	1
Gi3_27626187_x5.....	.....guucgauucccgugaGc.....	1
Gi3_27625597_x5.....	.....gacugCcacucacgugacc.....	1
Gi5_8597872_x5.....	.....gguucgauuccUggugaccg.....	1
Gi2_10649630_x5.....	.....gguucgauCcccgugaccg.....	1
Gi2_10633725_x5.....	.....gacugucacuUacgugaccgc.....	1
G1a_5744597_x5.....	.....gacugucacucacgugaccg.....	0
Gi1_3996265_x5.....	.....Ugucauaguacaguggcuagua.....	1
Gi5_8590557_x5.....	.....cUgucauaguacaguggcuagua.....	1
Gi2_10621745_x5.....	.....gguucgauucAcggugac.....	1
Gi5_8577742_x5.....	.....gguucgauucccgugaAcgcg.....	1
Gi1_3998455_x5.....	.....ugacugucacucacgugaAccg.....	1
G1a_5753572_x5.....	.....gguucgauucccgugGc.....	1
Gi2_10645340_x5.....	.....guucgauucccCgugaccgc.....	1
Gi3_27603722_x5.....	.....ugacugucacCacgugaccg.....	1
Gi5_8596117_x5.....	.....uucgauucccgugaUcgcg.....	1
Gi1_4015670_x5.....	.....gUuucgauucccgugaccgc.....	1
G1a_5740792_x5.....	.....gcggucauaguacaguggcCagu.....	1
G1a_5764617_x5.....	.....gguucAauucccgugacc.....	1
Gi3_27558322_x5.....	.....cgauuccUggugaccgcggcuuu.....	1
Gi4_534048_x5.....	.....gcggucauaguacaguggcuaguC.....	1
Gi1_4007570_x5.....	.....ugacugucacucacgCgaccg.....	1
Gi3_27613687_x5.....	.....Ccgauucccgugaccgc.....	1
Gi2_10614680_x5.....	.....cacucGcgugacccggu.....	1
Gi3_27648822_x5.....	.....acucacgugacccgguC.....	1
Gi3_27571532_x5.....	.....gacugucacucacgAgaccg.....	1
Gi5_8569317_x5.....	.....cGuaguacaguggcuagu.....	1
Gi3_27583707_x5.....	.....gguucgauucccgguCacc.....	1
Gi3_27560957_x5.....	.....ucgauucccgugaccgcUc.....	1
Gi1_4014610_x5.....	.....Cgacugucacucacgugaccg.....	1
Gi5_8597092_x5.....	.....gAucgauucccgugaccgcg.....	1
Gi5_8573232_x5.....	.....gacCgucacucacgugaccg.....	1
Gi3_27611982_x5.....	.....gacNguacacucacgugaccg.....	1
Gi3_27552147_x5.....	.....acucacgugacccgguCu.....	1
Gi3_27550122_x5.....	.....Gacucacgugacccgguu.....	1
Gi2_10605605_x5.....	.....uGcgauucccgugaccgcg.....	1
Gi3_27618077_x5.....	.....aGucacgugacccgguu.....	1
Gi5_8577517_x5.....	.....gcAgucauaguacaguggcuagua.....	1
Gi2_10611540_x5.....	.....gcggucauaguacaguggcAa.....	1
Gi3_27648097_x5.....	.....ggguucgCuucccgugaccgc.....	1
Gi3_27554212_x5.....	.....ucUcgugacccgguucgauuc.....	1
Gi3_27597377_x5.....	.....guuNgauucccgugaccgc.....	1
Gi3_27605612_x5.....	.....gGucgauucccgugaccgcggcuuu.....	1
G1a_5739632_x5.....	.....Cguucgauucccgugacc.....	1

Gi3_27578562_x5.....	.....ggguucAauucccgugaccgc.....	1
Gi1_4015620_x5.....	.....ugacugucacucacgugaccggU.....	1
Gi5_8596752_x5.....	.....Gucgauucccgugaccg.....	1
Gi5_8569222_x5.....	.....gguucgUuucccgugacc.....	1
Gi3_27561532_x5.....	.....gCGgucauaguacaguggcuaguau.....	0
Gi1_3994035_x5.....	.....Uucauaguacaguggcuaguau.....	1
Gi5_8586932_x5.....	.....gucauaguNcaguggcuagu.....	1
Gi5_8583182_x5.....	.....gcAgucauaguacaguggc.....	1
Gi3_27599297_x5.....	.....uucgauucccgugaccgA.....	1
Gi1_4000620_x5.....	.....auucccgugaccgCcu.....	1
Gi5_8584887_x5.....	.....gacugucacucaUgugaccg.....	1
Gi5_8588417_x5.....	.....gCGgucauaAuacaguggcuagu.....	1
Gi5_8589047_x5.....	.....cgauucccgugaccgC.....	1
Gi1_3994040_x5.....	.....gCGgucauagCacaguggcua.....	1
Gi2_10632945_x5.....	.....gguucgauucccgugaccgC.....	1
Gi3_27642027_x5.....	.....caUucacgugaccgggu.....	1
Gi3_27639762_x5.....	.....ucgauucccgugaccgA.....	1
Gi5_8574167_x5.....	.....ggAucgauucccgugaccgC.....	1
Gi2_10609350_x5.....	.....caUucacgugaccggguucga.....	1
Gi1_3996430_x5.....	.....cUcucacgugaccgggu.....	1
Gi1_4016120_x5.....	.....gGggucauaguacaguggc.....	1
Gi1a_5752692_x5.....	.....AguucgauucccgugaccgC.....	1
Gi3_27590697_x5.....	.....gacugucacucacgugaUccgg.....	1
Gi5_8570277_x5.....	.....ugacugucacucacguAaccgg.....	1
Gi2_10638215_x5.....	.....ggCucgauucccgugaccgC.....	1
Gi5_8600402_x5.....	.....uucgauucccgugaccgC.....	1
Gi4_537978_x5.....	.....cGcaccgugaccggguucgauuc.....	1
Gi1_4011160_x5.....	.....Acggucauaguacaguggc.....	1
Gi3_27613277_x5.....	.....ugacugCcacucacgugaccg.....	1
Gi5_8580987_x5.....	.....gguuGgauucccgugaccgC.....	1
Gi1_4009710_x5.....	.....gacuUucacucacgugaccg.....	1
Gi5_8601987_x5.....	.....gacugucacucacgugaccAgg.....	1
Gi3_27613712_x5.....	.....ucgauucccgguAaccgc.....	1
Gi3_27655587_x5.....	.....gCGgucauaguacagAggc.....	1
Gi3_27643567_x5.....	.....Agacugucacucacgugaccgg.....	1
Gi5_8583522_x5.....	.....gCGgucauaguacagugAcua.....	1
Gi5_8564987_x5.....	.....ugacugucacAcacgugaccgg.....	1
Gi1a_5735912_x5.....	.....gguucgauNcccgugaccgC.....	1
Gi2_10608900_x5.....	.....gguucgauucccgGgaccg.....	1
Gi1_3994860_x5.....	.....acCgucacucacgugaccgg.....	1
Gi1_4003195_x5.....	.....gacugucacucacgugaAccg.....	1
Gi2_10595660_x5.....	.....guGcgauucccgugaccgC.....	1
Gi3_27600312_x5.....	.....uucgauucccgugaccgC.....	1
Gi3_27625537_x5.....	.....guucgauucGcgugaccgC.....	1
Gi1a_5735682_x5.....	.....gGggucauaguacaguggcuagua.....	1
Gi1a_5739802_x5.....	.....gCGgucauGguacaguggcuagu.....	1
Gi1a_5736012_x5.....	.....ggCucgauucccgugacc.....	1

Gi1_4010795_x5	.gacugucacucacgugaUccgg	1
Gi2_10608145_x5	.guucgauucccgugacAgc	1
Gi3_27603492_x5	.gugacccggguucgGuucc	1
Gi2_10639840_x5	.cUggguucgauucccgugaccgc	1
Gi5_8596247_x5	.gcggucgauuacaguggcCaguau	1
Gi1a_5751832_x5	.ggGucgauucccgugacc	1
Gi3_27576022_x5	.acgugacccggguucgCuucc	1
Gi3_27633792_x5	.gacugucaAucacgugaccgg	1
Gi2_10595745_x5	.gggGucgauucccgugaccgc	1
Gi1_4000655_x5	.gacugucacucacgugUcccg	1
Gi5_8588437_x5	.ugacugucacucacgugaUccgg	1
Gi5_8592282_x5	.gacugucacucacgugaccgc	1
Gi3_27580542_x5	.gGgacugucacucacgugacc	1
Gi5_8572492_x5	.Gcacucacgugaccggguucgauuc	1
Gi3_27611882_x5	.cacucacgCgaccggguucgauu	1
Gi5_8576347_x5	.ugacugucacucacgugUcccg	1
Gi1a_5740747_x5	.guucgauucccgugGccgc	1
Gi3_27620542_x5	.gcgguUauaguacagugg	1
Gi3_27559187_x5	.cacucacgugGccccggu	1
Gi3_27635222_x5	.ucgauuAccggugaccgc	1
Gi1a_5764167_x5	.Auucgauucccgugacc	1
Gi5_8580547_x5	.ggAucgauucccgugaccgc	1
Gi5_8576877_x5	.uucgauucccgugaccgcg	0
Gi1_4005855_x5	.aUugucacucacgugaccgg	1
Gi3_27622582_x5	.ucUcucacgugaccggguucga	1
Gi3_27569187_x5	.ggguucgauucccgugaUcgcg	1
Gi2_10626355_x5	.Ggauucccgugaccgcggcuu	1
Gi3_27640322_x5	.ggguucgauuccAggugaccgcg	1
Gi3_27656657_x5	.guucgaAuucccgugaccgc	1
Gi1_4003560_x5	.Gcacucacgugaccggguuc	1
Gi2_10649520_x5	.cgugaccggguucgauucc	0
Gi5_8595232_x5	.guucgauucccgugaccC	1
Gi2_10614615_x5	.Agguucgauucccgugacc	1
Gi5_8584802_x5	.gacugucacAcacgugaccg	1
Gi5_8600692_x5	.uucgauucccgugaccgcgCcu	1
Gi5_8587982_x5	.gcggUauaguacagugg	1
Gi5_8576177_x5	.gcggGcauaguacaguggcuagua	1
Gi2_10596515_x5	.ggguucgauucccgugaU	1
Gi2_10598060_x5	.gaUugucacucacgugaccgg	1
Gi3_27568912_x5	.gcggucaAaguacaguggc	1
Gi3_27549932_x5	.guucgauuccCgugaccg	1
Gi5_8598072_x5	.guucgauucccgugacAg	1
Gi3_27581977_x5	.ugacugucaUucacgugaccgg	1
Gi1_4023928_x4	.gGucgauucccgugaccg	1
Gi3_27741189_x4	.acugucacNcacgugaccgggu	1
Gi3_27691137_x4	.ggguucgauuccAggugaccgc	1
Gi3_27661345_x4	.cGcacgugaccggguucgauu	1

Gi1_4030652_x4	.....acugucacucacgugacAccg	1
Gi3_27768665_x4	.....gcggucauaguacaAuggc	1
Gi3_27781125_x4	.....uUacugucacucacgugaccc	1
Gi1_4028804_x4	.....acAgucacucacgugacccgg	1
Gi1_4030176_x4	.....ucauaguaNaguggcuagua	1
Gi3_27792489_x4	.....gacugucacucaUgugaccgg	1
Gi1_4035816_x4	.....gcggucauGguacaguggc	1
Gi2_10667271_x4	.....cgauuuccggugaccgcC	1
Gi5_8607203_x4	.....guucUauuuccggugaccgg	1
Gi3_27751725_x4	.....uucgauuuccgguaAccgc	1
G1a_5796898_x4	.....gguucgauuccUggugacc	1
Gi3_27673277_x4	.....gguucgaGuuccggugacc	1
Gi3_27699957_x4	.....guucgaAuccggugacc	1
Gi3_27717225_x4	.....gacugCcacucacgugacc	1
Gi3_27690173_x4	.....ucgauuuccggugaccgA	1
Gi5_8650187_x4	.....Gauaguacaguggcuaguau	1
Gi3_27684985_x4	.....gacuguAacucacgugaccgg	1
Gi5_8632511_x4	.....gcgNucauaguacaguggcua	1
Gi5_8622567_x4	.....gcggucauaguacaguggcuaA	1
G1a_5805598_x4	.....gcggucauaguGcaguggcuagu	1
Gi2_10720991_x4	.....guucgauuuccggugaccgg	0
Gi3_27710401_x4	.....ugacugucacuUacgugaccgg	1
Gi5_8635471_x4	.....gcggucauGguacagugg	1
Gi5_8602231_x4	.....gacugucacucacgugaccA	1
Gi1_4045680_x4	.....ugacugucacucacgugacAccg	1
G1a_5791418_x4	.....Ccggucauaguacaguggcua	1
Gi5_8607799_x4	.....gguucgauuuccgguaAccgcg	1
Gi3_27678461_x4	.....gugacugCcacucacgugaccgg	1
Gi5_8647879_x4	.....gacugucacucacgugacUcg	1
Gi3_27672281_x4	.....ugaUugucacucacgugaccgg	1
Gi3_27695129_x4	.....gGgacugucacucacgug	1
Gi3_27782245_x4	.....gUguucgauuuccgguga	1
Gi3_27727261_x4	.....ucgauuuccggugaUcg	1
Gi2_10680075_x4	.....gcggucauaguacaguggU	1
Gi3_27689021_x4	.....guuAgauuuccggugaccg	1
Gi5_8610771_x4	.....gacugAcacucacgugaccgg	1
Gi5_8608091_x4	.....guucgauuuccggugUcc	1
Gi5_8613919_x4	.....gguucgauucGcgugacc	1
Gi5_8650483_x4	.....Gacucacgugaccggguuc	1
Gi3_27690781_x4	.....gguucgauuuccggugacAccg	1
Gi3_27791885_x4	.....Accgauuuccggugaccgc	1
Gi5_8627011_x4	.....gguucgauuuccggugaU	1
Gi1_4029228_x4	.....ugacugucacucacgugaccGgg	1
Gi5_8619675_x4	.....gaccgggNucgauucc	1
Gi5_8613799_x4	.....gguucgauuuccggugacAccg	1
Gi5_8643311_x4	.....guucgauuuccUgugacc	1
Gi5_8624759_x4	.....gguucgauucUcgugaccgc	1

Gi5_8648535_x4	.....gcgguc <u>auaguacaguggc</u> C.....	1
Gi1_4025416_x4	.....cgugacugucacucacgugacc.....	0
Gi5_8628319_x4	.....cUgacccggguucg <u>auuccggu</u>	1
Gi5_8618235_x4	.....gcgguc <u>auaguacGguggcuagu</u>	1
G1a_5771202_x4	.....guucgUuucccgugacc.....	1
Gi3_27665217_x4	.....ugacuAucacucacgugaccgg.....	1
Gi3_27778089_x4	.....guucg <u>auuNccggugaccg</u> ggc.....	1
Gi3_27689157_x4	.....cgauucccgugacUgcg.....	1
Gi5_8603975_x4	.....uGgauucccgugaccgc.....	1
Gi1_4039476_x4	.....gacugucacucacgugaccggU.....	1
Gi3_27690509_x4	.....ggUuucg <u>auucccgugaccg</u>	1
Gi3_27669473_x4	.....gGgaccggguucg <u>auuc</u>	1
Gi2_10719727_x4	.....gggCucg <u>auucccgugacc</u>	1
G1a_5779402_x4	.....Ugguucg <u>auucccgugacc</u>	1
Gi3_27667617_x4	.....cugucGcucacgugaccggg.....	1
Gi2_10719563_x4	.....gcgguc <u>auaguacGgugg</u>	1
Gi3_27664597_x4	.....gacugucacucacgugaccGgg.....	1
Gi3_27722217_x4	.....ucg <u>auucAcggugaccg</u> cg.....	1
Gi1_4018960_x4	.....gcggucG <u>uaguacagugg</u>	1
Gi5_8633943_x4	.....gcAgu <u>cauaguacaguggcuag</u>	1
Gi5_8650107_x4	.....gcgguc <u>auaguacaguggcuagu</u> G.....	1
G1a_5787670_x4	.....gguucA <u>auucccgugaccg</u>	1
Gi5_8637555_x4	.....gcgguc <u>auaguacaguA</u> gcuagu.....	1
Gi2_10688507_x4	.....gcgguc <u>auaguC</u> caguggc.....	1
Gi2_10713175_x4	.....guucg <u>auuccgguCacc</u>	1
Gi3_27677789_x4	.....gacugucacucacgAgaccgg.....	1
Gi4_543230_x4	.....gguucg <u>auNcccgugacc</u>	1
Gi5_8626139_x4	.....gguucg <u>auucccAgugaccg</u> c.....	1
G1a_5791110_x4	.....gguucg <u>auUccggugacc</u>	1
Gi3_27726977_x4	.....cacucacgugaccggg <u>uucCa</u>	1
G1a_5785414_x4	.....gcgguc <u>auaguacaguA</u> gcuagu.....	1
Gi2_10701019_x4	.....guucgUuucccgugacc.....	1
G1a_5806026_x4	.....gguucg <u>auucccgugaccg</u> Ccu.....	1
Gi1_4038184_x4	.....gcgguc <u>auUguacaguggcu</u> a.....	1
Gi5_8638555_x4	.....gcgguc <u>auaguGcaguggcu</u> agua.....	1
G1a_5783402_x4	.....guucg <u>auucccgugaccg</u> cgUc.....	1
G1a_5798862_x4	.....cUgacccggguucg <u>auuccggu</u>	1
Gi5_8646959_x4	.....cGgucacucacgugaccgg.....	1
Gi5_8619647_x4	.....uucg <u>auCcccgugaccg</u> c.....	1
Gi1_4043832_x4	.....uucg <u>auucccgugaccg</u> cgC.....	1
Gi1_4027708_x4	.....Ccggu <u>cauaguacaguggcu</u> agua.....	1
Gi2_10698303_x4	.....guucgCuucccgugaccg.....	1
Gi3_27697677_x4	.....cugucacucacgugaccgggG.....	1
Gi2_10698675_x4	.....cacucacgugaccAggu.....	1
Gi3_27711413_x4	.....acAgu <u>cacucacgugaccg</u>	1
Gi3_27711437_x4	.....Gg <u>auucccgugaccg</u> cg.....	1
G1a_5781858_x4	.....Aguucg <u>auucccgugaccg</u>	1

Gi3_27680913_x4	. . . . .gacugucacucacgugaAc	1
Gi3_27698201_x4	. . . . .ugacugucacucacAugaccgg	1
Gi1_4035440_x4	. . . . .Agacugucacucacgugaccgg	1
Gi5_8620611_x4	. . . . .gcgguUauaguacaguggcuaguau	1
Gi1_4040220_x4	. . . . .gcggucauaguGcaguggcuagu	1
Gi3_27740033_x4	. . . . .ugacugucacucacgugaccCA	1
Gi2_10716471_x4	. . . . .gguucgauucccgugaccgA	1
Gi2_10659995_x4	. . . . .gguucgauucccgugCccg	1
Gi3_27682805_x4	. . . . .uucgauucAccggugaccgc	1
Gi5_8617523_x4	. . . . .gcggucauaguacaguggUuag	1
Gi5_8648475_x4	. . . . .gcggucauaguacaguAgcuag	1
Gi5_8647055_x4	. . . . .guucgauAcccgugaccgcg	1
Gi3_27668949_x4	. . . . .ggguUgauucccgugaccgcg	1
Gi3_27783625_x4	. . . . .gguUGgauucccgugaccg	1
Gi1_4033568_x4	. . . . .gcggucauaguacCguggcuagua	1
Gi3_27693521_x4	. . . . .guucgauucccgugacGgc	1
Gi5_8623091_x4	. . . . .ugacugucacucacgugaAccgg	1
Gi5_8610219_x4	. . . . .guucgaAuuccggugacc	1
Gi3_27787669_x4	. . . . .gacugucacucacgugaUc	1
Gi2_10696003_x4	. . . . .gguucgauuccUgugaccg	1
Gi3_27784181_x4	. . . . .gacugucacucacgCgacc	1
Gi2_10662187_x4	. . . . .Ccgauucccgugaccgc	1
Gi3_27739425_x4	. . . . .gguucgaAuucccgugaccg	1
Gi3_27676241_x4	. . . . .gUguucgauucccgugac	1
Gi3_27717937_x4	. . . . .gUcugucacucacgugacc	1
Gi2_10658743_x4	. . . . .Gcacucacgugaccggguucgauucc	1
Gi2_10663911_x4	. . . . .Gcucacgugaccggguucga	1
Gi2_10723235_x4	. . . . .gguucgaAuucccgugacc	1
Gi2_10675843_x4	. . . . .guucgauuAccggugacc	1
Gi1_4028288_x4	. . . . .gacugucacuUacgugaccgg	1
Gi5_8624167_x4	. . . . .gguGcgauucccgugacc	1
Gi3_27734589_x4	. . . . .guucCauucccgugaccgcg	1
Gi3_27689777_x4	. . . . .ucgauucccgguUaccgc	1
Gi1_4031156_x4	. . . . .gacugucacucacgCgaccgg	1
Gi3_27759161_x4	. . . . .gacugucacucaGgugaccgg	1
Gi1_4030172_x4	. . . . .gcggucauaguacaguggU	1
Gi2_10709387_x4	. . . . .gguucgauucccgugaccgUg	1
Gi5_8634119_x4	. . . . .gguucCauucccgugaccgcg	1
Gi3_27754329_x4	. . . . .Acacgugaccggguucgauuc	1
Gi3_27718713_x4	. . . . .ugacugucaAucacgugaccgg	1
Gi3_27763529_x4	. . . . .gugacugucacucacgugaAccgg	1
Gl1_5778686_x4	. . . . .gguucgauucccgugacU	1
Gi2_10682323_x4	. . . . .gguucgauuccAggugac	1
Gi3_27686169_x4	. . . . .cGcggguucgauucccgugac	1
Gi5_8626623_x4	. . . . .guucgauuAccggugaccg	1
Gi3_27742817_x4	. . . . .Agacugucacucacgugaccgg	1
Gl1_5773114_x4	. . . . .gUggucauaguacaguggcuagu	1

