

Bbr_0084		378.2	273.1	347.4	308.3	303.7	283.3	412.9	795.6	1508.8	690.1	183.4	477.9	522.4
Bbr_0085		480.9	406.8	266.0	207.9	266.0	210.2	353.1	465.5	977.9	411.8	445.2	159.0	488.3
Bbr_0086		106.2	85.7	88.8	92.6	104.4	125.2	136.7	232.4	1185.5	465.2	19.4	18.7	273.5
Bbr_0087		506.0	747.4	440.5	1065.3	338.6	4560.3	358.2	3455.3	856.2	1187.8	349.1	10444.4	474.8
Bbr_0088	tgt	499.0	577.8	395.1	355.6	333.9	177.7	461.3	441.1	1264.5	1333.2	752.4	1220.4	617.7
Bbr_0089	degP	4766.6	4903.9	4975.8	8414.7	3929.8	17989.7	2390.1	2421.1	6524.1	23316.5	2097.0	4014.6	4193.4
Bbr_0090		458.7	269.8	368.5	225.5	263.3	829.3	316.1	717.9	1063.9	843.8	206.6	65.9	446.0
Bbr_0091	fprA	3931.2	5180.6	3401.0	4932.5	2642.4	1222.2	3388.9	1356.9	5157.8	3905.3	5291.1	4186.4	3968.8
Bbr_0092	htpX	9115.4	6285.8	9631.2	7628.8	15015.1	10153.8	14435.6	16393.8	7081.0	10995.2	2347.7	2203.8	9604.3
Bbr_0093		326.2	368.8	272.2	371.4	236.8	285.8	303.1	366.8	1133.0	800.3	215.7	1232.6	414.5
Bbr_0094	fta	2342.1	2376.3	2168.8	2388.7	2482.4	1732.5	2683.0	2853.9	1951.0	3676.4	1492.8	1371.6	2186.7
Bbr_0095	purA	3540.3	3945.0	3134.0	3100.9	2362.6	1646.2	2506.4	1071.0	4509.5	3445.6	4115.9	2660.1	3361.4
Bbr_0096		722.0	611.9	566.5	494.8	340.6	286.0	383.5	206.8	841.7	636.2	510.3	429.5	560.8
Bbr_0097	crb1	1281.8	912.4	965.8	662.5	1035.5	1660.6	1191.1	3351.5	1273.0	851.2	335.7	913.5	1113.8
Bbr_0098	crb2	473.4	366.4	370.2	232.8	394.0	344.7	403.0	441.2	1245.3	600.5	647.9	473.7	589.0
Bbr_0099	scrR1	267.6	169.9	137.0	112.7	132.3	134.2	160.8	631.0	841.6	472.2	102.2	75.0	273.6
Bbr_0100	scrP	371.6	307.1	299.8	168.3	214.5	361.1	271.3	322.6	1296.8	825.9	263.1	837.4	452.8
Bbr_0101	scrT	856.5	735.7	811.5	1089.7	418.9	767.0	443.9	410.8	1357.6	1598.1	432.9	370.5	720.2
Bbr_0102	scrR2	355.4	363.0	294.5	298.8	297.0	419.4	371.2	715.4	1241.5	1457.5	330.8	319.5	481.7
Bbr_0103		224.8	190.6	171.8	190.6	194.2	76.5	271.4	409.7	1113.5	412.1	70.2	121.9	341.0
Bbr_0104	ilvC1	9723.2	5732.0	9272.2	2250.8	11000.4	619.5	15838.4	3539.6	2006.1	1072.3	5523.9	537.5	8210.7
Bbr_0105	cebR	1947.3	1604.1	1677.1	1014.7	1166.7	989.3	1220.6	807.2	4415.4	2337.5	1514.2	1070.6	1990.2
Bbr_0106	cebE	507.9	261.5	399.0	57.2	421.0	595.4	523.7	304.6	778.0	239.7	516.5	580.9	580.9
Bbr_0107	cebF	631.7	316.4	517.8	84.8	319.2	290.1	391.1	86.4	1723.0	239.9	1163.1	760.5	791.0
Bbr_0108	cebG	302.1	167.8	286.8	239.7	102.7	46.3	286.8	92.3	923.3	157.2	520.6	294.9	415.5
Bbr_0109	agl1	350.5	180.8	284.0	67.1	386.6	190.1	448.3	844.3	1281.9	321.2	680.6	568.9	572.0
Bbr_0110	ivc2	2152.1	1186.4	1271.0	441.8	865.7	674.1	981.0	853.5	1415.2	1062.1	1097.3	536.3	1297.0
Bbr_0111	agl2	678.8	543.5	457.7	453.1	534.4	467.4	634.4	467.4	1613.3	1822.3	354.8	354.8	746.6
Bbr_0112		413.9	499.8	357.7	474.7	245.0	399.7	287.6	444.3	779.0	1039.0	153.9	84.1	372.9
Bbr_0113		473.8	399.4	318.5	309.8	445.4	558.8	485.5	1035.1	900.4	760.9	146.1	162.4	461.6
Bbr_0114		657.8	552.6	516.2	358.3	501.9	316.1	719.7	917.9	1149.6	858.5	216.7	60.5	627.0
Bbr_0115		79.5	67.7	64.9	34.5	57.6	24.9	73.9	72.5	653.6	672.8	41.6	19.4	161.9
Bbr_0116	malQ1	5535.2	2651.9	5275.8	889.5	3504.7	814.4	3956.4	1011.0	3552.1	3895.3	1467.9	1117.0	3882.0
Bbr_0117	agl3	3141.6	2358.0	2914.3	565.7	1517.9	301.6	1525.9	318.5	1210.8	495.4	76.5	77.9	1731.2
Bbr_0118	malE	27952.2	9320.2	26498.4	32849.4	38946.0	3718.2	38976.4	3064.7	14213.7	2971.4	944.8	22355.7	22355.7
Bbr_0119	malC	5307.8	1685.6	5142.8	404.4	4222.1	355.4	5056.1	1125.5	4257.5	1135.7	105.3	130.7	4015.3
Bbr_0120	malG	4250.3	1361.1	3549.5	288.6	2197.5	331.0	2325.2	510.4	3780.9	1197.9	68.3	76.4	2895.3
Bbr_0121		2566.4	838.0	2064.3	282.9	1687.0	529.0	2366.6	1289.7	2155.0	1152.6	57.0	61.7	1816.0
Bbr_0122		1300.8	1372.6	1279.2	1902.9	829.5	2168.1	815.7	1316.3	4293.2	2903.2	493.7	4034.1	1502.0
Bbr_0123	apuB	3700.4	974.7	3437.4	384.9	2880.8	682.7	3058.4	1786.8	2180.9	2013.3	236.1	201.3	7182.2
Bbr_0124	dnaK	5669.3	19564.7	6184.0	44233.0	9535.0	56260.4	7110.8	191102.1	7259.2	31695.6	6970.7	117042.2	17118.2
Bbr_0125	grpE	6379.9	20356.1	6406.8	20356.1	10874.9	65406.0	7759.5	276921.5	7759.5	32879.3	6361.8	7892.6	7892.6
Bbr_0126	dnaJ1	2138.7	7656.7	2380.6	19647.3	2307.3	22589.1	2570.0	6001.3	2985.1	5365.6	3796.5	6255.2	2696.0
Bbr_0127	hspR	706.1	1752.9	770.4	9307.4	1216.9	9307.4	1230.6	29283.5	1251.0	2580.9	1157.7	18358.6	1055.4
Bbr_0129	fabG	148.4	153.1	132.9	160.1	95.1	258.2	117.2	1030.2	1584.5	822.5	121.0	1966.1	366.5
Bbr_0130	dedA1	1258.1	1337.9	1049.6	1097.6	675.2	1270.6	738.4	1497.9	2129.7	3152.8	1109.2	1929.5	1160.0
Bbr_0131		837.0	778.8	682.6	822.2	449.5	626.7	535.4	482.1	2013.6	1366.4	630.1	514.9	858.0
Bbr_0132		51.8	36.0	48.2	38.9	54.0	80.5	67.8	666.1	707.5	271.8	19.8	113.3	158.2
Bbr_0133		36.6	34.1	23.9	24.5	26.1	48.7	32.4	262.4	643.5	219.1	11.5	71.2	129.0
Bbr_0134		289.8	242.3	231.3	238.3	286.5	442.9	287.7	628.0	811.9	292.9	189.5	152.1	347.8
Bbr_0135		40.6	28.7	34.4	29.3	47.6	37.1	68.4	441.9	725.0	266.4	14.2	28.7	155.0
Bbr_0136		31.1	31.0	18.7	21.2	21.4	26.6	27.0	101.8	538.6	215.4	12.9	18.1	108.3
Bbr_0137		127.3	109.4	88.2	57.3	98.8	119.8	126.4	726.0	978.3	284.6	73.3	248.7	248.7
Bbr_0138		196.1	164.7	242.8	235.8	194.7	312.9	235.3	857.0	734.4	372.9	95.9	54.7	283.2
Bbr_0139		287.1	298.2	253.5	251.9	254.1	711.0	254.1	1353.9	1420.3	1780.5	231.1	63.5	449.7
Bbr_0140		280.4	272.1	223.2	252.5	145.7	305.9	172.8	166.9	1569.2	1282.9	231.2	103.3	437.1
Bbr_0141	dnaX	927.6	968.3	936.3	863.3	863.3	222.5	446.9	253.9	2288.5	2412.2	780.4	470.9	923.8
Bbr_0142	recR	1196.9	1086.9	932.2	864.1	576.9	700.6	619.5	835.6	2286.4	1711.3	827.2	448.5	1073.2
Bbr_0144		542.7	387.9	426.4	203.2	295.5	52.4	388.6	116.5	1775.0	647.5	582.5	128.1	668.4
Bbr_0145		51.5	42.5	31.2	29.8	46.8	27.7	64.5	201.7	775.4	239.0	27.1	39.4	166.1
Bbr_0146		22.0	23.8	17.7	24.1	12.8	26.6	14.2	159.8	498.3	281.9	9.6	13.0	95.8
Bbr_0147	askA	1678.7	2052.4	1366.7	1571.6	1134.5	1309.7	1428.0	2275.4	1445.4	1300.7	1233.0	322.9	1381.0
Bbr_0148	askB	2393.1	3681.8	2085.3	2821.6	1410.1	453.9	1691.0	557.5	1567.3	1191.7	1494.6	333.0	1773.6
Bbr_0149	asd	2340.8	1849.9	1893.5	1191.7	1630.9	1237.9	1796.7	910.4	2109.9	1788.5	2025.8	732.4	1961.1
Bbr_0150		1513.2	1534.5	1310.5	1210.5	652.4	2275.4	2087.1	2087.1	2368.5	1947.7	1122.7	330.3	1786.1
Bbr_0153		457.0	468.8	346.1	604.4	356.9	3954.0	454.3	18324.3	2523.1	1818.2	202.2	1062.0	723.3
Bbr_0154		97.6	119.9	76.8	131.0	269.9	73.2	100.9	639.1	1942.8	732.0	48.1	185.7	389.9
Bbr_0155		159.1	220.3	126.5	200.4	86.5	74.6	113.4	70.9	1665.4	580.7	158.0	196.5	384.8
Bbr_0156		189.9	258.1	156.6	248.9	165.7	90.5	173.3	464.4	1944.0	572.6	193.1	196.5	470.4
Bbr_0157		302.2	356.7	277.3	433.0	178.6	1926.3	185.5	1676.2	1840.5	1510.3	318.5	416.4	517.1
Bbr_0158		27.3	30.3	23.7	34.7	34.7	130.7	34.5	183.4	96.3	72.8	8.7	171.8	171.8
Bbr_0160		278.2	180.6	229.2	89.6	193.1	368.8	259.0	615.1	285.0	785.1	190.4	181.7	239.1
Bbr_0161		647.6	504.6	529.3	414.7	322.1	731.8	378.6	774.9	509.9	765.2	413.7	364.8	466.9
Bbr_0162		3607.9	2885.2	3071.0	2851.1	3372.0	3158.5	2425.2	18353.0	2425.2	1636.3	3404.8	4513.8	3143.3
Bbr_0163		1546.3	1223.5	1289.7	1170.3	1572.4	1666.8	1605.5	2835.1	762.3	591.4	518.0	357.1	1215.7
Bbr_0164	oppA1	519.8	196.3	505.1	63.9	242.8	450.9	269.8	396.6	999.1	594.3	425.3	675.3	535.3
Bbr_0165	oppB1	333.6	103.9	276.1	32.4	305.1	107.4	414.4	113.6	832.6	420.0	368.0	243.2	421.7
Bbr_0166	oppD1	229.8	103.8	213.7	130.7	162.7	162.7	162.7	162.7	162.7	162.7	162.7	162.7	314.0
Bbr_0167	oppF1	469.2	248.4	412.9	172.1	309.8	427.5	345.2	580.4	664.1	689.2	438.8	451.0	440.0

Bbr_0168	nanA	726.7	454.2	651.9	320.5	1026.3	413.0	835.8	680.6	850.3	770.1	927.0	794.9	836.3
Bbr_0169	nagB1	865.3	533.7	711.5	619.0	520.2	1352.9	721.5	1156.1	1157.8	849.7	870.2	611.1	824.2
Bbr_0171		367.5	225.9	301.7	151.5	240.9	288.5	335.0	812.0	1196.0	655.7	328.4	248.7	461.6
Bbr_0172		263.4	270.1	229.2	501.2	297.2	501.2	149.9	1144.7	1171.9	1643.5	246.6	275.0	364.5
Bbr_0173		1121.0	753.5	1038.8	914.0	655.0	2452.2	601.4	335.8	2153.2	6037.3	665.6	1445.2	1039.2
Bbr_0174		1045.7	1175.2	921.3	921.3	535.9	895.3	543.9	991.7	896.9	2055.5	833.7	532.4	794.6
Bbr_0175	leuA	3100.8	3329.4	2930.4	2462.8	2462.8	1859.1	1433.1	683.1	2183.3	3153.5	2623.1	1849.5	2301.8
Bbr_0176	pbp2	2588.4	2958.1	2675.4	3653.7	2857.5	1218.8	2679.1	2226.5	2875.6	7792.6	1481.3	2491.6	2526.2
Bbr_0177		2889.2	2969.1	3891.0	3118.7	2527.4	2468.8	2598.0	4261.5	1911.0	3037.4	2331.3	5413.2	2691.3
Bbr_0178	topA	1912.6	2449.7	1873.3	1885.1	852.9	284.6	862.0	372.8	2469.3	3472.1	1981.8	1615.4	1658.6
Bbr_0179	tmk	378.8	379.7	315.4	374.0	177.8	101.8	202.6	217.3	728.0	1478.9	361.3	766.7	360.7
Bbr_0180		1077.1	847.6	984.1	934.0	952.2	847.4	1072.3	2112.7	1045.8	1305.0	871.1	742.5	1000.4
Bbr_0181		3121.8	1722.9	2959.5	879.8	2123.4	2379.1	2210.6	3694.3	2099.0	1129.4	5327.4	9513.6	2640.2
Bbr_0182		82452.0	31510.6	89947.4	12847.3	109042.6	6942.9	125068.3	19638.7	30977.6	4499.7	58294.3	23355.0	82463.7
Bbr_0183		11799.7	7471.4	11579.1	3708.8	9559.6	4401.7	8631.3	6599.0	5132.1	3141.0	9258.8	7555.6	9328.8
Bbr_0184		20.7	21.8	31.9	89.1	27.0	89.1	27.6	308.1	643.1	562.1	12.4	25.2	125.8
Bbr_0185		158.7	118.8	117.8	92.7	109.9	693.9	127.2	958.1	1180.8	530.3	197.7	1360.7	315.4
Bbr_0186		4339.6	4814.5	3970.7	4796.6	2876.5	3097.9	2565.6	3829.3	4490.5	5148.5	2660.1	1513.9	3483.8
Bbr_0187	pepD	4120.7	5939.6	3584.0	4406.3	2070.1	1411.0	2068.3	1112.2	2588.4	4190.6	2916.4	3049.4	2891.3
Bbr_0188	fts	4986.5	7200.0	4327.4	7141.9	3304.5	2954.9	2928.2	1524.7	3751.2	5511.2	3212.1	3343.7	3751.6
Bbr_0189		8009.5	6905.1	6999.5	4183.5	4195.2	2074.1	3998.9	1553.3	7146.7	4967.5	5765.8	2096.2	6019.2
Bbr_0190		1440.2	1739.2	1123.6	1727.4	959.3	1376.8	1129.5	1243.6	1706.5	1092.7	1352.4	1479.3	1285.2
Bbr_0191		676.1	909.9	565.3	680.8	1039.6	609.9	813.9	1109.1	1009.8	675.1	229.5	118.0	660.7
Bbr_0192	gpm1	333.1	347.8	279.1	259.7	260.1	168.4	335.4	361.7	707.3	1092.6	304.5	294.6	369.9
Bbr_0193		1502.0	1053.6	1307.9	533.3	932.6	482.0	1127.7	729.1	2563.9	2145.6	1652.7	1184.7	1514.5
Bbr_0194		226.6	123.4	196.1	47.1	190.2	156.4	261.6	996.0	687.9	616.6	251.2	193.6	292.7
Bbr_0195		5311.9	3916.9	4695.7	1777.3	4287.9	1055.9	5036.7	1802.5	1321.1	829.5	1111.3	686.1	3627.4
Bbr_0196		2532.3	2852.3	2252.3	3205.3	1529.3	2226.3	1763.8	5465.3	2931.3	5465.3	3494.9	1645.3	2352.3
Bbr_0197	gltX1	246.3	317.2	204.4	323.0	278.9	981.7	336.6	1329.7	838.6	900.8	310.7	555.8	369.2
Bbr_0198		277.6	292.3	294.4	425.8	264.4	1053.7	251.6	510.0	634.3	993.1	294.5	814.5	336.1
Bbr_0199		1739.6	2850.2	1470.1	2951.5	1659.5	9567.5	1735.5	14887.7	5077.6	3856.4	2240.3	6507.6	2320.4
Bbr_0200		111.2	139.5	80.1	112.9	83.8	128.8	117.0	396.5	1494.8	650.0	128.0	192.3	335.8
Bbr_0201		51.8	40.3	35.2	52.0	36.5	38.5	45.2	88.0	847.0	463.4	34.4	61.3	175.0
Bbr_0202		62.7	61.3	58.4	66.0	84.1	136.8	105.6	693.6	591.6	854.1	13.2	32.6	152.6
Bbr_0203		151.0	141.0	138.8	138.8	170.1	136.3	136.3	170.1	136.3	34.7	34.7	39.4	828.8
Bbr_0204		80.9	91.6	75.2	99.9	56.3	88.2	86.6	190.8	4335.7	2007.0	43.5	32.2	779.7
Bbr_0205		402.0	433.4	311.6	635.9	255.0	2948.3	279.5	6551.6	12349.1	4939.6	235.3	171.1	2305.4
Bbr_0208		2040.5	1672.5	1836.6	1448.9	1173.5	5999.2	1130.7	10600.2	3972.6	3024.6	2741.3	1154.7	2149.2
Bbr_0209		1202.6	1102.0	850.5	1107.3	893.5	4355.2	887.5	6571.3	1122.0	1824.3	453.8	379.6	901.6
Bbr_0210		67.4	74.6	58.5	57.0	70.7	67.3	89.0	385.7	607.6	351.7	54.0	54.1	157.9
Bbr_0211		19.0	28.2	15.5	30.9	24.2	34.8	35.5	137.9	515.9	223.7	13.7	18.3	104.0
Bbr_0212		356.5	165.4	304.8	142.1	348.6	348.6	348.6	314.2	2202.0	7117.6	467.5	1232.3	699.0
Bbr_0213		8282.4	5202.7	7314.6	2156.1	5368.5	1013.9	6199.0	481.2	3872.6	1331.0	2868.8	765.7	5640.7
Bbr_0214		836.7	626.7	759.5	447.8	1259.8	210.0	1259.8	1728.1	1734.9	476.0	496.9	241.8	1007.7
Bbr_0215		2715.4	2464.1	2425.8	3185.8	3082.0	2818.0	3465.0	1061.3	4548.4	5186.4	1820.6	1155.7	3009.5
Bbr_0216		1622.7	1251.0	1466.3	1169.3	930.7	6204.0	930.7	3127.5	5749.7	5345.0	1118.0	2153.6	2009.5
Bbr_0217		379.6	488.4	316.4	408.4	200.1	111.7	255.0	165.2	1768.7	696.5	493.1	221.4	568.8
Bbr_0218		79.9	71.4	61.9	59.9	88.7	187.9	113.5	374.6	1667.4	1180.3	57.9	283.6	344.9
Bbr_0219	tnpY	289.4	241.6	212.8	237.3	322.0	539.3	357.9	1468.2	1989.2	2609.1	346.1	415.7	586.0
Bbr_0220		1011.8	1442.2	807.3	1035.3	475.7	792.5	534.9	454.8	2349.6	2374.3	587.5	3096.8	961.1
Bbr_0221		603.5	396.4	491.0	180.0	331.0	95.7	272.9	262.8	3127.7	2809.3	4443.0	2727.3	1544.9
Bbr_0222		1631.4	1259.2	1434.4	731.4	1152.9	431.4	1325.5	1025.9	7093.6	5626.7	19117.8	6609.6	5292.6
Bbr_0223		813.1	929.5	704.2	860.4	631.3	264.6	820.5	806.4	1726.0	1892.9	1155.4	1202.7	1107.5
Bbr_0224		720.7	855.1	611.2	668.6	1244.6	415.3	1384.9	2302.3	1908.3	1802.4	2323.7	1007.6	1365.6
Bbr_0225		785.3	991.0	631.2	648.6	648.6	154.9	814.0	201.8	1319.9	1026.5	1522.9	736.6	953.6
Bbr_0226	amtY	1337.5	1616.3	1217.5	1390.8	1263.7	412.2	1147.9	680.8	1579.9	1551.5	2811.0	2071.5	1562.9
Bbr_0227		1089.1	1219.5	923.8	1025.1	404.8	429.8	543.7	311.4	1706.1	1726.1	2184.1	1626.5	1158.8
Bbr_0228		194.6	224.7	132.8	205.4	121.7	126.3	175.2	363.8	1398.2	1260.4	188.4	207.5	368.5
Bbr_0229		1015.6	908.2	821.7	1017.7	926.0	1173.1	975.2	2843.7	819.7	1687.7	478.6	340.5	839.5
Bbr_0230		215.1	337.8	164.8	420.2	109.3	95.8	142.1	114.1	1877.5	1783.7	201.4	256.5	451.7
Bbr_0231		2402.1	1607.5	1932.6	720.4	1585.6	348.2	1843.3	554.6	3722.0	3041.4	1608.0	6264.1	2182.2
Bbr_0232	gnt	11767.6	9996.3	11630.6	10151.8	8537.5	5962.3	7783.3	6214.0	8140.8	9952.3	8132.1	6259.6	9332.0
Bbr_0233	pgl	938.2	766.0	848.7	836.4	600.6	114.2	888.6	187.0	2227.0	6108.0	1003.8	561.3	1081.1
Bbr_0234		2840.4	2879.3	2849.1	274.4	2337.2	2491.4	2397.1	271.4	3289.1	1822.8	834.8	1925.6	2530.2
Bbr_0236	zwf	5615.7	5628.6	5104.9	6209.8	3297.4	1488.6	3151.2	1498.7	4323.8	18649.1	2713.1	1429.5	4034.3
Bbr_0236		289.7	288.3	239.9	263.5	184.9	54.4	251.6	111.1	855.9	1307.0	290.4	160.2	352.1
Bbr_0237	pepDB	2062.9	2321.4	1673.5	1809.7	2178.4	590.5	2111.9	842.8	3630.3	2000.6	2264.7	6324.0	2320.3
Bbr_0238		5737.9	9557.4	2265.8	1426.9	1311.8	565.7	1317.2	543.3	3935.9	2503.7	3576.3	1654.6	3024.1
Bbr_0239		1003.1	998.1	798.9	833.0	658.7	611.5	857.9	1077.9	2030.4	3207.0	900.6	534.7	1041.6
Bbr_0240	ftsY	1072.9	1116.2	869.0	1071.7	908.5	862.5	1098.1	1729.2	1230.9	2706.2	1019.5	665.9	1034.2
Bbr_0241		932.4	932.4	932.4	932.4	932.4	932.4	932.4	932.4	932.4	932.4	932.4	932.4	932.4
Bbr_0242	glnB	1450.4	1450.4	1270.5	1209.4	1389.3	1492.9	1478.3	2148.2	1765.8	1571.1	2020.4	2297.5	1562.4
Bbr_0243	glnD	96.1	105.0	70.0	54.8	64.8	30.2	94.5	518.0	612.4	347.2	65.5	92.5	167.2
Bbr_0244		341.2	474.5	311.2	421.1	237.9	120.0	344.9	399.2	656.6	336.7	149.2	328.4	370.0
Bbr_0245	dnaB	946.8	1210.7	874.1	1098.2	536.5	271.2	711.8	166.9	1808.7	1844.3	1377.4	1413.7	1042.5
Bbr_0246	murE	955.8	1123.9	876.9	1036.7	557.5	247.3	640.7	1366.3	1006.0	1337.7	1102.5	654.0	856.6
Bbr_0247		844.5	950.4	686.6	749.9	498.8	454.2	572.3	1426.8	1610.9	1312.2	1124.9	1012.0	889.7
Bbr_0248		9579.3	5759.3	9849.7	3164.8	6288.8	9849.7	3164.8	33653.8	20462.4	9502.6	18926.7	7182.0	11421.6
Bbr_0249		1591.8	1046.9	1378.7	716.5	1106.4	274.7	1347.1	521.7	4731.1	2068.			