Gi5_8623727_x4	uucgauucccgugacUgcg	1
Gi3_27731517_x4	cacucacgugacUcggu	1
Gi5_8604807_x4	gcggucauaguacaguggcuagCau	1
Gi3_27688997_x4	cacCcacgugaccgggu	1
Gi3_27689577_x4	gguucgauucccgugaccCcg	1
Gi3_27727293_x4	gguucgauucccCgugaccgc	1
Gi5_8645131_x4	gcggucauaguacUguggcuagu	1
Gi2_10661359_x4	guucgauucccgUugaccgc	1
Gi3_27660245_x4	uucgauucccgGgaccgc	1
Gi5_8626315_x4	Ccggucauaguacagugg	1
Gi1_4043032_x4	gacugucacucacgugacAcg	1
Gi3_27706713_x4	guucCauucccgugacc	1
Gi3_27764793_x4	ugacugucacucacgugacUcg	1
Gi3_27746053_x4	uucgauuccUggugaccgcg	1
Gi2_10668735_x4	gggCucgauucccgugaccgcg	1
Gi5_8648939_x4	gcggucauaguacaguAgcuagua	1
Gi2_10697087_x4	gcAgucauaguacagugg	1
Gi2_10708767_x4	gguucgauucccgugaccgc	1
Gi5_8626183_x4	gguucgauAcccgugaccgcg	1
Gi3_27750665_x4	acugucacucGcgugaccgc	1
Gi1_4030700_x4	gGggucauaguacaguggcu	1
Gi5_8610139_x4	guucgauucccgugaccCc	1
Gi2_10703995_x4	gauucccgugaccgcgU	1
Gi3_27768437_x4	gaccggguucgauCccc	1
Gi5_8618611_x4	uucgauuccNcggugaccgc	1
Gi3_27710621_x4	ggguucgauucccgugacAc	1
Gi2_10697327_x4	guucgauucccgCugaccgc	1
Gi2_10709131_x4	gguucgauucccgguAac	1
Gi3_27710169_x4	cacucacgugCcccggguucga	1
Gi3_27753421_x4	ugacugAcacucacgugaccgcg	1
Gi2_10658127_x4	gguucgauuccAggugaccgc	1
Gi4_544014_x4	Acggucauaguacaguggcuagua	1
Gi5_8632911_x4	Gggucauaguacaguggcuagu	1
Gi3_27775749_x4	gguucgauucccgAgaccgcg	1
Gi2_10718603_x4	gguuAgauucccgugaccgc	1
Gi5_8629371_x4	guucgauucccgugCccgc	1
Gi2_10668547_x4	gguucgauucccgugaGgc	1
Gi3_27697657_x4	gguucUauucccgugacc	1
Gi5_8604271_x4	ugacugucacucacgugaccgc	1
Gi5_8613767_x4	caCaguacaguggcuagu	1
Gi5_8612751_x4	guucgauuccUgugaccgc	1
Gi3_27687697_x4	Gucacgugaccggguucgauucc	1
Gi2_10677059_x4	gAucgauucccgugacc	1
Gi5_8618431_x4	guucgauuccAggugaccgc	1
Gi5_8624967_x4	gguAcgauucccgugaccgc	1
Gi3_27667529_x4	gacugucacucCcgugacc	1
Gl1a_5805906_x4	guucUauucccgugacc	1

Gi5_8623383_x4	. . . . .gauucccgugaccgcggcA	1
Gi3_27686497_x4	. . . . .cacucacgugaccggguucAa	1
Gi3_27671617_x4	. . . . .acgugaccNggguucgauucc	1
Gl1a_5799110_x4	. . . . .ggCucgauucccgugac	1
Gi5_8624315_x4	. . . . .guucgauucccgugaUcgcg	1
Gi3_27678853_x4	. . . . .gcggucauaguUcaguggc	1
Gi1_4038280_x4	. . . . .gcggucauaguacaguggcAagua	1
Gi3_27696753_x4	. . . . .gaAugucacucacgugaccgg	1
Gi4_544162_x4	. . . . .gcggucauaguacaguggcuagC	1
Gl1a_5791974_x4	. . . . .gCuucgauucccgugacc	1
Gl1a_5783358_x4	. . . . .Ucggucauaguacaguggcu	1
Gi1_4042604_x4	. . . . .gGucgauucccgugaccgc	1
Gi5_8628447_x4	. . . . .Gucacgugaccggguuc	1
Gi3_27660165_x4	. . . . .ugacAgucacucacgugaccgg	1
Gi1_4032520_x4	. . . . .Uuucgauucccgugaccg	1
Gi3_27675033_x4	. . . . .cacucacgugacUcggguuc	1
Gi5_8650543_x4	. . . . .gcggucauaguacaAuggcuagu	1
Gi5_8623095_x4	. . . . .Gggucauaguacaguggcua	1
Gi5_8620359_x4	. . . . .uucgauucNcggugaccgcg	1
Gi2_10685363_x4	. . . . .guucgauuccUgugaccgcg	1
Gi5_8627363_x4	. . . . .guucgauucccgugaccUc	1
Gi2_10672195_x4	. . . . .Uacucacgugaccggguuc	1
Gi1_4030476_x4	. . . . .ucgauucccgugaccgcgC	1
Gi2_10660495_x4	. . . . .gugacugCcacucacgugaccgg	1
Gl1a_5774070_x4	. . . . .Cuucgauucccgugaccgc	1
Gi2_10661583_x4	. . . . .guucgauuccUgugaccg	1
Gi5_8602283_x4	. . . . .gacuAucacucacgugaccgg	1
Gi3_27695141_x4	. . . . .acgugaccgggCucgauucc	1
Gi3_27731113_x4	. . . . .gguucgauucccgCugac	1
Gi2_10713423_x4	. . . . .guucgauucccgugaccC	1
Gi2_10715435_x4	. . . . .gcggucauaguacUguggc	1
Gi3_27753765_x4	. . . . .gguucgauuccCgugaccgcg	1
Gi3_27784993_x4	. . . . .gguucgauuccCgugac	1
Gi2_10718691_x4	. . . . .gcggucauCguacagugg	1
Gi1_4023796_x4	. . . . .gcggGcauaguacagugg	1
Gi1_4025152_x4	. . . . .gacNgucacucacgugaccgg	1
Gi3_27678005_x4	. . . . .gcggucauCguacaguggc	1
Gi3_27677277_x4	. . . . .Cgacugucacucacgugaccgg	1
Gi2_10694219_x4	. . . . .gacugucacucacgCgaccgg	1
Gi2_10681751_x4	. . . . .cacucacgugaccggguCcg	1
Gi5_8640183_x4	. . . . .gcggUauaguacaguggc	1
Gi5_8613843_x4	. . . . .cGcggguucgauucccgugacc	1
Gi3_27659877_x4	. . . . .ucgauucccgugacUcg	1
Gi3_27663221_x4	. . . . .gacugucacucaAgugaccgg	1
Gi1_4025072_x4	. . . . .Cggucauaguacaguggc	1
Gi5_8636823_x4	. . . . .uUacugucacucacgugaccgg	1
Gi3_27716589_x4	. . . . .ucgauucccgugaUcgcg	1

Gi5_8610875_x4.....gguucgauucccgAugaccgc..... 1
 Gi5_8621667_x4.....gguucgauucccgugaUcg..... 1
 Gi3_27714741_x4.....ggguucgauucAcggugaccgcg..... 1
 Gi3_27667009_x4.....gacugucacucGcgugacc..... 1
 Gi2_10671487_x4.....gguucgauucccgugacUgcg..... 1
 Gi5_8604551_x4.....Gggguucgauucccgugacc..... 1
 Gi3_27689881_x4.....guucgauucccgugacGg..... 1
 Gi2_10723511_x4.....gcggucgauagucagAggc..... 1
 Gi5_8615571_x4.....gcggucgauagucaguggcu..... 1
 Gi3_27714081_x4.....uucAauucccgugaccgc..... 1
 Gi3_27787433_x4.....ucgauucccgugaccAcg..... 1
 Gi2_10680223_x4.....gcggucgauGguacagugg..... 1
 Gi5_8632487_x4.....guucgauuNccggugaccgcggcu..... 1
 Gi3_27779677_x4.....acucacgugGcccgggu..... 1
 Gi2_10678351_x4.....gguucgauucccgugUccgcg..... 1
 Gi3_27723533_x4.....gguucgauuGccggugacc..... 1
 Gi3_27748941_x4.....ugaUugucacucacgugaccgc..... 1
 Gi5_8646059_x4.....guAcgauucccgugaccgcg..... 1
 Gi3_27736025_x4.....cGcgugaccggguucgauucc..... 1
 Gi3_27696289_x4.....Gacgugaccggguucgauucc..... 1
 Gi1_4032492_x4.....gacugucaUucacgugaccgcg..... 1
 Gi5_8634539_x4.....Ccggucauaguacaguggcu..... 1
 Gi5_8628047_x4.....gguucgauucccgugaccgUg..... 1
 Gi1_4027056_x4.....gcggCcauaguacaguggcuagu..... 1
 Gi5_8620783_x4.....gcggucgauagucaguggcuaguG..... 1
 Gi2_10707211_x4.....guucgauucccgugaccCcg..... 1
 Gi2_10704859_x4.....cggguucgauucccgugaccgcgCc..... 1
 Gi5_8602803_x4.....gguucgauucccgCgaccg..... 1
 Gi2_10688127_x4.....gcggucgauGguacaguggc..... 1
 Gi2_10684407_x4.....acCcacgugaccggguucga..... 1
 Gi2_10688331_x4.....cacucacgugGcccggguuc..... 1
 Gi3_27707789_x4.....caUucacgugaccggguucgau..... 1
 Gi2_10684431_x4.....gguNcgauucccgugacc..... 1
 Gi1_4029836_x4.....ugacugucacCcacgugaccgcg..... 1
 Gi2_10724315_x4.....guucgauucAcggugaccgcg..... 1
 Gi2_10694875_x4.....gacugucCucacgugaccgcg..... 1
 Gi3_27770093_x4.....uucgauucccgugaccgcgUc..... 1
 Gi1a_5775506_x4.....Uacugucacucacgugaccgggu..... 1
 Gi5_8633527_x4.....gguucgauucccgugCccgcg..... 1
 Gi2_10687311_x4.....Cggguucgauucccgugaccgcg..... 1
 Gi5_8634091_x4.....ggAucgauucccgugac..... 1
 Gi3_27728981_x4.....acugucacucacgugaccgcgA..... 1
 Gi5_8647015_x4.....gUggucgauagucaguggc..... 1
 Gi5_8621563_x4.....gcggucgauagCacaguggcuaguau..... 1
 Gi3_27744953_x4.....gguGcgauucccgugaccgcg..... 1
 Gi1_4021500_x4.....gcggucGuaguacaguggcuagu..... 1
 Gi5_8611087_x4.....ucgauucccgugaccgcgGcA..... 1

Gi5_8636523_x4	.gcggucGuaguacaguggcuaguau	1
G1a_5773246_x4	.guucgauucccgugacUgc	1
Gi2_10720675_x4	.gguucgauucccgugaUcg	1
Gi2_10663271_x4	.Ggauucccgugaccgcg	1
Gi2_10665039_x4	.Uuucgauucccgugaccgcg	1
Gi3_27683193_x4	.ucgauuUccggugaccgcg	1
Gi2_10686043_x4	.gguucgauAcccgugac	1
Gi3_27695901_x4	.ucgauuccAggugaccgc	1
Gi3_27673445_x4	.Ucggucaaguacaguggcuagua	1
Gi3_27713341_x4	.guucgauuccgCugacc	1
Gi5_8642039_x4	.cauaguacNguggcuagu	1
Gi3_27768481_x4	.gacugucaUucacgugaccg	1
G1a_5800738_x4	.gguucgauCcccgugacc	1
Gi3_27738893_x4	.ggguucgauucccgGgaccgcg	1
Gi2_10651303_x4	.gguucgauucccgugaccgAg	1
Gi5_8615263_x4	.gUcugucacucacgugaccg	1
Gi3_27738353_x4	.acucacguNaccggguucgauu	1
Gi3_27746189_x4	.ggguucgUuucccgugac	1
Gi5_8617871_x4	.uucgauucccgugaccgcC	1
Gi3_27747473_x4	.Aacugucacucacgugacc	1
Gi2_10678279_x4	.acucacgCgaccggguuc	1
Gi3_27760269_x4	.uGacgugaccggguucgauucc	1
Gi3_27779545_x4	.gacugucacucGcgugaccggguuc	1
G1a_5782250_x4	.cGcucacgugaccgggu	1
Gi3_27750201_x4	.gacugucacucUcgugaccg	1
Gi2_10685635_x4	.gcggucaaguacagAgg	1
Gi1_4046280_x4	.gGcugucacucacgugacc	1
Gi2_10697415_x4	.guucgauuccUgugacc	1
Gi3_27780777_x4	.gUuucgauucccgugaccgcg	1
Gi2_10661403_x4	.ggguucgauuccCgugac	1
Gi3_27701069_x4	.ucacgugaccggguCcgauuc	1
Gi2_10720431_x4	.gguuUgauucccgugaccg	1
Gi5_8608479_x4	.gcggucaaguacaguggcuaAua	1
Gi2_10682911_x4	.gcggCcauaguacagugg	1
Gi5_8647799_x4	.guucgauucAccggugaccg	1
Gi1_4019436_x4	.acugucacucacgugaccAgg	1
Gi3_27774077_x4	.cacAcacgugaccgggu	1
Gi3_27720517_x4	.gacugucGcucacgugacc	1
Gi5_8641583_x4	.cuUacgugaccggguuc	1
Gi3_27791765_x4	.gacuCucacucacgugaccgg	1
G1a_5803258_x4	.gcggucaaguacaguggcuagA	1
Gi5_8628627_x4	.gguucgauuccggUaaccgc	1
Gi5_8634395_x4	.ugacuAucacucacgugaccgg	1
Gi2_10667175_x4	.Ccggucauaguacagugg	1
Gi1_4037332_x4	.gacCgucacucacgugaccg	1
Gi3_27747589_x4	.gguucgauucGcgugacc	1
Gi3_27747941_x4	.guucgauucccgugacGgcg	1

Gi1_5812390_x4	.....Acggucauaguacaguggcuaguau.....	1
Gi2_10661859_x4	.....gcggucGuaguacagugg.....	1
Gi2_10696087_x4	.....guucgauucccgAugaccg.....	1
Gi3_27672269_x4	.....gcggucauagAacaguggc.....	1
Gi5_8650559_x4	.....guucgauAcccggugaccgc.....	1
Gi3_27678481_x4	.....ucacgugaccggguucCuuc.....	1
Gi3_27785933_x4	.....Uccggugaccgcggcuuu.....	1
Gi1_4017936_x4	.....gcggucauaguacaguggcuaguC.....	1
Gi1a_5796634_x4	.....Ccggucauaguacaguggcuagua.....	1
Gi5_8611195_x4	.....gcggUauaguacaguggcuag.....	1
Gi5_8637359_x4	.....gguucgauucccgugaccgcggcuu.....	0
Gi2_10702027_x4	.....gguucgauAcccggugaccg.....	1
Gi2_10677419_x4	.....acAcacgugaccggguuc.....	1
Gi2_10672651_x4	.....gguucgauuccUggugaccg.....	1
Gi1_4026332_x4	.....ugacugucUcucacgugaccgg.....	1
Gi1_4029088_x4	.....gcggucauaguacaguAgcua.....	1
Gi5_8638403_x4	.....gguucgauucccgAgaccgc.....	1
Gi3_27725309_x4	.....ugacugucacuUacgugaccgg.....	1
Gi3_27794053_x4	.....ggguucgauucccgguAaccgcg.....	1
Gi5_8620207_x4	.....gguucAauucccgugac.....	1
Gi2_10663955_x4	.....guucgauucccgguCaccgc.....	1
Gi5_8609923_x4	.....ugacugucacucacgugaccUgg.....	1
Gi5_8613963_x4	.....gcggucauaguacagugAcuag.....	1
Gi5_8645455_x4	.....gUguucgauucccgguga.....	1
Gi3_27745437_x4	.....Uacucacgugaccggguuc.....	1
Gi2_10671307_x4	.....cacucacgCgaccgggu.....	1
Gi5_8644063_x4	.....gguucgCuucccgugac.....	1
Gi5_8676089_x3	.....ucgauuccUggugaccgc.....	1
Gi3_27902081_x3	.....Cucgauucccgugaccgcg.....	1
Gi3_27849497_x3	.....cacucacgugaccgggA.....	1
Gi3_27858080_x3	.....gguucgauucccgguUacc.....	1
Gi1a_5819209_x3	.....gcggucauagAacaguggcuagu.....	1
Gi1_4056078_x3	.....ggguucgauucccgguga.....	0
Gi2_10750039_x3	.....gcggucaCaguacagugg.....	1
Gi2_10789102_x3	.....gcggucauaAuacaguggc.....	1
Gi1a_5848780_x3	.....gguucgauucccgugaccgcgA.....	1
Gi3_27800990_x3	.....ggguUgauucccgugacc.....	1
Gi1_4085724_x3	.....gcggucaCaguacaguggcuagua.....	1
Gi5_8655104_x3	.....gcggucauaguacaguggcuCgua.....	1
Gi5_8705222_x3	.....cccggguucgauucccgugGcc.....	1
Gi2_10755271_x3	.....gguAcgauucccgugac.....	1
Gi5_8702186_x3	.....gacugucacucGcgugaccg.....	1
Gi5_8676686_x3	.....guucgauGccggugacc.....	1
Gi4_546129_x3	.....cuUacgugaccggguucgauuc.....	1
Gi5_8683538_x3	.....gguucUauucccgugacc.....	1
Gi3_27825464_x3	.....gaccAgguucgauucc.....	1
Gi2_10761907_x3	.....ggguucgauucccgugGcc.....	1

Gi2_10747255_x3.....	.....ggguucgGuucccgugacc.....	1
G1a_5853880_x3.....	.....guuUgauucccgugaccg.....	1
Gi3_27928502_x3.....	.....Uacucacgugacccggguucga.....	1
Gi5_8679098_x3.....	.....gcggucauaguacagAgggcuag.....	1
Gi3_27891152_x3.....	.....acgugGcccggguucgauucc.....	1
Gi5_8655578_x3.....	.....gguucgauucccgugaccgcggc.....	0
Gi3_27933944_x3.....	.....gcggucauaguaGaguggc.....	1
Gi1_4073079_x3.....	.....gcggucauagCacaguggcuagua.....	1
Gi3_27966941_x3.....	.....cacucacgugacccggguucgGuucc.....	1
Gi3_27966389_x3.....	.....cacucacgugaccGgggu.....	1
Gi5_8657591_x3.....	.....gcggucCuaguacaguggcuagua.....	1
Gi5_8692787_x3.....	.....uucgauucAcggugaccgc.....	1
Gi5_8670239_x3.....	.....gcgguAauaguacaguggcua.....	1
Gi5_8655518_x3.....	.....gacugucacucaGgugaccgg.....	1
Gi3_27936521_x3.....	.....ggguucgauucccgGgacc.....	1
Gi3_27853574_x3.....	.....acugucacucacgugacccc.....	1
Gi5_8710214_x3.....	.....ugacugucacucUcgugaccgg.....	1
Gi5_8674424_x3.....	.....gcgguAauaguacaguggcuagu.....	1
Gi3_27840074_x3.....	.....Acgauucccgugaccgcg.....	1
Gi5_8682695_x3.....	.....gcggucauaguacaguggcuagGa.....	1
Gi5_8714537_x3.....	.....gGcccggguucgauucc.....	1
Gi1_4050504_x3.....	.....gcggucauaguacaguggcuC.....	1
Gi3_27843872_x3.....	.....Uggguucgauucccgugacc.....	1
Gi3_27914591_x3.....	.....cgauucccgugaccgcgAc.....	1
Gi2_10728913_x3.....	.....gguucgauucccgAugaccgcg.....	1
Gi2_10821097_x3.....	.....gguucgauucccgugacUg.....	1
Gi5_8692628_x3.....	.....gcggucauaguaGagugg.....	1
Gi2_10740562_x3.....	.....gguucgauucccgugacGgcg.....	1
Gi3_27935507_x3.....	.....caUucacgugacccggguucgauuc.....	1
G1a_5857642_x3.....	.....gguucgauucUcgugacc.....	1
Gi3_27849089_x3.....	.....gacugucaGucacgugaccgg.....	1
Gi5_8715200_x3.....	.....cacucacgugacccAgguuc.....	1
Gi2_10785253_x3.....	.....uUgauucccgugaccgcg.....	1
Gi5_8690249_x3.....	.....gguucgauuccAggugaccgcg.....	1
Gi3_27900395_x3.....	.....ucacCcacugacccggguucga.....	1
Gi1_4070541_x3.....	.....acugCcacucacgugaccgg.....	1
Gi1_4063506_x3.....	.....ugacugucacucacAugaccgg.....	1
Gi1_4059192_x3.....	.....cugucacucGcgugaccgg.....	1
Gi3_27872207_x3.....	.....ggAuucgauucccgugaccgcg.....	1
Gi1_4070082_x3.....	.....gUggucauaguacaguggcuag.....	1
Gi3_27930653_x3.....	.....cacNcacgugacccgggu.....	1
Gi1_4063503_x3.....	.....gcggucCuaguacagugg.....	1
G1a_5844613_x3.....	.....guucgauucccgugCccgc.....	1
Gi3_27895346_x3.....	.....gcggucauaguacaguggcuag.....	0
Gi5_8708492_x3.....	.....uucccgugaccgcgGcA.....	1
Gi2_10753780_x3.....	.....cgauucccgguAaccgcg.....	1
Gi5_8663636_x3.....	.....gcggucCguacaguggcuagua.....	1

Gi3_27948668_x3.....	.....cacucacgugGccccggguucga.....	1
Gi3_27942182_x3.....	.....uucgauucccgugaccgcggcA.....	1
G1a_5848213_x3.....	.....Auucgauucccgugaccg.....	1
Gi4_551766_x3.....	.....gacugucacucacgugaccgg.....	0
Gi5_8657015_x3.....	.....gcggucauaguCcaguggc.....	1
Gi5_8661404_x3.....	.....acugucUcucacgugaccgg.....	1
Gi5_8700713_x3.....	.....gguucgauucccgugaccgcgguA.....	1
Gi1_4057743_x3.....	.....ggguucgauucccgugaccgcgCc.....	1
Gi2_10808998_x3.....	.....cgauucccgGgaccgcgguu.....	1
G1a_5813998_x3.....	.....Ggacugucacucacgugaccgg.....	1
Gi3_27942299_x3.....	.....ugacugucacAcacgugaccgg.....	1
Gi2_10813615_x3.....	.....ggguucgaNuucccgugaccgcg.....	1
Gi3_27944672_x3.....	.....cUugacugucacucacgugaccggguu.....	1
Gi3_27835868_x3.....	.....acGgucacucacgugaccgg.....	1
Gi1_4063494_x3.....	.....gcggucauaguacaguAgcuagua.....	1
G1a_5851108_x3.....	.....gcggucCuaguacaguggcuagu.....	1
Gi1_4070058_x3.....	.....ugaNugucacucacgugaccgg.....	1
Gi2_10807228_x3.....	.....ggAuucgauucccgugaccgc.....	1
Gi3_27850931_x3.....	.....gaccggguucgGuucc.....	1
Gi5_8654237_x3.....	.....gcgguAauaguacaguggcuagua.....	1
Gi5_8702444_x3.....	.....cggucauaNuacaguggcuagu.....	1
Gi2_10811677_x3.....	.....gguucgauucccgugacAg.....	1
Gi3_27950927_x3.....	.....cacucacgugacUcggguucgauuc.....	1
Gi5_8716103_x3.....	.....gcAgucauaguacagugg.....	1
Gi5_8691245_x3.....	.....guucgauucccgCugaccgc.....	1
Gi3_27906755_x3.....	.....Cgguucgauucccgugaccgc.....	1
G1a_5838142_x3.....	.....gGggucauaguacaguggcuA.....	1
Gi5_8664305_x3.....	.....Ucggucauaguacaguggcuaguauc.....	1
Gi5_8695949_x3.....	.....cGcggguucgauucccgugac.....	1
Gi3_27859913_x3.....	.....gacCgucacucacgugacc.....	1
Gi3_27926738_x3.....	.....Uguucgauucccgugaccgcg.....	1
Gi2_10816747_x3.....	.....uGacucacgugacccggu.....	1
Gi3_27903803_x3.....	.....gguNcgauucccgugaccgcg.....	1
Gi5_8702756_x3.....	.....Gacgugacccgguucgauuc.....	1
Gi2_10799941_x3.....	.....gaccggguucgauucc.....	0
G1a_5817562_x3.....	.....gguucgauucccgugGccgc.....	1
G1a_5827933_x3.....	.....Gcgauucccgugaccgc.....	1
Gi2_10775869_x3.....	.....gacugucacucacgugaccgA.....	1
Gi3_27971858_x3.....	.....ucgauuccAgugaccgcg.....	1
Gi3_27875576_x3.....	.....ggguucgauucccgugaccgcgA.....	1
Gi3_27909986_x3.....	.....ucgauuccUgugaccgcg.....	1
Gi1_4050909_x3.....	.....gcggucauaguacaguggUuagua.....	1
Gi2_10742731_x3.....	.....gguucgUuucccgugaccgcg.....	1
Gi3_27905555_x3.....	.....ggguucgauucccgugGcc.....	1
Gi3_27931670_x3.....	.....uucgauucccgAugaccgcg.....	1
Gi1_4069587_x3.....	.....uucgauucccgugaccg.....	0
Gi5_8717321_x3.....	.....guucgaGuucccgugaccgcg.....	1