Bbr_0252		1165.1	1234.3	934.8	1039.0	597.7	913.6	650.7	997.6	1084.5	1335.2	601.0	627.0	839.0
Bbr_0254	rpsF	30374.2	31058.6	33896.1	27624.6	25354.4	18636.7	20653.5	8782.6	33737.0	19788.1	43481.5	46414.7	31249.4
Bbr_0255	ssb	26817.4	28439.7	27963.3	24474.6	27757.7	17372.4	24820.7	6320.0	25697.8	16534.9	35931.0	38015.8	28164.6
Bbr_0256	rpsR	18663.7	20158.8	18935.4	17228.4	14481.8	9849.9	11805.6	3964.4	18653.3	12315.4	31874.1	31635.4	19029.2
Bbr_0257	rplI	15584.5	16962.9	14973.8	13977.4	10471.0	8115.1	7970.9	2440.3	20368.2	13899.7	31369.4	32190.8	16789.6
Bbr_0258		289.4	346.5	220.6	181.4	147.8	112.1	186.1	201.6	2637.6	815.0	170.0	340.0	323.8
Bbr_0259		248.6	331.2	206.6	183.2	145.1	142.6	142.6	589.9	1019.0	860.2	365.5	385.5	323.8
Bbr_0260		51.3	32.8	25.9	25.6	26.3	42.9	38.3	121.2	690.5	475.6	17.3	288.7	141.6
Bbr_0261		386.3	292.5	291.4	237.1	266.2	339.4	333.5	971.5	1655.4	1784.1	360.9	1029.5	549.0
Bbr_0262		1032.5	940.3	874.7	722.2	674.4	262.8	933.4	627.0	1889.9	966.2	431.9	235.9	972.8
Bbr_0263		14404.3	11590.9	11812.7	7514.4	13185.3	6550.3	11415.4	6179.5	9781.4	13158.6	9335.8	3096.9	11655.8
Bbr_0264		6187.1	6187.7	6245.2	5435.0	6471.2	16214.9	5788.3	92732.7	6593.3	8998.1	6146.7	47553.1	6158.3
Bbr_0265		4167.9	4004.8	3819.2	4256.1	3755.4	9023.6	4708.2	55847.9	4721.0	6323.4	4617.1	43682.4	4298.0
Bbr_0266		79.3	42.5	64.6	35.8	54.2	56.3	60.0	178.4	1219.3	996.3	12.2	8.1	248.3
Bbr_0267	glpF	621.8	569.8	508.4	356.9	357.4	214.7	432.6	287.0	2260.3	704.9	2649.8	1889.0	1138.4
Bbr_0268	slpP	1575.7	1949.2	1129.0	1446.2	969.4	626.8	1141.9	394.6	2380.9	2095.7	1186.0	459.0	1397.1
Bbr_0269		500.5	439.0	392.8	342.1	288.5	1488.4	357.0	7080.6	1196.7	980.7	271.8	206.1	501.2
Bbr_0270		443.2	348.8	449.9	232.1	223.0	223.0	286.7	252.9	972.8	583.2	356.8	239.4	440.1
Bbr_0271	pyrE1	2214.2	2412.1	1819.0	2157.3	1131.1	1099.0	1113.3	487.6	3377.2	2567.4	1676.7	591.4	1888.6
Bbr_0272		798.8	804.8	709.8	717.5	396.1	615.2	436.9	1468.5	1584.4	978.8	664.5	415.9	765.1
Bbr_0273		1813.3	1695.1	1773.1	1406.2	1841.7	277.0	1852.0	854.1	930.9	2033.0	363.9	589.7	1445.9
Bbr_0274		2197.3	1859.8	1869.1	1271.9	1713.4	264.7	2344.8	1689.3	1118.4	386.8	286.7	351.5	1588.3
Bbr_0275		49.1	40.9	36.4	31.2	58.8	33.7	66.7	275.8	1289.0	374.6	21.3	21.3	253.6
Bbr_0276	gatC	484.8	669.7	306.8	557.3	160.9	189.8	238.0	218.0	1238.4	1644.2	606.7	239.2	505.9
Bbr_0277	gatA	5117.8	6698.4	4851.9	6657.8	4128.2	843.1	4949.9	1380.1	4399.4	5120.3	7433.3	6175.4	5146.7
Bbr_0278	gatB	3923.0	4447.3	3587.7	3803.2	712.8	1897.8	671.7	4206.9	5503.0	5532.5	3674.4	3473.3	3473.3
Bbr_0279		2273.1	1868.6	2028.5	2017.4	1897.3	3012.6	2017.6	2575.7	3971.7	4446.7	1408.4	1715.3	2266.1
Bbr_0280		2207.1	2207.0	1903.1	1596.2	1903.1	1596.2	1903.1	2234.1	23789.7	1869.2	3781.7	1936.0	3781.7
Bbr_0281		8794.3	8282.9	8035.5	7966.9	11099.6	5430.4	10918.5	3770.8	10726.4	7256.9	8403.6	7754.2	9663.0
Bbr_0282	rho	3257.9	3870.2	2771.7	4219.3	2252.9	3717.9	1960.6	5128.2	10986.5	4093.1	8895.5	3271.5	3271.5
Bbr_0283		449.5	455.1	341.3	264.8	195.8	259.0	231.3	459.3	1126.0	1116.6	496.1	87.1	473.3
Bbr_0284	lacZ2	2534.4	2862.1	2340.8	1000.7	2058.0	2149.4	2382.7	868.0	1798.5	1029.2	1347.6	2244.0	2244.0
Bbr_0285	lacZ2	2383.7	2846.0	2308.7	802.5	2306.7	1720.3	1145.5	1720.3	1145.5	565.8	1606.1	1159.7	1866.2
Bbr_0287	tyrA1	3189.1	3130.5	2993.0	2304.8	3170.4	1526.2	3404.8	3717.7	3227.9	2272.3	2218.9	1373.2	3034.0
Bbr_0288		404.7	423.3	186.2	186.2	252.6	186.2	252.6	365.9	1749.9	1749.9	481.5	481.5	481.5
Bbr_0289	valS	2985.9	3515.4	2610.6	3574.3	1907.8	4274.6	1831.4	7834.5	2150.7	4211.3	3020.6	2181.5	2417.8
Bbr_0290		308.6	329.5	263.7	310.6	245.8	308.3	301.3	485.7	861.8	537.7	325.0	1205.1	384.4
Bbr_0291	nth	783.5	758.0	711.7	870.9	717.2	1172.0	721.2	528.0	2688.3	1714.8	1119.0	5040.9	1123.5
Bbr_0292	glnR	3498.2	2939.6	3022.6	2738.9	5008.0	4053.7	4414.7	7777.5	5772.6	5391.0	7111.7	2569.8	4047.6
Bbr_0293		5424.4	3819.7	5712.7	3794.7	8100.6	3184.3	7072.3	6815.5	2692.2	2852.3	2554.5	3691.6	5259.4
Bbr_0294		4031.9	2572.4	3053.7	1941.3	2965.8	2781.2	2686.1	1265.2	2369.0	1661.7	1448.0	2044.1	2759.1
Bbr_0295	ppa	17217.1	14357.9	18549.5	10493.0	10406.5	10493.0	9200.0	1985.2	11050.4	9438.3	13959.9	4596.5	13069.2
Bbr_0296		2146.6	2136.8	1996.8	1463.4	1493.6	1473.8	1938.2	388.2	2303.2	1771.8	1983.7	1015.1	1974.1
Bbr_0297		32.7	26.9	25.9	34.2	18.3	37.8	159.5	409.2	409.2	241.7	10.3	32.1	91.7
Bbr_0299		57.6	81.4	39.6	144.1	148.1	2958.0	74.8	1696.9	417.6	744.8	18.8	185.0	126.1
Bbr_0300		32.5	28.9	21.4	31.1	11.0	22.7	24.6	29.5	443.2	813.7	10.0	6.6	90.4
Bbr_0302		1875.8	1425.2	1260.1	1153.4	3208.5	1603.5	2695.4	21652.7	2087.3	1032.4	1640.8	1501.9	2128.0
Bbr_0303		821.3	462.7	752.6	292.6	434.2	1021.1	472.0	668.5	1765.9	865.3	493.3	300.8	789.9
Bbr_0304		813.8	445.3	701.5	213.2	477.5	373.2	617.5	172.1	1298.7	359.8	386.5	140.0	715.9
Bbr_0305		821.6	322.5	767.6	135.4	912.1	92.8	823.2	218.9	1009.5	984.2	337.5	337.5	886.4
Bbr_0306		732.2	302.5	629.0	189.9	618.7	234.5	664.5	664.5	1354.9	322.0	556.9	281.7	789.5
Bbr_0307		821.8	574.6	709.5	544.4	430.3	704.6	517.0	653.4	2039.9	1144.0	661.9	319.2	863.4
Bbr_0308		1160.8	869.8	1096.3	769.2	880.9	645.6	979.8	861.5	2234.2	1137.7	1036.3	627.8	1231.4
Bbr_0310	lacZ3	114.9	104.7	56.6	51.1	146.7	199.5	154.3	401.2	785.2	288.4	56.0	28.1	218.9
Bbr_0311		100.9	84.5	76.1	66.2	156.8	156.8	85.8	490.3	557.1	468.3	34.1	56.2	152.6
Bbr_0312		97.8	66.6	78.5	52.6	96.1	107.2	136.8	447.7	1091.0	682.3	36.8	287.5	256.5
Bbr_0313		55.4	55.8	41.2	47.8	56.5	207.4	74.9	988.8	519.2	4410.0	18.8	16.7	127.7
Bbr_0315		15.6	21.6	14.6	11.6	29.7	9.4	17.1	25.7	461.8	244.0	9.5	5.5	88.4
Bbr_0316		79.0	67.3	66.0	54.7	86.5	131.1	81.5	168.9	644.7	485.9	33.5	18.7	165.2
Bbr_0317		136.5	111.5	92.6	102.4	92.6	137.6	155.2	396.9	1035.5	625.7	41.3	34.5	263.4
Bbr_0318		148.0	155.2	140.6	176.7	155.2	311.5	142.6	236.6	515.7	838.4	49.2	28.4	191.9
Bbr_0319		1782.1	1959.7	1663.5	3326.4	18392.8	2311.9	99287.8	2819.3	5211.1	2328.0	36827.9	2094.5	2094.5
Bbr_0320		4710.9	4903.7	3882.3	6273.5	3527.9	36848.4	2973.9	173792.9	5216.8	6295.7	6628.3	74243.3	4490.2
Bbr_0321		115.4	101.4	107.8	98.9	195.5	126.6	126.6	95.0	560.2	7893.0	96.1	230.7	233.6
Bbr_0322	metA	544.6	675.1	451.0	291.3	764.7	434.4	360.3	275.0	1183.4	1086.1	616.9	1474.4	574.6
Bbr_0323	atpB	9555.3	13413.2	9243.6	16683.1	7747.3	16574.7	6787.4	5758.7	12495.9	5378.0	6315.0	10117.9	8690.7
Bbr_0324	atpE	36265.9	46383.6	42623.7	43500.2	33682.5	18654.4	26036.2	5341.4	26233.5	9345.1	29830.1	25744.6	32445.3
Bbr_0325	atpF	36292.8	45614.0	46139.7	45932.5	32878.2	20630.2	26792.9	6043.6	32073.9	11665.7	36060.4	32006.6	35039.6
Bbr_0326	atpH	33185.1	41371.3	39960.7	41370.3	42075.2	21951.5	23901.6	10170.3	21997.1	8296.6	33341.3	32460.7	30651.2
Bbr_0327	atpA	36117.8	47014.8	46978.8	51095.5	36848.9	21496.7	36231.7	11408.3	31443.7	9918.7	36991.6	35968.7	37752.1
Bbr_0328	atpG	27453.8	35374.4	32329.8	39225.5	39225.5	22620.1	14063.4	4454.2	20673.6	7898.1	27382.6	24336.2	24336.2
Bbr_0329	atpD	22437.3	28428.4	23266.6	30439.4	16294.2	10634.3	12125.0	3977.1	19286.5	7994.3	31962.2	20895.3	20895.3
Bbr_0330	atpC	8161.7	12173.9	8604.9	15604.9	6686.8	4983.3	6554.0	3684.4	8306.5	4152.3	11933.9	11781.7	8374.6
Bbr_0331		872.7	1019.6	683.4	975.1	580.8	702.7	606.0	334.6	2094.5	1349.4	1646.5	932.2	932.2
Bbr_0332	fkpP1	7695.3	5835.1	1440.6	1327.9	726.2	310.9	826.7	265.3	2803.8	3176.9	1981.7	1406.0	2579.0
Bbr_0333		2167.0	1888.0	2120.2	1195.1	1390.9	1165.6	1165.6	384.3	2684.1	4452.6	2127.9	3878.7	1871.3
Bbr_0334		2505.1	2425.6	2105.6	2677.0	1271.8	1098.1	1333.4	472.1	4129.8	5567.0	2629.0	3959.4	2329.1
Bbr_0335		5510.2	5635.2	5635.2	6526.7	3594.7	7319.0	2739						

Bbr_0337		151.3	143.9	167.0	213.2	141.7	421.5	192.3	810.0	678.4	790.3	42.3	118.2	228.8
Bbr_0338	psp1	1367.1	1150.8	1080.8	460.1	937.3	334.5	1107.9	684.8	724.7	702.3	683.8	258.2	983.6
Bbr_0339	plsC1	2657.2	2978.3	2273.8	2099.0	1640.8	647.4	1926.7	2352.7	1851.8	1394.8	1391.9	398.4	1957.0
Bbr_0340	gpsA	1371.7	1311.0	1097.1	804.5	887.8	924.9	887.8	296.3	1397.1	1441.3	1313.9	449.1	1145.4
Bbr_0341	ddlA	1864.6	1959.9	1516.5	1371.8	1171.5	493.8	1397.8	1148.3	1752.7	1669.4	1660.1	1006.1	1560.6
Bbr_0342		131.7	147.9	91.4	108.2	61.0	144.4	94.7	163.7	666.8	467.2	121.0	217.3	197.9
Bbr_0343		48.0	57.4	45.6	53.8	85.1	23.7	75.4	107.8	905.4	252.1	27.8	53.7	197.9
Bbr_0344		56.1	60.9	45.0	49.6	43.6	51.2	64.0	66.2	330.7	286.2	21.4	25.9	93.5
Bbr_0345		60.9	60.3	41.6	36.3	54.8	25.5	75.1	81.7	317.2	270.1	16.6	15.6	94.3
Bbr_0346		280.1	248.6	225.5	180.3	212.5	273.8	279.8	662.8	1039.3	846.2	196.5	199.6	372.3
Bbr_0347		2375.5	1486.3	2182.0	1344.7	3421.1	1239.3	2224.7	4388.5	2584.4	3238.8	955.6	428.6	2290.6
Bbr_0348	ansB	2424.2	2865.6	2110.3	2945.8	2164.3	944.1	2738.8	1477.8	3256.7	4364.8	1656.3	594.5	2391.8
Bbr_0349		296.1	209.0	259.3	72.4	403.9	31.1	334.9	252.4	411.1	598.2	189.3	79.1	316.1
Bbr_0350		756.1	632.9	584.8	280.6	375.6	168.2	423.8	463.4	1845.5	1140.2	703.3	257.6	781.5
Bbr_0351		1424.3	1118.2	1339.1	585.0	771.3	239.7	934.8	290.0	1697.9	1682.2	1437.5	423.4	1267.5
Bbr_0352		190.0	211.5	146.1	121.8	464.7	160.5	1164.7	207.4	2077.4	554.1	111.3	128.4	467.9
Bbr_0353		99.1	109.4	81.7	47.5	116.6	69.4	166.2	210.1	769.0	206.9	94.9	40.5	221.3
Bbr_0354		237.6	210.6	225.2	144.9	260.8	73.5	407.1	185.3	1436.6	416.3	306.8	107.9	479.0
Bbr_0355		85.6	88.8	71.8	49.8	61.7	62.3	79.2	1189.4	383.6	47.0	75.3	255.8	
Bbr_0356		299.9	286.3	269.0	303.1	287.0	280.3	353.1	781.2	1266.3	1195.0	300.4	972.7	462.6
Bbr_0358		809.5	720.0	719.8	871.4	694.3	1117.1	864.1	389.1	2407.4	5909.3	399.3	435.5	982.4
Bbr_0359	ogt	449.2	488.7	409.7	368.1	252.4	282.1	301.4	892.9	666.6	871.9	344.1	224.8	403.9
Bbr_0360		382.6	328.3	306.5	297.3	262.3	297.2	314.8	811.1	924.9	852.1	210.1	269.4	400.2
Bbr_0361		28.4	20.4	18.3	22.3	32.0	44.1	42.8	181.1	1072.6	278.5	9.4	65.2	200.6
Bbr_0362		62.0	90.6	72.7	142.6	64.1	257.4	87.9	498.9	1019.3	698.0	62.9	67.0	228.1
Bbr_0363		1437.3	1254.3	1215.7	994.9	976.4	955.6	1160.0	2035.4	2600.8	2138.0	762.9	4029.7	1358.9
Bbr_0364		372.2	289.2	371.3	350.6	341.1	591.7	347.7	1695.0	708.3	376.6	348.6	1449.1	415.0
Bbr_0365		325.2	115.3	315.1	293.8	171.3	315.1	187.7	36.7	1187.7	1477.4	1037.4	429.3	429.3
Bbr_0366		1484.5	648.9	1281.4	323.8	709.5	563.2	752.3	985.3	1295.8	1252.0	5334.5	2877.9	1809.7
Bbr_0367		147.7	103.3	121.3	73.6	130.8	130.8	173.5	536.7	1055.6	920.9	283.7	489.8	353.6
Bbr_0368		676.1	279.4	598.3	86.8	945.3	178.7	1032.6	1143.3	1054.5	430.6	713.6	683.5	836.7
Bbr_0369		1488.6	1541.3	1227.7	1462.9	869.0	1321.6	617.0	617.0	1380.7	2072.5	995.2	637.9	1135.3
Bbr_0370	rpsO	15198.6	11921.2	14339.9	12288.7	17059.7	20911.6	15406.9	36685.5	12558.3	11882.7	10355.8	10810.1	14153.2
Bbr_0371	pnp	437.8	2817.6	3841.3	2595.5	2492.9	1936.2	2292.2	664.2	7817.6	11097.6	7627.7	7972.6	4741.4
Bbr_0372		34.8	36.0	24.1	35.0	24.1	45.5	35.0	32.7	589.2	90.1	10.1	7.3	119.9
Bbr_0373		43.3	51.3	34.8	47.4	47.7	59.7	69.8	452.3	611.6	545.2	9.9	9.7	136.2
Bbr_0374	lemA	1583.7	1223.8	1318.9	454.3	1359.2	161.2	1742.7	617.7	1029.3	631.5	1701.3	289.3	1455.9
Bbr_0375		387.8	242.8	322.4	80.2	238.2	81.0	295.3	192.8	589.4	273.2	433.4	212.0	377.8
Bbr_0376		29.6	25.2	14.6	22.9	25.7	45.6	35.4	297.3	546.7	349.9	21.7	93.3	112.3
Bbr_0377		3315.4	3525.7	3039.5	2371.6	1809.4	1755.1	1060.6	1476.0	4607.8	5481.8	3149.6	1408.3	2946.1
Bbr_0378	iumH1	730.9	731.5	661.4	514.2	594.8	260.6	627.9	252.4	1274.6	2054.4	1079.2	504.7	828.1
Bbr_0379	rimM	2452.5	2747.4	2216.2	2939.8	1524.9	4228.9	1291.5	1165.1	3114.0	2185.4	2667.0	3641.1	2356.2
Bbr_0380		14940.6	14410.0	13931.9	13831.9	28176.1	8038.2	26444.4	9437.4	8099.3	11642.4	11108.7	5946.6	17116.4
Bbr_0381	rpsP	30459.2	26207.9	32942.2	31111.4	17144.3	28704.1	11928.1	32071.1	43330.0	40862.6	20283.3	32691.8	32691.8
Bbr_0382		1459.2	1733.5	1365.6	2659.2	2457.6	1281.8	2140.1	1447.0	3803.5	2605.8	1529.8	2409.7	2126.0
Bbr_0383	ffh	1537.0	1847.5	1526.9	2961.2	1095.8	937.1	1960.4	502.8	1960.4	3439.7	1649.7	1682.6	1446.6
Bbr_0384		168.1	138.3	145.6	154.1	108.1	334.1	140.9	448.5	1224.8	928.2	238.2	1789.7	337.6
Bbr_0385	cysS	1248.6	1487.3	1117.5	1446.0	611.1	364.7	641.9	231.4	1323.4	1649.2	1526.2	594.3	1078.1
Bbr_0386	guaA1	1892.2	2472.6	1828.9	2410.4	2587.3	1169.5	2441.1	3618.5	2532.0	2297.7	1554.5	843.8	2138.3
Bbr_0387		916.0	969.0	801.2	973.8	672.3	177.7	818.0	577.3	1049.9	1631.7	796.1	371.8	842.2
Bbr_0388		637.9	902.4	534.8	875.4	692.6	2229.9	644.0	1773.7	1444.5	1179.8	528.3	788.3	747.0
Bbr_0389		982.1	1502.4	790.8	1441.1	498.9	3701.5	457.2	1932.6	1752.1	1465.8	657.0	966.2	856.4
Bbr_0390	ilvN	2455.1	2481.3	2062.4	2315.8	2773.6	1068.2	3002.6	1277.6	2788.5	2404.0	1779.3	1179.4	2476.9
Bbr_0391	ilvB	2911.3	3151.7	2935.1	3831.3	2786.3	1557.5	3054.4	1168.2	2207.9	2362.3	2061.6	1853.4	2659.4
Bbr_0392	mcS	1968.0	1720.5	1793.1	1515.8	999.6	2481.4	937.5	704.5	1748.5	1423.5	1480.4	2328.6	1487.8
Bbr_0393	rpmF	16326.6	15031.4	15179.5	17411.0	25738.5	37299.7	22107.6	93062.0	13598.0	12240.7	18375.0	9693.6	18553.0
Bbr_0394		2728.4	2426.4	2368.0	1902.7	1676.5	625.1	1694.9	489.2	2274.3	1933.6	2275.4	1281.8	2169.9
Bbr_0395		1724.1	1542.1	1650.2	1069.1	133.7	1649.3	324.3	324.3	1176.5	1541.5	1747.4	329.8	1718.1
Bbr_0396	coaD	2792.9	2688.7	2367.8	1711.5	1495.6	508.5	1604.8	1160.5	3291.9	2090.7	2013.6	362.8	2261.1
Bbr_0397		4426.9	4348.0	3901.3	3993.9	4009.7	3919.7	3732.1	6999.2	2206.3	2759.4	2017.5	1663.2	3382.3
Bbr_0398		966.8	1311.0	881.3	604.8	710.6	183.8	794.8	428.7	1234.0	934.2	518.3	389.5	851.0
Bbr_0399		376.5	723.3	299.4	900.8	327.0	1676.6	416.5	1851.7	1417.3	1178.0	252.3	1116.1	514.8
Bbr_0400		941.9	1066.8	839.6	894.5	505.3	281.8	628.5	430.8	1598.5	1013.7	719.5	283.9	872.2
Bbr_0401	pncB	1931.5	1811.9	1467.1	1989.6	1547.2	593.8	1336.1	1467.1	593.8	2047.7	2188.3	977.3	1635.7
Bbr_0402	rph	2980.6	2969.9	2581.0	2686.4	2089.5	1020.5	2536.0	816.3	2667.5	3367.2	2386.0	1821.6	2540.1
Bbr_0403		2978.3	3093.5	2721.1	2756.5	2062.2	608.9	2435.6	702.8	2527.8	2835.7	2116.1	1773.6	2473.5
Bbr_0404		167.5	200.0	147.8	186.2	105.4	162.1	131.5	246.9	575.5	584.1	204.0	402.0	221.9
Bbr_0405	gpi	22655.0	21945.8	23553.5	13185.8	38273.1	4673.6	42215.3	7651.5	14481.6	7395.2	20580.5	10008.4	26956.5
Bbr_0406		919.4	1016.4	775.2	866.2	670.6	781.3	847.2	1407.5	982.4	1533.2	2972.9	363.5	763.0
Bbr_0407		1100.9	1166.2	844.5	843.2	536.4	563.2	625.7	581.0	1361.2	1496.7	524.6	475.4	832.2
Bbr_0408	rpsI	11688.2	12054.8	11779.5	14895.4	19184.3	21132.0	1335.3	23407.8	25773.3	25773.3	14153.3	10223.9	14153.3
Bbr_0409	lepB	1551.3	1638.6	1265.0	1047.4	1283.2	833.2	1248.9	1248.9	2574.4	1988.4	1654.2	158.6	1658.6
Bbr_0410	mhB	446.3	456.5	379.4	355.7	364.2	112.8	416.2	188.0	1304.9	885.6	481.8	523.7	565.5
Bbr_0411		784.7	692.6	698.8	479.7	636.2	325.3	585.7	768.9	1875.5	766.4	594.5	678.9	862.6
Bbr_0413	fadD1	1581.0	1742.2	1583.8	1525.6	999.7	994.1	1180.0	987.4	1397.7	2562.3	875.0	695.7	1269.5
Bbr_0414		10.8	11.2	12.4	6.3	11.5	6.3	14.7	33.1	703.3	361.7	8.3	11.8	126.8
Bbr_0415		76.7	96.6	57.7	57.7	57.7	48.2	65.7	149.1	516.9	472.5	88.0	93.3	143.1
Bbr_0417		682.2	767.1	422.2	684.5	564.8	664.5	756.3	245.0	1848.0	1181.6	128.4	83.3	625.9
Bbr_0418		4723.7	7323.1	4060.4	4860.1	3944.9	15151.3	3342.5	18487.5	2611.3	3430.6	1941.8	677.3	3437.4

Bbr_0505		646.4	924.9	555.7	711.0	603.4	147.1	670.3	602.0	1923.8	1521.5	532.5	337.8	822.0
Bbr_0506		3188.6	3403.5	2920.4	3110.2	2554.4	4920.4	3255.3	31656.1	3587.7	4048.0	1965.1	1981.8	2911.9
Bbr_0507		1492.6	1584.1	1227.5	1107.6	796.2	708.0	874.7	452.6	1334.4	1646.2	820.7	747.4	1091.0
Bbr_0508	dapB	2529.2	2871.3	2712.8	2547.9	1915.5	1209.5	1792.7	1809.3	2714.7	2313.7	1310.6	2465.9	2018.2
Bbr_0509	dapA2	11921.7	11574.2	9645.6	9817.0	10360.8	5714.4	9876.2	5599.2	8724.1	9054.7	7587.2	4645.1	9685.9
Bbr_0510		3224.3	3724.1	2986.7	2986.7	3566.6	1854.9	408.1	318.5	3062.4	4532.1	3485.5	2579.8	2759.4
Bbr_0511	papN	3946.3	4470.8	3448.9	3465.2	2278.9	363.7	2650.2	671.8	4984.3	5943.4	4982.0	3960.3	3698.4
Bbr_0512	mrsA	7738.2	6977.0	7039.6	5375.0	6382.7	2296.4	6010.7	3150.8	5167.0	3669.9	5750.6	4060.2	6348.2
Bbr_0513		3607.3	3151.2	2921.7	2141.8	1671.1	809.1	1614.5	466.6	2645.4	2255.1	3043.3	2289.7	2583.9
Bbr_0514		1192.5	946.6	1092.1	855.8	1276.2	524.2	1201.7	1324.1	1857.2	1805.1	1335.0	1354.0	1325.8
Bbr_0515	prfB	1989.1	2068.6	1858.1	2588.0	1154.6	2145.5	1240.3	1240.3	4707.6	10857.9	2561.2	3995.7	2251.8
Bbr_0516	ftsE	2535.4	2801.1	2603.6	3629.6	2131.7	1080.6	2386.1	945.1	3653.4	8670.9	3014.2	3232.2	2720.7
Bbr_0517	ftsX	2094.4	2372.8	1924.8	2629.0	1003.8	732.4	1025.4	353.7	3596.6	7964.1	2812.4	2727.6	2076.2
Bbr_0518		9297.1	6679.2	8744.8	5347.4	8948.9	2651.1	8619.3	2748.2	7155.4	13293.4	6118.3	13210.6	8147.3
Bbr_0519	smpB	1972.8	2353.7	1952.7	2632.6	1237.8	3953.6	1349.4	6501.9	2076.5	3388.6	1380.1	5147.3	1661.5
Bbr_0520		256.0	377.0	238.7	306.8	399.9	465.8	438.2	709.1	735.4	1011.7	283.5	1015.8	391.9
Bbr_0521		1246.8	1502.2	1077.1	1364.9	1666.3	3125.9	1605.2	4786.1	2789.6	2436.8	2469.4	5537.8	1809.1
Bbr_0522		908.2	1144.6	930.2	1125.1	935.3	520.7	1313.5	709.2	904.1	1217.7	967.6	856.5	993.2
Bbr_0523		1189.1	1438.3	1058.7	1200.8	1149.8	546.9	1405.7	1243.7	1070.1	1288.2	1119.2	986.8	1165.4
Bbr_0524	glmS	1809.6	1852.3	1667.5	1522.4	998.6	752.9	1180.2	1017.1	2341.2	2545.8	1674.0	2010.2	1611.9
Bbr_0525		125.2	128.1	103.8	124.3	95.8	32.2	110.6	46.2	651.6	770.2	202.3	520.9	213.2
Bbr_0526		282.9	388.8	239.6	242.7	181.5	332.7	251.9	207.3	942.3	1226.3	221.8	85.9	353.3
Bbr_0527		4677.3	7392.6	4199.5	5055.5	7486.0	14797.4	6934.4	28714.6	2661.1	3424.8	1679.2	642.6	4639.6
Bbr_0528		3250.1	3982.5	3057.9	2988.8	2186.8	3785.9	1929.2	1013.5	2208.7	2793.7	1935.6	1190.0	2428.1
Bbr_0529	lacZ5	3828.3	6074.4	3635.8	4273.5	4303.5	6238.3	3690.2	1430.4	1537.0	3763.5	1786.8	1034.7	3130.3
Bbr_0530		4698.9	5399.1	4085.9	1519.2	3225.5	4597.8	2876.5	1684.2	2085.5	1985.9	4556.5	2302.0	3588.1
Bbr_0531		402.2	349.3	301.6	242.5	196.6	196.1	260.7	62.0	931.8	1602.1	475.7	470.5	428.1
Bbr_0532		532.3	753.2	442.6	536.1	268.8	424.3	298.8	1615.8	753.2	3622.9	436.9	491.1	614.5
Bbr_0533		908.0	2200.6	926.7	3707.1	1063.1	2957.7	949.6	1567.0	6267.4	37605.9	1021.1	1324.3	1854.3
Bbr_0534		1227.5	1297.0	1101.4	1319.5	1299.6	677.2	1376.6	1376.6	2238.0	6661.1	707.0	640.0	1112.7
Bbr_0535		1332.7	1215.3	1163.8	1132.9	736.5	204.5	905.8	425.5	2233.9	3695.8	622.2	367.1	1165.8
Bbr_0536		864.3	792.6	673.9	641.1	568.6	69.6	687.3	133.2	1121.4	2758.2	450.2	213.3	727.6
Bbr_0537		881.2	758.3	789.5	640.9	724.8	122.4	799.7	201.1	1359.9	2290.8	523.3	219.9	846.4
Bbr_0538	cysK	552.3	440.7	535.1	491.6	438.4	639.9	519.0	1191.5	338.1	527.2	242.0	2140.7	437.5
Bbr_0539	metE	125.0	125.7	103.8	125.7	75.3	67.4	99.1	67.4	423.2	423.2	106.0	704.9	556.0
Bbr_0540	recO	443.2	375.0	411.4	268.9	431.7	91.2	488.7	417.7	593.1	878.1	319.2	357.4	447.9
Bbr_0541	luxS	8242.0	7616.0	8008.9	8801.0	6256.5	8254.6	5451.2	2633.2	4522.1	14517.7	3844.0	719.3	6054.1
Bbr_0542	cysE	1808.8	1741.3	1619.4	1784.2	982.4	1991.9	879.2	484.3	2160.3	4190.3	1218.0	402.7	1444.7
Bbr_0543	aap1	210.8	383.4	199.1	556.5	166.8	529.4	165.6	934.7	883.9	1323.9	406.7	173.1	338.8
Bbr_0544	air	1100.9	1424.4	948.8	1147.2	500.0	296.0	549.5	255.5	1261.6	1399.4	1233.7	728.5	932.4
Bbr_0545	dgt	595.5	413.8	510.1	238.5	345.0	63.2	463.2	141.9	614.1	878.7	420.4	316.8	491.4
Bbr_0546	dnaG	367.1	401.0	275.6	336.1	162.4	95.5	217.1	165.8	1606.0	626.8	472.3	626.8	389.6
Bbr_0547		487.1	610.1	411.8	571.8	582.7	1424.1	652.2	196.3	1244.9	1893.1	489.2	3276.8	644.6
Bbr_0548		302.6	345.7	283.6	347.1	370.4	816.0	428.0	5472.6	1169.3	1364.6	236.4	1330.6	465.1
Bbr_0549		1568.0	2664.9	1503.1	1533.8	787.9	283.9	911.0	887.5	1454.7	870.2	2201.3	1476.7	1404.3
Bbr_0550		1522.3	2562.7	1285.5	1148.4	839.2	258.1	1147.7	808.1	1861.0	905.8	1809.6	1209.3	1410.9
Bbr_0551		282.0	302.5	197.4	164.5	179.4	98.5	258.3	273.4	658.1	785.8	170.0	119.0	290.9
Bbr_0552		1459.9	1401.2	1148.1	1093.5	609.2	1429.3	907.4	5650.0	2727.4	3350.9	406.2	572.7	1313.6
Bbr_0553		16020.9	14389.9	14256.4	11740.2	11767.2	20680.2	10793.9	30434.9	16539.7	13336.0	13745.3	23813.6	13853.9
Bbr_0555		26.3	29.9	30.8	40.8	22.2	111.9	29.2	359.0	301.9	456.4	18.5	161.1	71.5
Bbr_0556		62.6	66.9	49.1	57.7	41.2	127.5	54.5	149.8	678.1	325.6	79.7	557.6	160.9
Bbr_0557		1441.0	1019.5	1250.5	202.6	1138.8	101.4	1306.2	263.4	612.9	457.0	1771.3	851.3	1253.5
Bbr_0558		1535.7	1158.8	1280.6	354.9	1007.1	226.6	1231.0	545.4	1001.7	570.9	1547.6	848.2	1267.3
Bbr_0559	agl4	1805.2	1413.5	1441.5	451.1	782.8	353.7	776.8	776.8	1651.9	627.4	1819.0	1297.0	1402.4
Bbr_0560	dppA1	496.1	762.1	406.0	454.8	275.7	244.2	313.2	655.8	1656.5	478.8	951.7	350.7	683.2
Bbr_0561	msrA2	204.0	286.9	176.7	226.3	132.2	322.2	182.9	1167.4	492.2	925.2	330.3	286.5	253.1
Bbr_0562		2116.5	696.2	1774.0	196.1	1175.3	169.4	1367.6	196.3	1203.7	436.0	1923.9	1538.8	1593.5
Bbr_0563		2283.0	730.7	2106.7	197.3	1010.8	118.9	1136.0	150.0	954.6	447.2	2620.1	2384.6	1685.2
Bbr_0564		3234.4	1204.7	2807.2	740.2	3282.2	624.2	3911.4	1465.5	2887.4	778.5	3068.0	3435.0	3198.5
Bbr_0565	dxs	942.5	1139.3	862.6	1304.6	595.9	478.4	677.8	524.7	1856.0	1250.4	925.5	805.4	976.7
Bbr_0566	adh3	1092.7	809.9	969.3	532.7	596.3	507.3	702.1	651.7	1072.4	1411.5	650.6	845.0	847.2
Bbr_0567	purE	3025.0	2988.9	2651.5	2438.9	1446.3	1431.5	1439.6	786.8	2448.0	2942.3	2772.2	1959.3	2297.1
Bbr_0568	purK	4173.9	4365.0	3582.8	3546.3	2830.5	2147.4	2444.4	2114.5	2599.3	2512.2	4027.8	3213.5	3276.4
Bbr_0569		2038.4	1832.6	1457.3	1457.3	1414.3	1345.9	1414.3	933.3	923.6	2689.7	2768.6	3240.0	2699.0
Bbr_0570		69.0	54.6	54.8	53.1	70.5	106.8	77.8	2195.4	648.3	513.0	26.5	143.8	157.8
Bbr_0572		38.1	41.6	31.1	39.8	30.8	43.4	47.3	45.1	315.6	236.6	29.3	312.7	82.0
Bbr_0573		760.0	927.4	600.2	911.1	395.9	567.3	494.5	583.3	724.2	500.0	601.0	1449.3	596.0
Bbr_0574		386.5	507.7	354.3	486.6	247.1	108.2	332.3	489.2	276.4	413.7	238.1	133.4	305.8
Bbr_0575		917.0	1022.7	822.6	1096.7	453.4	1148.2	512.3	4617.3	615.2	1079.0	366.5	620.9	614.5
Bbr_0576		64.5	70.5	32.1	57.6	43.1	131.3	61.2	403.3	722.9	802.9	23.2	31.3	157.8
Bbr_0579	rpmE1	163.7	153.7	176.2	176.2	139.7	176.2	239.7	241.1	453.3	435.3	314.4	110.1	279.0
Bbr_0579		1466.1	1674.9	1340.8	1817.4	821.6	821.6	2246.3	1657.0	1279.0	927.5	815.3	1271.3	1484.2
Bbr_0580		1655.2	1074.1	1703.8	1018.2	1101.9	308.3	1353.3	438.4	3620.1	3798.7	2348.9	1662.0	1963.9
Bbr_0581	aldH	841.5	434.7	637.4	266.6	564.1	181.2	793.0	244.7	1531.1	2176.4	724.3	948.3	848.5
Bbr_0582	purD	2003.1	2077.0	1683.0	2020.6	1546.5	737.1	2013.5	1896.9	2220.8	2565.1	2342.7	1968.3	1968.3
Bbr_0583	purM	3334.3	3379.9	3457.7	3672.3	1947.9	1369.5	2033.2	687.5	4956.9	4168.2	4117.6	2040.2	3307.9
Bbr_0584	purF	4731.6	6183.8	3960.4	7315.7	2702.0	3526.8	2383.0	517.0	5157.8	5111.7	3711.1	1532.5	3774.3
Bbr_0585		160.1	211.2	107.0	211.2	145.9	437.0	110.5	142.1	2427.4	2427.4	107.0	521.1	359.0
Bbr_0586		707.4	608.6	533.1										

Bbr_0588	129.6	152.0	93.4	123.8	108.9	125.2	133.7	190.7	1469.1	485.7	120.6	252.5	342.5
Bbr_0589	89.2	90.8	69.4	82.3	62.2	413.1	84.9	1620.8	1600.3	937.9	82.0	462.0	331.3
Bbr_0590	22.7	30.4	18.6	26.6	25.8	20.8	44.2	27.4	880.4	361.8	17.8	60.6	168.3
Bbr_0591	231.6	321.1	189.3	359.4	118.3	547.8	163.1	290.8	792.6	398.3	171.9	650.1	277.8
Bbr_0592	18.7	22.9	11.6	23.8	29.1	39.6	20.8	135.8	325.8	349.3	9.7	145.2	69.3
Bbr_0593	207.2	176.1	151.9	174.8	64.8	740.2	194.3	1917.5	906.5	1171.2	96.8	714.8	266.7
Bbr_0594	566.2	600.8	461.7	552.6	608.8	72.9	675.0	144.1	1046.1	694.4	215.0	424.5	630.4
Bbr_0595	345.9	365.8	303.3	262.4	173.0	65.6	216.8	68.6	508.1	644.4	353.7	224.9	316.8
Bbr_0596	585.2	617.2	508.3	493.5	627.5	333.2	731.5	864.5	1398.4	1545.3	731.7	754.2	763.8
Bbr_0597	2076.8	2249.3	1918.8	1900.2	1287.0	853.7	1480.8	1188.3	1852.6	2272.5	4244.8	3336.0	2143.5
Bbr_0598	4754.3	4797.3	4613.8	4102.1	3526.9	1937.9	3617.7	800.0	4361.6	4046.4	6392.2	2159.5	4544.4
Bbr_0599	1979.3	2004.2	1711.7	1642.9	1443.6	1071.9	1574.7	1072.9	1170.1	2742.2	1094.8	862.8	1495.7
Bbr_0600	65.5	72.8	45.2	56.0	66.3	330.5	97.4	6180.0	425.2	417.3	33.2	237.6	122.1
Bbr_0601	900.8	490.6	795.4	307.8	484.3	100.2	611.2	245.0	2104.0	1933.6	1460.7	1952.6	1059.4
Bbr_0602	674.2	732.6	565.4	528.4	284.5	262.3	353.9	83.9	917.3	1007.0	839.0	1443.1	605.7
Bbr_0603	961.6	1440.0	827.1	714.5	739.4	144.5	952.4	456.9	240.4	268.5	806.6	380.5	754.6
Bbr_0604	16109.5	23956.4	18945.0	26283.9	20802.5	21638.3	22245.7	35355.6	10763.8	7921.1	14851.8	20518.4	17286.4
Bbr_0605	17247.1	24970.3	19114.0	27343.2	23540.8	16241.2	19580.3	6981.9	10052.6	6519.0	16572.4	20992.5	17684.5
Bbr_0606	7623.0	13025.0	8568.0	15693.9	6275.5	5900.4	5988.1	1375.6	4270.0	3675.5	8354.1	11081.4	6846.5
Bbr_0607	19193.7	60168.6	109931.0	63653.3	93440.3	42165.1	148879.9	34979.5	128453.1	59221.3	126217.4	74100.0	113145.9
Bbr_0608	1334.6	1000.3	1230.1	615.8	1180.5	1351.6	1472.4	525.6	753.1	1073.6	862.1	3074.7	1105.5
Bbr_0609	847.5	693.4	616.7	548.7	558.3	259.6	713.7	479.7	1089.9	956.4	353.0	1046.3	696.5