Gi3_27829994_x3.....	.gacuguAacucacgugacccg.....	1
Gi3_27964184_x3.....	.Cguucgauuucccgugaccgaggc.....	1
Gi2_10784722_x3.....	.guucgauuucccgAgacc.....	1
Gi2_10727872_x3.....	.gguGcgauuucccgugaccgc.....	1
Gi3_27884453_x3.....	.Gacucacgugacccggguucgauu.....	1
Gi3_27807149_x3.....	.gaccgggNucgauuccc.....	1
Gi1_4081233_x3.....	.gGcauaguacaguggcuagu.....	1
Gi2_10797859_x3.....	.gguucgauuucccgugUccg.....	1
Gi5_8694992_x3.....	.gcggUauaguacaguggcuagu.....	1
Gi3_27952574_x3.....	.ggguucgauuuccAgugaccgc.....	1
Gi3_27815867_x3.....	.gguucgauuucccgugacGgcg.....	1
Gi3_27861317_x3.....	.ucgaGuucccgugaccgcg.....	1
Gi3_27963632_x3.....	.gcggucauaguacaguggcG.....	1
Gi1_4048050_x3.....	.ggucauaguacGguggcuagu.....	1
Gi5_8695718_x3.....	.gcggucauaguacaguggUuagua.....	1
Gi3_27933371_x3.....	.cacucacAugacccggguucga.....	1
Gi3_27857387_x3.....	.cacucacgugacccggguC.....	1
Gi2_10797877_x3.....	.gguucgaGuucccgugacc.....	1
Gi1_4055322_x3.....	.gcggucauaguacGguggcuag.....	1
Gi5_8658824_x3.....	.gguucgauAcccgugac.....	1
Gi5_8693312_x3.....	.gcggucUuaguacaguggcu.....	1
Gi2_10784881_x3.....	.gguucgauuucccgAugaccg.....	1
Gi5_8711855_x3.....	.uAcgauuucccgugaccgcg.....	1
Gi3_27836339_x3.....	.uucgauuucccgugaccgcgU.....	1
Gi2_10760623_x3.....	.gcgAucauaguacaguggc.....	1
Gi2_10750858_x3.....	.cgGuucccgugaccgcgcuu.....	1
Gi5_8690531_x3.....	.gcggucauaguacCguggcuaguau.....	1
Gi5_8657225_x3.....	.gacugucacucacgugCcccg.....	1
Gi3_27947315_x3.....	.uCacugucacucacgugacc.....	1
Gl1a_5851048_x3.....	.cacucacgugGcccggu.....	1
Gi1_4088211_x3.....	.ggguucgauuucccgugaccg.....	0
Gi3_27963674_x3.....	.guucgauuucccgugGccgcgcuuu.....	1
Gi5_8673293_x3.....	.gguucgauuucccgugacG.....	1
Gi3_27829250_x3.....	.cgauuucccgugaccgcgU.....	1
Gi3_27973013_x3.....	.ggguucgauuucccgugaccgcC.....	1
Gi3_27933299_x3.....	.cacucacgugaccUggguucga.....	1
Gi1_4082835_x3.....	.gacugucacucaAgugaccgg.....	1
Gi3_27909125_x3.....	.gcggucaAaguacagugg.....	1
Gi3_27940220_x3.....	.acgCgaccggguucgauucc.....	1
Gi2_10750372_x3.....	.gcggucauaguacaguAgc.....	1
Gl1a_5874967_x3.....	.gguucgaCuucccgugac.....	1
Gi2_10806958_x3.....	.guucgauuucccgugaccU.....	1
Gi3_27907289_x3.....	.gacugucaNucacgugacc.....	1
Gi3_27848903_x3.....	.Nuucgauuucccgugaccgc.....	1
Gi1_4077624_x3.....	.gacugucacucacgugaccGgg.....	1
Gi2_10800055_x3.....	.guucgauuucccgugUccgc.....	1
Gi5_8678111_x3.....	.gggCucgauuucccgugacc.....	1

Gi5_8651774_x3.....	guNcgauucccgugaccgc.....	1
Gi5_8698733_x3.....	uucgauucUcggugaccgc.....	1
Gi2_10806853_x3.....	Uguucgauucccgugaccgcggc.....	1
Gi3_27835412_x3.....	uucgauucccgugacAgc.....	1
Gi2_10794553_x3.....	uuUgauucccgugaccgc.....	1
Gi5_8687624_x3.....	gacugucacucacgCgaccg.....	1
Gi2_10811044_x3.....	acugucacucacgugaccgc.....	0
G1a_5848837_x3.....	ggucgauuccAgugaccgc.....	1
Gi3_27897173_x3.....	ggguucgauucccgugaccgcA.....	1
Gi3_27941072_x3.....	uucgauucccgugaccgcgA.....	1
G1a_5851312_x3.....	gucaguaguacCguggcuag.....	1
Gi1_4077780_x3.....	gcggucaguaguacagCggcuag.....	1
Gi3_27864053_x3.....	ggguucgauucccgugaccgcgU.....	1
Gi2_10806790_x3.....	guuAgauucccgugaccgc.....	1
Gi5_8669204_x3.....	cacgugaccgcggguucgauucccgugacc.....	0
Gi3_27891443_x3.....	ggAuucgauucccgugacc.....	1
Gi5_8658302_x3.....	gucaguaguacaguggUuag.....	1
Gi2_10784767_x3.....	ggucgauucccgAgac.....	1
Gi5_8697038_x3.....	cgugaccgcggguucAauuccggu.....	1
Gi3_27806876_x3.....	gugacugucCucacgugaccgc.....	1
Gi5_8691173_x3.....	guucgauucccgAugaccgc.....	1
Gi2_10746415_x3.....	guucgauucccgAgaccgc.....	1
Gi3_27886877_x3.....	gacugucacucacgugaccG.....	1
Gi5_8666006_x3.....	ugacugucacucacgugacGcg.....	1
G1a_5870131_x3.....	guucgauCcccggugaccgc.....	1
Gi5_8671682_x3.....	gguuGgauucccgugaccgc.....	1
Gi3_27829085_x3.....	Aucgauucccgugaccgc.....	1
Gi5_8711369_x3.....	uucgauucccgCgaccgc.....	1
Gi3_27817256_x3.....	Uucacucacgugaccgcggguucg.....	1
Gi2_10806904_x3.....	Ggugacugucacucacgugacc.....	1
Gi5_8672183_x3.....	ggucgauucccgAgaccgc.....	1
Gi3_27957869_x3.....	ggguucgauucccgAugacc.....	1
G1a_5864104_x3.....	gcggucaguaguacaguggcuagGa.....	1
G1a_5822191_x3.....	Cuucgauucccgugacc.....	1
Gi2_10810855_x3.....	ucgauCcccggugaccgc.....	1
Gi5_8653283_x3.....	acCgucacucacgugaccgcgggu.....	1
Gi2_10807435_x3.....	ggguuUgauucccgugaccgc.....	1
Gi4_548655_x3.....	gGucgauucccgugaccgc.....	1
Gi5_8702114_x3.....	gGgaccgcggguucgauucc.....	1
Gi5_8675102_x3.....	guucgauucccgguAaccgc.....	1
Gi3_27843170_x3.....	ucgauuccUggugaccgc.....	1
Gi5_8676329_x3.....	gcggucaguaguacaguggGuaguau.....	1
Gi5_8686448_x3.....	ggucgauucccgugUccgc.....	1
G1a_5870335_x3.....	gcggucaguaguacagugAcuagu.....	1
Gi3_27905795_x3.....	Nuucgauucccgugaccgc.....	1
Gi3_27947159_x3.....	guucgauucccgugaccUc.....	1
Gi5_8680970_x3.....	guucgauucccgugaGc.....	1

Gi3_27936809_x3.....	guucgauucccgguUaccgc.....	1
Gi3_27810917_x3.....	ucacgugacccgggCucga.....	1
Gi2_10823926_x3.....	uCcgauucccgguagaccgcg.....	1
Gl1a_5814490_x3.....	gcggGcauaguacaguggcuagu.....	1
Gi5_8669300_x3.....	guucgauuccAggugaccg.....	1
Gi5_8716244_x3.....	gcggucouGguacagugg.....	1
Gi3_27950702_x3.....	uucgauCcccgguagaccgc.....	1
Gi5_8663924_x3.....	acugucacucacgugacccgggC.....	1
Gi3_27871220_x3.....	guucgauuccGggugacc.....	1
Gi2_10799992_x3.....	cacucacgAgacccgggu.....	1
Gi3_27901469_x3.....	Uucacucacgugacccggguucga.....	1
Gi5_8680127_x3.....	ugacugucacucacAugaccgcg.....	1
Gi3_27893945_x3.....	ggauccGggugac.....	1
Gi5_8706668_x3.....	gCuucgauucccgguagaccg.....	1
Gi5_8688491_x3.....	guucgauuccUgugaccgc.....	1
Gi3_27954092_x3.....	uucgauucccgguagaccgcA.....	1
Gi1_4054299_x3.....	gcggucouaguacGgugg.....	1
Gi4_550329_x3.....	ggguucgauucccgguagaccgcC.....	1
Gi2_10725871_x3.....	ggaucccgguagaccC.....	1
Gi4_547692_x3.....	gGgucouaguacaguggcuagua.....	1
Gi2_10782064_x3.....	Cgguucgauucccgguagacc.....	1
Gi2_10796359_x3.....	cacucacgugacccggAu.....	1
Gi5_8710379_x3.....	cGggguucgauucccgguagacc.....	1
Gi3_27912497_x3.....	cacucacgugacccgggCucgau.....	1
Gl1a_5819575_x3.....	Cguucgauucccgguagacc.....	1
Gi5_8713016_x3.....	ggguucgauCcccgguagaccg.....	1
Gi3_27814232_x3.....	ugacugucacucCcgugaccgcg.....	1
Gi5_8689094_x3.....	cggucouaguacaguggcuG.....	1
Gi5_8703578_x3.....	gauucccgguagaccgcC.....	1
Gi3_27956993_x3.....	gAguucgauucccgguagaccg.....	1
Gi3_27864290_x3.....	ggauccGucccgguagaccgc.....	1
Gi3_27891563_x3.....	gacugucacuAacgugacccgg.....	1
Gi2_10752373_x3.....	cacucacgugacccgggGuc.....	1
Gi3_27897059_x3.....	cgauuccAgugaccgcg.....	1
Gi5_8670293_x3.....	guuAgauucccgguagaccg.....	1
Gi5_8689808_x3.....	gcggucouaguacaguAgcu.....	1
Gi3_27943082_x3.....	cgGaccggguucgauucccggu.....	1
Gi3_27885971_x3.....	gGgacugucacucacgugac.....	1
Gi3_27934571_x3.....	Ccagugacccggguucgauucc.....	1
Gi5_8693843_x3.....	uCcgauucccgguagaccgc.....	1
Gi3_27880460_x3.....	gugacugucacCcagugacc.....	1
Gi5_8698460_x3.....	gcggucouagCacagugg.....	1
Gi3_27951593_x3.....	gaUugucacucacgugacccggguuc.....	1
Gi3_27964394_x3.....	ugacugucacucacgugacccgU.....	1
Gi3_27967427_x3.....	uucgauCcccgguagaccgcg.....	1
Gi2_10775968_x3.....	gcggucouaguacagCgg.....	1
Gi2_10779805_x3.....	ggauccGucccgguagaccgcg.....	1

Gi3_27928043_x3.....	uucgaCucccgugaccgcg.....	1
Gi3_27933569_x3.....	ucgauucccgugaccgcgCA.....	1
Gi5_8664116_x3.....	gCcauaguacaguggcuagu.....	1
Gi3_27921416_x3.....	ggUuucgauucccgugaccgc.....	1
Gi3_27807569_x3.....	gcgguCuuaguacaguggc.....	1
Gi5_8689001_x3.....	ugacugucacucacgugaccgA.....	1
Gi3_27957347_x3.....	ggguucgauucccgugacAgc.....	1
Gi2_10808974_x3.....	ucgauucccgugaccgcgAc.....	1
Gi3_27861320_x3.....	aGucacgugaccggguucgauu.....	1
Gi5_8694035_x3.....	gcggucauagCacaguggcuagua.....	1
Gi3_27886004_x3.....	ugacugCcacucacgugacc.....	1
G1a_5847355_x3.....	Uggguucgauucccgguga.....	1
Gi5_8653073_x3.....	gcgguCguaguacaguggcuag.....	1
Gi5_8659139_x3.....	gacugucacucacgAgaccg.....	1
Gi3_27816506_x3.....	ggguucgGuucccgugaccg.....	1
Gi5_8713553_x3.....	ucgauucccgugaccAc.....	1
Gi3_27889172_x3.....	ggguucgauucccgugaAcg.....	1
Gi5_8692301_x3.....	gcggucauaguacagCggcu.....	1
Gi3_27915911_x3.....	ggguucgauuUccggugaccg.....	1
Gi3_27934556_x3.....	ggguucgauucccgugGccgc.....	1
Gi5_8681966_x3.....	Aucauaguacaguggcuag.....	1
Gi2_10770934_x3.....	guucCauucccgugaccg.....	1
Gi3_27885248_x3.....	Ggugacugucacucacgugacc.....	1
Gi5_8687063_x3.....	ggguucgauucccgguAac.....	1
G1a_5848822_x3.....	gCucgauucccgugacc.....	1
Gi3_27880598_x3.....	acGgucacucacgugaccg.....	1
Gi3_27821771_x3.....	Uggguucgauucccguga.....	1
Gi3_27913031_x3.....	acAgucacucacgugaccgg.....	1
Gi2_10741003_x3.....	ggguucgauucccgugGccgc.....	1
Gi3_27873155_x3.....	gcgAucauaguacagugg.....	1
Gi3_27960044_x3.....	cucacgugaccggguucgauuc.....	0
Gi3_27844334_x3.....	Ucgugaccggguucgauucc.....	1
G1a_5829583_x3.....	gggCucgauucccgugaccg.....	1
Gi1_4088694_x3.....	ggguucgauucccgugaccg.....	0
Gi3_27863315_x3.....	ugacuguUacucacgugaccgg.....	1
Gi5_8667377_x3.....	gguuAgauucccgugaccgc.....	1
Gi3_27838823_x3.....	cacucacgAgaccgggu.....	1
Gi1_4073790_x3.....	uucgauucccgugaccg.....	0
Gi3_27923000_x3.....	ucgauuccUgugaccg.....	1
Gi3_27799409_x3.....	ggguCcgauucccgugacc.....	1
Gi5_8660207_x3.....	ggguucgCuucccgugacc.....	1
Gi5_8712812_x3.....	cggucAuaguacaguggUua.....	1
Gi1_4061592_x3.....	gacugucUcucacgugaccg.....	1
Gi5_8714024_x3.....	guucgauuccGggugaccg.....	1
Gi3_27884648_x3.....	gacugucacucacgugaccAg.....	1
Gi2_10773805_x3.....	guucgauucccgugaGcgc.....	1
Gi5_8714372_x3.....	ggguucgauucccgAugaccg.....	1

Gi3_27817235_x3.....	.gGcacucacgugacccggguucga.....	1
Gi5_8699057_x3.....	.....gguucgauuAccggugac.....	1
Gi1_4081644_x3.....	.....cacucacgugacccggguuc.....	0
Gi3_27897068_x3.....	.....ucgauucccgugaccgcC.....	1
Gi3_27969497_x3.....	.....cccggguucgauuccggGgac.....	1
Gi2_10795948_x3.....	.....gguucgauucAcggugaccg.....	1
Gi1_4079769_x3.....	.....gcggucaCaguacagugg.....	1
Gi1a_5819143_x3.....	.....Cguucgauucccgugaccgc.....	1
Gi5_8713691_x3.....	.....gguNcgauucccgugac.....	1
Gi1_4063191_x3.....	.....Cuucgauucccgugaccg.....	1
Gi5_8700431_x3.....	.....gguucgauucAcggugaccg.....	1
Gi3_27952079_x3.....	.....uucgauucccgugacGg.....	1
Gi3_27871997_x3.....	.....cgGgacugucacucacgugacc.....	1
Gi2_10787860_x3.....	.....gguucgauuccAggugaccg.....	1
Gi2_10816276_x3.....	.....guucgauuUccggugaccg.....	1
Gi1_4069932_x3.....	.....gcggucCuaguacaguggcua.....	1
Gi3_27821963_x3.....	.....ugacugucacCcacgugacc.....	1
Gi3_27813794_x3.....	.....gguucgauCcccggugacc.....	1
Gi3_27950039_x3.....	.....guucgauGcccggugaccg.....	1
Gi2_10741789_x3.....	.....cacucaUgugacccgggu.....	1
Gi5_8709122_x3.....	.....gguUgauucccgugaccg.....	1
Gi5_8680319_x3.....	.....gguucgauucccgugacUg.....	1
Gi2_10798015_x3.....	.....ucgGuucccgugaccgc.....	1
Gi3_27844499_x3.....	.....gugcggucauaguacaguggcCaguau.....	1
Gi1_4082205_x3.....	.....uGacucacgugacccggguuc.....	1
Gi1_4071753_x3.....	.....gUggucauaguacaguggcuagu.....	1
Gi3_27872183_x3.....	.....cacuUacgugacccgggu.....	1
Gi5_8695691_x3.....	.....ugacugucacucacgugaccAgg.....	1
Gi5_8660477_x3.....	.....gcggucauaguacaguggAuagu.....	1
Gi2_10816366_x3.....	.....gUggucauaguacagugg.....	1
Gi1_4066866_x3.....	.....gcggucauaguacagAggc.....	1
Gi3_27977309_x3.....	.....Aacucacgugacccgggu.....	1
Gi3_27833606_x3.....	.....gguGcgauucccgugacc.....	1
Gi1_4060434_x3.....	.....Acggucauaguacaguggcu.....	1
Gi3_27935378_x3.....	.....cacucacgugacGcggguucga.....	1
Gi2_10733653_x3.....	.....gguAcgauucccgugaccgc.....	1
Gi5_8682536_x3.....	.....gcgAucauaguacaguggcua.....	1
Gi2_10741207_x3.....	.....gAguucgauucccgugacc.....	1
Gi1a_5820997_x3.....	.....gguucgauuccUggugac.....	1
Gi2_10785838_x3.....	.....gguucgauucccgugUc.....	1
Gi3_27899435_x3.....	.....gUcugucacucacgugacc.....	1
Gi3_27801743_x3.....	.....Augacugucacucacgugacc.....	1
Gi5_8676836_x3.....	.....guucgauucccgugacGgc.....	1
Gi4_551904_x3.....	.....gGucgauucccgugacc.....	1
Gi3_27835328_x3.....	.....gauucccgugaccgUc.....	1
Gi5_8701250_x3.....	.....gacugucacuUaccgugaccg.....	1
Gi1_4077246_x3.....	.....Gacucacgugacccgggu.....	1

Gi5_8693732_x3	.....Gcgggucgauuccggugacc	1
Gi5_8658485_x3	.....uucgauuccAgugaccg	1
Gi1_4084539_x3	.....gcggUauaguacagugg	1
Gi5_8705903_x3	.....gcggucauaAuacaguggcuagua	1
Gi2_10732021_x3	.....gguucgauuccGggugaccgc	1
Gi3_27801461_x3	.....cacucacgNgaccggguu	1
Gi5_8699585_x3	.....guucgauuccggugacG	1
Gi5_8652035_x3	.....aGugucacucacgugaccggguuc	1
Gi2_10826281_x3	.....gguucgauuAccggugac	1
Gi5_8672273_x3	.....gguucgauuccggugaccg	0
Gi5_8662745_x3	.....caUucacgugaccggguuc	1
Gi5_8705351_x3	.....gacugucacucacgAgaccg	1
Gi3_27813647_x3	.....gguucUauuccggugaccgc	1
Gi3_27808823_x3	.....gcggucauaguacaCuggc	1
Gi1_4047873_x3	.....ugacugucacucacgugacUcg	1
Gi3_27804509_x3	.....accggguucgauuccggugCcc	1
Gi4_546675_x3	.....gcggucGuaguacaguggcuagu	1
Gi2_10756741_x3	.....ggguucgauuccggGgacc	1
Gi5_8656349_x3	.....gguucgauuccggugaGcgc	1
Gi5_8717675_x3	.....gcggucauGguacaguggcuag	1
Gi2_10787935_x3	.....uUacugucacucacgugaccg	1
Gi1a_5830471_x3	.....guucgauuccggugaccgAc	1
Gi3_27843116_x3	.....cacucGcgugaccggguuc	1
Gi5_8674856_x3	.....gucauaguNcaguggcuag	1
Gi1a_5842390_x3	.....guucgauuNccggugaccgc	1
Gi2_10753690_x3	.....uuUgauuccggugaccgc	1
Gi3_27954266_x3	.....guucgauuGccggugaccg	1
Gi3_27855011_x3	.....ucgauAccggugaccgc	1
Gi1_4080009_x3	.....gacugucacucacgugCccc	1
Gi5_8703644_x3	.....Ucggucauaguacaguggcuaguaug	1
Gi5_8699834_x3	.....guucgauuccgguCacc	1
Gi5_8655869_x3	.....gcggucauGguacaguggcuagu	1
Gi5_8703350_x3	.....gcggucauaguacaguUgc	1
Gi3_27960161_x3	.....Cacugucacucacgugacc	1
Gi5_8653391_x3	.....cucacgugNccggguuc	1
Gi3_27961121_x3	.....ggguGcgauuccggugaccg	1
Gi1_4075470_x3	.....auuccggugaccgCc	1
Gi1a_5835328_x3	.....gguucgauuccggugaGc	1
Gi5_8670476_x3	.....guucCauuccggugacc	1
Gi3_27964661_x3	.....Aguucgauuccggugaccgcuuu	1
Gi3_27840179_x3	.....gguucgauuccggugUccg	1
Gi1_4053924_x3	.....gacugucacucacgugaccAg	1
Gi1a_5859661_x3	.....gCuucgauuccggugac	1
Gi5_8708696_x3	.....gcggucCuaguacaguggc	1
Gi3_27937058_x3	.....ucacucaUgugaccggguucga	1
Gi3_27868241_x3	.....Augacugucacucacgugacc	1
Gi3_27974570_x3	.....cacucacgugaccggGuc	1