Bbr_0610	2857.4	5072.0	2436.2	3551.5	1689.6	754.1	2158.4	1117.4	426.5	379.1	678.4	467.5	1707.8
Bbr_0611	438.5	507.5	394.3	425.6	234.0	683.4	248.9	1105.1	377.1	491.5	1684.3	631.9	562.8
Bbr_0612	635.7	656.9	511.8	565.6	507.3	589.4	559.8	700.5	823.5	583.3	2284.3	924.5	887.1
Bbr_0613	477.6	612.4	412.7	756.2	510.9	3440.0	463.3	4139.2	1062.1	1922.3	1428.8	622.7	725.9
Bbr_0614	785.7	837.2	647.6	589.3	589.6	355.1	784.8	714.3	462.3	614.6	543.4	257.5	638.9
Bbr_0615	620.9	641.4	609.0	463.6	1177.0	462.0	583.5	583.5	374.0	394.4	374.0	132.6	664.3
Bbr_0616	414.3	594.1	333.1	519.6	216.8	1015.8	227.7	589.7	1034.0	1364.1	307.6	1142.2	422.3
Bbr_0617	509.7	697.0	390.0	908.5	723.0	2676.7	720.7	720.7	381.2	537.3	322.2	473.5	450.7
Bbr_0618	187.4	184.6	140.6	136.2	106.1	70.3	130.0	150.6	337.4	497.9	253.4	188.0	192.5
Bbr_0619	166.7	228.5	132.7	197.7	105.0	41.2	138.1	87.1	292.6	315.5	175.7	137.3	168.5
Bbr_0620	120.8	194.0	89.9	138.9	75.3	110.4	98.4	307.3	389.0	382.1	115.0	62.6	148.1
Bbr_0621	164.0	163.1	148.8	163.8	143.8	218.5	196.5	269.7	264.3	441.0	108.7	77.9	171.0
Bbr_0622	459.9	351.0	395.4	351.0	384.5	384.5	384.5	384.5	384.5	384.5	149.9	304.3	391.4
Bbr_0624	391.4	524.2	332.8	508.5	337.1	497.5	406.4	717.1	753.6	642.6	201.6	148.1	403.8
Bbr_0625	697.6	331.8	647.2	389.0	357.6	2553.8	357.6	1706.6	613.0	915.4	110.8	408.3	468.1
Bbr_0626	949.2	630.5	837.9	388.8	654.0	123.9	842.1	127.7	1093.0	1029.3	583.1	430.7	826.6
Bbr_0627	467.3	337.8	409.9	260.9	303.0	79.0	464.6	84.7	704.1	534.5	847.7	310.9	532.8
Bbr_0628	341.3	198.5	332.9	295.3	97.0	67.5	486.4	440.0	506.4	535.2	636.1	325.4	433.1
Bbr_0629	734.8	582.0	570.7	438.5	609.0	262.4	662.0	896.3	729.9	2112.1	467.7	290.4	629.0
Bbr_0630	782.1	674.5	694.5	719.8	694.5	1735.9	631.8	2895.2	2227.3	3941.5	593.7	525.0	921.4
Bbr_0631	8423.0	9705.4	8825.4	10922.2	9500.7	13217.3	5603.7	7089.1	10264.5	8964.7	10190.0	5457.7	8801.3
Bbr_0632	12076.0	12363.2	13100.1	13756.3	34761.1	13359.2	18093.3	14966.7	12951.8	9754.9	11684.5	7188.9	17112.0
Bbr_0633	8216.0	9217.2	8191.1	7541.0	10280.3	3059.3	9699.2	2578.1	9742.7	6542.7	7589.9	3080.5	8953.2
Bbr_0634	4654.5	5216.1	4379.9	5544.8	4778.2	1657.0	4239.1	1889.6	3182.6	3016.4	4133.5	2987.9	4357.7
Bbr_0635	3586.1	3717.1	3238.8	3399.9	2028.3	1006.5	2173.4	753.3	2233.1	2062.3	3199.9	2576.3	2743.2
Bbr_0636	3085.5	2889.5	2700.7	3166.0	812.2	2757.6	3166.0	746.1	2362.9	1706.0	2320.0	2717.0	2686.6
Bbr_0637	390.5	577.2	313.4	517.2	294.6	608.3	339.7	507.6	1014.1	1105.3	404.7	262.1	459.5
Bbr_0638	33.4	35.5	18.8	34.7	140.5	31.3	91.3	1925.0	670.8	318.7	9.0	192.2	143.0
Bbr_0639	201.0	362.1	174.0	236.8	234.2	34.2	266.2	101.3	616.4	429.3	187.1	153.5	279.8
Bbr_0640	676.5	766.4	560.3	556.9	338.3	220.9	397.6	342.0	696.4	863.3	448.0	188.8	519.5
Bbr_0641	158.1	184.6	123.2	146.7	173.4	599.9	202.8	2495.3	861.0	1043.6	133.6	389.6	270.9
Bbr_0642	9578.9	9755.9	8129.0	10092.3	6846.8	3838.7	5825.5	1520.3	4812.4	12025.4	2608.3	932.3	6300.1
Bbr_0643	4725.0	3413.7	3663.9	1474.6	786.5	2318.2	2297.3	657.6	1496.7	2106.5	1433.8	1175.0	2655.8
Bbr_0645	559.7	854.1	562.2	631.4	307.9	361.5	426.6	341.1	544.9	1024.4	967.6	776.4	561.8
Bbr_0646	848.3	918.6	766.8	867.7	738.3	1006.3	752.1	1014.4	1626.0	2027.1	848.4	889.2	930.0
Bbr_0647	751.7	760.7	597.7	505.5	423.7	534.7	261.4	261.4	1411.7	1248.6	1057.8	671.7	796.2
Bbr_0648	1264.6	1312.2	1215.4	1454.6	959.2	736.4	1082.0	811.9	648.6	1805.2	403.4	282.6	928.9
Bbr_0649	511.1	515.5	482.0	485.0	281.2	756.3	388.7	5964.8	687.8	1751.7	396.8	223.1	457.9
Bbr_0650	6404.9	5046.6	7016.9	6371.1	5010.6	5364.9	5403.2	5541.2	4106.2	10521.9	2970.9	1081.5	5152.1
Bbr_0651	3640.8	4072.7	3379.3	3814.4	1035.2	1736.4	1101.0	1101.0	2634.5	3932.0	2166.7	1226.3	2556.3
Bbr_0652	557.6	579.2	463.6	469.7	334.3	216.3	435.2	622.6	628.7	1324.7	361.1	371.3	463.4
Bbr_0653	5051.6	4201.0	4788.0	4932.2	3850.4	1364.7	4402.2	988.3	3287.7	11054.0	2250.7	1964.7	3939.9
Bbr_0654	130.8	153.7	110.7	194.2	100.3	128.8	120.3	120.3	607.2	2669.5	85.1	117.8	192.4
Bbr_0655	2302.3	2739.6	1764.3	2723.0	1419.1	1519.7	1421.6	1702.1	2670.0	3728.1	1969.3	1359.2	1924.4
Bbr_0656	1777.4	1952.0	1589.3	1562.3	1215.4	273.3	1615.8	1615.8	2638.8	2638.8	2030.6	2675.4	1555.9
Bbr_0657	3315.6	3693.7	2933.8	3587.4	2451.4	919.9	2828.7	606.6	1978.2	1880.9	2695.4	2300.4	2700.5
Bbr_0658	2056.9	2453.3	1934.8	2701.4	1663.8	740.9	2126.4	1127.4	1554.0	1495.2	1648.9	1711.2	1830.8
Bbr_0659	939.2	974.3	860.7	1172.8	636.1	167.0	887.6	118.9	942.8	1162.4	764.0	807.4	838.4
Bbr_0660	805.2	856.8	621.6	711.6	621.6	621.6	656.5	621.6	653.7	621.6	653.7	621.6	709.8
Bbr_0661	1368.4	1663.1	1132.7	1328.6	1318.1	425.8	1588.0	704.2	1049.8	1823.7	871.0	1227.3	907.0
Bbr_0662	585.0	519.5	479.4	435.3	423.6	362.0	582.4	131.9	830.0	865.7	923.7	559.1	637.3
Bbr_0663	5859.0	5780.1	5470.9	4715.9	5300.7	3872.8	5794.0	2568.8	4323.3	3267.0	6898.1	4513.2	5607.6
Bbr_0664	448.7	533.8	365.1	568.7	253.6	220.9	342.8	150.3	746.2	1697.8	371.3	259.9	421.3
Bbr_0665	842.4	991.9	753.1	1012.9	466.9	840.5	512.0	1289.0	837.0	2337.3	846.4	608.4	709.6
Bbr_0666	586.1	625.8	469.8	435.5	267.5	118.5	331.5	158.9	623.1	593.3	527.3	205.4	467.5
Bbr_0667	2574.7	2141.2	2265.7	1515.4	3015.9	1515.4	1771.1	3015.9	1771.1	3015.9	1771.1	1572.2	2467.3
Bbr_0668	981.5	982.2	765.5	834.7	516.6	126.2	659.1	213.9	506.4	1474.2	534.3	307.9	660.6

Bbr_0669	mnp	805.6	894.1	632.6	742.5	619.6	639.1	671.7	859.6	725.2	2379.8	924.3	538.5	729.8
Bbr_0670	glnA1	5994.2	8605.2	5333.0	4282.3	3669.3	1123.2	3754.8	1452.4	2579.0	942.2	7167.0	5906.4	4749.6
Bbr_0671		7663.1	7201.7	6461.5	5190.1	10086.8	9245.0	7713.9	7081.6	4978.7	6469.1	4643.2	3771.7	6924.5
Bbr_0672	pdhD	3602.0	2552.6	3382.2	1433.6	2885.6	796.3	3200.1	485.6	2028.3	3765.8	1577.1	842.1	2779.2
Bbr_0673		1011.2	1079.0	878.8	1173.4	537.5	449.5	603.7	146.4	1060.2	2232.3	1872.9	665.8	994.1
Bbr_0674		1677.5	1202.7	1203.7	1677.5	963.3	1435.0	1169.0	1909.0	2132.6	4098.9	1718.8	1724.5	1411.2
Bbr_0675		611.5	809.3	483.7	838.0	483.1	1934.3	583.8	7111.1	1209.6	1554.6	995.2	1689.7	727.8
Bbr_0676		154.2	204.1	109.3	211.1	101.0	90.7	136.3	167.2	333.7	350.2	176.5	247.8	168.5
Bbr_0677		109.4	155.9	86.7	164.2	75.4	34.2	97.7	103.4	247.8	246.5	105.8	102.8	120.5
Bbr_0678		1159.3	1169.1	958.3	1124.8	666.3	583.7	736.4	573.8	1488.0	3928.1	1123.4	943.1	1022.0
Bbr_0679	pheS	2843.2	3326.9	2512.6	3305.2	1521.3	2033.2	1601.8	992.3	4551.5	6391.3	3137.3	1478.7	2694.6
Bbr_0680	pheT	3457.6	3779.4	3326.3	3967.5	3032.3	708.5	2467.1	569.2	3022.7	4389.2	3426.6	2407.8	3122.1
Bbr_0681		1556.1	1521.1	1365.4	1295.7	816.5	127.2	940.5	120.3	1987.0	1904.2	1956.2	1579.4	1437.0
Bbr_0682	argC	2233.4	2739.4	2085.0	2911.2	3361.9	3747.6	2698.5	7312.7	2221.7	3569.4	1994.9	3448.7	2432.5
Bbr_0683	argJ	1733.4	2316.8	1642.9	2639.9	803.1	1033.2	831.9	203.4	1400.0	2263.1	1457.7	1905.1	1311.5
Bbr_0684	argB	1848.4	2600.2	1634.3	2977.3	1203.7	1309.2	1472.6	1630.5	1642.0	2093.9	1785.5	2273.0	1597.8
Bbr_0685	argD	2130.6	2984.1	2098.6	3783.1	1660.2	1411.8	1853.6	1505.6	981.0	1336.4	1091.4	1147.2	1635.9
Bbr_0686	argF	1815.8	2443.3	1630.6	2721.6	907.4	757.7	904.4	609.1	1457.7	1433.3	1725.1	1625.9	1406.8
Bbr_0687	argR	1470.5	2103.9	1319.6	2491.3	926.3	524.4	1164.6	726.6	942.3	1275.5	1015.7	827.2	1139.8
Bbr_0688	argG	1820.2	1904.7	1588.0	1783.8	947.5	1126.9	906.8	311.6	2792.0	2338.1	3301.8	2260.0	1892.7
Bbr_0690		5082.0	6389.7	4744.2	8319.2	11614.3	30768.1	12204.0	106219.2	15027.5	3145.1	1791.2	6971.7	8412.2
Bbr_0691		5143.3	5611.6	4432.7	5546.4	5055.2	14956.4	3209.1	11776.6	17848.0	2623.3	1527.5	4461.9	6202.7
Bbr_0692	argH	1726.9	1769.7	1350.5	1396.0	944.5	1166.1	759.4	357.7	3167.1	4613.6	2347.6	1551.8	1783.8
Bbr_0693	thiS	800.4	896.8	701.2	807.1	448.5	1451.9	487.8	2604.0	1040.3	1965.2	575.1	1542.5	675.6
Bbr_0694	thiG	600.9	635.4	543.4	544.5	776.8	885.0	850.0	813.0	1124.7	1707.7	1235.3	574.0	672.4
Bbr_0695	thiF	483.6	478.6	377.7	355.9	329.4	720.1	416.2	620.0	6745.1	4101.1	345.6	863.5	1449.6
Bbr_0696		99.5	111.7	83.9	68.1	85.2	183.8	113.2	566.5	719.0	863.7	131.2	389.9	205.3
Bbr_0697		1716.7	1636.4	1446.9	1168.1	1195.1	1186.7	1486.7	1723.7	3076.7	5026.7	2030.7	1150.1	1967.3
Bbr_0698		592.4	522.8	509.5	409.9	326.6	126.5	401.6	77.0	1408.9	1905.3	785.3	490.1	670.7
Bbr_0699	tyrS	168.6	156.3	126.9	90.3	98.7	66.2	123.1	157.6	644.8	707.8	134.1	85.8	216.0
Bbr_0700		4183.8	5436.5	3538.6	2801.2	3102.0	1866.0	3352.3	1461.1	3758.4	5278.0	3276.7	2470.7	3535.3
Bbr_0701		3084.4	3523.8	2734.3	1555.1	527.5	1634.5	371.5	2568.2	4327.8	4118.6	3237.8	2615.8	2615.8
Bbr_0702		2049.2	2311.6	1987.4	1921.8	1839.8	416.1	1636.8	702.0	2153.3	3663.8	2281.7	2049.5	1991.3
Bbr_0703		687.5	736.1	553.1	609.7	497.3	119.1	667.1	291.5	1142.2	1666.1	693.5	1025.1	701.8
Bbr_0704		463.9	462.1	301.6	421.0	389.9	301.6	324.9	301.6	324.9	301.6	324.9	301.6	324.9
Bbr_0707		1111.9	1110.9	964.3	1029.9	893.2	1407.9	1061.8	3801.1	1633.0	2314.9	837.3	1165.6	1083.6
Bbr_0708	recN	756.8	754.8	623.2	641.4	517.8	626.9	149.5	1106.6	1672.8	1672.8	661.7	668.8	715.5
Bbr_0709		392.8	380.3	327.4	337.0	303.3	42.4	376.8	189.0	587.6	832.6	330.0	234.1	386.3
Bbr_0711		375.9	308.9	295.6	179.3	403.6	289.0	289.0	3174.5	454.4	569.6	253.6	384.3	317.9
Bbr_0712		484.6	390.9	425.0	312.0	275.2	336.6	327.9	902.2	1419.8	718.2	696.2	532.6	577.5
Bbr_0713		371.5	321.2	293.3	237.5	226.8	178.3	178.3	178.1	907.0	426.8	313.6	238.5	395.8
Bbr_0714		23.5	27.1	30.9	22.0	22.6	20.9	29.5	61.7	556.9	19.5	226.2	6.1	110.2
Bbr_0715	thiC	1661.6	1408.4	1705.8	1400.2	2384.3	1135.2	2287.6	642.5	1772.7	3548.5	1334.5	1005.5	1857.7
Bbr_0716	proA	4079.3	4013.6	3580.5	2651.4	3383.7	499.5	2417.4	499.5	2417.4	3346.7	2468.9	1114.5	3131.5
Bbr_0717		3902.6	3607.8	3394.8	2406.0	2360.4	386.4	2749.2	728.7	2484.6	3476.9	2643.6	1360.5	2922.5
Bbr_0718	nadD	2861.3	2504.4	2664.5	1754.4	1375.6	296.1	1433.3	383.0	3302.2	2830.2	2457.1	1587.4	2349.0
Bbr_0720		5059.1	3757.3	4607.3	3297.0	3341.4	411.4	3865.8	702.3	3461.7	12493.5	2559.2	3061.4	3815.7
Bbr_0721		925.4	826.6	778.2	853.2	643.5	336.4	421.7	1582.4	4144.4	4144.4	581.7	1166.4	885.3
Bbr_0722	pth	962.0	1024.3	773.4	1137.4	580.3	1404.8	603.2	806.7	1923.1	4371.7	1506.3	2202.7	1041.4
Bbr_0723	mfd	300.3	321.4	254.9	246.4	43.3	234.5	237.4	89.4	532.6	705.4	726.5	279.6	391.0
Bbr_0724		430.2	464.2	359.5	276.8	210.5	36.0	246.1	55.7	540.5	656.2	806.1	206.3	432.2
Bbr_0725	eno	51675.7	34758.0	64548.5	37961.4	100473.5	21500.7	112889.7	16004.0	49751.1	38679.2	77809.1	28062.0	76191.3
Bbr_0726		1359.6	1594.2	1238.8	2105.8	1741.9	4842.6	1321.5	488.7	1009.2	1474.4	1209.5	2065.0	1313.4
Bbr_0727		820.2	903.4	755.1	1060.7	956.2	2703.0	1072.4	949.0	1122.0	1110.0	853.1	2600.3	929.8
Bbr_0728		780.5	817.0	667.0	791.6	676.7	1963.9	676.5	568.4	1178.2	1078.8	1160.3	2871.3	856.5
Bbr_0729		325.9	368.7	243.9	335.4	200.1	601.7	231.2	1125.3	564.1	783.1	407.2	786.5	329.7
Bbr_0730	sdaA	558.0	824.2	435.0	476.6	388.4	579.4	492.4	752.1	2392.6	2392.6	795.0	686.3	616.8
Bbr_0731	fkfP	8272.1	7931.6	7569.5	5832.0	7549.5	2751.1	7835.3	3101.9	4870.9	3264.8	5791.3	10177.8	6981.4
Bbr_0732	greA	7557.4	10094.2	6959.3	7104.5	4161.6	2804.9	3809.8	1247.5	1790.0	1976.1	4392.7	11556.8	4778.5
Bbr_0733		275.9	480.8	205.4	342.8	138.9	371.9	160.8	726.9	717.2	845.7	54.9	448.7	258.8
Bbr_0734		3100.5	2794.2	2572.2	2658.4	1640.9	932.7	1777.7	680.4	1942.1	5225.3	1364.9	1648.3	2066.4
Bbr_0735		3363.2	3673.7	2939.7	5505.9	2597.9	10463.1	2535.7	15226.6	2385.0	8186.5	2947.5	3623.8	2794.8
Bbr_0736		142.1	146.5	98.2	106.1	122.7	149.9	159.7	414.5	245.9	574.7	76.9	147.9	139.3
Bbr_0737		3213.3	3281.3	2931.2	2727.5	1632.9	641.4	1620.5	471.6	2178.2	2192.6	1940.9	2866.8	2332.8
Bbr_0739	whiB2	2049.0	1781.5	1670.3	1470.7	1842.8	1167.5	3127.0	3127.0	2682.8	2493.1	1360.0	6192.3	1917.5
Bbr_0739		1742.1	1683.0	1413.7	1420.2	852.7	165.1	1087.0	362.6	1229.0	2317.7	1288.6	1326.1	1268.9
Bbr_0740		940.7	909.9	768.2	731.7	450.0	126.3	517.5	263.8	1064.2	2205.4	1017.7	1012.8	793.0
Bbr_0741		942.7	857.0	804.0	810.6	788.0	828.2	993.8	1765.7	810.4	1889.1	663.1	414.6	833.7
Bbr_0742		904.8	827.8	788.8	753.6	1002.7	914.4	1002.7	1310.2	1061.0	2442.0	431.9	890.6	829.1
Bbr_0743		317.4	326.1	273.3	316.6	157.0	489.3	183.0	396.7	722.3	1399.2	176.0	549.4	304.8
Bbr_0744		1611.1	1381.4	1451.1	1481.1	1800.0	1616.9	1616.9	1708.0	202.6	1170.7	141.9	1659.9	1708.9
Bbr_0745		7149.6	5922.1	6155.9	4178.3	9007.5	2340.5	9007.5	7276.4	4424.6	3656.5	5931.9	4241.8	6797.4
Bbr_0746	glgB	3480.7	2430.6	3150.0	915.6	2592.5	246.2	3337.9	746.1	1768.3	1728.7	3934.3	2498.3	3044.0
Bbr_0747		2200.5	2749.1	1934.5	3443.7	6973.6	9379.9	1789.7	1572.8	2012.8	2012.8	1581.2	1659.2	1844.0
Bbr_0748	ispF	993.1	1306.6	878.0	2185.0	887.6	3505.2	954.3	2654.1	991.8	1441.6	778.2	1016.0	913.8
Bbr_0749		1383.4	1601.5	1242.2	1710.7	710.4	273.8	880.2	347.9	1065.3	627.1	1511.4	876.0	1132.1
Bbr_0750		1970.4	2440.5	1786.3	2683.0	1439.9	327.4	1928.7	296.2	1283.2	700.6	1866.8	1064.7	1712.5
Bbr_0751		1977.9	1749.0	1749.0	1141.0	1587.9	1141.0	2035.6	707.6	2035.6	2859.7	1006.0		

Bbr_0753	rrsA	14059.4	13072.8	16426.7	11469.4	10887.5	2360.1	10055.4	2502.9	15819.2	14414.2	34340.8	15553.3	16931.5
Bbr_0754	coaE	486.4	419.4	241.2	340.1	275.7	214.9	207.5	207.5	433.4	942.8	588.2	224.7	405.3
Bbr_0755	uvrB	614.5	577.6	518.6	398.0	405.9	67.3	505.6	226.3	764.8	1289.2	654.4	207.9	577.3
Bbr_0756	terC	2139.4	2286.9	1971.4	2071.7	1739.4	500.7	2136.3	320.7	2135.4	3067.8	2291.9	815.2	2069.0
Bbr_0757	pyk	9050.9	7695.5	8622.1	7053.1	6799.5	2333.2	6555.2	2454.0	5757.4	5100.8	9423.0	5891.1	7787.9
Bbr_0758	aspA	14225.0	11687.5	13074.0	9598.0	11054.7	5498.6	4798.4	4798.4	6901.6	10188.8	8642.9	10188.8	10493.4
Bbr_0759		4879.5	4164.9	4216.4	2965.6	2965.6	5090.4	2512.1	1605.9	2964.0	4063.0	3365.1	4821.1	3528.7
Bbr_0760	polA	1475.3	1096.4	1312.0	790.8	805.0	134.5	2807.2	7194.0	1293.4	1195.0	1416.1	1501.8	1518.2
Bbr_0761		1482.8	1581.3	1373.1	1338.0	707.5	397.6	767.8	389.5	1463.3	2633.3	624.9	1390.5	1069.9
Bbr_0762		1642.1	1883.2	1614.0	1737.2	1341.5	806.8	1532.3	1930.0	1438.2	2554.0	740.6	940.1	1384.8
Bbr_0763	glgX1	2272.7	2213.0	2036.9	1468.7	1127.0	229.5	1247.0	168.1	1368.5	1943.0	1203.7	760.0	1542.6
Bbr_0764		1222.6	1180.1	1060.7	1089.6	1204.2	231.2	1738.4	664.2	1652.7	1961.3	720.1	830.6	1266.4
Bbr_0765		2616.5	770.0	2266.5	384.8	1597.9	524.1	1816.6	1490.6	673.7	1441.8	543.3	396.3	1599.1
Bbr_0766	aspA	3330.5	959.9	2948.9	472.5	2305.8	430.0	2930.5	1001.3	2789.5	5213.5	650.1	389.1	2492.2
Bbr_0768		93.1	70.0	71.8	54.7	56.9	166.2	66.2	268.7	743.0	422.7	80.6	310.3	185.3
Bbr_0769		508.7	691.5	419.3	559.2	399.1	261.7	496.6	343.7	769.6	852.3	231.5	142.4	470.8
Bbr_0770	aroA	403.9	501.8	303.8	473.4	276.7	237.7	316.5	339.4	577.7	773.5	370.8	244.7	374.9
Bbr_0771	ack	11927.8	11905.3	11662.4	9569.0	7453.4	3352.1	6754.4	1216.8	11883.2	8934.7	16663.0	8901.4	11057.4
Bbr_0772	pta	3551.3	2348.3	3490.0	854.1	3877.6	1131.7	4074.5	926.4	1153.0	1413.5	2159.5	1510.3	3051.0
Bbr_0773	prsA	8351.6	8496.3	7660.3	8205.8	9790.9	10518.5	9262.3	13373.1	11132.9	18319.5	7633.4	5406.0	8971.9
Bbr_0774		655.4	1331.4	554.2	1751.0	401.2	543.9	534.4	402.4	1148.2	1973.3	830.0	556.7	688.7
Bbr_0775	guaA2	3982.5	4807.2	5633.1	4535.4	3013.0	1658.7	3510.3	1169.6	3910.6	3190.9	4833.4	4271.9	3802.2
Bbr_0776		47246.1	39040.1	56275.7	36119.8	56141.0	5936.3	58507.1	7114.5	31987.2	20325.0	60579.1	33353.1	51789.4
Bbr_0777	glmJ	1965.3	1968.8	1698.0	2063.6	1287.2	1122.4	1370.0	1665.7	2112.4	2137.9	2928.7	2230.1	1893.6
Bbr_0778		791.9	858.4	765.2	986.0	517.1	189.5	694.3	170.3	871.2	1530.9	1518.0	1199.7	859.6
Bbr_0779		1050.4	1189.5	913.3	1184.1	611.8	258.0	707.0	285.5	1120.9	1586.6	1663.9	1237.2	1011.2
Bbr_0780		295.8	384.5	246.3	413.3	177.6	346.9	225.3	256.6	796.1	1396.2	204.5	72.6	324.2
Bbr_0781		376.7	446.7	345.9	445.4	287.1	345.8	287.1	413.5	397.1	1017.7	347.0	1017.7	627.9
Bbr_0782		235.3	269.7	221.3	213.7	205.5	226.5	306.9	677.5	621.2	876.6	461.9	1132.9	325.4
Bbr_0783		134.9	187.4	106.1	131.9	78.2	150.0	216.3	150.0	599.0	618.7	198.5	311.4	237.0
Bbr_0784		1180.4	1219.4	936.3	997.5	683.9	649.0	855.2	861.5	468.9	1075.9	540.5	276.0	777.5
Bbr_0785	nadE	1230.0	1268.2	1051.7	1118.8	1391.7	468.9	1391.7	1032.9	1583.5	2659.5	1169.0	688.8	1260.7
Bbr_0786		1840.9	1897.9	1593.6	1347.2	1735.0	335.0	1364.5	470.8	1596.4	1934.0	1596.7	698.8	1621.2
Bbr_0787	pfl	87980.8	28648.7	97861.3	8437.0	199019.1	4816.2	204988.4	14762.4	36316.9	19521.7	73881.4	24476.1	116676.3
Bbr_0788	pflA1	27115.2	16003.9	15300.7	16003.9	14043.9	2534.5	1690.6	325.4	367.0	1643.3	354.1	704.4	1837.0
Bbr_0789		2039.6	1882.9	1635.5	990.9	1586.1	445.9	2011.3	2975.2	1859.8	2427.2	1407.0	693.1	1756.6
Bbr_0790		1889.5	2398.4	1655.3	3106.1	2204.9	3762.9	2345.0	10399.4	2983.7	3109.0	2018.4	1902.4	2182.8
Bbr_0791	tig	4768.2	4893.0	4514.7	6381.8	3550.9	8964.8	3243.7	6038.7	6779.2	9602.6	7996.5	5517.7	5142.2
Bbr_0792		551.9	597.8	473.7	760.4	329.8	1304.9	329.8	415.2	581.7	957.4	392.0	497.1	441.1
Bbr_0793		364.0	438.0	291.7	482.6	247.7	744.1	303.3	465.2	530.3	945.0	358.5	407.2	349.3
Bbr_0794	clp1	20954.5	19996.9	21905.4	25782.2	32202.5	23679.2	30776.6	20453.7	11772.5	39845.0	8217.4	3687.4	20971.5
Bbr_0795	clpP2	11770.2	11026.1	11026.1	11026.1	13070.7	9404.8	16905.4	4963.2	7659.5	25167.5	6790.1	4396.1	12593.4
Bbr_0796	clpX	1640.4	1640.4	1332.7	1844.7	917.4	2169.3	1075.8	1591.8	2388.7	4016.1	1395.0	2266.6	1458.3
Bbr_0797	metC2	749.7	935.6	621.4	666.4	460.6	1302.4	505.8	833.1	1930.2	896.3	1488.0	14067.7	959.4
Bbr_0798	nhaA	942.5	1089.7	683.3	1384.3	1000.1	985.6	914.3	387.9	911.1	3629.9	374.6	874.5	804.3
Bbr_0799		1654.9	1216.2	1311.7	722.3	855.7	536.3	997.5	497.1	1147.2	1991.2	722.2	1602.4	1114.8
Bbr_0800	salC	989.7	993.4	879.5	818.2	661.4	450.6	855.1	746.2	1454.0	1416.4	945.2	402.6	964.1
Bbr_0801	sdhB	2200.8	2458.9	2009.4	2325.0	3179.2	2359.4	2846.6	2835.2	1525.5	2375.2	1376.7	607.7	2189.7
Bbr_0802	sdhA	1038.0	1233.9	914.8	1092.0	1377.8	237.1	1246.6	784.4	1148.7	1767.7	1114.7	549.7	1140.1
Bbr_0803		52.3	61.9	37.1	58.8	37.1	23.5	83.5	180.4	505.2	282.3	43.7	21.3	129.2
Bbr_0804		62.7	76.9	43.3	47.9	53.2	45.7	68.6	435.6	597.2	228.8	39.0	26.2	144.0
Bbr_0805		127.7	129.7	78.2	78.7	74.7	93.6	92.1	168.1	448.1	465.3	120.2	66.2	156.8
Bbr_0806		2593.3	2100.5	2488.8	1537.9	2374.2	317.0	2160.6	666.9	1270.9	816.9	2665.2	418.1	2258.8
Bbr_0807	metY	1868.6	2280.6	1528.1	1842.7	1169.4	600.2	1408.3	1003.2	1030.5	1081.7	1287.8	620.1	1382.1
Bbr_0808		5251.0	6009.4	5773.7	7755.5	7886.2	2438.6	7886.2	5067.7	3730.7	2467.3	5598.0	3469.7	6215.3
Bbr_0809		2616.6	3358.5	2446.0	4328.4	1222.9	601.9	1278.1	625.2	2023.3	2339.2	5031.9	3291.5	2436.4
Bbr_0810		3828.6	5598.7	2810.1	2945.0	1553.9	545.3	1759.0	438.1	1985.9	1544.1	4083.4	1130.5	2670.3
Bbr_0811		435.0	398.7	377.2	322.4	469.6	41.9	525.6	240.7	685.1	1455.4	485.3	296.3	496.3
Bbr_0812	pap	1470.7	1369.6	1306.3	872.1	677.7	163.9	779.5	227.2	955.9	1171.1	1427.0	749.9	1102.8
Bbr_0813	proC	2202.1	1756.7	1979.5	1542.6	2162.5	1106.2	2372.5	3242.6	1297.7	1817.5	1635.6	1123.3	1941.6
Bbr_0814	glnH	840.3	929.5	773.2	884.7	411.2	454.9	448.8	271.1	1755.7	3777.3	1750.4	2479.2	996.6
Bbr_0815	glnQ	396.8	534.3	357.5	685.3	446.8	446.3	468.8	208.2	673.8	2485.7	465.8	1701.9	467.3
Bbr_0816	glnP1	295.8	376.9	263.1	495.8	187.0	406.9	265.2	199.1	600.2	2047.6	337.7	1118.6	324.8
Bbr_0817	glnP2	407.2	472.9	342.6	407.3	373.3	744.7	457.8	344.2	1499.8	3650.7	805.5	3192.1	816.3
Bbr_0818		1775.7	2516.7	1683.4	2589.9	723.8	265.1	984.2	321.1	796.9	1448.7	1028.5	1165.4	1165.4
Bbr_0819		4252.1	3900.3	4005.7	5006.4	7714.1	17397.5	7006.8	12289.5	3579.7	6207.1	3424.7	31331.2	4997.2
Bbr_0820		5678.4	5399.7	5360.5	6516.8	4532.7	12879.4	3385.8	2057.9	5014.4	2176.2	22304.2	3865.3	3432.3
Bbr_0821		285.4	387.2	227.0	416.6	276.7	605.1	318.5	651.5	732.8	923.2	218.6	1132.8	343.2
Bbr_0822	dirC	1143.3	955.6	942.8	963.4	632.5	2385.4	661.1	2410.7	1548.0	2086.1	1555.9	864.1	965.3
Bbr_0823		166.4	198.3	135.9	184.1	111.4	192.3	138.1	131.4	545.8	810.3	116.7	622.8	202.4
Bbr_0824		193.6	261.0	178.8	232.4	106.8	178.3	106.8	161.2	361.2	118.6	164.5	97.6	191.4
Bbr_0825		1060.1	880.0	828.4	1089.9	589.5	1089.9	568.4	550.0	1102.9	1058.3	492.3	83.3	773.6
Bbr_0826		182.5	145.7	144.0	86.3	106.5	121.2	139.0	247.5	831.4	975.3	586.3	472.3	331.6
Bbr_0827		6421.2	5036.2	6024.9	5228.0	7648.6	6182.2	7010.7	6909.9	2902.1	12875.6	2400.6	1072.7	5401.3
Bbr_0828		975.0	1024.6	886.1	1107.7	580.1	2106.8	602.8	1666.4	1053.8	2724.5	869.2	5038.2	827.8
Bbr_0829		1101.5	1130.8	825.0	1028.8	654.9	2973.3	660.0	3460.1	776.3	2442.7	582.1	3424.8	766.6
Bbr_0830		852.2	784.9	745.0	764.3	789.4	1721.7	833.3	2588.1	818.4	3637.0	448.7	1707.5	748.0
Bbr_0831		193.9	201.1	138.1	193.9	138.1	172.0	187.7						

Bbr_0836	1761.2	1538.8	1305.4	1071.6	1402.6	1333.6	1332.0	1334.4	1657.6	812.0	1347.5	1143.5	1467.7
Bbr_0837	39.6	41.0	25.7	43.0	29.4	70.6	40.3	260.6	258.5	9.7	258.5	29.5	68.2
Bbr_0838	306.3	319.5	380.7	634.9	380.2	659.8	453.9	889.5	482.2	516.0	148.9	602.6	358.7
Bbr_0839	409.5	395.2	466.2	275.2	466.2	99.1	531.1	622.4	550.7	529.8	268.7	106.9	430.6
Bbr_0840	155.4	163.2	116.5	118.0	126.0	195.8	174.2	569.7	477.4	492.8	121.5	125.7	195.2
Bbr_0841	113.9	165.5	85.0	113.9	60.1	144.0	111.3	314.0	547.5	430.5	152.4	290.4	181.7
Bbr_0842	135.9	180.1	123.1	138.1	88.0	75.0	122.5	149.2	411.9	319.0	144.5	75.4	171.0
Bbr_0843	1040.4	837.7	843.2	435.8	508.9	833.8	516.9	1256.1	479.9	1222.7	957.4	223.5	724.5
Bbr_0844	1873.9	1655.1	1464.7	1335.5	1036.8	2816.5	1028.7	2156.5	2688.0	4914.1	1654.3	1248.8	1624.4
Bbr_0845	6095.8	4486.8	5557.6	2966.7	4109.6	2495.4	3881.5	1825.2	9734.1	7916.6	3061.4	4091.4	5406.7
Bbr_0846	819.0	768.5	649.0	859.3	427.0	2647.9	436.8	1865.9	622.1	1964.0	571.0	632.8	587.5
Bbr_0847	790.2	695.0	706.1	849.2	567.7	2429.5	651.3	3291.3	544.0	1314.5	534.6	700.5	632.3
Bbr_0848	1853.8	1801.0	1617.0	2469.0	1745.4	7180.8	6734.5	8723.5	557.2	1824.0	679.5	1339.5	1297.9
Bbr_0849	384.3	412.1	345.7	642.0	283.4	4251.0	281.6	8436.4	311.5	1446.8	273.7	1104.6	313.4
Bbr_0850	368.6	414.1	276.1	526.8	499.6	3245.3	436.7	5949.5	589.5	1028.0	144.5	366.9	385.8
Bbr_0851	1748.3	1399.2	1617.1	1049.7	2292.8	9953.6	1433.3	1395.1	555.9	485.9	848.6	696.6	1416.0
Bbr_0852	1406.8	1294.6	1218.1	1111.7	1430.3	5690.0	1327.2	1319.3	869.5	853.9	1614.6	1417.8	1311.1
Bbr_0853	1289.8	1329.3	1146.4	1259.9	704.5	4025.3	645.0	457.3	1212.9	1673.3	2008.3	1340.8	1167.8
Bbr_0854	618.6	519.1	563.2	562.0	452.6	2056.4	500.1	790.9	963.4	1126.0	835.1	854.4	655.5
Bbr_0855	298.9	254.8	259.4	287.0	227.4	582.6	255.8	585.9	408.3	709.2	189.9	231.0	273.3
Bbr_0856	47.0	44.6	42.3	46.1	46.1	143.3	66.8	122.9	342.8	786.4	33.3	85.2	96.4
Bbr_0857	4508.3	4825.7	4099.6	3551.0	4418.1	3409.3	4292.2	3129.7	4217.3	6701.4	3996.1	2712.3	4255.3
Bbr_0858	44.3	53.0	31.7	56.3	54.2	104.0	75.1	267.9	635.7	1085.1	22.9	78.1	144.0
Bbr_0859	559.1	570.3	436.6	489.1	294.7	635.6	328.9	905.1	1083.0	1944.6	863.9	1115.8	594.4
Bbr_0860	1083.6	1019.9	862.4	860.5	759.3	2319.1	859.0	3696.8	1596.5	3203.5	1235.1	1602.9	1066.0
Bbr_0861	764.4	723.1	608.5	632.2	380.0	1414.8	429.0	966.5	1426.4	2395.3	957.1	1133.7	760.9
Bbr_0862	2195.7	1956.7	1783.5	1229.8	1157.0	970.3	1121.3	804.7	1504.5	1920.9	2345.8	1570.3	1684.6
Bbr_0863	547.7	411.8	498.2	527.7	461.9	4882.2	3653.0	470.9	3645.9	1128.8	1721.6	1263.3	631.3
Bbr_0864	307.0	399.2	222.6	281.2	211.8	152.5	302.7	209.6	1172.2	948.9	158.2	81.6	395.8
Bbr_0865	1201.7	928.5	979.1	532.8	599.4	442.3	621.7	646.3	1393.3	1241.4	1083.5	815.5	979.8
Bbr_0866	679.1	492.9	534.3	263.1	406.2	200.2	498.0	480.7	842.6	931.9	699.8	610.0	109.8
Bbr_0867	467.3	392.5	362.6	212.3	344.5	80.2	446.4	179.6	1136.0	955.8	394.6	147.1	525.2
Bbr_0868	419.6	351.2	344.9	228.7	243.3	147.9	341.4	311.2	943.8	1093.4	497.1	191.5	465.0
Bbr_0869	30.8	28.8	20.8	27.8	23.0	21.9	33.7	39.5	539.6	271.7	10.7	104.1	109.8
Bbr_0870	746.8	734.1	734.1	461.5	404.1	511.0	404.1	275.6	1585.2	751.9	203.6	203.6	321.3
Bbr_0871	341.0	274.0	280.4	132.7	167.4	111.5	202.3	301.3	908.9	1555.3	460.0	245.1	393.3
Bbr_0872	312.1	222.3	239.8	59.4	209.6	42.1	268.4	85.4	529.0	515.2	356.5	228.7	319.2
Bbr_0873	241.7	196.2	206.3	110.0	199.7	95.9	286.8	165.3	265.0	582.6	132.7	141.2	222.0
Bbr_0874	138.4	154.0	107.8	178.2	137.3	730.7	167.4	1650.4	351.1	738.0	108.8	482.2	168.5
Bbr_0875	437.7	404.5	323.9	424.4	929.6	1773.9	318.5	507.8	1773.9	1289.8	286.3	240.0	356.0
Bbr_0876	2035.6	2407.6	1648.6	3067.1	1397.4	6374.5	1216.8	5596.5	1031.4	4483.0	651.5	534.6	1336.9
Bbr_0877	785.0	806.4	690.9	801.6	590.9	473.6	726.5	660.6	656.7	1192.0	426.4	432.0	631.3
Bbr_0878	934.6	1220.4	743.9	1231.0	1016.5	1016.5	618.3	980.6	1223.2	1544.7	575.1	926.5	775.5
Bbr_0879	477.5	514.1	424.4	565.9	586.3	357.0	1180.6	925.3	1458.3	1458.3	444.4	444.4	499.6
Bbr_0880	342.8	422.1	244.8	401.6	176.9	1531.6	179.5	2124.4	466.1	959.8	288.4	440.2	283.1
Bbr_0881	310.7	404.8	232.6	374.3	222.8	1484.4	251.9	2136.2	613.1	896.1	301.3	560.0	322.1
Bbr_0882	685.5	469.2	564.4	243.0	365.7	113.1	464.3	138.2	428.1	402.7	978.5	497.1	581.1
Bbr_0883	622.3	445.6	616.3	310.7	310.7	160.8	424.7	190.2	165.6	322.9	621.1	153.9	460.3