Gi5_8717486_x3	.....gguucgUuucccgugaccgc	1
Gi3_27905381_x3	.....ucacucacgugaccgggCucga	1
Gi3_27966551_x3	.....cacucacgugaccgAgu	1
Gi3_27889730_x3	.....Cugacugucacucacgugaccgg	1
Gi2_10791913_x3	.....gguucgauNcccggugaccgcggc	1
Gi3_27917765_x3	.....ugacuguAacucacgugaccgg	1
Gi5_8651537_x3	.....ucUcucacgugaccggguucgauuc	1
Gi3_27950072_x3	.....auuccggNgaccgcggcuu	1
Gi5_8675645_x3	.....acUgaccggguucgauucc	1
Gi1_4085487_x3	.....gguucgaCucccgugaccg	1
Gi2_10771234_x3	.....guucgCuucccgugaccgc	1
Gi2_10751380_x3	.....gcggucauaguacCgugg	1
Gi3_27797843_x3	.....acgugaccggguucgCuucc	1
Gi3_27953762_x3	.....cacucacgugaccGggguu	1
Gi3_27825521_x3	.....ggguucgauuccggCgaccgcg	1
Gi3_27823751_x3	.....aUugucacucacgugaccg	1
Gi1a_5827132_x3	.....gguucAauucccgugac	1
Gi2_10745500_x3	.....ggAuucgauucccgugaccg	1
Gi3_27929873_x3	.....uucgauucccgugacUgcg	1
Gi2_10818544_x3	.....Uggguucgauucccgugacc	1
Gi1a_5867665_x3	.....gacugucacucacgugaccgg	0
Gi1_4085211_x3	.....uucgauucccgugaccgcU	1
Gi3_27938843_x3	.....gugaccggguucgauCccc	1
Gi3_27953051_x3	.....gcggucauaguacaguggcAagu	1
Gi1a_5845174_x3	.....gcggucaCaguacaguggcuagu	1
Gi3_27968375_x3	.....guuGgauucccgugaccgc	1
Gi1_4048668_x3	.....cacucacgugaccggguucga	0
Gi2_10748155_x3	.....gauucccgugaccgcgCcu	1
Gi3_27979559_x3	.....ugacugucUcucacgugaccg	1
Gi3_27899762_x3	.....gguucgauucccgugaccgcgAcu	1
Gi3_27955232_x3	.....gcggucauagAacagugg	1
Gi5_8717489_x3	.....gucauaguacCguggcuagu	1
Gi3_27935945_x3	.....ugacugucacucacgugaccGgg	1
Gi3_27824450_x3	.....cgaCucccgugaccgcg	1
Gi5_8675036_x3	.....ucAauucccgugaccgc	1
Gi5_8710856_x3	.....aGugucacucacgugaccgggu	1
Gi1_4051989_x3	.....gUucauaguacaguggcuagu	1
Gi1a_5867575_x3	.....guucAauucccgugaccgc	1
Gi3_27811607_x3	.....gugacugucacucagAaccgg	1
Gi5_8705948_x3	.....gcggucauaguacaguggcuaAu	1
Gi5_8697203_x3	.....gugacugCcacucacgugacc	1
Gi5_8705675_x3	.....gguucgauCcccggugaccg	1
Gi5_8710043_x3	.....ugacugucacucCcgugaccgg	1
Gi3_27918170_x3	.....gugacugucacucCcgugaccg	1
Gi2_10777573_x3	.....ggNucgauucccgugacc	1
Gi5_8689889_x3	.....auucccgugaccgcgCcu	1
Gi5_8660840_x3	.....ucgauuccAgugaccgc	1

Gi4_549864_x3gguucgauucccgguaccgCGcu..... 1
 Gi5_8717729_x3.....gcggucgauaguacaguAgc..... 1
 G1a_5831365_x3.....gguucgauucccgGgacc..... 1
 Gi3_27936245_x3.....cgauucccgguGccgCG..... 1
 Gi3_27898874_x3.....gugacccgNguucgauucc..... 1
 Gi4_546966_x3.....gacugucacCcaccgugaccgg..... 1
 Gi5_8691023_x3.....gacugucacucacgugaccAg..... 1
 Gi1_4057986_x3.....gacugucacAcaccgugaccg..... 1
 Gi1_4071237_x3.....guucgauucccgguacU..... 1
 Gi2_10731028_x3.....guucgauucccgCugaccgc..... 1
 Gi2_10820923_x3.....cgugacccggguucgauCc..... 1
 Gi3_27908516_x3.....gacccgggCucgauucc..... 1
 Gi2_10758448_x3.....gacugucacucacgugCcccg..... 1
 Gi3_27882242_x3.....cgauucccgugaccgCA..... 1
 Gi3_27822965_x3.....ggguucgauucccgguGacgCG..... 1
 Gi5_8684363_x3.....gcggucaAaguacaguggcua..... 1
 Gi2_10814683_x3.....gcggucgauaguacaguggcCaguauGcgugac..... 1
 Gi1_4077126_x3.....ugacugucacucaAgugaccg..... 1
 Gi4_551991_x3.....Accgucgauaguacaguggc..... 1
 Gi3_27800237_x3.....gugacugucacucacgugaccC..... 1
 Gi3_27977144_x3.....caUgugaccggguucgauucc..... 1
 Gi5_8661344_x3.....gcggucgauaguacagCggcua..... 1
 G1a_5862250_x3.....gcggucgauaguacaguggcuaAu..... 1
 Gi2_10728490_x3.....uGaccgugaccggguucgauucc..... 1
 Gi1_4063455_x3.....Aacugucacucacgugacc..... 1
 G1a_5832520_x3.....gacugucaGucacgugaccgggu..... 1
 Gi2_10747087_x3.....guucgauucccgguGacGg..... 1
 Gi3_27862166_x3.....ggguucgauuUccggugacc..... 1
 Gi3_27824411_x3.....guucgauuGccggugaccgCG..... 1
 Gi2_10729264_x3.....ggAucgauucccgguGaccg..... 1
 Gi1_4074654_x3.....gcggCcauaguacagugg..... 1
 Gi1_4065327_x3.....gcggucgauaguacaAuggcuagua..... 1
 Gi3_27905813_x3.....gacugucacucacgugGcc..... 1
 Gi3_27839366_x3.....cacuGaccgugaccggguuc..... 1
 Gi1_4076568_x3.....gcggucgauNguacaguggcua..... 1
 Gi2_10799758_x3.....AgguucgauucccgguGaccgCG..... 1
 G1a_5818585_x3.....guucgauucccgAugaccg..... 1
 Gi5_8672174_x3.....gguucgauucccgguGacg..... 1
 Gi3_27881024_x3.....gcgguaAauaguacaguggc..... 1
 Gi1_4053939_x3.....gcggucgauaguacaguggcuaGCa..... 1
 Gi2_10808563_x3.....gguucgauucccgguAaccg..... 1
 Gi5_8663795_x3.....gugacugucacucacgugCcc..... 1
 Gi1_4058193_x3.....gcggucgauaguGcagugg..... 1
 Gi3_27950714_x3.....gcggucauaAuacagugg..... 1
 Gi2_10754575_x3.....GggguucgauucccgguGacc..... 1
 Gi5_8707292_x3.....gGcugucacucacgugaccgggu..... 1
 Gi3_27939182_x3.....cacucacgugCccgggu..... 1

Gi3_27881906_x3.....	ucgauucccgguCaccgc.....	1
Gi5_8705321_x3.....	Gggguucgauucccgguac.....	1
Gi3_27811976_x3.....	guucgauGcccggugaccgc.....	1
Gi3_27968369_x3.....	cacucacgCgaccggguu.....	1
Gi5_8668622_x3.....	cGcgugaccggguucgauuc.....	1
Gl1a_5824471_x3.....	gguucgauucccgguaccgcggc.....	0
Gi3_27869975_x3.....	ucacucacgCgaccggguucga.....	1
Gi4_547281_x3.....	cucacgugacGcgguucgauuc.....	1
Gi3_27820052_x3.....	gacugucaAucacgugaccgc.....	1
Gi4_545904_x3.....	Ucggucaguacaguggcuag.....	1
Gi5_8670608_x3.....	gcggucaCaguacaguggcuaguau.....	1
Gi3_27962345_x3.....	uucgauucccgguaccgUg.....	1
Gi2_10816798_x3.....	ggguucgauuccAgugaccgcg.....	1
Gi2_10784251_x3.....	gguucgauuUccggugaccgcg.....	1
Gi2_10744777_x3.....	guucgauAccggugaccgc.....	1
Gi2_10783594_x3.....	gguucgauucccgAugaccgc.....	1
Gi3_27937793_x3.....	cgGuucccgguaccgcg.....	1
Gi5_8664704_x3.....	cUcggguucgauucccgguac.....	1
Gi1_4080573_x3.....	Ccggucaguacagugg.....	1
Gi2_10793053_x3.....	cgaCucccgguaccgcg.....	1
Gi3_27878855_x3.....	gcggucaguacagugC.....	1
Gl1a_5813284_x3.....	gguucgauucccgguUcc.....	1
Gi3_27975914_x3.....	aUgugaccggguucgauucc.....	1
Gi5_8694524_x3.....	gaNugucacucacgugaccgcg.....	1
Gi3_27977876_x3.....	cacucacgugaccggAu.....	1
Gi2_10802023_x3.....	ucgauucccgguaccAc.....	1
Gl1a_5856844_x3.....	ggguucAauucccgguaccg.....	1
Gi1_4052832_x3.....	Ugucauaguacaguggcuagu.....	1
Gi5_8711717_x3.....	acugucacucacgugGcccgggu.....	1
Gi3_27900764_x3.....	gacugucacucacgugacGcg.....	1
Gi2_10807459_x3.....	Cacugucacucacgugacc.....	1
Gi1_4054353_x3.....	gUucauaguacaguggcuagua.....	1
Gi2_10770214_x3.....	gguucgUuucccgguacc.....	1
Gi3_27942998_x3.....	gacugucacucacgugGccc.....	1
Gi5_8671463_x3.....	guucgauucccgguaccgcg.....	1
Gi3_27907232_x3.....	gacugucacucacguUaccgcg.....	1
Gi5_8711939_x3.....	gguucgCuucccgguaccg.....	1
Gi3_27912959_x3.....	Aacugucacucacgugaccggg.....	1
Gl1a_5868328_x3.....	gguucgauuccAggugacc.....	1
Gi3_27920297_x3.....	cGcgugaccgcggcuuu.....	1
Gi3_27845327_x3.....	ggNucgauucccgguacc.....	1
Gi2_10751464_x3.....	guucgauGcccggugacc.....	1
Gi1_4087512_x3.....	gcggucaguacagAgg.....	1
Gi5_8656928_x3.....	acugucGcucacgugaccgggu.....	1
Gi3_27802175_x3.....	ugacugucacucacgugacGcg.....	1
Gi1_4075482_x3.....	gcggucaguacaguAg.....	1
Gi5_8709899_x3.....	gguuUgauucccgguaccgcg.....	1

Gi3_27963233_x3	.....gguAcgauuuccggugaccg	1
Gi3_27855617_x3	.....gguucgauuuccggugaccC	1
Gi3_27928133_x3	.....acucacgugacccggguucgauC	1
Gi2_10784002_x3	.....gguucgauuUccggugac	1
Gi3_27837029_x3	.....Gcacgugacccggguucga	1
Gi4_545940_x3	.....acucacgAgacccggguucg	1
Gi5_8698589_x3	.....gguucgauuUccggugaccg	1
Gi1_4059594_x3	.....gGggucgauuacaguggcuaguau	1
Gi2_10747237_x3	.....uCcgauuuccggugaccgc	1
Gi3_27937532_x3	.....acCcacgugacccggguu	1
Gi2_10818052_x3	.....cUcucacgugacccggguucga	1
Gi3_27812930_x3	.....guucgauuccUgugaccgc	1
Gi3_27796250_x3	.....acAgucacucacgugacccgggu	1
Gi2_10780387_x3	.....cgauuccNgugaccgcgcuu	1
Gi5_8658497_x3	.....acgugaccNgguucgauucc	1
Gi1a_5868379_x3	.....gucauaguNcaguggcuag	1
Gi5_8662004_x3	.....guucgauuAcggugaccgcg	1
Gi2_10788349_x3	.....gguucgauuccCgugaccgc	1
Gi3_28092516_x2	.....ugacugucacucUcgugacccgg	1
Gi5_8752197_x2	.....gcfgCcauaguacagugg	1
Gi5_8763381_x2	.....gcfggucauaguacagugA	1
Gi1a_5908126_x2	.....guucgauuccggugaccgcgU	1
Gi5_8734583_x2	.....cccgguucgauuUcgugac	1
Gi4_553642_x2	.....cucacgugacccggguucGuuc	1
Gi1a_5951946_x2	.....gguucgauucccgAgac	1
Gi5_8731149_x2	.....ucgauCcccgugaccgc	1
Gi5_8761135_x2	.....gcfggucauaguacUguggcu	1
Gi2_10954217_x2	.....acucacgugacccgggCuc	1
Gi1a_5940982_x2	.....guucgauucccgugaUcgc	1
Gi2_10968711_x2	.....guNcgauucccgugacc	1
Gi1a_5930474_x2	.....gguucgauucccgCgac	1
Gi1_4093363_x2	.....ugacugucacucacgugaUccg	1
Gi3_28021736_x2	.....guucgauuGccggugaccgc	1
Gi2_10844523_x2	.....gguucgauucccgAgaccgcg	1
Gi3_28097356_x2	.....gacugucacucacgugacccggA	1
Gi3_28230924_x2	.....gguucgauuccGggugaccgc	1
Gi2_10898329_x2	.....cacgugacccggguucgauucc	0
Gi5_8755635_x2	.....Uauaguacaguggcuagu	1
Gi5_8813705_x2	.....guucgauuUcgugaccgcg	1
Gi2_10932841_x2	.....gguucgauuccGggugacc	1
Gi5_8770143_x2	.....gcfggucauaguCcaugggcu	1
Gi1a_5928780_x2	.....guucgauAcccgugaccgc	1
Gi2_10934395_x2	.....ugacugucNcucacguga	1
Gi5_8815867_x2	.....Ccgauucccgugaccgc	1
Gi2_10888869_x2	.....gacugucacucacgugacU	1
Gi1_4131997_x2	.....guucAauuccggugaccgcggc	1
Gi3_28121094_x2	.....ggguucgauuAccggugaccgcg	1

Gi3_28012272_x2.....	guucCauucccgugaccg.....	1
Gi2_10905397_x2.....	cacucacgugaccUgggu.....	1
Gi1_4149221_x2.....	gaNugucacucacgugaccgg.....	1
Gi3_28106192_x2.....	guucgauucccgugaccgG.....	1
Gi2_10869921_x2.....	guucgauucGcggugacc.....	1
Gi2_10830971_x2.....	ggUuucgauucccgugaccg.....	1
Gi5_8729119_x2.....	cggucauaguacaAuggcua.....	1
Gi2_10977605_x2.....	gaccggguucgCuucc.....	1
Gi3_28028328_x2.....	gugaccggguucgauucU.....	1
Gi3_28219078_x2.....	ugacugucacucacguAaccgg.....	1
Gi5_8746825_x2.....	ugacugucaAucacgugaccgg.....	1
Gi5_8816137_x2.....	cggucauagCacaguggcua.....	1
Gi3_28203460_x2.....	gguucgUuucccgugaccg.....	1
Gi2_10877371_x2.....	ucgauucccgGgaccg.....	1
Gi5_8750961_x2.....	Ucggucauaguacaguggcuaguucg.....	1
Gi5_8741863_x2.....	cggucauaguacaguggcuagCa.....	1
Gi3_28162336_x2.....	augcgugacugucacucacgugaAc.....	1
Gi3_27996480_x2.....	gacugucacCcacgugacc.....	1
Gi1_4158631_x2.....	gcggucauaguacGguggc.....	1
Gi3_27985884_x2.....	Nguucgauucccgugaccg.....	1
Gi5_8800507_x2.....	cgugaccggguucgGuucccgugacc.....	1
Gi3_28254568_x2.....	ggAuucgauucccgugac.....	1
Gi1a_5900470_x2.....	gguucgauuccAggugaccg.....	1
Gi5_8794629_x2.....	gacuCucacucacgugaccgg.....	1
Gi1a_5908784_x2.....	gguucgauuccCgugacc.....	1
Gi3_28216500_x2.....	gacuCucacucacgugaccg.....	1
Gi5_8776541_x2.....	cccgguucgauuccgAugac.....	1
Gi3_28255916_x2.....	guucgauucccgCugaccg.....	1
Gi2_10930507_x2.....	uucgauCcccgugaccg.....	1
Gi5_8724753_x2.....	cgauucccgugaccgCcu.....	1
Gi3_28255094_x2.....	gcgguaAauaguacagugg.....	1
Gi3_28118762_x2.....	ucgauucccgugaccgAc.....	1
Gi5_8736091_x2.....	guucCauucccgugaccg.....	1
Gi3_28070986_x2.....	cccgguucgauucccgugUc.....	1
Gi5_8770555_x2.....	ggNucgauucccgugacc.....	1
Gi2_10966431_x2.....	gugacugucGcucacgugaccg.....	1
Gi2_10968385_x2.....	guucgauuGccggugaccg.....	1
Gi5_8723819_x2.....	gguucgauucccgugaccgU.....	1
Gi3_27980386_x2.....	cccgguucgauAcccgugac.....	1
Gi3_28009166_x2.....	gugacugCcacucacguga.....	1
Gi2_10873279_x2.....	Ugugaccggguucgauuc.....	1
Gi2_10987543_x2.....	gacugucacucacgugaccUgg.....	1
Gi2_10960449_x2.....	ggguuUgauucccgugacc.....	1
Gi1_4135433_x2.....	gacugucacucCcgugacc.....	1
Gi3_28233678_x2.....	Uggguucgauucccgugaccg.....	1
Gi5_8771629_x2.....	gcggucGuaguacaguggcu.....	1
Gi5_8823749_x2.....	guucgUuucccgugaccg.....	1

Gi3_28021144_x2.....	gugacccggguucgCuuccc.....	1
Gi2_10896921_x2.....	gguuGgauucccgugac.....	1
Gi5_8750751_x2.....	gcggucauaguacaAuggcuaugu.....	1
Gi5_8820275_x2.....	cccgguucgauucccgGgacc.....	1
Gi3_28184418_x2.....	aGucacgugacccggguucgauucc.....	1
Gi5_8808177_x2.....	acgugacccggguucgCuuccc.....	1
Gi3_28149016_x2.....	ucgauuccGggugaccgcg.....	1
Gi3_28068858_x2.....	cacucacgugacAcgggu.....	1
G1a_5893248_x2.....	gcggucauagCacaguggcuagu.....	1
Gi1_4121347_x2.....	gcggucauaguacaguggcuaguCu.....	1
Gi4_567194_x2.....	ggguucgauucccgugaccg.....	0
Gi3_28057826_x2.....	ucacgugacccggguucgC.....	1
Gi3_28141462_x2.....	uucgaAuucccgugaccgcg.....	1
Gi1_4090413_x2.....	gcggucauaguaGaguggcuagua.....	1
Gi1_4113243_x2.....	ucUcucacgugacccggguuc.....	1
G1a_5970608_x2.....	guucgauucccgAgacc.....	1
Gi1_4135911_x2.....	Gauaguacaguggcuagu.....	1
Gi5_8775639_x2.....	gucauaguGcaguggcuagu.....	1
Gi2_10930901_x2.....	ggguucgauucccgAugaccgc.....	1
Gi5_8813725_x2.....	gcggGcauaguacaguggcuaguau.....	1
Gi5_8806865_x2.....	gcggCcauaguacaguggcu.....	1
Gi2_10913697_x2.....	gcgguaAuaguacaguggc.....	1
Gi3_28071702_x2.....	ucacucacNugacccggguuc.....	1
Gi3_28085042_x2.....	Ggacugucacucacgugacc.....	1
Gi2_10872615_x2.....	gguucgauucccgugaccgcg.....	0
Gi1_4102267_x2.....	ugacuguGacucacgugaccgg.....	1
Gi3_28021118_x2.....	cUcucacgugacccgggu.....	1
Gi2_10867145_x2.....	cacucacgugacAcggguuc.....	1
Gi2_10936623_x2.....	gcggucaAaguacaguggc.....	1
Gi1_4117505_x2.....	gcggucauaguacaAuggcua.....	1
Gi1_4127193_x2.....	gguucgauucccgugGccg.....	1
Gi3_28180108_x2.....	cacucUcgugacccggguucga.....	1
Gi5_8724727_x2.....	gguucgauucccgugaccgAg.....	1
Gi1_4120377_x2.....	ugacugucaUucacgugaccg.....	1
Gi3_28068462_x2.....	gguucgauuccGggugaccgcg.....	1
G1a_5974386_x2.....	gcggucauUguacaguggcuagu.....	1
Gi3_28194696_x2.....	cucacgugacccggguucgaCucc.....	1
Gi2_10924041_x2.....	gugacugucacucCcgugaccg.....	1
Gi1_4149923_x2.....	acugucacucacgugGcccgguuc.....	1
G1a_5950298_x2.....	ucacgugacccggguucgCuuc.....	1
Gi5_8743609_x2.....	Gggucauaguacaguggcuagua.....	1
Gi3_28070450_x2.....	ugacugucacucacgugCcccg.....	1
Gi3_28163412_x2.....	cgugacugucCucacgugacccgggu.....	1
Gi2_10968709_x2.....	Uacugucacucacgugaccg.....	1
Gi5_8718639_x2.....	acgugacccggGucgauucc.....	1
Gi1_4147087_x2.....	gcggucanGuacaguggcuag.....	1
Gi4_566324_x2.....	gcgguaUaguacaguggcuagu.....	1