Bbr_0884	569.3	1019.0	487.5	1015.0	295.4	121.5	393.5	127.1	709.5	587.4	452.1	709.6	527.5
Bbr_0885	701.8	1074.8	572.4	927.9	355.4	692.9	445.2	1398.2	820.8	1542.4	1830.5	905.9	905.9
Bbr_0886	210.8	307.0	178.0	272.2	42.3	115.6	88.0	38.3	902.0	597.8	1080.6	1436.0	429.2
Bbr_0887	318.6	384.8	318.6	466.0	386.5	566.1	447.3	934.2	815.6	772.9	1136.1	1589.2	570.4
Bbr_0888	35721.8	30905.7	35404.7	27609.4	34856.1	57599.7	35452.2	40869.5	23605.5	31951.9	28354.1	26382.4	32232.4
Bbr_0889	910.1	989.1	856.4	1150.7	452.1	1679.5	531.4	2310.0	1382.0	2575.9	660.9	1233.7	798.8
Bbr_0890	865.2	957.3	669.6	898.9	418.1	1586.8	459.7	869.6	3610.7	5464.9	552.5	1229.5	1096.0
Bbr_0891	614.0	676.5	571.8	779.1	436.5	465.5	612.0	820.1	1963.0	2516.1	621.5	769.4	769.4
Bbr_0892	1378.3	1477.3	1141.8	1261.1	788.2	1119.8	828.9	1096.1	2758.8	3587.2	954.5	1212.4	1308.4
Bbr_0893	1421.5	1255.0	1236.0	1486.7	1457.5	1520.2	6975.0	1442.5	2760.4	1426.9	3864.0	1417.4	1417.4
Bbr_0894	1054.4	957.8	927.7	1080.8	667.9	2757.2	781.6	4773.0	819.7	2258.9	1108.2	3030.3	893.3
Bbr_0895	2560.1	2628.3	2059.4	1138.4	596.8	2078.8	1155.0	493.9	2029.8	3417.1	1459.6	1573.8	1733.7
Bbr_0896	11537.1	12355.9	10615.4	9617.1	9012.3	7302.4	7664.3	5310.3	6271.8	6196.8	5028.8	4115.2	8355.0
Bbr_0897	10329.0	10250.5	9136.0	8353.8	7240.5	4512.3	6439.3	4134.9	7913.9	7056.1	7960.8	7160.0	8169.9
Bbr_0898	3718.2	4334.1	3636.8	4575.6	5338.4	1026.1	5304.2	2026.2	1354.5	2878.0	3919.3	3284.2	3878.6
Bbr_0899	1447.4	1277.0	1237.7	2088.3	1321.3	1593.8	1593.8	672.5	330.3	5216.7	1693.7	1693.7	1361.4
Bbr_0900	620.2	506.3	510.0	447.5	514.9	352.0	701.2	1176.4	426.6	638.6	175.0	89.0	491.3
Bbr_0902	1886.8	1846.2	1650.1	1767.1	1741.8	1278.1	1745.7	1546.3	978.2	2446.6	1177.2	1123.6	1530.0
Bbr_0903	930.9	1041.5	760.8	703.6	400.9	162.0	446.7	148.8	483.5	871.8	591.7	490.5	602.4
Bbr_0904	1241.0	1360.3	1090.9	1008.6	520.7	214.8	504.3	274.6	781.1	972.0	831.0	700.4	828.2
Bbr_0905	9766.8	9464.4	9508.3	8763.7	5881.1	1961.3	5442.4	2172.6	5447.9	5416.5	6234.2	6097.7	7046.8
Bbr_0906	1776.1	2085.5	1531.3	2196.3	1511.3	1131.3	1599.7	459.1	459.1	2332.7	1629.3	1629.3	1634.5
Bbr_0907	8371.0	8837.7	7408.8	8773.8	5843.3	7234.4	4418.0	3396.5	5762.2	18259.3	3899.2	2013.8	5950.4
Bbr_0908	4766.9	4910.3	4809.0	6081.4	5325.7	1263.3	5806.2	1078.3	3702.4	8213.5	4125.9	2416.8	4759.4
Bbr_0909	6152.3	6220.9	5657.0	6425.1	5328.3	1348.6	5766.3	993.7	4743.9	10392.1	4800.1	3233.1	5408.0
Bbr_0910	2102.4	2181.5	1749.9	2498.1	1988.5	713.7	2034.7	1496.8	1730.1	5259.0	1651.9	1286.3	1876.3
Bbr_0911	9609.7	10402.3	9347.9	11404.4	15852.2	11710.5	15267.0	22925.9	10349.2	16997.8	10067.2	11748.9	11748.9
Bbr_0912	5643.3	5981.1	4539.3	5679.3	4177.1	5526.4	3481.1	3663.4	6954.9	11010.9	5229.0	3288.4	5003.6
Bbr_0913	2895.5	1936.5	1706.5	2354.1	1706.5	450.1	2024.5	233.3	480.1	2967.1	1936.5	2380.1	2380.1
Bbr_0914	661.6	703.8	608.9	902.7	809.6	1222.9	776.3	935.1	843.2	821.5	745.7	7668.9	740.9

Bbr_0915	547.5	474.3	423.7	388.1	368.4	233.4	497.3	437.4	593.6	1388.9	489.4	1306.2	486.7
Bbr_0916	7424.5	7382.5	6828.0	7650.5	4771.8	7558.3	3715.8	1995.7	5464.5	11798.8	4418.3	3294.6	5437.1
Bbr_0917	1795.9	1885.3	1571.8	2559.7	794.0	895.3	834.1	389.3	2559.9	5116.4	1679.5	2081.2	1539.2
Bbr_0918	1009.9	1141.1	883.2	1548.2	718.5	798.5	798.5	214.9	1092.1	2498.1	1093.5	924.0	932.6
Bbr_0919	1086.8	1151.0	888.3	1435.3	521.0	116.2	675.7	166.8	1688.4	3051.5	1349.9	807.1	1035.0
Bbr_0920	890.2	920.5	852.0	1159.6	798.6	206.8	798.6	383.3	873.6	1016.9	2076.2	529.0	921.2
Bbr_0921	7203.7	6198.4	6690.9	4082.9	5332.5	2166.2	5287.6	1107.7	7160.3	8033.8	9214.7	5462.4	6814.9
Bbr_0922	pntA1	5399.5	3610.3	5116.4	1819.9	3279.1	865.4	3792.4	1977.4	2763.3	2554.8	5629.6	2567.5
Bbr_0923	pntA	3572.4	2556.8	3689.9	1572.1	2530.9	477.1	3746.0	2135.7	1317.8	1734.1	3398.5	3393.3
Bbr_0924	pntB	6664.4	5250.1	6249.7	3275.2	4013.3	1337.5	4110.8	1725.3	2667.5	2597.7	6245.3	5592.3
Bbr_0925	rpIV	775.5	856.8	696.5	771.1	502.0	880.6	1638.2	526.7	2208.2	1129.2	487.5	796.6
Bbr_0926	rpIV	25333.6	30572.8	26132.9	32152.5	33201.5	69126.8	48296.1	102641.7	10147.9	5160.9	18349.4	27148.8
Bbr_0927	ilvE	2405.2	2770.1	2130.4	2264.3	1857.9	3666.6	2045.5	1931.5	1397.5	1319.7	2420.7	2586.1
Bbr_0928	fadD2	783.7	978.1	786.7	1051.2	602.9	1385.0	618.8	1582.4	435.9	676.2	641.7	833.3
Bbr_0929	rspsT	330.7	373.3	314.4	385.1	263.7	316.7	391.8	180.5	466.4	858.2	359.8	354.5
Bbr_0930	lepA	6235.4	5358.5	5360.4	5179.4	4273.6	7282.1	3680.6	8842.4	7730.2	11592.8	7842.6	3851.9
Bbr_0931	hemN	1452.9	1758.7	1398.1	2131.3	1429.5	714.0	1184.5	339.1	1639.7	4368.2	1397.6	820.6
Bbr_0932	hemN	287.7	311.9	166.3	422.4	84.4	250.2	92.2	722.6	1340.4	1340.4	146.0	1417.0
Bbr_0933		55.1	66.3	30.6	55.8	20.6	29.0	26.2	38.4	154.3	1350.7	24.2	51.9
Bbr_0934		320.7	257.9	256.1	135.6	166.6	87.5	241.7	203.6	677.1	1731.0	381.5	343.9
Bbr_0935	glIB	658.5	486.0	373.5	360.7	353.3	468.5	362.6	800.9	358.7	725.5	334.3	408.9
Bbr_0936	glID	1478.5	2193.8	1411.7	1916.5	1016.6	229.6	1488.3	484.9	1220.0	1415.2	1346.0	1328.8
Bbr_0937		1750.1	2810.2	1561.6	1998.0	1670.0	287.0	1721.0	758.1	621.2	998.5	916.5	702.7
Bbr_0938		33.0	26.2	39.2	20.8	43.4	45.4	60.5	361.1	267.9	480.6	33.8	79.6
Bbr_0939		3959.7	4078.7	3784.3	2346.8	3747.5	618.0	4288.8	1381.1	1711.4	1456.1	2892.6	3397.4
Bbr_0940		1080.7	1036.0	997.3	586.0	537.5	652.3	459.3	1487.0	1155.4	1269.7	1704.9	1004.1
Bbr_0941		2326.3	2160.3	1952.8	1772.7	1556.3	3949.6	6480.9	3007.9	5929.1	2147.0	1885.8	2091.8
Bbr_0942		5653.0	5724.5	4747.4	3389.7	3381.1	4714.7	3389.7	2846.0	2846.0	2846.0	1833.1	3048.9
Bbr_0943		2154.9	2030.2	1715.1	1147.6	1215.0	843.6	1521.9	529.5	1409.4	1619.3	1051.5	1511.3
Bbr_0944		799.4	984.8	678.8	710.8	439.1	390.9	495.9	486.8	1188.4	1376.1	576.0	696.3
Bbr_0945		3574.9	3517.2	3333.6	3832.7	4675.2	7859.9	4471.7	21061.7	3303.7	7866.2	1650.9	3501.7
Bbr_0946		3450.8	3387.7	3096.6	3821.2	2421.9	7718.2	2285.7	9026.2	3053.2	7081.0	1357.0	2610.9
Bbr_0947	bcp	841.4	821.6	701.5	859.7	406.0	1279.7	415.4	768.9	720.7	2158.7	535.1	1134.7
Bbr_0948		4085.6	3576.7	4014.6	1882.4	2319.4	898.3	2530.9	694.3	938.9	1207.0	1788.3	92.3
Bbr_0949		19.4	24.2	13.4	24.2	13.4	58.5	30.9	134.5	104.3	416.1	10.3	97.0
Bbr_0953		975.2	1140.5	931.9	972.7	804.2	509.3	1097.8	377.8	1178.0	2238.9	993.5	2294.1
Bbr_0954		996.3	1054.5	834.3	731.5	476.5	638.0	523.2	140.8	1402.0	2404.0	868.0	2664.4
Bbr_0955		1091.1	808.4	948.5	754.5	732.3	721.9	940.3	701.0	1829.0	2424.9	1018.1	2097.0
Bbr_0956		732.3	548.7	647.7	646.3	922.1	646.3	922.1	1955.8	1102.6	1622.8	530.0	1228.8
Bbr_0957	rarD	133.3	152.7	97.5	118.5	103.4	335.9	103.3	554.6	642.3	695.9	51.8	152.8
Bbr_0958		662.9	478.8	519.3	265.5	296.5	312.5	344.5	384.5	783.8	2233.1	381.5	622.0
Bbr_0959		759.5	420.7	469.6	615.6	469.6	915.4	547.9	781.4	1166.6	1166.6	567.6	699.1
Bbr_0960		385.7	371.7	357.8	428.8	248.2	874.0	303.6	844.4	1440.3	1225.3	236.4	497.5
Bbr_0961		159.3	168.2	116.0	108.1	95.4	95.0	126.0	121.9	352.9	320.4	64.2	152.3
Bbr_0962		152.5	159.3	113.0	97.2	100.0	28.3	141.0	88.6	384.1	248.8	96.5	71.4
Bbr_0963		297.0	255.7	233.8	190.7	233.8	224.7	322.0	365.6	356.4	491.4	186.0	272.4
Bbr_0964	tenA	84.0	132.7	81.5	167.4	53.7	284.7	69.6	135.5	212.5	381.0	135.1	104.8
Bbr_0965		229.4	312.1	176.5	342.5	164.7	539.7	199.6	508.4	526.2	546.8	223.3	172.0
Bbr_0966		343.6	364.3	314.8	253.2	155.2	220.2	207.3	125.0	356.6	1003.9	190.3	159.3
Bbr_0967		366.3	392.8	325.9	407.2	273.2	248.5	354.6	455.7	620.0	646.6	780.2	431.1
Bbr_0968		1817.4	1817.2	1561.6	1605.7	1946.7	2668.4	1785.4	6683.9	1572.6	2283.8	1440.8	1687.4
Bbr_0969	metE	827.9	1557.9	761.1	1507.6	417.6	394.2	498.5	238.5	777.2	1250.9	1822.4	1238.8
Bbr_0970	metF	385.4	638.7	222.1	513.6	345.7	116.0	152.6	152.6	715.8	1053.9	721.5	411.9
Bbr_0971	cbh	52652.7	38631.0	69143.5	39049.2	116912.9	40063.8	138340.6	38833.8	21853.4	77388.8	11314.4	8417.2
Bbr_0972	glnE	2270.7	2166.8	2042.1	3011.1	1870.9	1324.5	2094.7	953.0	1235.1	2592.4	1061.6	1254.7
Bbr_0973	pyrB	6043.9	6112.9	5422.9	3053.0	6666.2	1269.5	5533.7	6436.2	8259.8	5054.3	4974.3	1673.0
Bbr_0974	pyrI	7310.3	6786.6	6489.5	6025.2	6025.2	653.6	5389.1	1148.0	6038.5	2524.9	5732.8	1895.4
Bbr_0975	pyrC	3493.4	2783.8	2683.1	1303.3	1848.7	181.8	2031.6	431.7	2805.8	1678.8	3177.4	1365.6
Bbr_0976	pyrF1	4619.2	3473.9	3913.9	2004.3	1995.6	341.3	2056.6	557.3	5170.0	2263.2	4777.8	3001.2
Bbr_0977	pyrK	2462.0	2202.5	2269.7	1709.1	1150.0	536.3	1242.6	522.8	2145.8	2478.9	2469.2	1875.3
Bbr_0978	pyrD1	1265.3	1239.2	1211.6	957.6	618.3	183.3	676.6	182.3	1325.7	1950.1	1797.1	1458.9
Bbr_0979	pyrE2	3342.9	3373.4	2657.1	2420.1	1938.1	1938.1	1635.6	1838.3	4293.5	4787.1	4235.2	2778.7
Bbr_0980		551.3	511.6	439.8	244.6	403.9	203.1	513.8	897.5	442.2	918.9	365.6	517.9
Bbr_0981		1409.8	1429.7	1179.8	1429.7	1179.8	1299.3	1031.9	351.2	7119.8	2252.8	1176.8	689.6
Bbr_0982		1535.2	1394.5	1180.0	1630.1	873.7	1630.1	920.9	2433.9	1181.4	3739.6	653.0	498.6
Bbr_0983		4563.0	3796.4	3949.9	2920.9	3063.9	5722.9	2642.1	2775.1	1543.6	8837.8	1050.7	679.4
Bbr_0984		1046.8	1320.6	917.7	1249.5	539.3	773.0	550.7	385.3	2051.9	3341.5	1241.4	711.2
Bbr_0985		493.4	499.2	401.7	360.5	338.3	232.4	475.3	218.3	963.4	1581.9	756.9	393.1
Bbr_0986		58.5	77.4	38.2	63.4	49.6	55.1	67.8	214.4	741.7	914.2	45.0	413.7
Bbr_0988		7855.4	7590.5	6604.0	4563.5	5666.8	2403.7	5508.0	4261.0	4386.0	6159.6	4401.2	4065.8
Bbr_0989	uvrA2	1291.3	1291.3	1291.3	1291.3	1291.3	1291.3	1291.3	1291.3	1291.3	1291.3	1291.3	1291.3
Bbr_0990	uvrC	325.8	343.0	324.7	502.2	417.3	253.7	445.0	1125.7	601.4	1685.2	334.5	391.5
Bbr_0991	aroE	1096.4	1017.9	1003.9	932.5	1019.6	860.5	923.9	2585.9	1682.0	3147.9	1059.0	761.0
Bbr_0992		1333.1	1310.9	839.8	869.7	1046.5	251.1	1046.5	210.5	1765.6	2347.8	1206.1	1218.2
Bbr_0993		2875.8	4271.9	2493.2	4164.0	1833.3	7522.4	1632.4	6903.2	2058.6	3255.0	2390.7	2214.0
Bbr_0994	pgk	12772.8	12281.8	12997.1	10435.3	15102.8	9465.5	10851.4	8051.1	10130.8	14031.7	15198.5	12842.2
Bbr_0995	tpi	2969.7	3155.8	2776.3	2394.3	2001.8	3572.3	1937.1	1525.5	1218.0	3216.4	1698.0	2133.5
Bbr_0996	secD	2575.3	2575.3	2439.6	2439.6	2439.6	2439.6	2439.6	2439.6	2439.6	2439.6	2439.6	2439.6
Bbr_0997	ldh1	1702.5	1609.6	1410.8	1195.2	1003.3	776.7	1353.4	401.8	1249.6	725.9	1401.3	1355.0

Bbr_0998		983.1	939.3	877.3	789.6	667.3	351.6	929.9	193.6	870.5	535.5	1239.5	961.6	927.9
Bbr_0999		354.1	331.1	244.5	382.5	361.2	480.6	361.2	176.3	582.3	357.1	1134.4	656.9	421.7
Bbr_1000		808.7	963.5	632.1	478.7	749.7	337.3	937.0	616.9	1062.5	493.6	437.9	325.0	771.3
Bbr_1001		464.1	482.3	511.6	343.8	591.4	235.1	591.4	153.0	672.3	710.7	362.8	439.0	497.3
Bbr_1002	tal	32038.4	24247.5	35692.3	20518.9	30889.8	5106.3	29758.5	5846.6	25082.2	20288.9	48128.9	30144.6	33598.4
Bbr_1003	hlcA	16194.5	15479.2	16992.9	15779.2	32876.2	4316.0	7047.7	4316.0	14429.3	14429.3	18676.6	21315.3	19563.5
Bbr_1004	hrcA	1658.4	3394.6	1586.9	839.3	1876.7	19633.4	1485.4	1876.7	2502.9	4333.3	970.5	6794.0	1680.1
Bbr_1005	dnaJ2	1908.7	2496.9	1802.0	4296.9	1466.1	2341.9	1587.4	358.7	1144.1	4368.4	811.0	1214.8	1453.2
Bbr_1006		717.8	738.5	608.9	549.2	723.5	1153.1	843.8	1451.8	797.4	1479.4	471.5	1026.0	693.8
Bbr_1007	bacA	1556.4	1579.6	1329.2	1142.4	1339.6	375.9	1551.2	338.8	1969.6	1603.3	3031.9	2043.4	1796.3
Bbr_1009	thrS	4146.8	4667.3	3763.0	3646.5	3779.9	672.7	4237.9	706.6	1972.9	1653.7	4747.1	3030.4	3774.6
Bbr_1010		4452.3	4808.9	4145.2	4075.4	3041.6	725.4	3041.6	717.3	3412.0	2012.6	6058.6	4421.8	3990.5
Bbr_1011		6134.7	6571.7	5817.3	8140.1	11821.6	4834.3	11646.4	5203.7	6359.8	6076.8	8551.0	5436.2	8388.5
Bbr_1012	ruvC	2295.6	2297.5	2018.1	2716.1	2264.3	2315.4	2547.9	1470.1	1621.2	2209.0	2244.5	2234.0	2165.3
Bbr_1013	ruvA	863.4	950.6	845.5	1761.5	1197.4	4870.9	1204.3	8743.0	1308.7	3442.1	1032.3	1575.0	1075.3
Bbr_1014	ruvB	1353.9	1395.2	1181.4	904.0	1037.3	2226.2	1037.3	409.3	1122.2	2659.2	1195.5	1246.0	1132.4
Bbr_1015	YajC	7113.1	7500.2	7215.9	8703.2	9161.1	5664.5	7017.3	3232.7	5218.1	5186.1	5887.3	2118.9	6935.5
Bbr_1016	apt	6940.0	7323.9	6643.1	7631.3	5124.1	4237.0	5020.6	2211.4	6093.6	5210.3	7246.1	2884.1	6177.9
Bbr_1017	sucC	3949.5	4278.4	4094.1	5232.6	2405.2	1528.5	2428.6	871.9	3692.2	2962.4	5249.0	2567.7	3636.4
Bbr_1018	sucD	5065.7	5673.4	4788.6	6291.6	5017.2	1338.1	5576.1	1167.0	3959.0	2745.7	5277.8	2719.6	4886.7
Bbr_1019		4215.6	4129.1	3765.6	3342.5	3168.3	1533.7	4163.5	3146.3	4314.4	5017.8	5297.3	2977.0	4154.1
Bbr_1020	purH	3058.3	3090.1	3051.3	2550.0	1547.3	1180.5	1529.1	1383.6	2226.8	3824.9	4182.9	2953.8	2593.3