Gi5_8775135_x2	.....acAgucacucacgugaccggguuc	1
Gi2_10831681_x2	.....gguuAgauucccgugaccg	1
Gi3_28117924_x2	.....Auucgauucccgugaccgggc	1
Gi1_4150095_x2	.....gcggucauaguacaguggcuaguaC	1
Gi3_28065124_x2	.....cacucacgugaccAgggguucga	1
Gi1_4100687_x2	.....ucacucacgugaccgggCuc	1
Gi2_10987655_x2	.....gguAcgauucccgugaccg	1
Gi5_8825475_x2	.....gcggucauaguacaguggcuaguUu	1
Gi1a_5897714_x2	.....guAcgauucccgugaccg	1
Gi2_10830139_x2	.....uGgauucccgugaccg	1
Gi4_559908_x2	.....gauucccgugaccgCG	1
Gi3_28094592_x2	.....ggguucgaNuucccgugaccg	1
Gi5_8809823_x2	.....gcggucauaguacaguggGuag	1
Gi2_10861593_x2	.....cgauucccgugaccggcuuA	1
Gi1_4144083_x2	.....ggguucgauucccgugaccg	0
Gi1a_5923152_x2	.....gguucgauucccgugUccgc	1
Gi5_8762015_x2	.....guucgauucccgugaGgc	1
Gi5_8798265_x2	.....uucAauucccgugaccg	1
Gi3_28254146_x2	.....ugacugucacucacgugUcccg	1
Gi1_4145631_x2	.....guucCauucccgugaccg	1
Gi3_28012012_x2	.....gugacugucacucacgugGccc	1
Gi1a_5912920_x2	.....guucgauuccUggugaccg	1
Gi1a_5956350_x2	.....gcggucauaguacGguggcuagua	1
Gi2_10956359_x2	.....ugacugucacucacgugacAcg	1
Gi5_8726927_x2	.....guucgauuccGcgugacc	1
Gi3_28240320_x2	.....acgugaccggguCcgauucc	1
Gi3_28130170_x2	.....cugucacucacgCgaccgggu	1
Gi3_28259900_x2	.....aGugucacucacgugaccg	1
Gi5_8777537_x2	.....cucacgCgaccggguuc	1
Gi1_4132399_x2	.....gcggucauaguacagCggcuaguau	1
Gi3_28071596_x2	.....Ugauucccgugaccg	1
Gi1a_5952340_x2	.....guucgauuNccggugaccg	1
Gi3_28224076_x2	.....gguucgauucccgugaccgcAgcuuu	1
Gi5_8734299_x2	.....gcggucauaguaGaguggcuagua	1
Gi3_28260394_x2	.....gugacugucacucacgugCccc	1
Gi3_28179752_x2	.....gguucgauuccAcggugaccg	1
Gi5_8750571_x2	.....gGcggucauaguacaguggcuagua	1
Gi2_10979869_x2	.....cacucacgugaccggguCc	1
Gi5_8777837_x2	.....acAgucacucacgugaccgggu	1
Gi5_8805665_x2	.....gguucgauuccUcgugaccg	1
Gi1_4093331_x2	.....gcggucauagGacaguggcuagua	1
Gi3_28217140_x2	.....gugaccggguGucgauucc	1
Gi2_10925543_x2	.....gacCgucacucacgugaccgg	1
Gi3_28246464_x2	.....ugacugucacucacgugaAccg	1
Gi5_8806251_x2	.....gcggucauaguaAaguggc	1
Gi1_4144047_x2	.....gugGcugucacucacgugacc	1
Gi1_4131161_x2	.....ucacucacgAgaccggguuc	1

Gi3_28260072_x2.....acAcacgugacccggguu..... 1
 Gi3_28113114_x2.....cgauucccgugUccgcg..... 1
 Gi5_8829639_x2.....gacugucacucacguCacccgg..... 1
 Gi1_4089493_x2.....acugucacucacCugacccgg..... 1
 Gi3_28253492_x2.....gugacccgggCucgauucc..... 1
 Gi3_28032144_x2.....cacucacgugCcccgguucgauuc..... 1
 Gi2_10986311_x2.....cgugacugNcacucacgugacc..... 1
 Gi3_27998446_x2.....ugacugucacucacGgacccg..... 1
 Gi1_4095899_x2.....gcfgGcauaguacaguggcuag..... 1
 Gi5_8789063_x2.....gcfggucauaguacUguggcuag..... 1
 Gl1a_5974842_x2.....guucgauucccgugacUg..... 1
 Gi3_28245502_x2.....guucgauucccgGgacccgccc..... 1
 Gi3_27982532_x2.....guucAauucccgugacccgccc..... 1
 Gi1_4138435_x2.....gcfggucauaguaGaguggcu..... 1
 Gi5_8744123_x2.....gguucgauucccgguUaccg..... 1
 Gi3_28217844_x2.....Gcucacgugacccggguucgau..... 1
 Gi5_8722741_x2.....ugacuguUacucacgugacccgg..... 1
 Gi5_8735615_x2.....gcfggucauaguUcagugg..... 1
 Gi5_8778839_x2.....guucgauucccgAgaccgccc..... 1
 Gi3_28241764_x2.....acgugaccNggguucgauucccgugac..... 1
 Gi3_27998096_x2.....acuNucacucacgugacccg..... 1
 Gi2_10867611_x2.....ucgGuucccgugacccgccc..... 1
 Gi3_28050422_x2.....cCugacugucacucacgugacc..... 1
 Gi5_8758317_x2.....gcfggucauagAacaguggcu..... 1
 Gl1a_5975756_x2.....guucgauuccUggugacc..... 1
 Gi1_4147983_x2.....ugacugucacucacgugCcccg..... 1
 Gi2_10855543_x2.....ggguucgauucccgGgacccgccc..... 1
 Gi3_28257462_x2.....ggguucgauAcccgugacccgccc..... 1
 Gi3_28089796_x2.....Gacucacgugacccggguucgauuc..... 1
 Gi5_8789365_x2.....cccgguuNgauucccgugacc..... 1
 Gi5_8740177_x2.....cccgguucgauuccAgugacc..... 1
 Gl1a_5889770_x2.....gggGucgauucccgugacccg..... 1
 Gi3_28018096_x2.....ugacugucacuAacgugacccg..... 1
 Gi3_28052694_x2.....acucacgugacccggguucg..... 0
 Gi2_10891297_x2.....Gccggguucgauucccgugacccgccc..... 1
 Gi5_8827763_x2.....Nuucgauucccgugacc..... 1
 Gi2_10841621_x2.....guucgaAuucccgugacccg..... 1
 Gi3_28045832_x2.....ggguucgauucccgugacccgccc..... 1
 Gi1_4152115_x2.....gcfggucauaguaUaguggcu..... 1
 Gi2_10965709_x2.....ggguucgauucccgAugacc..... 1
 Gi5_8829163_x2.....gacugucaUucacgugacccg..... 1
 Gl1a_5892518_x2.....guucgauuccGggugacc..... 1
 Gi3_28054744_x2.....auucccgugacccgcccC..... 1
 Gi2_10853515_x2.....cacucacgugacccgggCucga..... 1
 Gi1_4124927_x2.....guucgauucccgGgacccg..... 1
 Gi3_28018512_x2.....cacucacgugacccgggCu..... 1
 Gi3_28076564_x2.....ggguucgauucccgugaG..... 1

Gi2_10880577_x2.....	.cAgguucgauucccgugacc.....	1
Gi5_8819681_x2.....	.Agguucgauucccgugaccg.....	1
Gi2_10991417_x2.....	.ucacucacgugacccgggC.....	1
Gi4_561600_x2.....	.Uguucgauucccgugaccgc.....	1
Gi3_28000918_x2.....	.gCguucgauucccgugaccg.....	1
Gl1a_5891304_x2.....	.gCGgCcauaguacaguggcuagu.....	1
Gi3_28138784_x2.....	.cgauucccgugaccgCGguuG.....	1
Gi3_28161918_x2.....	.ugacugCcacucacgugacc.....	1
Gi2_10989793_x2.....	.cacucacgugaUccgggu.....	1
Gi1_4093979_x2.....	.gCGgAcauaguacaguggcua.....	1
Gi2_10903537_x2.....	.gAguucgauucccgugaccg.....	1
Gi1_4126203_x2.....	.ugacugucacucacgugaGccgg.....	1
Gi2_10905661_x2.....	.gugacugucacucacAugaccg.....	1
Gi2_10908267_x2.....	.gauucccgugaccgCGAc.....	1
Gi1_4129977_x2.....	.gCGgucauaguacaguggAua.....	1
Gi1_4137717_x2.....	.ucgauucccgugaccgcU.....	1
Gi3_28099218_x2.....	.ggguucgauucccgAugaccg.....	1
Gi2_10833829_x2.....	.ugacugucGcucacgugaccgg.....	1
Gi3_28241888_x2.....	.gugacugucCucacgug.....	1
Gi3_28223816_x2.....	.cacuUacgugacccggguucga.....	1
Gi3_28080934_x2.....	.gugacuguNacucacgugaccg.....	1
Gi1_4128295_x2.....	.gCGgucauaguacaguggcuaU.....	1
Gi2_10958121_x2.....	.cgugacugucacucacgugaUc.....	1
Gi1_4124055_x2.....	.gugCGgucauaguacaguggcuaguugcgu.....	0
Gi2_10891901_x2.....	.cacucacguAaccCGguuc.....	1
Gi1_4129761_x2.....	.cUaguacaguggcuagu.....	1
Gi5_8803735_x2.....	.ucgauucccgugCccgc.....	1
Gi3_28194586_x2.....	.ucgauucccgugaccgCGU.....	1
Gi2_10949745_x2.....	.guucgauuccAggugaccg.....	1
Gi2_10886719_x2.....	.cggguucgaCucccgugacc.....	1
Gi3_28180734_x2.....	.ugacugucacucacgugaAccg.....	1
Gi3_28145954_x2.....	.ggguucgauucccgugacUgcg.....	1
Gl1a_5972796_x2.....	.uucAauucccgugaccg.....	1
Gi3_28063148_x2.....	.cacucacgugaccAgggu.....	1
Gi2_10985401_x2.....	.cacucacgugacccggAuuc.....	1
Gi5_8787573_x2.....	.gCGgucauGguacaguggcu.....	1
Gi5_8819673_x2.....	.gCGgucauaguacaguggcuCguau.....	1
Gi1_4125915_x2.....	.guucgauucccgugacGg.....	1
Gi2_10918935_x2.....	.Ucggucauaguacaguggcua.....	1
Gi2_10938937_x2.....	.gcUgucauaguacaguggcuag.....	1
Gi2_10858065_x2.....	.gugacugucacucacgugaccC.....	1
Gi1_4136251_x2.....	.cauaguacaguggcuGgu.....	1
Gi5_8761473_x2.....	.uucgauCcccgugaccgCG.....	1
Gi3_28068970_x2.....	.uAgauucccgugaccgCG.....	1
Gi5_8802073_x2.....	.cgggGucgauucccgugac.....	1
Gi3_28117850_x2.....	.cacucacgugacccgggCucgauuc.....	1
Gi1_4156611_x2.....	.gacugucacucUcgugaccg.....	1

Gi2_10966169_x2.....	.....ggguucgauucccgugaccgc.....	1
Gl1a_5966728_x2.....	.....guucgauucUcggugacc.....	1
Gi5_8791579_x2.....	.....uucgaCucccgugaccgcg.....	1
Gi2_10951563_x2.....	.....gauucccgugaccgcgca.....	1
Gi1_4113157_x2.....	.....Ugguucgauucccgugacc.....	1
Gi5_8824269_x2.....	.....ggguucgauucccgugacAg.....	1
Gi3_28165954_x2.....	.....ugacGgucacucacgugaccg.....	1
Gi3_28056278_x2.....	.....cacuUacgugaccggguucgauucc.....	1
Gi2_10922087_x2.....	.....ugacugucacucacgCga.....	1
Gi2_10979395_x2.....	.....gcggucauaguaAaguggc.....	1
Gi4_566852_x2.....	.....gcggucauaguacagugg.....	0
Gi3_27995218_x2.....	.....ucgauucccgguUaccgcg.....	1
Gi3_28236000_x2.....	.....gggAucgauucccgugaccg.....	1
Gi2_10905575_x2.....	.....acGcacgugaccggguuc.....	1
Gi3_28257874_x2.....	.....gacugucaNucacgugacc.....	1
Gi3_28119632_x2.....	.....ggguucgauucccgguUaccgc.....	1
Gi2_10964401_x2.....	.....guuGgauucccgugaccg.....	1
Gi5_8729567_x2.....	.....cauaguGcaguggcuagu.....	1
Gi3_28146432_x2.....	.....gugacugucacucacgCgac.....	1
Gi5_8720453_x2.....	.....ggguucgauuccUgguga.....	1
Gi3_28067374_x2.....	.....gacCgucacucacgugacc.....	1
Gi2_10899565_x2.....	.....ggguucgauucccgugaccUc.....	1
Gi3_28090754_x2.....	.....ugacugAcacucacgugaccg.....	1
Gi2_10958979_x2.....	.....uucgauuUccggugaccgc.....	1
Gi5_8794559_x2.....	.....gucgauaguacaguggcCag.....	1
Gi5_8819517_x2.....	.....uucgauuAccggugaccgcg.....	1
Gi1_4111809_x2.....	.....ugaAugucacucacgugaccgg.....	1
Gi5_8775655_x2.....	.....guucgauucccgugaccgcgA.....	1
Gi3_28021422_x2.....	.....acucacgugCcccgggu.....	1
Gi3_28165008_x2.....	.....Acacucacgugaccggguucga.....	1
Gi5_8803525_x2.....	.....cgguucgauucccgugCcc.....	1
Gi2_10846617_x2.....	.....gCuucgauucccgugaccgcgcu.....	1
Gi2_10948679_x2.....	.....Uacucacgugaccggguucga.....	1
Gi1_4127327_x2.....	.....gcggCcauaguacaguggcuag.....	1
Gi3_28183646_x2.....	.....gacugucacucacgugaccGg.....	1
Gi1_4154561_x2.....	.....gugacugucacucCcgugaccgg.....	1
Gi3_28093092_x2.....	.....cugCcacucacgugaccgggu.....	1
Gi5_8810913_x2.....	.....guuGgauucccgugaccgc.....	1
Gi5_8738121_x2.....	.....ggguucgauuccUggugacc.....	1
Gi1_4116693_x2.....	.....guucUauucccgugaccg.....	1
Gi2_10943817_x2.....	.....gCguucgauucccgugaccgcg.....	1
Gi2_10959763_x2.....	.....cacucacguAaccgggu.....	1
Gi5_8812309_x2.....	.....ggguucgauucccgugacGgcg.....	1
Gi1_4105939_x2.....	.....gacugucacucacgugaccgc.....	1
Gi5_8729009_x2.....	.....gcggucauNguacaguggcu.....	1
Gi1_4118247_x2.....	.....ugacuguAacucacgugaccgg.....	1
Gi1_4146733_x2.....	.....gacGgucacucacgugaccgg.....	1

Gi5_8801635_x2	. . . . .gaccggguCcgauucc	1
Gi1_4157001_x2	. . . . .gacugucacucacgugaGccg	1
Gi3_28050782_x2	. . . . .gugacugucGcucacgugac	1
Gi3_28113148_x2	. . . . .cgauucccgugaccgAg	1
Gi4_554622_x2	. . . . .Uuucgauuccggugaccg	1
Gi5_8814345_x2	. . . . .gacugucacucacgugaccGgg	1
Gi4_564908_x2	. . . . .gcggucauaguacaguggcCagu	1
Gi1_4110673_x2	. . . . .cgauucccgugaccgcgguu	0
Gi5_8816195_x2	. . . . .gcggucauaguCcagugg	1
Gi3_28248124_x2	. . . . .uucgCuucccgugaccgcg	1
Gi3_28166238_x2	. . . . .uGacgugaccggguucga	1
Gi5_8752095_x2	. . . . .ggUuucgauuccggugaccg	1
Gi1_4140287_x2	. . . . .gacugucacucCcgugaccg	1
Gi3_28171110_x2	. . . . .ugacugucacucacgugacGcgg	1
Gi1_4141255_x2	. . . . .ugacugucacucacgAgaccg	1
Gi5_8821089_x2	. . . . .ucgauucccgugGccgc	1
Gi3_28161474_x2	. . . . .cacgGgaccggguucgauucc	1
Gi2_10858021_x2	. . . . .cgugaccggguucgGuuc	1
Gi3_28071442_x2	. . . . .ggguucgaCuccggugaccgc	1
Gi3_28142718_x2	. . . . .cgugaccggggCucgauucc	1
Gi1_4149097_x2	. . . . .gacugucacucaGgugaccgg	1
Gi3_28034414_x2	. . . . .gugacUcggguucgauucc	1
Gi1_4136067_x2	. . . . .ugacAgucacucacgugaccg	1
Gi3_28241906_x2	. . . . .Gucacgugaccggguucgauu	1
Gi3_28083574_x2	. . . . .ucgUuucccgugaccgc	1
Gi1a_5932526_x2	. . . . .guCcgauucccgugacc	1
Gi4_557664_x2	. . . . .aGucacgugaccggguucg	1
Gi2_10899621_x2	. . . . .auaguacaguggcCagua	1
Gi2_10915305_x2	. . . . .acucacgugaccggguucgauu	0
Gi3_28054802_x2	. . . . .gcggucauaguacaUuggc	1
Gi2_10960913_x2	. . . . .guuNgauucccgugaccgcg	1
Gi5_8812759_x2	. . . . .acugucacCcacgugaccggguuc	1
Gi2_10959425_x2	. . . . .cacucacAugaccgggu	1
Gi3_28060038_x2	. . . . .ugacugucacucacgugGccg	1
Gi5_8737483_x2	. . . . .gguucgaAuuccggugac	1
Gi3_28010086_x2	. . . . .ggguucgauucccgugaAcgc	1
Gi2_10870061_x2	. . . . .cacCcacgugaccggguucga	1
Gi2_10919491_x2	. . . . .cGcggguucgauucccgugaccgc	1
Gi2_10893817_x2	. . . . .cacucacgugaccAgguuc	1
Gi3_28063468_x2	. . . . .Ucggucauaguacaguggcu	1
Gi5_8827619_x2	. . . . .cacucacgugaccgggCuc	1
Gi3_28005464_x2	. . . . .ucgauuUccggugaccgc	1
Gi5_8725645_x2	. . . . .gCcauaguacaguggcuag	1
Gi1_4120005_x2	. . . . .cacucacgNgaccggguu	1
Gi3_28148084_x2	. . . . .gguucgauucGcggugac	1
Gi5_8781809_x2	. . . . .gcggucauaguaAaguggcua	1
Gi2_10845005_x2	. . . . .guucgUuucccgugaccgc	1

Gi2_10848465_x2.....	cauaguacaguggcuaguau.....	0
Gi2_10941001_x2.....	gcggucauaguacagugUc.....	1
Gi1_4148785_x2.....	uucgauucccgugaccgCcu.....	1
Gi3_28223994_x2.....	AucgauucccgugaccgCg.....	1
Gi3_28189058_x2.....	ucacgugaNccggguucgauuc.....	1
Gi1_4125399_x2.....	gucauaguGcaguggcuaguau.....	1
G1a_5979794_x2.....	gguucgCuucccgugacc.....	1
Gi5_8750195_x2.....	Uccggguucgauucccgugacc.....	1
Gi3_28007540_x2.....	ugacugucNcucacgugacc.....	1
Gi5_8786047_x2.....	ggguucgaCucccgugacc.....	1
Gi1_4096397_x2.....	Uguucgauucccgugac.....	1
Gi1_4147799_x2.....	uucgauucccgugaccgU.....	1
Gi3_28110338_x2.....	gcggucauaAuacaguggc.....	1
Gi2_10850629_x2.....	cacucacgCgaccggguuc.....	1
Gi3_28227246_x2.....	gugacugCcacucacgug.....	1
Gi2_10972985_x2.....	gguucgaAuucccgugaccgC.....	1
Gi1_4141599_x2.....	gcggGcauaguacaguggc.....	1
Gi5_8741391_x2.....	gcggucauaguaUagugg.....	1
Gi3_28157672_x2.....	gacugucacucacgugacGcgg.....	1
Gi5_8751005_x2.....	acugucGcucacgugaccggguuc.....	1
Gi1_4148657_x2.....	gugGcugucacucacgugaccgg.....	1
G1a_5896244_x2.....	uucgauucccgugGccg.....	1
Gi3_28002204_x2.....	gugaccggguUgauucc.....	1
Gi3_28139524_x2.....	Cgacugucacucacgugacc.....	1
Gi5_8768795_x2.....	gguucgauucccgGgaccg.....	1
Gi3_28173580_x2.....	acucacgugaccAgguu.....	1
G1a_5974506_x2.....	gcggCcauaguacaguggcua.....	1
Gi1_4138493_x2.....	gaUugucacucacgugacc.....	1
Gi1_4145307_x2.....	gcUgucauaguacaguggc.....	1
Gi5_8826485_x2.....	uucUauucccgugaccgCg.....	1
Gi2_10931693_x2.....	guucgauuccAggugaccgC.....	1
Gi3_28112026_x2.....	aUucacgugaccgggu.....	1
Gi3_28018878_x2.....	acugucacCcacgugaccgggu.....	1
Gi3_28072190_x2.....	gNucgauucccgugaccgCg.....	1
Gi2_10903229_x2.....	gugaccggguucgauucccgugaccgCg.....	1
Gi1_4099409_x2.....	ucacuAacgugaccggguuc.....	1
Gi2_10898137_x2.....	gguucgauucccgAgaccg.....	1
Gi2_10871935_x2.....	cgGgaccggguucgauuc.....	1
Gi3_28210522_x2.....	gacugucacucacgugUc.....	1
Gi5_8760407_x2.....	ugacuUucacucacgugaccgCg.....	1
G1a_5922426_x2.....	guucgauucccgAugacc.....	1
Gi5_8802529_x2.....	gcggUauaguacaguggcuagua.....	1
Gi3_28136012_x2.....	cacucacgugaccAgguuc.....	1
Gi5_8816087_x2.....	guNcgauucccgugacc.....	1
Gi5_8739421_x2.....	cAauucccgugaccgCg.....	1
Gi3_28226818_x2.....	acAugaccggguucgauucc.....	1
Gi1_4129129_x2.....	ugacugucacucacgugaccUg.....	1

Gi2_10925223_x2.....	ugucacCcacgugacccggguucgauucc.....	1
Gi3_28224662_x2.....	Ggugacugucacucacgugacccggguu.....	1
Gi5_8719943_x2.....	gucaCaguacaguggcuagu.....	1
Gi2_10860081_x2.....	aUucacgugacccggguuc.....	1
Gi5_8789895_x2.....	guucgauucccgugaccgcggc.....	0
Gi5_8766027_x2.....	gacugucacucacgugaUccg.....	1
Gi3_28002790_x2.....	gguucgauucGcggugaccgcg.....	1
G1a_5937922_x2.....	guucgCuucccgugaccg.....	1
Gi3_28229620_x2.....	cgugacccggguucgauucAc.....	1
Gi4_557214_x2.....	guucgauucccgugaccgcggcA.....	1
Gi3_27990658_x2.....	uucgauucAcggugaccgcg.....	1
Gi2_10858977_x2.....	guucgauucGcggugaccgc.....	1
G1a_5948780_x2.....	gguCcgauucccgugac.....	1
Gi3_28173398_x2.....	cacucUcgugaccgggu.....	1
Gi3_27996484_x2.....	ucgauucccgAgaccgc.....	1
Gi3_27988530_x2.....	gCguucgauucccgugacc.....	1
Gi5_8817301_x2.....	Cuaguacaguggcuagua.....	1
Gi5_8741947_x2.....	Cgacugucacucacgugacccg.....	1
Gi3_28124332_x2.....	gugacugucacuUacgugaccg.....	1
Gi3_28150740_x2.....	uucgauucccgguAaccgcg.....	1
Gi3_28106234_x2.....	ucacgugacccggguCcgA.....	1
Gi3_28149948_x2.....	aGugucacucacgugacccgggu.....	1
Gi5_8786697_x2.....	gcggucaguauacCguggcu.....	1
Gi2_10947461_x2.....	ugacugCcacucacgugacccgg.....	1
Gi5_8726661_x2.....	acgugacccggguucgCuucccgugacc.....	1
Gi2_10863295_x2.....	guuNgauucccgugaccg.....	1
Gi1_4107833_x2.....	ucaguauacaguggcuagCa.....	1
G1a_5911296_x2.....	gguucgCuucccgugaccgc.....	1
Gi3_28178724_x2.....	ucgauAcccgugaccgcg.....	1
G1a_5905296_x2.....	gcggucauNguacaguggcuaguau.....	1
Gi3_28259658_x2.....	gcggucaguauacUgugg.....	1
Gi5_8809605_x2.....	Ccacgugacccggguucgauucc.....	1
Gi3_28087962_x2.....	uucgauAcccgugaccgc.....	1
Gi3_28127068_x2.....	acugucacucacgCgaccg.....	1
Gi5_8820765_x2.....	uucgauucccgugaccgUg.....	1
Gi3_28232896_x2.....	ggguucgauucccgguAacc.....	1
Gi5_8775345_x2.....	gcggucauUguacaguggcua.....	1
G1a_5963206_x2.....	acugAcacucacgugacccgg.....	1
G1a_5929736_x2.....	gguucgauuAccggugacc.....	1
Gi2_10848295_x2.....	cacucCcgugacccggguucgauucc.....	1
Gi3_27988338_x2.....	acgugacccggguucgauuccA.....	1
Gi3_28143880_x2.....	gguucgauucccgugaGcg.....	1
Gi4_564740_x2.....	gacugucacucacgugacAccg.....	1
Gi2_10934065_x2.....	ucgauucccgGgaccgc.....	1
Gi2_10945595_x2.....	gauucccgugaccgcgA.....	1
Gi5_8808603_x2.....	gguucgauuAccggugaccgc.....	1
G1a_5936236_x2.....	gacugucacucacgugacccggg.....	0

Gi1_4131039_x2	gcgguc <u>au</u> aguacCguggc	1
Gi1_4140059_x2	cauaguacagugUcuagu	1
Gi3_28131078_x2	ggguucgauu <u>ccc</u> ggGgaccgc	1
Gi3_28257356_x2	cacucacgug <u>acc</u> ggAuucga	1
Gi1_4115275_x2	gcggucCuaguacaguggc	1
Gi5_8734801_x2	guU <u>acc</u> cgguucgauucc	1
Gi1a_5915452_x2	guucgauu <u>ccc</u> ggugaAc	1
Gi3_28033302_x2	gcgguc <u>au</u> aguacaguggcGagua	1
Gi1a_5962516_x2	gcgguc <u>au</u> aguacUguggcuagu	1
Gi3_28018300_x2	ggguucgauu <u>ccc</u> ggugacU	1
Gi5_8728193_x2	gguucga <u>Au</u> cccggugaccgc	1
Gi5_8724431_x2	gcggucaCaguacagugg	1
Gi2_10923677_x2	cgug <u>acc</u> cgguucgauu <u>ccc</u> ggugaccg	0
Gi2_10946723_x2	cacucacgug <u>acc</u> gAguuc	1
Gi2_10906237_x2	cgauC <u>ccc</u> ggugaccgcg	1
Gi5_8768685_x2	cGuaguacaguggcuaguau	1
Gi3_28168082_x2	gguucgauu <u>ccc</u> gCugaccgcg	1
Gi3_28082424_x2	guucgauu <u>ccc</u> ggugaccgcgcuu	0
Gi3_28178080_x2	acgug <u>acc</u> cgguucgaCuccc	1
Gi3_28256370_x2	ugacuguA <u>acu</u> cacgugacc	1
Gi5_8755219_x2	ggguucgauu <u>U</u> ccggugacc	1
Gi3_28052188_x2	gguucgauu <u>ccc</u> ggugaGcgcg	1
Gi5_8723117_x2	cAguc <u>acu</u> cacgugaccgcg	1
Gi1_4097629_x2	gGgacuguc <u>acu</u> cacgugaccgcg	1
Gi5_8786379_x2	gacU <u>cg</u> gguucgauucc	1
Gi2_10897081_x2	cacucacgug <u>acc</u> cgguucgC	1
Gi3_28220380_x2	cacucacgugC <u>ccc</u> ggguuc	1
Gi5_8791481_x2	gguucgauu <u>ccc</u> ggugaccgcC	1
Gi2_10850121_x2	gcgguc <u>au</u> Uguacaguggc	1
Gi3_28036626_x2	cacuU <u>ac</u> gugacccgguucgauuc	1
Gi3_28143236_x2	guuU <u>gau</u> u <u>ccc</u> ggugaccgcgguuu	1
Gi3_28259844_x2	gcgguc <u>au</u> aguaGagugg	1
Gi5_8722079_x2	gguucgauu <u>ccc</u> gguaAaccg	1
Gi3_28176968_x2	gcgguc <u>au</u> aguacaguggc	1
Gi1a_5918150_x2	gguuU <u>gau</u> u <u>ccc</u> ggugaccgc	1
Gi1_4092935_x2	gacuguc <u>acu</u> cacgugGcc	1
Gi1_4104543_x2	ugacuguc <u>acu</u> cacguCaccgcg	1
Gi3_28127400_x2	uucgauu <u>ccc</u> ggugacAgcg	1
Gi5_8736621_x2	ucgauu <u>ccc</u> ggugaccgU	1
Gi2_10975841_x2	cccggguucgauu <u>ccc</u> ggCgaccgc	1
Gi3_28103656_x2	cacucacgug <u>acc</u> cgguucgauC	1
Gi5_8736707_x2	guucgauu <u>ccc</u> gguaCaccg	1
Gi2_10961189_x2	cgauu <u>ccc</u> ggugGccgcgguu	1
Gi3_28039118_x2	gggC <u>uc</u> gauu <u>ccc</u> ggugac	1
Gi3_28132288_x2	ugacuguc <u>acu</u> cacgAgaccgc	1
Gi3_28010890_x2	auaguacaguggcuagua	0
Gi5_8770697_x2	cacucacgN <u>g</u> acccgguuc	1

Gi1a_5909582_x2.....	.....gguucgauucccgGgaccgc.....	1
Gi2_10872073_x2.....	.....gcggucauagAacaguggc.....	1
Gi5_8760869_x2.....	.....cGcucacgugaccggguuc.....	1
Gi1_4157973_x2.....	.....gguucgauucccgugaccgcUc.....	1
Gi1a_5963284_x2.....	.....ugucacucacAugaccggguuc.....	1
Gi1_4114237_x2.....	.....acugucacucacUugaccgg.....	1
Gi5_8743791_x2.....	.....ugacugucacuAacgugaccgg.....	1
Gi2_10887767_x2.....	.....ggguucgauucccgGgaccgc.....	1
Gi2_10940341_x2.....	.....Ucucacgugaccggguuc.....	1
Gi5_8739761_x2.....	.....guucgauucccgguUaccgc.....	1
Gi1_4108463_x2.....	.....Aguucgauucccgugacc.....	1
Gi2_10872529_x2.....	.....ggguucgauucccgugaAc.....	1
Gi1_4120039_x2.....	.....gcggucauCuacagugg.....	1
Gi1_4133653_x2.....	.....gcggucauNguacaguggcuaguau.....	1
Gi2_10883121_x2.....	.....Aacucacgugaccgggu.....	1
Gi2_10830805_x2.....	.....gugaccAgguucgauucc.....	1
Gi3_28123470_x2.....	.....gacugucacGcacgugaccgg.....	1
Gi3_28111528_x2.....	.....acUcggguucgauucccgugacc.....	1
Gi3_28226224_x2.....	.....gguCcgauucccgugaccg.....	1
Gi1_4143329_x2.....	.....cccggguucGcucaccggugac.....	1
Gi3_28204438_x2.....	.....gacugucacucacgugacUcgg.....	1
Gi2_10875401_x2.....	.....Ccauaguacaguggcuagua.....	1
Gi1_4151265_x2.....	.....gguucgauucccgugaccUcg.....	1
Gi2_10831201_x2.....	.....acgugaccggGcugauucc.....	1
Gi5_8719091_x2.....	.....cgauuccNgugaccgcg.....	1
Gi2_10925049_x2.....	.....ggguucgauucccgGgaccg.....	1
Gi2_10845613_x2.....	.....gcggucauagCacaguggcuagu.....	1
Gi1_4120157_x2.....	.....uUucacucacgugaccggguuc.....	1
Gi1a_5887090_x2.....	.....acgugaccggguucgauuccA.....	1
Gi5_8724989_x2.....	.....gguucgauucccgugacUg.....	1
Gi1a_5978606_x2.....	.....acugucacucacgugaccUg.....	1
Gi3_28019376_x2.....	.....Ucggucauaguacaguggcuagu.....	1
Gi3_28041166_x2.....	.....cauaguacaguggcuagG.....	1
Gi5_8760191_x2.....	.....gcggucauaguaGagugg.....	1
Gi1_4141693_x2.....	.....gCucgauucccgugaccgc.....	1
Gi1a_5957026_x2.....	.....ggUGcgauucccgugac.....	1
Gi3_28144404_x2.....	.....cacucacgugaccggguucU.....	1
Gi1_4139271_x2.....	.....ugacugucacucacgAgaccgg.....	1
Gi3_28226952_x2.....	.....ucacucacgugaccAgguuc.....	1
Gi1_4094193_x2.....	.....uucgauucccgugacUgc.....	1
Gi3_28025320_x2.....	.....ggguucgauucccgGgacc.....	1
Gi5_8733927_x2.....	.....ggguucgauucccgGgacc.....	1
Gi3_27985750_x2.....	.....ucacucacgugGcccggguucga.....	1
Gi5_8745751_x2.....	.....ugacugucacucacgAgaccgg.....	1
Gi1a_5882816_x2.....	.....gCucgauucccgugaccg.....	1
Gi3_28222394_x2.....	.....ugacugucacucaUgugaccg.....	1
Gi2_10959725_x2.....	.....gcggucauaguacaCuggc.....	1

Gi3_28046130_x2	. . . . . gacugucacucacguCacccgg	1
Gi2_10845573_x2	. . . . . guucCauucccgugacc	1
G1a_5876704_x2	. . . . . gguucgauucccgAugacc	1
Gi3_28001022_x2	. . . . . gGcugucacucacgugacccggg	1
Gi1_4152755_x2	. . . . . acugucacucacgugacUcgg	1
Gi3_28093018_x2	. . . . . Ccacucacgugacccggguucga	1
Gi3_28167000_x2	. . . . . cucacgugCcccggguucgauucc	1
G1a_5959782_x2	. . . . . guucgauucccgugagGcg	1
Gi3_28175350_x2	. . . . . Nuucgauucccgugacc	1
G1a_5931740_x2	. . . . . ucacgugacccggguucgGuuc	1
Gi1_4106513_x2	. . . . . gcgNucauaguacaguggcua	1
Gi2_10956253_x2	. . . . . guucgauucccCgugaccgcg	1
Gi1_4129637_x2	. . . . . acCgucacucacgugacccggguuc	1
Gi1_4122317_x2	. . . . . gUuucgauucccgugac	1
Gi3_28139258_x2	. . . . . ucgauucccgugagAcgcg	1
Gi2_10842705_x2	. . . . . gcgguUauaguacagugg	1
Gi5_8783221_x2	. . . . . gcggucauaguCcaguggcuagua	1
G1a_5908426_x2	. . . . . gguucgauucccgguAacc	1
G1a_5906690_x2	. . . . . gguucgauucccgugaccgcC	1
Gi3_28258460_x2	. . . . . aUucacgugacccggguucgauu	1
Gi4_564448_x2	. . . . . gguucgauucccgugaccgcgUc	1
Gi5_8724083_x2	. . . . . ugacugGcacucacgugacccgg	1
Gi1_4095221_x2	. . . . . gacugucacucacgAgacccgg	1
Gi2_10953795_x2	. . . . . ugacugucacucacgCgacccgg	1
Gi2_10836085_x2	. . . . . Gcgguucgauucccgugaccg	1
Gi3_28082612_x2	. . . . . cacucacgCgacccggguucga	1
Gi1_4097633_x2	. . . . . gcggucauagGacaguggc	1
Gi5_8729695_x2	. . . . . acugucacCcacgugacccgggu	1
Gi1_4093739_x2	. . . . . ucUauucccgugaccgc	1
Gi5_8746117_x2	. . . . . gcggucaCaguacaguggc	1
Gi5_8788177_x2	. . . . . gggGucgauucccgugaccg	1
Gi2_10889081_x2	. . . . . cacAcacgugacccggguuc	1
Gi3_28012892_x2	. . . . . gacugucGcucacgugacccggguuc	1
Gi4_558750_x2	. . . . . cucGcgugacccggguucgauuc	1
Gi5_8782559_x2	. . . . . gcggucauaguacaguCgcuagu	1
Gi1_4109483_x2	. . . . . acugucaUucacgugacccgg	1
Gi3_28092206_x2	. . . . . gacugucacucacUugacccgg	1
Gi3_28177340_x2	. . . . . cacucacgCgacccggguucgauuc	1
Gi4_554402_x2	. . . . . gacCgucacucacgugacccgg	1
Gi2_10914571_x2	. . . . . gguucgauucccgguAacc	1
Gi5_8764037_x2	. . . . . uucgauUccggugaccgcg	1
Gi2_10912391_x2	. . . . . gguNcgauucccgugaccgcg	1
Gi2_10872535_x2	. . . . . gguucgauucccgGgaccg	1
Gi3_28141266_x2	. . . . . gguucgaGuucccgugaccg	1
Gi3_28018816_x2	. . . . . ugacugucacucacgugaUcc	1
Gi2_10929735_x2	. . . . . gguucgauucccgugagAcgcg	1
Gi3_28020420_x2	. . . . . gacugucacucUcgugacc	1

Gi3_28209708_x2.....ucgauuccAggugaccgcg..... 1
 Gi3_28182588_x2.....uAcgauucccgugaccgcg..... 1
 Gi5_8795145_x2.....auaguacCguggcuagua..... 1
 Gi5_8736845_x2.....ugacugucaUucacgugaccgG..... 1
 Gi2_10953665_x2.....ucgauuccNggugaccgcg..... 1
 Gi5_8753863_x2.....gcggucgauaguacaguggcuaguaugcgG..... 1
 Gi5_8740805_x2.....gcggucUuaguacaguggcua..... 1
 G1a_5976164_x2.....guGcgauucccgugaccg..... 1
 Gi3_28221944_x2.....gguucgauucccgCugaccg..... 1
 Gi2_10839725_x2.....cUggguucgauucccgugaccg..... 1
 Gi5_8740247_x2.....guucgauucccgugaGcg..... 1
 Gi1_4120733_x2.....Auucgauucccgugaccg..... 1
 Gi1_4092927_x2.....gacugucacucacgugaccCG..... 1
 Gi2_10947991_x2.....ggguucgGuucccgugaccgcg..... 1
 Gi1_4096895_x2.....ugacugucacuUacgugaccg..... 1
 Gi1_4117701_x2.....cgauucccgugaccgCGcu..... 1
 Gi3_28237950_x2.....cCugaccggguucgauucc..... 1
 Gi1_4128519_x2.....acugucacucacgugaccCGA..... 1
 Gi3_28100100_x2.....cgCgaccggguucgauucc..... 1
 Gi3_28143674_x2.....cacucacgugaccggguUga..... 1
 Gi2_10840567_x2.....ugacugCcacucacguga..... 1
 Gi2_10969861_x2.....ucgauucccgugUccgc..... 1
 Gi3_28049272_x2.....gcggucgauaguacaguAgcu..... 1
 G1a_5908808_x2.....ggAucgauucccgugaccgC..... 1
 G1a_5974804_x2.....gguucgauucccgAugaccg..... 1
 Gi3_28158514_x2.....cgugaccNggauucccg..... 1
 Gi3_28073650_x2.....cgugacugNcacucacgugacc..... 1
 Gi3_27991386_x2.....cacgugaccggguCcgauucc..... 1
 Gi3_28222344_x2.....cgauucccgugaccgCGA..... 1
 Gi4_558954_x2.....gcUgucauaguacaguggcuagua..... 1
 Gi2_10847813_x2.....Ucggucgauaguacaguggcuagua..... 1
 Gi3_28129588_x2.....acgugaccggguucgaCucc..... 1
 Gi1_4126461_x2.....gcggucgauaguacGguggcuagua..... 1
 G1a_5948532_x2.....gguucgauucccgugaUcg..... 1
 Gi2_10851405_x2.....Ccacgugaccggguucgauucc..... 1
 Gi2_10870865_x2.....gguucgauucccgugaccgCGC..... 1
 Gi1_4121297_x2.....gugaccggguucCauucc..... 1
 Gi3_28253326_x2.....ggNucgauucccgugaccgCG..... 1
 Gi1_4146315_x2.....gcggucgauaguacGguggcuagua..... 1
 Gi3_28022748_x2.....gacugucacucacguAacc..... 1
 Gi3_28134376_x2.....augcgugacugucacucacgugGcc..... 1
 Gi5_8818319_x2.....gcggucgauaguaUaguggcua..... 1
 Gi2_10862363_x2.....gcggucgauaguacaguggcAagu..... 1
 Gi2_10947121_x2.....cacucacgugCcccgggu..... 1
 Gi3_28116928_x2.....gguucgauucccgugaccgGg..... 1
 Gi5_8758653_x2.....Gcgugaccggguucgauucc..... 1
 G1a_5968030_x2.....uGacgugaccggguucgauucc..... 1

Gi2_10889419_x2.....	ucacucacgugGccccggu.....	1
Gi3_27983258_x2.....	guNcgauucccgugaccgc.....	1
Gi3_28244286_x2.....	.gacNgcacucacgugaccgc.....	1
Gi5_8779171_x2.....	.gacAgucacucacgugaccgc.....	1
Gi2_10977569_x2.....	.....uucgauucccgGgaccgc.....	1
Gi5_8764443_x2.....	.....gguuGgauucccgugac.....	1
Gi3_28048028_x2.....	.....ucgNuucccgugaccgc.....	1
Gi5_8768969_x2.....	.....uuUgauucccgugaccgc.....	1
Gi1_4116365_x2.....	Cucauaguacaguggcuagu.....	1
Gi5_8726039_x2.....	.....cacuGacgugacccgguuc.....	1
Gi1_4116513_x2.....	.gacuguGacucacgugaccgc.....	1
Gi2_10980289_x2.....	.....ucacgugacccgGauucg.....	1
Gi3_28036456_x2.....	.....auucccgugaccgcggcCu.....	1
G1a_5923754_x2.....	.....ggGucgauucccgugac.....	1
Gi3_28080090_x2.....	.....cacucacgugUcccggguuc.....	1
Gi3_28190322_x2.....	.....acgugaccAgguucg.....	1
Gi5_8793609_x2.....	.gcggucaAaguacaguggcuagua.....	1
Gi2_10842919_x2.....	.....aGucacgugacccgguucga.....	1
Gi5_8797039_x2.....	.gcggucauaguacaguggU.....	1
Gi2_10914045_x2.....	.....guucgauuGccggugaccgc.....	1
Gi3_28167254_x2.....	.....ucacgugacccgguucgaCuc.....	1
Gi3_28094710_x2.....	.....guucgauucccgugaccgcU.....	1
Gi2_10876477_x2.....	.....gguGcgauucccgugac.....	1
Gi5_8729877_x2.....	.....acugucacNcacgugacccggu.....	1
Gi3_27980352_x2.....	.....Ucggucauaguacaguggcua.....	1
Gi1_4143225_x2.....	.....Aguucgauucccgugaccgc.....	1
Gi3_27993784_x2.....	.....gguucgauucccgugaUcg.....	1
Gi3_28065546_x2.....	.....ugacugucaUucacgugaccgc.....	1
G1a_5945854_x2.....	.....guucgauucccgAgaccgc.....	1
Gi1_4126903_x2.....	.gcggucaAaguacagugg.....	1
G1a_5971548_x2.....	.....guuUgauucccgugacc.....	1
Gi3_28001760_x2.....	.....Cgguucgauucccgugac.....	1
G1a_5876616_x2.....	.....guucUauucccgugaccgc.....	1
Gi3_28088508_x2.....	.....gCgacccgguucg.....	1
Gi3_28110602_x2.....	.....ggguucgauucccgGgaccgc.....	1
Gi3_28171564_x2.....	.....cacuGacgugacccgguucga.....	1
Gi1_4124661_x2.....	.gcggucauaguaAaguggcua.....	1
Gi5_8768025_x2.....	.....cauaguacagugUcuaguau.....	1
Gi5_8764549_x2.....	.....gguucgauucccgugaccgcU.....	1
Gi2_10884335_x2.....	.....Aguucgauucccgugaccgcggcu.....	1
Gi3_28215968_x2.....	.....ggguucgaCucccgugacc.....	1
Gi3_28119184_x2.....	.....acucacgugacccgguuc.....	0
Gi3_28061804_x2.....	.....ucgauucccgugCccgc.....	1
Gi3_28022140_x2.....	.gacugucacucacgugaccgc.....	1
G1a_5949232_x2.....	.....gguucgauucccgugaccgc.....	0
Gi2_10927777_x2.....	.....guucgauucccgguUaccgc.....	1
Gi3_28107172_x2.....	.....ucgauucccgAugaccgc.....	1