Bbr_1021		3459.1	3273.2	3003.8	2873.5	2044.3	930.3	2204.8	1162.9	4146.1	3246.6	4131.3	2540.5	3164.9
Bbr_1022	rluB	1184.5	1537.6	1052.4	2042.8	1304.6	5011.3	1017.3	11400.4	1536.9	4906.0	1192.4	2930.8	1214.7
Bbr_1023		410.8	524.3	333.3	727.0	262.8	486.7	340.7	196.4	395.7	1815.0	636.4	624.0	396.6
Bbr_1024		215.2	250.6	180.2	260.6	269.2	859.8	241.4	532.2	283.3	446.1	201.7	990.1	265.2
Bbr_1025	ugpA	2569.4	2527.4	2325.5	1105.0	1963.3	269.1	2498.3	747.9	463.5	1573.0	2398.4	757.4	2336.4
Bbr_1026		3702.6	3718.7	3264.5	3702.6	2564.3	3218.4	2734.4	2535.0	4920.2	3067.6	6427.0	3376.2	4154.1
Bbr_1027		4874.0	3842.9	4146.8	3334.7	2589.4	1377.6	2385.9	497.4	3743.6	4941.8	2903.9	2006.4	3440.6
Bbr_1028	helY	1130.5	1144.5	940.6	1006.0	692.1	181.1	949.5	481.8	1560.4	2055.1	1055.1	977.1	1054.7
Bbr_1029		2749.2	4145.3	2720.4	6260.8	2492.6	34499.7	2566.0	214705.6	2162.0	7660.6	1880.4	1007.4	2428.4
Bbr_1030		281.2	472.7	262.0	497.6	317.7	3589.1	317.7	17897.4	459.7	1318.3	289.8	150.5	306.1
Bbr_1031		371.9	607.9	293.2	657.7	373.4	3737.4	211.2	4385.6	359.2	1096.1	207.7	113.5	276.8
Bbr_1032		212.0	263.6	170.1	310.4	169.4	376.7	214.0	812.2	460.3	697.2	135.3	2454.7	226.9
Bbr_1033		2331.2	2491.9	1925.1	2491.9	1568.3	2136.6	1731.4	2136.6	2136.6	4696.1	15000.4	2198.2	4154.1
Bbr_1034	garA	3245.8	3628.1	2887.5	3218.9	1608.5	1108.7	1648.1	835.6	2484.5	3322.3	2006.9	2493.3	2313.6
Bbr_1035		1474.6	1670.1	1117.3	1282.6	744.8	360.3	835.2	282.1	1832.7	1419.5	1223.4	809.6	1204.7
Bbr_1036		2047.4	2304.7	1714.5	2147.8	2867.6	1472.6	3190.6	3436.9	1289.3	1589.6	1102.2	602.7	2035.3
Bbr_1037		1253.4	1495.8	1073.7	1489.3	693.4	116.0	851.2	1464.6	1417.9	1417.9	1211.7	1132.1	1091.3
Bbr_1038	pgsA1	2098.5	2522.4	2055.5	2719.6	1623.6	744.3	1925.8	1825.3	1287.2	2247.9	1999.9	1530.7	1831.7
Bbr_1039	hisG	4605.9	7049.6	3991.2	4523.6	4074.6	742.0	3849.9	1521.6	3290.3	3627.8	3869.7	2457.7	3946.9
Bbr_1040	hisE	4478.7	4650.4	5376.8	4660.4	2677.9	965.6	3112.1	963.7	5466.2	5466.2	3466.4	4184.5	4184.5
Bbr_1041	rpe1	5462.8	7238.4	5214.6	6763.3	3879.8	1437.9	4083.9	1152.9	5489.6	5886.5	4874.1	2312.5	4834.1
Bbr_1042	lgt	2167.1	3076.4	1465.7	1930.1	1074.6	771.5	1201.0	1159.8	1984.1	1551.7	1501.4	1024.3	1565.7
Bbr_1043	trpA	1979.4	2560.6	1823.6	1889.1	1483.1	419.6	1928.2	660.3	1552.5	1666.0	2000.8	1044.4	1794.6
Bbr_1044	trpBC	1742.3	2180.7	1579.2	1730.6	1544.6	480.8	1766.0	762.6	846.1	1245.4	1402.7	774.8	1480.2
Bbr_1045		318.1	286.7	275.0	258.8	161.1	252.6	199.1	479.4	720.3	1035.9	202.9	264.2	312.8
Bbr_1046	nfo	920.0	1036.5	826.3	1376.2	871.5	6644.6	1012.0	20484.3	1257.3	6391.5	473.0	912.8	893.3
Bbr_1047	aap2	862.5	1096.1	660.2	1061.6	470.8	939.2	476.6	1462.1	1462.1	1681.0	608.8	544.2	760.2
Bbr_1048	rpe1	53.9	55.1	46.4	58.8	66.5	113.6	72.7	270.9	557.3	514.0	23.9	133.8	136.8
Bbr_1049		85.7	88.9	82.3	72.1	79.3	78.5	142.8	180.2	401.3	468.3	125.7	151.0	152.8
Bbr_1050		221.2	154.0	189.5	130.7	219.0	60.3	272.1	185.6	636.3	854.1	359.4	414.3	316.3
Bbr_1051		1484.5	1206.3	1279.4	1022.0	1425.6	275.7	1251.3	254.9	1007.7	1131.0	911.5	824.8	1226.7
Bbr_1052		883.1	713.6	739.3	587.4	450.7	587.4	505.2	517.1	1031.9	1988.7	871.6	1235.7	747.0
Bbr_1053		583.8	587.5	475.9	463.3	663.1	82.0	636.2	149.6	620.7	906.7	303.5	120.1	547.2
Bbr_1054		758.4	650.0	702.9	715.8	593.7	411.1	785.1	276.1	405.8	1647.7	155.9	41.1	547.2
Bbr_1055		3384.5	3626.6	2950.8	3167.0	2783.3	1816.0	2783.4	2254.7	3719.2	2989.6	3810.2	3181.8	3238.4
Bbr_1056		928.4	912.7	672.8	570.9	730.8	650.9	730.8	2837.7	709.6	1341.9	450.6	1378.6	691.3
Bbr_1057		615.4	902.2	500.2	716.7	360.6	224.7	433.5	776.3	771.8	801.6	524.2	835.1	534.3
Bbr_1058		251.7	223.9	209.6	255.5	185.5	5493.3	254.8	28278.0	710.1	1272.0	174.8	7655.7	297.7
Bbr_1059		27.5	26.9	20.2	21.2	41.3	133.4	51.8	671.7	336.9	347.8	99.2	2541.1	96.1
Bbr_1060		60.1	41.3	38.4	41.3	61.3	53.2	42.1	95.2	220.3	302.0	56.9	47.7	80.3
Bbr_1061		79.6	96.4	58.4	73.9	53.2	71.4	65.8	138.9	362.4	334.1	41.1	37.7	110.1
Bbr_1062		167.2	168.2	102.8	118.0	153.0	178.9	153.0	963.7	5406.6	5406.6	167.4	167.4	187.0
Bbr_1063		196.4	168.8	160.3	121.0	148.7	148.0	208.4	506.4	465.9	157.7	157.7	222.9	222.9
Bbr_1064		160.1	142.4	140.9	117.0	121.5	141.6	138.2	302.7	372.5	438.6	139.3	76.5	178.8
Bbr_1065		100.9	88.4	72.2	56.4	61.7	63.2	77.6	100.4	614.6	524.6	90.1	58.8	169.5
Bbr_1066		719.6	698.0	657.5	588.4	656.9	2057.0	804.4	10106.6	875.5	1507.0	621.0	2791.9	722.5
Bbr_1067	yalQ	700.2	684.2	599.1	588.5	566.8	1594.7	689.5	2321.8	845.5	1561.9	666.9	3297.8	679.0
Bbr_1068		1160.7	984.4	1071.7	1026.5	1294.0	1154.9	1312.5	3045.6	426.9	873.0	1658.8	1660.5	1154.1
Bbr_1069		583.2	583.2	453.0	453.0	704.0	453.0	704.0	622.0	1234.0	1234.0	368.3	368.3	592.8
Bbr_1070		2377.3	2013.3	1906.7	1856.3	2151.2	3214.0	1790.7	4428.8	1505.5	2314.2	1573.8	1884.2	1884.2
Bbr_1071		212.4	208.7	195.9	193.2	196.5	309.1	247.8	1750.4	264.7	844.4	162.8	237.7	213.4
Bbr_1072		660.2	587.4	607.6	528.1	357.8	638.9	394.4	589.9	629.0	1251.7	281.2	331.3	488.4
Bbr_1073		891.1	729.4	662.1	485.7	594.4	549.7	699.8	998.4	991.2	1557.0	338.9	329.9	696.2
Bbr_1074		671.9	569.5	544.0	429.3	455.6	1048.9	455.6	1425.6	793.3	2188.5	596.0	923.4	581.7
Bbr_1075		1052.2	977.9	943.9	1241.1	688.7	2697.6	636.0	1940.8	841.1	2756.5	1112.1	1789.7	879.2
Bbr_1076		1869.1	2083.6	1459.3	2083.6	1459.3	1459.3	1459.3	625.7	1631.5	2459.9	1674.4	1811.1	1702.5
Bbr_1077		1643.1												

Bbr_1078		1667.4	1671.0	1443.2	2174.3	966.8	3869.1	916.0	4011.0	1639.1	5401.8	1370.4	2745.5	1333.8
Bbr_1079		180.1	159.0	147.8	109.9	114.6	259.3	154.8	967.3	728.5	796.4	161.4	287.7	247.9
Bbr_1080		335.2	333.5	243.8	340.1	314.8	631.4	414.4	3464.2	550.6	1609.1	221.2	310.7	346.7
Bbr_1081		230.4	171.7	207.4	135.3	363.0	205.8	324.2	461.3	336.0	772.4	198.1	334.8	276.5
Bbr_1082		676.2	558.6	576.0	567.9	677.1	927.5	708.4	3046.8	529.5	1043.3	356.8	734.3	587.3
Bbr_1083		1485.8	1191.5	1303.1	1094.1	1094.1	1599.9	2330.9	18032.1	942.6	1636.5	662.4	1716.5	1344.7
Bbr_1084		1375.5	1138.4	1135.8	1033.7	703.7	1235.9	1683.0	68890.0	1068.5	915.4	840.8	3799.3	1233.2
Bbr_1085		984.1	828.1	733.4	411.8	586.9	2076.8	645.6	4180.6	696.7	683.2	704.4	2771.5	725.2
Bbr_1086		54.5	55.2	35.8	38.0	33.3	522.9	40.2	504.1	161.8	319.1	77.5	1217.8	67.2
Bbr_1087		290.3	328.2	242.2	278.8	312.9	191.7	339.5	407.7	334.0	685.4	206.0	455.3	287.5
Bbr_1088		459.1	493.4	382.7	401.5	383.0	429.7	516.5	1356.2	1300.6	976.8	408.6	718.2	575.1
Bbr_1090	aap3	214.0	177.0	201.2	356.2	114.3	174.0	137.1	245.2	455.7	578.9	526.3	173.1	274.7
Bbr_1091		10.3	34.7	10.4	25.1	14.1	6.9	27.9	26.2	351.4	899.0	8.8	35.0	70.5
Bbr_1092		593.2	715.3	479.4	635.1	354.8	934.4	479.6	6079.7	675.8	2266.4	425.1	1379.8	486.3
Bbr_1093		370.5	353.3	296.3	210.6	180.7	139.4	214.4	238.3	599.4	691.5	281.2	87.0	323.7
Bbr_1094		867.3	956.6	700.4	628.8	483.3	378.5	557.0	259.9	1179.1	1176.9	684.4	745.3	745.3
Bbr_1095		193.7	184.9	177.6	182.1	173.4	205.5	231.6	439.3	616.3	613.7	144.4	295.9	256.2
Bbr_1096	trpE	956.2	1011.4	780.8	780.8	559.5	688.1	832.3	878.0	605.8	1523.7	607.9	395.4	745.2
Bbr_1097	hisI	737.7	865.8	596.5	665.6	523.6	418.1	666.9	660.1	1143.8	1899.0	817.5	575.4	747.7
Bbr_1098	hisF	975.8	1248.5	873.9	1032.8	873.9	658.1	633.6	1141.4	751.0	2280.7	817.4	889.2	761.9
Bbr_1100		1482.2	1431.0	1135.6	943.4	847.0	183.6	1044.6	131.0	1881.1	1813.8	1490.6	814.9	1313.5
Bbr_1101	cdsA	3637.1	3789.4	3050.3	2541.9	3073.0	970.1	3031.7	730.0	2527.2	2626.1	2489.1	1035.2	2968.0
Bbr_1102	frr	10403.0	10463.3	10288.6	7846.1	6195.4	2898.1	5176.4	1944.2	5715.5	5280.8	8627.5	3808.7	7734.4
Bbr_1103	pyrH	8156.0	9258.4	7575.1	7669.5	6660.2	3604.7	6654.3	3493.2	4408.7	4218.9	5541.2	2613.8	6499.3
Bbr_1104	tsf	8518.0	7463.8	7098.2	6234.1	6778.4	5615.3	6367.4	5638.5	4361.7	6602.6	5736.8	5016.5	6476.7
Bbr_1105	tpsB	23291.7	22031.4	24663.7	25605.9	19582.0	35972.1	19182.9	38966.5	30990.0	38727.2	40232.5	32840.8	26323.8
Bbr_1106	def	1954.1	2036.1	1601.0	2276.4	939.0	326.6	978.1	201.1	2262.4	3783.2	1916.1	1008.1	1608.5
Bbr_1107	fadD3	3657.0	3702.6	3438.7	3832.4	3732.8	684.7	3312.6	363.7	2893.7	3073.0	1152.0	3348.0	3348.0
Bbr_1108		272.0	202.3	218.1	195.6	228.3	317.9	231.8	519.8	928.9	920.4	283.2	319.7	360.4
Bbr_1109	guaC	3815.6	4514.4	3580.0	4755.4	2266.4	960.5	2362.0	936.1	2167.6	3773.5	3641.7	2972.2	2972.2
Bbr_1110	icdA	1585.2	1676.1	1492.9	1040.9	1796.0	254.1	1934.1	849.4	1878.5	1504.9	1989.6	746.2	1781.1
Bbr_1111		3036.8	2969.2	2604.3	2458.5	1699.4	591.4	1699.4	254.7	3121.6	2195.5	2673.6	812.6	2438.6
Bbr_1112		62.4	55.4	48.4	50.7	50.1	57.8	66.3	192.2	632.2	729.2	24.2	49.1	147.3
Bbr_1113		42.7	35.9	22.6	21.1	17.1	11.7	52.1	58.9	261.4	207.4	36.8	39.2	76.8
Bbr_1114		383.0	393.2	403.0	418.7	440.3	1100.5	440.3	394.2	430.2	437.5	205.0	208.8	388.6
Bbr_1115		739.6	825.5	556.2	772.1	1111.3	2687.7	766.3	4202.7	1885.9	1046.2	189.5	312.9	874.8
Bbr_1117		20.7	20.8	13.6	25.8	16.0	13.9	21.2	17.3	545.0	481.2	8.5	4.2	104.2
Bbr_1118		1124.8	1089.0	1060.2	1003.9	494.2	263.3	618.3	360.9	2228.3	3043.5	1771.4	1196.3	1216.2
Bbr_1119		3031.0	2961.9	2886.4	2969.6	2471.0	1422.8	2898.9	2703.3	3994.2	6134.9	2166.4	1650.9	2908.0
Bbr_1120		1604.7	1306.3	1372.0	704.6	1185.4	152.1	1491.2	537.6	1530.5	1285.6	1727.8	858.3	1485.3
Bbr_1121	dcm	2052.4	1997.2	1726.6	1420.3	955.6	404.4	1017.6	310.0	1081.4	1467.0	1354.5	885.1	1364.7
Bbr_1122	topB	68.4	68.7	40.5	30.4	46.7	50.7	55.3	65.0	55.3	271.9	81.0	827.0	92.1
Bbr_1123	gcp	1639.9	2035.4	1421.4	1587.3	742.7	337.7	828.6	349.8	1608.4	1114.6	1289.5	840.2	1255.1
Bbr_1124	rml	1144.9	1408.5	879.9	1053.1	644.5	601.7	641.0	641.0	1158.1	1920.3	1154.2	1102.1	926.8
Bbr_1125		893.1	1166.9	725.6	1085.8	502.2	968.0	560.1	1030.0	858.4	1681.6	937.7	860.6	746.2
Bbr_1126		609.8	704.3	510.7	537.2	178.1	178.1	333.2	219.3	450.9	819.1	442.6	349.1	440.4
Bbr_1127		810.4	1016.7	721.5	936.2	383.7	200.7	429.2	257.6	1678.4	1565.1	854.7	994.5	813.0
Bbr_1128		355.9	347.0	279.6	410.4	354.3	1400.9	374.3	4573.7	859.2	1320.2	179.1	1065.7	400.4
Bbr_1129		34.0	39.8	24.0	34.3	27.6	10.9	38.3	21.9	377.4	271.8	22.6	231.1	87.3
Bbr_1130	leuS	3523.3	4516.9	3040.4	3345.6	1845.0	1147.6	2088.5	1782.2	2479.4	2456.4	3834.0	3953.2	2801.8
Bbr_1131		568.7	694.1	519.2	666.1	481.6	440.0	481.6	289.6	547.4	1195.0	530.6	908.6	514.6
Bbr_1132	corA	1164.3	1461.2	968.7	1376.0	889.2	1917.1	945.4	770.6	1776.5	2507.6	1938.5	1993.0	1280.4
Bbr_1133		285.3	293.5	212.2	199.3	155.7	221.4	198.3	115.0	551.7	1024.6	463.4	493.3	311.1
Bbr_1134		251.1	239.3	167.3	133.2	106.4	58.3	160.3	119.3	538.5	999.5	189.3	91.2	235.5
Bbr_1135		18028.5	11944.4	16600.6	12769.7	19530.5	32773.2	22007.3	36438.8	21827.1	85431.9	15486.9	7984.5	18913.5
Bbr_1136		249.8	294.9	198.0	236.1	215.9	52.7	299.5	123.1	335.1	940.5	202.8	113.3	250.2
Bbr_1137		198.1	271.6	184.6	324.6	141.6	341.2	181.3	622.0	522.2	905.6	262.0	291.6	248.5
Bbr_1138		97.6	88.6	64.1	79.7	113.0	100.3	97.9	629.2	376.1	558.5	31.3	38.4	130.0
Bbr_1139		424.1	354.7	328.0	162.1	257.3	170.9	308.9	256.8	956.4	435.4	272.8	103.6	424.6
Bbr_1140		1178.2	984.0	1011.7	337.5	848.1	287.1	960.3	359.4	1125.9	1135.5	1185.9	683.2	1051.7
Bbr_1141		446.7	262.2	372.5	95.3	259.5	82.3	327.9	133.0	492.5	942.4	627.5	280.3	421.1
Bbr_1142		109.2	129.0	98.4	97.7	79.7	33.0	113.8	65.5	345.1	272.2	167.0	67.2	152.2
Bbr_1143	agl5	76.0	72.1	55.3	49.2	57.8	136.3	89.4	443.6	637.2	344.7	36.8	86.1	158.7
Bbr_1144		270.4	216.0	189.4	197.7	191.7	151.9	216.7	98.9	1084.9	1084.9	120.6	114.9	243.7
Bbr_1145		54.5	52.4	49.4	38.4	71.5	56.0	99.2	121.4	333.1	341.2	28.1	29.0	106.0
Bbr_1146		173.8	153.5	148.7	112.2	150.5	95.5	222.9	254.8	528.8	366.9	94.2	71.0	219.8
Bbr_1147		173.4	154.5	153.4	77.5	120.5	57.0	170.1	151.5	591.9	413.1	73.9	29.4	213.9
Bbr_1148		75.6	84.6	66.6	58.4	63.2	114.2	76.0	620.0	234.4	297.9	34.5	41.9	91.7
Bbr_1149		903.0	860.9	801.1	881.2	1235.2	1061.6	1225.0	2980.7	744.8	724.7	386.2	217.9	882.5
Bbr_1150		337.1	390.5	226.3	264.2	204.7	389.2	252.3	347.5	476.3	425.4	164.0	122.1	276.8
Bbr_1151		160.9	140.3	127.6	127.6	153.9	127.6	153.9	108.7	591.9	1130.1	210.4	370.7	360.1
Bbr_1152		868.4	786.1	706.4	602.8	631.7	828.6	631.7	1084.7	530.9	1633.7	445.0	537.7	657.9
Bbr_1153		504.8	520.4	440.6	427.8	426.3	593.8	471.9	1017.1	595.6	1730.1	411.0	585.1	475.1
Bbr_1154		432.0	435.3	336.2	402.0	196.6	1051.0	212.4	774.2	873.5	1954.8	385.6	406.1	406.1
Bbr_1155		315.1	221.9	252.1	127.1	162.0	94.1	199.1	128.2	795.8	942.8	276.1	102.8	333.4
Bbr_1156		2849.0	2496.0	2387.3	2269.4	2425.7	1060.0	2727.7	1602.6	5908.1	6957.0	1176.2	3953.9	3375.0
Bbr_1157	relA1	2843.7	2554.5	2144.0	1444.7	1949.1	172.7	2398.8	349.7	1718.0	1270.9	1910.4	628.0	2160.7