Gi3_28241884_x2	.cGcucacgugacccggguucgauucc	1
Gi4_556298_x2	.cucacgugCcccggguucgauuc	1
Gi2_10950653_x2	.gguucUauucccgugacc	1
Gi3_28000646_x2	.cacucacgugaccUggguuc	1
Gi5_8813867_x2	.ucgauuccNggugaccg	1
Gi1_4127673_x2	.guucgauucccgGaccgc	1
Gi1_4100403_x2	.gcggucauaguacaAuggcuag	1
Gi4_558482_x2	.gcggucauaguacaAuggcuag	1
Gi3_28032050_x2	.aGccggguucgauucccgugacc	1
Gi5_8785015_x2	.auuccggugaccgCgCc	1
Gi2_10869317_x2	.gAggucaguacaguggc	1
Gi1_4090873_x2	.ugacugucacucacgugaccCg	1
Gi3_28246336_x2	.ucacgugaccgAguucgauuc	1
Gi1_4108639_x2	.gacugucUcucacgugaccg	1
Gi1_4099955_x2	.gcggucauaguacagAggcuag	1
Gi5_8761163_x2	.gcggucauaguacaAuggc	1
Gi1_4124127_x2	.gacuguAacucacgugaccg	1
Gi3_28253252_x2	.acugucacucacgugacAcg	1
Gi2_10892965_x2	.Agacugucacucacgugaccg	1
Gi2_10888061_x2	.acugucacucacgugaccgggu	0
Gi1_4106055_x2	.gcAgucauaguacaguggcuagua	1
Gi3_28143532_x2	.uucgauuccAgugaccg	1
Gi2_10929805_x2	.ucacgugaccggguucGGuucc	1
Gi1_4123235_x2	.gUggucaguacaguggc	1
Gi5_8728103_x2	.cgugaccggguucgauucUcgg	1
Gi5_8719505_x2	.cGcucacgugacccggguucgau	1
G1a_5962188_x2	.acugucacucacgugCcccg	1
G1a_5973492_x2	.gguucgauuccUgugaccg	1
Gi5_8802093_x2	.cgguucgauucUcggugac	1
G1a_5948542_x2	.gGcauaguacaguggcuagu	1
Gi3_28179478_x2	.caUucacgugacccggguucgauucc	1
Gi5_8819317_x2	.guucgauuGccggugaccg	1
Gi5_8762937_x2	.gaAugucacucacgugaccg	1
Gi3_28058886_x2	.acugucUcucacgugaccg	1
Gi3_28065610_x2	.acugucacCcacgugaccg	1
G1a_5915148_x2	.gcgAucauaguacaguggcua	1
G1a_5936486_x2	.guucgauuNccggugacc	1
G1a_5921794_x2	.guucgGuucccgugaccg	1
Gi2_10896497_x2	.Agguucgauucccgugaccg	1
Gi2_10949393_x2	.cacucacgugacUcggguuc	1
G1a_5933734_x2	.gucaguacaguUgcuag	1
Gi2_10932263_x2	.ucgauuAccggugaccg	1
Gi3_28166288_x2	.cacucacgugaUccgggu	1
Gi2_10912387_x2	.gcggucauagGacaguggc	1
Gi5_8736629_x2	.Cgguucgauucccgugaccg	1
Gi3_28252910_x2	.cacucacguAaccggguucga	1
Gi1_4139095_x2	.ugacugucGcucacgugaccg	1

Gi5_8795933_x2	gcggucauGguacaguggcuag	1
Gi3_28063878_x2	acucacgugacccggguucgauuAcc	1
Gi2_10972063_x2	ccgggCucgauucccgugaccg	1
Gi1_4131783_x2	gcggucauNguacaguggc	1
Gi1a_5915168_x2	gCucgauucccgugaccg	1
Gi3_28085496_x2	uAgauucccgugaccg	1
Gi3_28201402_x2	gugacccggguucgauuUc	1
Gi1a_5953516_x2	guCcgauucccgugaccg	1
Gi3_28011388_x2	cgaGucccgugaccg	1
Gi5_8734495_x2	gguucCauucccgugacc	1
Gi3_28007988_x2	uucgauucccgugaUcgcg	1
Gi2_10865479_x2	gguucgauGcccggugacc	1
Gi5_8826513_x2	gcggucauagGacaguggcuagu	1
Gi3_28034336_x2	ucacucacgugacccgggCuc	1
Gi3_28173626_x2	Augacccggguucgauucc	1
Gi5_8777605_x2	ggguucgauucccgugaccgCc	1
Gi5_8736769_x2	gguucgauucccgguUaccgc	1
Gi1a_5906938_x2	gcggucauaguaGaguggcuagu	1
Gi3_27986998_x2	cgugaccAgguucgauucc	1
Gi5_8776441_x2	gguucgauucccgGgac	1
Gi3_28027050_x2	uUacgugacccggguucgauuc	1
Gi3_28155890_x2	aGgcgugacugucacucacgugacc	1
Gi2_10880391_x2	Nuucgauucccgugacc	1
Gi5_8745161_x2	cugucGcucacgugaccg	1
Gi3_28027436_x2	ugacugucacucacgugaGccg	1
Gi3_28085678_x2	guucgauucGcgugaccg	1
Gi2_10898429_x2	gcggucauGguacaguggc	1
Gi5_8739585_x2	guUauaguacaguggcuagu	1
Gi5_8769043_x2	gcggucUuaguacaguggc	1
Gi3_28099532_x2	accggguucgauucccgCgacc	1
Gi2_10889827_x2	cacucacgugCcccggguucga	1
Gi5_8765701_x2	gguucgauucccgugaccg	0
Gi5_8807509_x2	acgugacccggguucgauCccc	1
Gi3_28120290_x2	Aacucacgugacccggguucga	1
Gi5_8767817_x2	gucauaAuacaguggcuag	1
Gi3_28025758_x2	guUacucacgugacccggguucg	1
Gi1_4129841_x2	gcggucauagCacaguggcuag	1
Gi3_28199486_x2	gacugucacucacgugaccU	1
Gi1_4156933_x2	gcgAucauaguacaguggcua	1
Gi1_4150497_x2	Gucgauucccgugaccg	1
Gi3_28182078_x2	cacgugacccggguucGcuucc	1
Gi5_8720615_x2	Cucauaguacaguggcuagu	1
Gi1_4132049_x2	gcAgucauaguacagugg	1
Gi2_10975835_x2	gguucgauucccgugaccgcU	1
Gi5_8813729_x2	gguucgauucccgGgaccg	1
Gi3_28030036_x2	gacugAcacucacgugacc	1
Gi4_554692_x2	gguucgauucUcggugacc	1

Gi3_28085596_x2.....	acgugacccggguucgauucAc.....	1
Gi3_28071172_x2.....	ggguucgAuAcccgugacc.....	1
Gi5_8792733_x2.....	gcggucAuaguacaguggcuagCa.....	1
Gi3_28256468_x2.....	ucgauucccgugaccgAg.....	1
Gi5_8765897_x2.....	gguucgUuucccgugac.....	1
Gi3_28046846_x2.....	UcggucAuaguacaguggcuag.....	1
Gi1_4130777_x2.....	gcggucAuaguacaAugg.....	1
Gi5_8761127_x2.....	gcggucAuaguacagGggcua.....	1
Gi5_8829223_x2.....	gcggucAuaguacaAuggcuag.....	1
Gi3_28229310_x2.....	gcgAucauaguacaguggc.....	1
Gi3_28194482_x2.....	Cacugucacucacgugacc.....	1
G1a_5910774_x2.....	ucacgugacccggguucgauucccgugacc.....	0
G1a_5939078_x2.....	guucgCuucccgugacc.....	1
Gi3_28099018_x2.....	ugacuAucacucacgugaccg.....	1
G1a_5920284_x2.....	gcggucGuaguacaguggcuagu.....	1
Gi1_4137277_x2.....	gcggucAuaguacaguggcuagG.....	1
Gi1_4156471_x2.....	cGuaguacaguggcuagu.....	1
Gi1_4100167_x2.....	gUucauaguacaguggcua.....	1
Gi2_10895315_x2.....	Ccgauucccgugaccgcg.....	1
Gi4_564078_x2.....	gcggucAuNguacaguggcuagua.....	1
Gi2_10900429_x2.....	gauucccgugaccgUc.....	1
Gi2_10848957_x2.....	gAguucgAuucccgugaccg.....	1
Gi4_556704_x2.....	gGggucAuaguacaguggc.....	1
Gi3_28139430_x2.....	acugucacucacgugaccCg.....	1
Gi5_8798387_x2.....	gguucgAuucGcggugac.....	1
Gi3_27999246_x2.....	CugaccggguucgAuucc.....	1
Gi2_10852871_x2.....	gguucgAuucccgugaGcgcg.....	1
Gi5_8746065_x2.....	gguucgAuuccUgugaccgcg.....	1
Gi5_8752149_x2.....	ccUggguucgAuucccgugacc.....	1
Gi1_4155769_x2.....	Uugacugucacucacgugaccg.....	1
Gi2_10863781_x2.....	gguucgAuucccgguCaccgcg.....	1
Gi3_28086186_x2.....	ggguucgAuucccgAgaccgcg.....	1
Gi1_4144949_x2.....	guucgaCuucccgugaccg.....	1
Gi3_27990718_x2.....	ucgauucAcggugaccgc.....	1
Gi3_28031060_x2.....	cacucacgugaccggUuuc.....	1
Gi3_28071110_x2.....	gguuGgauucccgugaccgcg.....	1
Gi1_4138197_x2.....	gcggucAuaguacagugAc.....	1
Gi2_10924705_x2.....	cgauucccgugGccgcg.....	1
Gi2_10839255_x2.....	gacuUucacucacgugacc.....	1
Gi3_28193874_x2.....	ugacugucacucGcgugacc.....	1
Gi2_10920427_x2.....	ucgauucccgugGccgc.....	1
Gi1_4155917_x2.....	cauaguacaguggcCagu.....	1
Gi5_8780081_x2.....	cgugaUccggguucgAuucccggu.....	1
Gi5_8769241_x2.....	gaccggguucgAuCccc.....	1
Gi3_28020828_x2.....	acucUcgugaccgggu.....	1
Gi3_28123378_x2.....	ucgauucccgugaccgU.....	1
Gi5_8749281_x2.....	gguucgAuAcccgugaccgcg.....	1

Gi5_8754621_x2	.....guucgauGccccggugacc.....	1
Gi3_28148034_x2	.....guucgauuuccUgugaccgcg.....	1
Gi1_4134517_x2	.....aGaguacaguggcuagua.....	1
Gi2_10981971_x2	.....gcggucauagCacagugg.....	1
Gi3_28125254_x2	.....gGcacucacgugacccggguucg.....	1
Gi3_28138036_x2	.....cacucaAgugaccgggu.....	1
Gi1a_5957060_x2	.....gGggucauaguacaguggcuaguau.....	1
Gi2_10960531_x2	.....gucauaguacaguggcuagu.....	0
Gi1a_5981060_x2	.....gguucgaCucccgugaccgc.....	1
Gi3_28197758_x2	.....ggguucgauuucccgugCcc.....	1
Gi1_4120209_x2	.....gcggucauUguacaguggcuaguau.....	1
Gi1_4150033_x2	.....ucgauucccgugaccgCcu.....	1
Gi3_28183454_x2	.....gugaGccggguucgauucc.....	1
Gi5_8817695_x2	.....gcgAucauaguacaguggcuagua.....	1
Gi3_28051386_x2	.....acgugGccccggguucgauuucccgugac.....	1
Gi3_28068452_x2	.....gguucCauucccgugaccgc.....	1
Gi1_4096313_x2	.....cacucacgugacccgggGucgauucc.....	1
Gi3_28015536_x2	.....ggguucgauuuccCgugaccgCgguuu.....	1
Gi3_28074192_x2	.....cacucacgugacccggguucgC.....	1
Gi3_27982150_x2	.....gaNugucacucacgugaccgc.....	1
Gi2_10887701_x2	.....cacucacAugaccggguuc.....	1
Gi2_10949461_x2	.....ucgNuucccgugaccgc.....	1
Gi4_561206_x2	.....Uuucgauuucccgugaccgc.....	1
Gi3_28061456_x2	.....AguucgauuucccgugaccgCgc.....	1
Gi3_28004844_x2	.....gacugucacucCcgugacc.....	1
Gi5_8809967_x2	.....Gauaguacaguggcuagu.....	1
Gi1_4115825_x2	.....gauuucccgugaccgCcu.....	1
Gi1_4142021_x2	.....gcgCcauaguacaguggc.....	1
Gi1a_5955856_x2	.....ucgauuucccgugaccAc.....	1
Gi3_28108984_x2	.....gcgUucauaguacaguggc.....	1
Gi1_4106371_x2	.....gcggucauaAuacaguggcuagua.....	1
Gi3_28212700_x2	.....uucgaGuucccgugaccgcg.....	1
Gi1_4131811_x2	.....acugucacucacgugaUccgg.....	1
Gi2_10889927_x2	.....guucgaAuucccgugacc.....	1
Gi5_8798319_x2	.....guucgauuuccCgugaccg.....	1
Gi5_8826871_x2	.....ugacugucacucacgugaccAg.....	1
Gi3_28037320_x2	.....acgugacccggguucgauCccc.....	1
Gi2_10977273_x2	.....cgauucccgCgaccgcg.....	1
Gi5_8792011_x2	.....gguucgauuucccgugaccgc.....	1
Gi2_10919635_x2	.....cGcucacgugacccggguucgauucc.....	1
Gi2_10847575_x2	.....ggguucgaNuucccgugaccg.....	1
Gi2_10890281_x2	.....guucgauuuccAggugaccgcg.....	1
Gi3_28082506_x2	.....uucgauuucccgugaccgU.....	1
Gi5_8818111_x2	.....gugaccggguucgGuucc.....	1
Gi2_10971119_x2	.....cgauucccgugaccAgcg.....	1
Gi5_8725337_x2	.....guucgauuucccgugaccAgcg.....	1
Gi2_10853631_x2	.....ggguucgauuucccgugaG.....	1

Gi1a_5895204_x2	.gcggGcauaguacaguggcuaguau	1
Gi3_28051272_x2	.gugacccggguucgGuuccc	1
Gi3_28235116_x2	.gugGcccggguucgGuuccc	1
Gi3_28157360_x2	.gacugCcacucacgugacccggguuc	1
Gi2_10854253_x2	.ugacugucacucacgugaccUgg	1
Gi2_10893707_x2	.guucgauucccgCugaccgcg	1
Gi2_10986161_x2	.guucgaGuucccgugaccgcg	1
Gi1_4111651_x2	.gcggucauaguacaguggcuaC	1
Gi2_10951481_x2	.uucgauucccAgugaccgcg	1
Gi2_10838815_x2	.guucgauucccgguCaccgcg	1
Gi1_4118021_x2	.ucacucacgugacccgggu	0
Gi2_10843581_x2	.gacuUucacucacgugacccg	1
Gi2_10990305_x2	.cacucacgCgacccggguucga	1
Gi3_28158954_x2	.gguucgauucccgguCaccgc	1
Gi4_560434_x2	.gcggucauGcuacaguggcuagua	1
Gi1_4155767_x2	.gcggucauNguacaguggcu	1
Gi2_10978233_x2	.gacugucacAcacgugacccgg	1
Gi1_4096383_x2	.gguucgauucccgugaccgcgAc	1
Gi3_28075364_x2	.ggguucgauucccgCugacc	1
Gi1_4154601_x2	.Ccggucauaguacaguggcuag	1
Gi3_28160722_x2	.gugacugucacucaUgugaccgg	1
Gi3_28180404_x2	.uucccgugaccgcggcA	1
Gi3_28258568_x2	.gacugucacucacgGgacccg	1
Gi5_8731689_x2	.Cgguucgauucccgugacc	1
Gi1_4142915_x2	.gcggucauaguacagugA	1
Gi1a_5948930_x2	.gguucgauuUccggugac	1
Gi4_560908_x2	.gcggucaCaguacaguggcuagua	1
Gi1_4126823_x2	.gcggucauGcuacaguggcua	1
Gi3_28187002_x2	.gugaccUggguucgauuccc	1
Gi2_10923535_x2	.gugGcugucacucacgugacccg	1
Gi5_8801275_x2	.uucgauucccgCgaccgc	1
Gi2_10834327_x2	.gacugucacucacgugacccCg	1
Gi3_28251928_x2	.ugacugucacucacgugaUccgg	1
Gi2_10918131_x2	.Ggugacccggguucgauuc	1
Gi2_10912063_x2	.uucccgugaccgcgCcu	1
Gi5_8795321_x2	.cccggCucgauucccgugacc	1
Gi1_4102625_x2	.gguucgauucccgugaccgcgA	1
Gi3_28215874_x2	.ggguucgauuUccggugaccgcg	1
Gi2_10898601_x2	.gugacugucacucacgugacccgg	0
Gi1a_5932998_x2	.guucgauucccgGgacc	1
Gi3_28189586_x2	.acugucacucacgugacccgAgu	1
Gi3_28080882_x2	.uucgauuccUggugaccgc	1
Gi1a_5886040_x2	.guucgauucccgUugacc	1
Gi2_10923913_x2	.gacugucUcucacgugacccgg	1
Gi3_28163592_x2	.cacgugacccAgguucgauuccc	1
Gi4_567272_x2	.uucgauucccgugaccgcg	0
Gi5_8789347_x2	.uucgauucccgCgaccg	1

Gi1_4129543_x2	.gcggucauGguacaguggcuaguau	1
Gi3_28248950_x2	.ucUcgugacccggguucgauucc	1
Gi5_8802171_x2	.ggguucgauAcccgugacc	1
Gi1_4122065_x2	.Uguucgauuccggugaccg	1
Gi3_28042154_x2	.acgugaccUgguucgauucc	1
Gi1a_5955244_x2	.guucgauuccggAgaccg	1
Gi3_27992682_x2	.Aaccggguucgauucc	1
Gi5_8725793_x2	.gguucgauuccggUacc	1
Gi3_28189670_x2	.ccUggguucgauuccggugac	1
Gi1_4103723_x2	.cauUguacaguggcuagu	1
Gi1a_5876902_x2	.Uacugucacucacgugaccgg	1
Gi3_28246356_x2	.ucgauucccgAugaccg	1
Gi3_28003374_x2	.Ucgugacccggguucgauucc	1
Gi5_8754049_x2	.cUcggguucgauuccggugacc	1
Gi5_8829701_x2	.uucgauuccggugaccgU	1
Gi3_28224768_x2	.ggguucgauuccAggugacc	1
Gi3_27987332_x2	.ucacgugacccggguucgaCucc	1
Gi5_8766309_x2	.guucgauuccUggugaccg	1
Gi3_28094802_x2	.gacugucacucacgugCcccg	1
Gi5_8799397_x2	.acugucacNcagugaccgg	1
Gi3_28141918_x2	.uucgauUccggugaccg	1
Gi3_28119946_x2	.acgugGcccggguucgauucc	1
Gi1_4144499_x2	.gacugucacucagAgaccg	1
Gi1_4104173_x2	.cggguucgauuccggugaccgCcu	1
Gi3_28215216_x2	.ggguCcgauuccggugaccg	1
Gi2_10871439_x2	.cacucGcgugaccggguuc	1
Gi2_10899747_x2	.cacucacgugaccgggA	1
Gi5_8815291_x2	.gcggucauaguaAaguggcuag	1
Gi3_28165624_x2	.cgugacugucGcucacgugacc	1
Gi3_28161748_x2	.Agugacugucacucacgugacc	1
Gi3_28163438_x2	.gguucgauuccggugaccggcG	1
Gi1_4130653_x2	.ugCcgucacucacgugaccg	1
Gi2_10921673_x2	.gguucgauuccggUacc	1
Gi3_28216628_x2	.Nuucgauuccggugaccg	1
Gi5_8784139_x2	.ggguucAauuccggugacc	1
Gi1_4090489_x2	.ugacugucaAucacgugaccgg	1
Gi5_8813279_x2	.gcggucauaguacaguggcuagGau	1
Gi3_27988106_x2	.guNcgauuccggugacc	1
Gi1_4092715_x2	.gUggucauaguacaguggcu	1
Gi3_28177858_x2	.cgUuuccggugaccggcuuu	1
Gi2_10952535_x2	.gguucgauGcccggugaccg	1
Gi1_4140859_x2	.gcggucauaguacagGggc	1
Gi1_4122253_x2	.uucgauuccggugaccg	0
Gi3_28224190_x2	.cugucaAucacgugaccgg	1
Gi3_28208106_x2	.ucgauucccgCugaccg	1
Gi3_28163982_x2	.cgauuccggugaccgUg	1
Gi1_4150287_x2	.Uggguucgauuccggugaccg	1

Gi2_10846311_x2.....	ugacugucacucacgugacccAg.....	1
Gi1_4111427_x2.....	Uugcggucauaguacaguggcuaguauugcg.....	1
Gi3_28153128_x2.....	acugGcacucacgugacccgg.....	1
Gi3_28223730_x2.....	acugucacucacgAgacccg.....	1
Gi2_10862621_x2.....	cgUuucccgugaccgcg.....	1
Gi2_10890935_x2.....	cacucacgugacccgCgu.....	1
Gi5_8756933_x2.....	cauaUuacaguggcuaguau.....	1
Gi2_10924597_x2.....	Uuucgauucccgugaccgcggu.....	1
Gi1_4091751_x2.....	gucauaguNcaguggcuagu.....	1
Gi2_10882297_x2.....	cacucacgugacccggguAc.....	1
Gi3_28146272_x2.....	guucgCuucccgugaccgcggc.....	1
Gi3_27986762_x2.....	acucacgugacUcgggu.....	1
Gi3_28144434_x2.....	ucacgugacccgggCucgauuc.....	1
Gi2_10940065_x2.....	ggguucgauucccgugaUc.....	1
Gi1_4119937_x2.....	ggCucgauucccgugaccg.....	1
Gi2_10868351_x2.....	cgauucccgugaccgcggcCuu.....	1
Gi3_28121506_x2.....	cacucacgugacccggguucgaCucc.....	1
Gi1_4152195_x2.....	cGgucacucacgugacccgg.....	1
Gi2_10954077_x2.....	gacugucacucacgugacAcgg.....	1
Gi3_27996792_x2.....	gguucgauuAccggugaccg.....	1
Gi5_8761533_x2.....	Uacgugacccggguucgauuc.....	1
Gi3_28093810_x2.....	gguucgauucccgugaccgcU.....	1
Gi5_8819811_x2.....	acugucacucacgugacccggAu.....	1
Gi3_28081084_x2.....	cuUucacucacgugacccgggu.....	1
Gi5_8798795_x2.....	gguucgauucccgugUccg.....	1
Gi2_10956363_x2.....	cacucacgCgacccggguucgauucc.....	1
Gi2_10942073_x2.....	cacucacgugUcccggguuc.....	1
Gi1_4139687_x2.....	gacugucacucGcgugacccg.....	1
Gi5_8738805_x2.....	ugacugucacucacgugacccUg.....	1
Gi3_27992566_x2.....	gcggucauaguacaguCg.....	1
Gi3_28201904_x2.....	ucgauucccgGgaccgcg.....	1
Gl1_5900404_x2.....	guucgauucccgugaccAc.....	1
Gi5_8822649_x2.....	gcggucauaguacaCuggcuagu.....	1
Gi1_4096239_x2.....	gcggucaAaguacaguggcua.....	1
Gi2_10958275_x2.....	guucgauucccgugaccgcggcC.....	1
Gi5_8732813_x2.....	gguucgauuGccggugac.....	1
Gi4_561524_x2.....	gcggucauaguacCguggcuagua.....	1
Gi2_10950025_x2.....	gacugucaUucacgugacccgg.....	1
Gi3_28204216_x2.....	Uuucgauucccgugaccgcg.....	1
Gi3_28162468_x2.....	gguucgauucccgUugaccg.....	1
Gi3_28227354_x2.....	ucacgugGcccggguucga.....	1
Gi4_564012_x2.....	gcggucauaguacaguAgcuagua.....	1
Gi5_8789839_x2.....	cgguucgauucccgugCc.....	1
Gi5_8794257_x2.....	gcggucauaguacagugAcuaguau.....	1
Gl1_5887026_x2.....	guucgauuAcggugaccgc.....	1
Gi3_28244798_x2.....	ucgauucccgugaccgUg.....	1
Gl1_5923478_x2.....	gguucgauuccUgugaccg.....	1

Gi1_4112551_x2	cgguucgauucccgugaccgCg	1
Gi3_28205424_x2	cucacugNcccggguucgau	1
Gi3_28182392_x2	Cugacugucacucacgugaccg	1
Gi1_4144721_x2	acugucacucacgugaccCg	1
Gi2_10885647_x2	Gggguucgauucccgugaccgc	1
Gi2_10895019_x2	ggNucgauucccgugac	1
Gi3_28001286_x2	guucgauCcccgugaccgCgc	1
Gi3_27984470_x2	cacucacgugacGcggu	1
Gi2_10850099_x2	gAguucgauucccgugaccgCg	1
Gi2_10874069_x2	ggguucgCuucccgugaccgCg	1
Gi3_28040904_x2	guucgauucccgAgaccgCgc	1
Gi2_10917181_x2	ggAuucgauucccgugaccgCg	1
Gi2_10983709_x2	ggguucgauucccgAuga	1
Gi3_28020886_x2	cacucacgNgaccggguucgau	1
Gi2_10862585_x2	ggguucgUuucccgugaccgc	1
Gi5_8821033_x2	caUucacgugacccgguucgau	1
Gi2_10882809_x2	uucgauucccgugaccg	0
Gi1a_5940036_x2	Gcacgugacccgguucgauuc	1
Gi3_28046328_x2	guucgauucccgguUacc	1
Gi3_28088860_x2	cucacugNcccggguucgauucc	1
Gi1a_5953732_x2	gguGgauucccgugacc	1
Gi1_4129591_x2	ggguucgauucccgugaccgCg	1
Gi3_28056912_x2	ggguucgauucccgugaccgAg	1
Gi3_28093402_x2	gugacuguNacucacgugac	1
Gi2_10929731_x2	ggguucgCuucccgugaccg	1
Gi3_28019500_x2	ggguucgauucccgCgaccg	1
Gi5_8736455_x2	ggguucgauucUcggugacc	1
Gi2_10920153_x2	ugacugucacucGcgugaccCg	1
Gi1_4145625_x2	gacugucacucacgugacGcg	1
Gi5_8762565_x2	acugucacucacgCgaccCg	1
Gi5_8757867_x2	uucgauAcccgugaccgCg	1
Gi3_28245514_x2	gucacucCcgugacccgguucga	1
Gi5_8748267_x2	ggguucgauuccGggugaccg	1
Gi1_4106333_x2	ggguucAauucccgugaccCg	1
Gi3_28179964_x2	ggguucgauucUcggugacc	1
Gi3_28091352_x2	gugacugucacCcacgugac	1
Gi3_28015974_x2	acugucacucacgugGccc	1
Gi2_10975179_x2	ggguucgauucUccggugaccg	1
Gi2_10885691_x2	ggguCcgauucccgugacc	1
Gi5_8770629_x2	acugCcacucacgugaccCggu	1
Gi2_10831821_x2	gaAugucacucacgugaccCg	1
Gi3_28194598_x2	cacucacgugaccCggu	1
Gi3_28009198_x2	guucgauucccgguUaccgCg	1
Gi5_8808169_x2	ggguucgauucccgAugaccg	1
Gi2_10938341_x2	gcggucaguacagugAc	1
Gi2_10921543_x2	ggUuucgauucccgugaccg	1
Gi3_28233232_x2	GccggugaccgCgcuuu	1

Gi5_8826309_x2	.....cucaUgugaccgguuc.....	1
Gi1_4107649_x2	.....acugucacucacgugaccg.....	0
Gi2_10968625_x2	.....Nguucgauucccgugacc.....	1
Gi3_28192658_x2	.....cacucacgugaccgggAucgauuc.....	1
Gi3_28030020_x2	.....guucgauucccgugagaGcg.....	1
G1a_5965750_x2	.....guucgauucccgugaccgU.....	1
Gi3_28193158_x2	.....acgugaccggGucgauucccgugac.....	1
Gi3_28188850_x2	.....Gcugucacucacgugaccgggu.....	1
Gi2_10861027_x2	.....Ucggucauaguacaguggcuagu.....	1
Gi1_4137497_x2	.....acugucacucacAugaccg.....	1
Gi3_28107130_x2	.....guNcgauucccgugaccg.....	1
Gi5_8745743_x2	.....gacugucacucUcgugaccg.....	1
Gi3_28069016_x2	.....cacucacgugacUcggguucga.....	1
Gi2_10906339_x2	.....ugacugucacucacgugGccc.....	1
Gi1_4109809_x2	.....gacugucGcucacgugacc.....	1
Gi5_8804515_x2	.....cacgugaccAgguucgauuc.....	1
Gi2_10917999_x2	.....Cucgauucccgugaccgc.....	1
Gi3_28110556_x2	.....guucgauuccUgugaccg.....	1
Gi5_8750943_x2	.....gcggucauagAacaguggcuagu.....	1
Gi1_4097945_x2	.....gcAgucauaguacaguggc.....	1
Gi3_28134238_x2	.....cacgugCcccggguucgauucc.....	1
Gi5_8814043_x2	.....guUauaguacaguggcuag.....	1
Gi5_8756627_x2	.....ugacugucNcucacgugaccg.....	1
Gi3_28084964_x2	.....acucacgugaccggguucGcuucc.....	1
Gi3_28026610_x2	.....ggguucgauucUcggugaccg.....	1
Gi5_8727661_x2	.....guucgauucccgugaccgU.....	1
Gi2_10925215_x2	.....gcUgucauaguacagugg.....	1
Gi1_4153261_x2	.....acugucacucacgugaccgU.....	1
Gi5_8772365_x2	.....uucgauucNcggugaccg.....	1
Gi3_28249974_x2	.....ggguucgauucccgugagaUc.....	1
Gi3_28048608_x2	.....gugacugucacucCcgugacc.....	1
Gi2_10988361_x2	.....cacucUcgugaccgggu.....	1
Gi1_4127767_x2	.....gacugucacuUacgugaccg.....	1
Gi4_557244_x2	.....ggguucgauucccgugGcc.....	1
Gi2_10869055_x2	.....uucgauucccgugaccgUc.....	1
Gi3_28538705_x1	.....gaccggguUgauucc.....	1
Gi4_605590_x1	.....cugucacucacgugaccg.....	0
Gi2_11036068_x1	.....ucacgugaccggguucgaCuucc.....	1
G1a_6067099_x1	.....uCcgauucccgugaccg.....	1
Gi1_4231471_x1	.....uucgauucccgugaccU.....	1
Gi1_4292141_x1	.....gcggucauGguacaguggcuag.....	1
Gi1_4378424_x1	.....ugacugucUcucacgugaccg.....	1
G1a_6298550_x1	.....ggGucgauucccgugaccg.....	1
Gi3_28500553_x1	.....ggguucgauuccUgguga.....	1
Gi1_4387570_x1	.....gcggucauaguaAaguggc.....	1
Gi1_4249700_x1	.....gAgacugucacucacgugacc.....	1
Gi5_8894888_x1	.....ucacgugaNccggguucgauucc.....	1

Gi3_28920820_x1	.....gCgacccggguucgauucc.....	1
Gi3_28674657_x1	.....acugucacucacgugacUcg.....	1
Gi3_28353370_x1	.....cacucacgugCcccggguucgauu.....	1
Gi3_28842556_x1	.....cccggguucgauucccgugaccgcgU.....	1
Gi2_11225808_x1	.....cacucacgNgacccggguucgauucc.....	1
Gi5_8978299_x1	.....gacugucaAucacgugaccg.....	1
Gi2_11030458_x1	.....gguucCauucccgugaccg.....	1
Gi5_9006796_x1	.....uucgGuucccgugaccg.....	1
Gi5_9062493_x1	.....cggucgauaguacaguggcuaguC.....	1
Gi3_28299532_x1	.....ucGcgugaccggguucga.....	1
Gi2_11047208_x1	.....acgugaccggguucgauucc.....	0
Gi2_11346264_x1	.....gacuCucacucacgugaccg.....	1
Gi3_28409412_x1	.....ucacgCgacccggguucgauuc.....	1
Gi3_28911491_x1	.....gugacugucacucacgugGc.....	1
Gi1a_6279368_x1	.....guucgauucccgUugaccg.....	1
Gi5_9103002_x1	.....gguGcgauucccgugaccg.....	1
Gi5_8931171_x1	.....Augcggucaguacaguggcuagua.....	1
Gi3_28335866_x1	.....cCucacgugaccgggu.....	1
Gi2_11127624_x1	.....Ucggucaguacaguggcuag.....	1
Gi5_9028274_x1	.....cggguucgauCcccgugacc.....	1
Gi3_28599910_x1	.....acucacgugaccggguA.....	1
Gi1a_6195411_x1	.....guucgauucccgugaccgcgA.....	1
Gi3_28662306_x1	.....ugacugucacucacgGgaccg.....	1
Gi1_4242363_x1	.....gacuUucacucacgugacc.....	1
Gi3_28620941_x1	.....ucgauucGcggugaccgc.....	1
Gi5_9028629_x1	.....cacucacgugaccggguucGu.....	1
Gi2_11190961_x1	.....cacuUacgugaccggguuc.....	1
Gi5_8912705_x1	.....cacCcacgugaccggguuc.....	1
Gi3_28712170_x1	.....guucgauucccgugaccgcgcu.....	0
Gi1_4282137_x1	.....ucauUguacaguggcuagua.....	1
Gi2_11169846_x1	.....ggUuucgauucccgugaccgcg.....	1
Gi2_11218670_x1	.....cgugaccGggguucgauuc.....	1
Gi1_4268244_x1	.....gacuCucacucacgugaccg.....	1
Gi1_4172685_x1	.....gcggucauaAuacaguggcua.....	1
Gi3_28415591_x1	.....ggguucgauucccgAgacc.....	1
Gi2_11081184_x1	.....uUacgugaccggguucgauucc.....	1
Gi3_28576591_x1	.....cugucacucacgugaAccgg.....	1
Gi3_28784960_x1	.....gUuucgauucccgugaccgcgcuuu.....	1
Gi3_28483700_x1	.....gugaUugucacucacgugac.....	1
Gi5_8901434_x1	.....Aguucgauucccgugaccgcggc.....	1
Gi5_8847419_x1	.....ucacucacgugCcccggguucgauuc.....	1
Gi1_4227761_x1	.....gugcggucaCaguacaguggcuaguaugcg.....	1
Gi2_11303188_x1	.....gugNcugucacucacgugaccg.....	1
Gi3_28533851_x1	.....cacucacgGgaccgggu.....	1
Gi5_8933031_x1	.....cauaguacUguggcuagu.....	1
Gi2_11029821_x1	.....gacugucacucacgugaccggguuc.....	0
Gi3_28394474_x1	.....cauaguacaguggcuaguau.....	0

Gi3_28428453_x1	.gugacugucacucacgugacUcgg	1
Gi3_28424756_x1	.gguucgauucccgugaccgUggc	1
Gi4_596659_x1	.gguucgauucccUgugacc	1
Gi3_28531689_x1	.gacugGcacucacgugaccgg	1
Gi3_28491145_x1	.cgguucgauuGccggugaccgc	1
Gi3_28441031_x1	.cugucacCcacgugaccgg	1
Gi1a_6137364_x1	.guucgauucccgugaUcg	1
Gi1_4336694_x1	.gcggucauaguaUaguggcuagua	1
Gi2_11085939_x1	.gguucgauucccCgugaccgc	1
Gi3_28705973_x1	.gAgaccggguucgauucc	1
Gi3_28977135_x1	.cgauucccgugaccgcggcA	1
Gi5_8918220_x1	.Cugcggucauaguacaguggcuagua	1
Gi1a_6034149_x1	.ugacugucacucacgugaccgggu	0
Gi5_8993511_x1	.caGaguacaguggcuagu	1
Gi2_11404712_x1	.cccggguucgauuccAgugaccgg	1
Gi5_9009495_x1	.gcggucauaguacagugAcuagua	1
Gi3_28680872_x1	.cacucacgAgaccggguucga	1
Gi3_28456062_x1	.accAgguucgauucccgugacc	1
Gi1_4326168_x1	.ugacuguUacucacgugaccgg	1
Gi3_28764164_x1	.acucacgAgaccggguu	1
Gi1_4350724_x1	.Ccggucauaguacaguggcuaguau	1
Gi1_4276252_x1	.gcggucauaguaUagugg	1
Gi5_8931860_x1	.ugaGugucacucacgugaccgg	1
Gi5_8963771_x1	.gguucgauuccAggugaccgc	1
Gi3_28852536_x1	.gAguucgauucccgugaccgc	1
Gi2_11095282_x1	.uucgauuccUggugaccg	1
Gi2_10992723_x1	.auucccgugaccgcgguu	0
Gi5_9035048_x1	.acugucacucacgGgaccgggu	1
Gi3_28949501_x1	.gugacugucacucacgugaccA	1
Gi3_28873136_x1	.ucacgugacUcggguucga	1
Gi4_589850_x1	.acucacgugaccggguucA	1
Gi3_28388707_x1	.acucacgugacAcggguucgauu	1
Gi5_9108312_x1	.Aggucauaguacaguggcu	1
Gi2_11276259_x1	.cacucCcgugaccggguucga	1
Gi1a_6139165_x1	.gcggucauUguacaguggcuag	1
Gi1a_6190288_x1	.cacucacAugaccgggu	1
Gi3_28949120_x1	.gcgCucauaguacaguggc	1
Gi5_9021783_x1	.gcggucauagCacaguggcuaguaug	1
Gi3_28679632_x1	.acgugaccggguucgauucUc	1
Gi3_28511369_x1	.gugacugucacucacgugGcc	1
Gi3_28655596_x1	.gguucgauAcccgugaccg	1
Gi3_28938746_x1	.gcggucauagGacagugg	1
Gi1_4384329_x1	.gcggucauAuacagugg	1
Gi3_28749068_x1	.ggGucgauucccgugaccgcgguu	1
Gi2_11242143_x1	.guucgauuccGggugaccg	1
Gi2_11120989_x1	.gacugucacucacgugaUc	1
Gi4_572503_x1	.gguucgauucccgugaccgAc	1

Gi2_11121476_x1	.....guucgauuGccggugacc	1
Gi3_28586228_x1	..gcCgucauaguacaguggc	1
Gi3_28614113_x1	.....cugucacuUacgugacccgggu	1
Gi1_4300097_x1	.....ugacugucacucacgGgacccgg	1
Gi5_9071406_x1	..gcggucaGaguacaguggcua	1
Gi4_604689_x1	.....guucgauucccgGgacc	1
Gi5_8854177_x1	.....gguucgauucccgugaccCcg	1
Gi3_28389591_x1	..gugGcugucacucacgugacc	1
Gi5_9074585_x1	.....ggguCcgauucccgugacc	1
Gi3_28824058_x1	.....ucacucacgugacccggguucgG	1
Gi5_9131464_x1	..gcggucauaguacagugU	1
Gi5_9046301_x1	.....cauaguacaguggcAagu	1
Gi5_9017940_x1	..gacugucacucacAugaccg	1
Gi5_9031455_x1	.....gguucgauAcccgugaccg	1
Gi2_11164185_x1	..gugacuguUacucacgugaccg	1
Gi3_28899637_x1	.....cucacgugacccggguAcgauu	1
Gi2_11132747_x1	..Acacucacgugacccgggu	1
G1a_6122539_x1	.....cacucacguAaccgggu	1
Gi5_8881851_x1	.....cUgacccggguucgauuccggugacc	1
Gi1_4170927_x1	..gcggguGauaguacaguggcua	1
Gi4_580484_x1	..gacugucacucCcgugaccgg	1
Gi3_28940332_x1	.....ugaUccggguucgauucc	1
Gi5_9062574_x1	.....gguucgauuccCgugaccg	1
Gi2_11136082_x1	..gcggucauaguacaguggcuGgua	1
Gi3_28294893_x1	.....guucgauucccgugaccgcggcC	1
Gi5_8971087_x1	.....gugacAcggguucgauucc	1
Gi5_9015812_x1	.....cucacgugacccggguucgauuccggugacc	0
Gi1_4248346_x1	.....cgugacccggguucgauuc	0
G1a_6066396_x1	..gcggucauaAuacaguggcuagu	1
Gi5_9041743_x1	.....gguucgauucccgugaccA	1
G1a_6000078_x1	.....guucgauucccgugaccA	1
G1a_6194174_x1	.....ucacgugaNccggguucgauuc	1
Gi1_4304139_x1	..Uucauaguacaguggcuag	1
Gi1_4277417_x1	..gucauCguacaguggcuagua	1
Gi1_4380195_x1	..gucauaguacUguggcuagu	1
G1a_5981086_x1	..gcggucauNguacaguggcuag	1
Gi3_28667188_x1	..gugacugucacucacguAaccg	1
Gi3_28923891_x1	.....ugaUccggguucgauucc	1
Gi4_568477_x1	..gUggucauaguacaguggcuagu	1
Gi3_28355043_x1	.....ucacgGgacccggguucga	1
Gi1_4340106_x1	..gcggucauaguacagugCc	1
Gi2_11362692_x1	.....ggguucgaCuuccggugacc	1
Gi3_28636335_x1	.....acugucacucacgugaccAggu	1
Gi2_11075769_x1	.....gAguucgauucccgugac	1
Gi5_9136546_x1	.....guucgauucccgugacAgcggcuu	1
Gi2_11255832_x1	.....cAauuccggugaccgcgguuu	1
G1a_6098517_x1	.....acugCcacucacgugaccgg	1

Gi1a_6156881_x1	.....gguucgauucccgugacA.....	1
Gi2_11023488_x1	.....ggguucgaAucccggugac.....	1
Gi3_28894143_x1	.....gacugucUcucacgugacccggg.....	1
Gi2_11012342_x1	.....uucgauucccgugacccgCcu.....	1
Gi3_28324183_x1	.....Aucacgugacccggguucgauucc.....	1
Gi5_8847922_x1	.....ggguucgauucccgugUcc.....	1
Gi3_28599856_x1	.....guucgauucAcggugacccggg.....	1
Gi3_28951673_x1	.....gugacugucacucacgGgaccc.....	1
Gi2_11160075_x1	.....ucGcucacgugacccgggu.....	1
Gi4_577843_x1	.....cauaguacaguggcuaugu.....	0
Gi3_28927764_x1	.....gucacucacgAgacccggguucga.....	1
Gi3_28310408_x1	.....acuguAacucacgugacccgg.....	1
Gi2_11157211_x1	.....ugUcugucacucacguga.....	1
Gi3_28897993_x1	.....gaGccggguucgauucc.....	1
Gi1a_6118543_x1	.....gcfguacauaguacaguggcCaguau.....	1
Gi1a_6282248_x1	.....uucgauuccAggugacccg.....	1
Gi3_28339967_x1	.....accggguucgauucccgGgacc.....	1
Gi3_28952503_x1	.....gacugucacucacgugacAc.....	1
Gi3_28657124_x1	.....Augacccggguucgauuc.....	1
Gi3_28434501_x1	.....cacucacgugacccgAguu.....	1
Gi1_4337371_x1	.....auucccgugacccgcgcuu.....	0
Gi3_28704060_x1	.....uucUauucccgugacccg.....	1
Gi2_11236256_x1	.....acucacgAgacccggguucga.....	1
Gi2_11320921_x1	.....cccgggCucgauucccgugacccg.....	1
Gi3_28858857_x1	.....gacugucacucacAugacc.....	1
Gi3_28554564_x1	.....ccggguucgauucccgugaUcgc.....	1
Gi1a_5984644_x1	.....gguucgauucccgGgac.....	1
Gi5_8940321_x1	.....gguucUauucccgugacccg.....	1
Gi2_11191118_x1	.....ggguucgauucccgugacAgc.....	1
Gi1_4299186_x1	.....cAgucacucacgugacccgg.....	1
Gi5_8973596_x1	.....Ccgugacccggguucgauucccgugacc.....	1
Gi1_4268167_x1	.....cauaguacaguggcuaUu.....	1
Gi1a_6220905_x1	.....acugucCcucacgugacccgg.....	1
Gi2_11077973_x1	.....cgauucccgugacccgAc.....	1
Gi1_4258754_x1	.....ggucgauucccgugacccg.....	1
Gi1a_6279806_x1	.....ggguCcgauucccgugac.....	1
Gi1_4382291_x1	.....gguucgauucccgGgacc.....	1
Gi3_28828736_x1	.....ggguucgauuccAgugac.....	1
Gi2_11129196_x1	.....ggguucgauucccgAgacccg.....	1
Gi3_28484164_x1	.....ugacGgucacucacgugacc.....	1
Gi2_11170991_x1	.....ugacugucacucacgugaUccgg.....	1
Gi1a_6074672_x1	.....gguucgauucccgugaUcgc.....	1
Gi4_599200_x1	.....gUggucgauucccgugacccg.....	1
Gi5_8846469_x1	.....guAcgauucccgugacccgcuu.....	1
Gi5_8958967_x1	.....gacugucacCcucgugacccggg.....	1
Gi2_11064591_x1	.....acucacgugacccAgguuc.....	1
Gi3_28623544_x1	.....Uccggguucgauucccgugac.....	1

Gi2_11061029_x1.....	Ccucacgugacccggguuc.....	1
Gi5_9017682_x1.....	.gcggucauaguacaAuggcuagua.....	1
Gi3_28799527_x1.....	.....ucacgugacccggguucgauucccgugGc.....	1
Gi3_28495135_x1.....	.....cccggugaccgcgguuC.....	1
Gi2_11069974_x1.....	.....acucacgugacccggguCc.....	1
Gi5_9068071_x1.....	.....acugucacucacgugUcccggguuc.....	1
Gi3_28472660_x1.....	.....gugacccgNguucgauuc.....	1
Gi3_28547833_x1.....	.....cccggguucgauucccgAugaccgc.....	1
Gi5_8917385_x1.....	.....cauaguacaguggcuaguGu.....	1
G1a_6284687_x1.....	.....gacugucacucacgugCcccgggu.....	1
Gi3_28585507_x1.....	.....Cugacugucacucacgugac.....	1
G1a_6143027_x1.....	.....gguucgGuucccgugac.....	1
Gi1_4344222_x1.....	.....gcggucauaUuacaguggcua.....	1
Gi3_28788970_x1.....	.....gugacugucacucacgCgaccgc.....	1
Gi3_28957340_x1.....	.....gugacugucUcucacgug.....	1
Gi4_582523_x1.....	.....gcggucauaguacaguggcuaguG.....	1
Gi5_8878696_x1.....	.....ggguuUgauucccgugaccg.....	1
Gi5_8942261_x1.....	.....cgUguucgauucccgugacc.....	1
Gi2_11400852_x1.....	.....cggguucgauucccgAugaccgc.....	1
Gi4_604757_x1.....	.....gcggucauUguacaguggcuagua.....	1