Bbr_1158	dut	11236.3	12242.0	9893.4	11236.3	6281.5	9893.4	5676.7	6281.5	5676.7	5362.1	2562.0	6345.2	7520.5
Bbr_1159		8982.7	11437.7	8239.9	6995.5	5838.7	2412.8	6218.8	4865.5	4415.1	2416.5	4996.9	1554.3	6448.7

Bbr_1160		1941.8	2248.7	1737.4	2431.1	1111.8	2393.9	1170.6	3483.7	1221.8	2417.4	1484.4	722.1	1444.6
Bbr_1161		790.8	755.9	681.6	735.5	401.7	761.9	1286.2	401.7	591.9	1049.0	455.5	507.5	703.3
Bbr_1162	gyrA2	524.8	599.8	456.5	537.6	264.0	68.1	302.0	105.1	337.6	750.7	603.0	352.4	414.7
Bbr_1163		228.8	206.3	200.3	163.9	172.8	115.0	245.8	464.1	540.6	329.3	149.2	181.5	256.2
Bbr_1164		87.2	79.7	77.1	63.9	74.4	56.2	94.6	380.0	289.3	188.2	34.1	46.8	109.3
Bbr_1167	lhr	125.5	157.2	110.0	204.8	78.1	110.4	88.2	122.0	557.5	1157.8	99.4	68.0	181.4
Bbr_1168	rbsK1	1458.2	1225.3	1130.3	1130.3	721.7	667.6	791.6	1170.0	1121.2	1739.9	1188.7	1548.7	1068.6
Bbr_1169		360.2	267.1	290.7	197.9	297.6	334.4	381.8	2065.6	1032.8	944.4	409.6	726.4	462.1
Bbr_1170	gyrB2	1010.0	1086.5	900.0	1376.8	1324.6	473.4	1427.5	2226.7	1130.8	2277.3	931.3	718.3	1120.7
Bbr_1171		3064.7	3495.1	2950.1	5135.9	3087.7	14395.0	3120.2	39414.9	3372.3	5683.9	2117.5	2752.3	2952.1
Bbr_1172		22.6	26.9	19.9	26.8	22.3	21.5	28.3	24.6	529.0	342.8	16.6	21.8	106.5
Bbr_1173	idsA	751.4	722.9	668.2	741.9	417.0	417.0	601.3	616.0	1045.1	1229.9	640.1	1437.6	696.2
Bbr_1174	pknA2	1394.3	1566.4	1239.6	1359.5	1510.8	174.8	1745.6	231.2	2624.5	2142.6	1597.6	700.3	1685.4
Bbr_1175	plsCZ	4332.1	4084.8	3823.2	3083.1	3085.9	1932.0	3165.3	2306.6	2937.2	2902.6	3719.6	1705.4	3510.5
Bbr_1176		1601.8	1607.0	1218.4	1185.0	848.6	837.6	958.8	1185.1	1801.0	1795.8	1367.1	665.9	1299.3
Bbr_1177	trpD	1588.8	1755.4	1337.1	1285.7	1139.0	1974.9	1192.1	1219.5	884.2	1375.6	852.5	460.9	1165.6
Bbr_1178	secA	3279.0	4952.9	2856.6	5695.6	1915.8	1620.5	2063.7	779.7	2110.6	2846.4	3583.6	2730.4	2634.9
Bbr_1179		8764.3	4703.8	8179.0	3066.4	6033.5	6377.4	5149.0	5798.5	4281.8	15585.6	7063.0	4321.1	6578.4
Bbr_1180	recX	531.5	635.4	444.5	1323.7	373.2	6354.0	310.8	3378.3	794.1	2772.9	427.9	1182.2	480.3
Bbr_1181	recA	524.0	636.0	453.0	1607.0	1005.0	7049.0	993.5	12769.1	972.6	4014.4	471.0	1174.6	736.5
Bbr_1182		1186.1	1206.8	896.0	1406.4	1766.2	15107.9	3688.5	239431.7	650.1	2355.5	666.7	763.6	1470.6
Bbr_1183	clgR	1357.9	2138.1	1023.8	3877.0	1401.0	76273.8	1018.1	380303.1	2193.8	16702.7	616.0	2041.3	1268.4
Bbr_1184	cinA	874.4	652.0	740.3	534.0	800.9	325.8	990.7	466.5	764.1	1842.6	537.1	1287.2	784.6
Bbr_1185	pgsA2	4171.4	5553.3	2282.5	2001.8	1538.9	780.5	1762.0	568.4	3913.6	5403.8	2652.5	1634.4	2720.2
Bbr_1186	ftsK	689.6	792.8	590.5	802.9	363.1	105.1	523.5	64.2	932.9	2064.0	809.9	645.6	651.6
Bbr_1187	fic	1136.2	1131.2	1015.7	790.9	880.3	541.2	880.3	1166.2	1007.0	1599.4	836.8	503.1	988.4
Bbr_1188	miaA	441.5	493.1	377.1	474.1	284.8	160.2	284.8	104.1	1247.3	1619.7	523.8	495.5	518.0
Bbr_1189		781.3	801.7	740.3	855.8	455.7	781.3	455.7	781.3	455.7	855.8	455.7	781.3	455.7
Bbr_1190	relA2	3166.9	3274.0	2873.3	2842.3	1644.8	1970.0	1627.9	1972.8	2603.5	2300.9	2050.6	1026.6	2327.8
Bbr_1191		631.8	817.4	527.2	938.0	333.7	1434.0	351.4	196.6	1806.1	1723.4	309.0	566.6	659.9
Bbr_1192		14241.1	11507.1	12575.7	9421.8	12680.5	6823.9	9470.9	7082.3	9220.5	15519.8	3990.3	2553.9	10363.2
Bbr_1193		28.1	26.9	22.8	34.2	46.8	56.8	45.7	190.0	739.6	1121.1	11.0	91.2	149.0
Bbr_1194		789.9	707.8	634.0	1002.0	1150.6	1793.5	1227.0	3143.9	1501.8	4422.6	392.7	336.2	949.3
Bbr_1195	acn	2103.2	2224.2	1849.0	1715.5	1848.2	840.2	1284.9	1260.2	1803.0	1803.0	1823.7	1788.8	1757.4
Bbr_1196	ctpE	2114.2	2028.7	1834.3	2028.7	2661.6	221.9	2133.6	221.9	2537.2	1525.2	1057.0	1254.2	1057.0
Bbr_1197		1654.8	1183.5	1448.0	1006.3	985.2	198.8	1329.8	542.3	1948.3	1089.7	1520.7	2250.4	1481.1
Bbr_1198		2126.3	1535.2	1972.5	1342.1	1447.6	273.7	1653.6	340.7	859.4	1224.0	1348.8	1161.7	1568.0
Bbr_1199		3353.5	2306.0	3160.1	1595.8	1717.5	402.9	1773.8	172.2	1509.4	1404.4	2202.8	1763.4	2286.2
Bbr_1200	xth	6867.4	5565.7	5860.7	3240.1	5006.9	1487.3	5451.8	2123.2	3523.8	2575.5	3458.8	1811.9	5028.2
Bbr_1201	xth	403.4	466.3	350.0	412.5	245.5	341.2	245.5	467.8	747.6	886.4	373.3	104.6	389.5
Bbr_1202	oppD2	1951.1	2114.0	1957.1	2326.1	1585.8	551.8	1865.6	1135.8	1899.9	2633.7	3626.6	4138.7	2147.7
Bbr_1203	oppC1	6529.3	7595.2	8065.3	6082.4	9249.4	1359.4	9050.6	4235.3	4235.3	4235.3	7010.7	7256.5	7108.0
Bbr_1204	oppB2	6059.9	8273.0	6749.8	6478.4	2577.7	8051.7	2307.4	2207.4	7725.2	6128.3	6835.7	5000.5	6892.1
Bbr_1205	oppA2	38059.7	37469.5	46126.8	22960.6	3085.9	29498.9	7037.4	33521.1	11982.0	56700.4	37915.0	39423.8	39423.8
Bbr_1206		359.8	392.3	291.1	338.6	236.0	63.9	339.7	70.0	548.4	993.1	253.5	192.7	338.1
Bbr_1207		927.2	996.7	1249.5	1581.0	405.4	545.4	432.7	308.7	1289.3	3722.1	567.1	1356.9	811.9
Bbr_1208		962.5	916.2	801.5	911.2	554.3	84.7	706.8	239.1	989.3	2305.5	598.5	311.1	768.8
Bbr_1209		1843.1	1332.3	1725.6	814.8	1046.6	1237.0	1186.7	1984.6	947.2	1737.8	1167.4	1326.6	1319.4
Bbr_1210	tyrA2	1257.5	1159.9	1124.0	827.8	1143.9	328.5	1116.7	808.4	970.2	1531.5	748.0	1008.2	1069.0
Bbr_1211	pheA	553.7	539.7	663.7	1351.0	272.2	190.5	357.0	91.2	1164.0	1073.1	335.1	840.3	557.6
Bbr_1212		1018.4	1042.1	862.7	1446.2	741.3	3304.0	733.2	712.2	1732.6	2641.9	1732.6	887.6	996.0
Bbr_1213		2245.2	2622.8	2282.7	3715.3	1735.5	5497.2	1364.6	1370.7	3604.5	4841.9	3372.5	4333.7	2434.2
Bbr_1214		371.4	336.2	291.3	267.2	246.4	385.6	254.2	170.9	928.3	872.4	464.2	381.1	426.0
Bbr_1215		212.6	222.6	171.6	179.4	106.8	122.9	151.4	71.7	402.1	458.1	290.5	174.8	222.5
Bbr_1216		156.8	175.1	134.6	162.9	138.1	98.4	180.1	149.8	376.0	468.0	231.7	261.8	202.9
Bbr_1216	iscS	389.5	502.2	369.5	702.1	304.1	331.9	362.6	446.3	736.2	1062.4	290.9	289.1	408.6
Bbr_1219	nadC	206.9	304.5	163.3	366.7	189.0	573.9	237.7	368.7	552.3	931.7	200.0	257.0	258.2
Bbr_1220	nadB	238.2	310.2	187.4	395.8	155.2	196.8	162.4	332.6	552.8	1022.6	194.6	356.3	248.4
Bbr_1221	nadA	531.0	672.1	467.3	859.0	603.7	3713.3	551.8	1104.3	628.8	1407.9	404.2	787.1	531.1
Bbr_1222		248.8	286.3	462.2	402.3	8732.6	308.9	8250.6	467.8	974.4	974.4	216.9	877.7	311.9
Bbr_1223	scpB	419.2	385.7	371.1	399.1	210.8	277.1	234.6	349.1	475.2	961.9	392.9	450.6	350.6
Bbr_1224	scpA	797.6	830.6	697.4	882.1	663.2	201.8	871.1	404.0	783.3	1659.4	562.6	914.1	729.2
Bbr_1225	parA1	2464.1	2497.7	2108.6	2181.4	1428.1	1093.1	1511.1	888.6	3596.1	4512.9	2176.3	2686.4	2214.1
Bbr_1226		1301.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9
Bbr_1227	glxK	317.4	384.1	315.1	559.3	148.3	315.1	201.8	100.5	354.0	779.5	465.7	238.1	300.4
Bbr_1228	rplT	7826.8	8711.0	8165.6	9447.3	9494.6	7268.3	9735.1	4967.4	9022.0	6115.6	17869.0	30029.3	10352.2
Bbr_1229	rplM	10999.0	12451.4	11139.8	13589.9	7995.8	13281.4	6491.0	4211.2	9103.8	6597.5	22309.3	42577.6	11339.8
Bbr_1230	infC	10019.3	11717.7	9541.4	14243.0	7576.1	26175.3	5788.1	14970.3	10813.5	9834.2	18566.9	48973.6	10384.2
Bbr_1231		170.4	305.4	137.2	412.6	971.7	240.5	240.5	3951.5	837.2	1053.4	245.2	491.4	308.3
Bbr_1232		437.7	494.6	384.7	463.3	245.5	196.6	339.9	181.6	584.1	1335.6	580.7	1374.5	429.8
Bbr_1233	gap	12393.4	2046.7	12393.4	11644.7	11243.9	11243.9	11243.9	11243.9	11243.9	11243.9	11243.9	11243.9	11243.9
Bbr_1234		3812.7	3880.1	3526.2	4465.1	4414.9	2866.4	2187.3	2098.7	2798.7	3904.2	2928.3	6901.1	3566.0
Bbr_1235	ispH	513.0	450.1	394.6	347.9	343.9	882.7	547.5	8302.0	637.4	1798.2	336.4	575.7	462.1
Bbr_1236		7290.8	6483.6	6901.2	2891.2	6099.0	1013.1	1396.0	1607.1	3541.8	1781.5	4299.3	2240.9	5757.9
Bbr_1237		5306.6	5253.1	5032.7	2167.0	4176.8	1010.2	4915.8	1607.1	3765.9	1387.5	4867.7	2346.6	4677.6
Bbr_1238		2125.4	1869.9	1996.1	2423.9	2920.3	17157.8	2659.7	47695.3	2361.7	9615.9	882.0	1174.2	2157.5
Bbr_1239	slgH	1373.8	1212.4	1201.2	1036.1	1567.5	1109.0	1596.2	3284.4	2084.6	3432.5	1092.3	1037.0	1485.9
Bbr_1240	mur	1589.7	1480.0	1452.0	1480.0	1452.0	1480.0	1452.0	1					

Bbr_1242		554.4	607.0	538.3	730.6	403.1	519.3	495.5	805.6	724.9	1471.4	914.6	710.3	605.1
Bbr_1243	smc	265.7	228.5	222.0	448.0	248.1	183.8	248.1	425.9	490.0	1811.3	265.8	144.5	286.7
Bbr_1244	folC	5446.6	6093.4	4842.4	9287.1	5464.6	14120.9	4301.1	4593.3	4401.6	21910.0	2455.8	2475.8	4485.4
Bbr_1245	pepP	3009.3	3133.5	2709.8	1438.9	1442.9	2714.1	1438.9	559.2	1865.9	2808.2	3301.9	1654.7	2294.8
Bbr_1246		2292.9	2335.4	2129.8	2010.3	1185.6	487.9	1405.4	621.4	1228.0	2009.0	2739.4	1392.6	1830.2
Bbr_1247	nagA2	1835.5	1278.6	1572.6	1493.9	1091.1	3566.5	954.8	1101.9	556.0	1067.0	1679.8	947.8	1281.9
Bbr_1248	nagB3	5128.5	4059.7	4652.0	4286.0	3896.9	8351.0	3698.6	5149.0	2006.3	1516.3	4094.8	1504.6	3912.9
Bbr_1249		634.8	603.6	563.2	811.1	392.0	2017.5	449.7	1275.5	1126.7	3051.3	587.1	799.5	625.6
Bbr_1250		545.1	397.1	423.2	419.6	335.9	2396.5	350.3	1131.2	807.8	671.0	356.6	416.2	469.8
Bbr_1251		945.4	1410.5	778.5	577.7	649.8	676.1	785.3	420.1	1165.2	541.8	468.8	584.4	798.8
Bbr_1252		6385.8	10659.3	5669.6	7464.8	6660.5	2774.3	7563.7	3201.6	3188.7	2144.2	4016.4	1498.0	5580.8
Bbr_1254		625.2	588.5	519.8	509.7	489.5	706.2	672.1	1634.3	900.7	1153.8	498.1	1230.1	617.6
Bbr_1255	ftsQ	623.8	606.5	516.8	584.4	571.4	351.3	703.8	1020.6	1259.4	1729.0	531.7	971.4	701.1
Bbr_1256	murC	1193.8	1205.0	1008.0	933.5	859.1	293.2	1029.9	285.6	859.3	1660.1	930.0	1146.6	980.0
Bbr_1257	murG	3312.1	3191.8	2750.0	2864.0	2415.7	1707.0	2646.8	2140.7	3349.4	3605.9	2376.3	3614.6	2808.4
Bbr_1258	fstW	2010.3	1946.9	1676.2	1636.9	2077.5	247.3	2012.1	619.3	1707.9	1336.1	1321.7	1701.8	1801.0
Bbr_1259	murD	3364.3	3412.4	2792.9	2393.0	1516.8	654.1	1526.8	395.6	1991.7	2025.1	2023.7	1984.4	2202.7
Bbr_1260	murX	3947.8	3810.5	3547.5	2961.3	3263.5	1084.9	3723.8	1715.6	2732.5	2534.2	2625.7	2934.8	3306.8
Bbr_1261	murF	4268.7	4215.9	3753.7	3453.1	2389.3	881.2	2482.7	762.2	3373.6	2913.2	3162.4	3486.2	3240.1
Bbr_1262		3741.4	4065.3	2422.3	3901.9	2297.6	2297.6	2535.9	2544.8	4483.4	4501.5	2831.4	3891.5	3291.7
Bbr_1263	ftsI	3872.7	3400.7	3279.9	2802.4	2969.0	783.6	3116.2	1055.6	2260.8	3128.0	1797.1	2022.6	2882.6
Bbr_1264		3532.9	3015.3	3043.1	2512.9	1635.9	1169.7	1574.0	567.6	2241.1	4120.3	1398.9	2249.5	2237.6
Bbr_1265	mraW	2150.5	1828.1	1693.6	1696.3	2401.5	2273.2	1932.4	2962.1	1707.9	4675.5	2023.7	2286.6	1814.9
Bbr_1266	mraZ	3103.2	2662.4	2470.8	2240.6	1819.1	4092.6	1622.8	3746.1	2231.9	5214.7	982.2	3160.1	2038.3
Bbr_1267		461.2	411.9	435.8	396.5	312.5	97.0	424.6	174.0	4156.1	5102.6	664.3	343.0	1075.7
Bbr_1268	serA1	654.9	527.9	512.0	362.2	360.4	818.3	411.6	1859.4	1050.4	1347.1	370.6	1006.7	666.0
Bbr_1269		2243.7	2160.3	1795.8	3528.9	3069.7	11825.7	3071.6	34722.8	1943.0	4599.1	1420.8	23053.2	2257.4
Bbr_1270		894.4	894.4	788.5	923.5	1287.9	783.2	1287.9	5937.7	1079.3	6291.6	2939.2	899.3	691.5
Bbr_1271	lexA	2364.5	2639.6	2424.0	4341.0	2911.9	7334.8	2784.2	18427.7	1668.7	5726.6	1094.8	7696.1	2208.0
Bbr_1272	czcD	828.9	1112.0	734.9	1977.2	621.9	5226.6	652.6	1179.9	1125.5	2362.1	308.6	10337.3	712.1
Bbr_1273	ldh2	32896.3	28056.2	38499.9	30483.4	39516.1	14903.1	40814.4	7150.3	13159.8	16484.5	27390.3	9649.0	32046.1
Bbr_1274	hliX	516.2	550.1	437.7	638.5	403.8	347.2	561.6	614.9	1097.3	1111.4	397.0	568.9	568.9
Bbr_1275		753.9	980.0	665.7	932.3	370.4	1142.5	373.3	565.5	898.5	1721.9	587.7	356.6	573.4
Bbr_1276	hrpA	472.9	449.9	409.7	646.8	406.2	296.0	403.7	656.3	899.3	3009.6	445.1	216.2	506.0
Bbr_1277		303.3	350.4	354.4	354.4	354.4	354.4	354.4	354.4	354.4	354.4	354.4	354.4	354.4
Bbr_1278	glnA2	1055.7	1230.2	1016.4	1171.9	751.5	139.2	938.4	285.4	1009.3	1575.3	1652.6	1180.0	1070.6
Bbr_1279		400.1	416.5	319.8	239.9	232.0	128.0	332.0	191.1	925.2	525.6	268.7	80.2	413.0
Bbr_1280	hisA	924.3	915.8	813.3	875.2	457.8	97.4	537.2	134.4	530.9	992.3	809.1	1563.0	678.8
Bbr_1281	hisH	1441.9	1450.5	1122.5	1130.5	809.0	178.7	933.0	261.5	1128.6	1128.6	775.2	1683.5	968.6
Bbr_1282		2251.2	2342.9	1956.4	2104.8	1332.2	448.2	1653.9	380.8	1851.4	2717.9	1956.5	4633.0	1833.6
Bbr_1283	hisB	2690.5	2905.5	2646.8	2739.5	2130.8	565.7	2665.2	1252.9	3158.4	3406.3	2794.9	4971.5	2681.1
Bbr_1284	hisC	3629.4	4010.4	2086.5	3336.3	1978.3	3336.3	2086.5	640.6	5230.4	2271.3	6280.4	6359.2	2693.2
Bbr_1285	hisD	3305.5	3889.2	3209.4	3539.7	3344.1	587.2	4220.1	817.6	1878.2	3577.6	2438.8	8207.4	3082.2
Bbr_1286	acyP	566.1	457.6	589.0	541.1	537.8	583.9	639.6	612.6	1204.4	3196.6	1103.0	6435.7	773.3
Bbr_1287		14760.4	10168.4	14634.9	9954.2	11395.8	9534.4	8165.7	2967.5	4311.2	16723.1	1560.3	620.3	9138.1
Bbr_1288		224.0	400.5	191.4	298.1	244.5	128.2	317.2	163.7	434.3	1060.5	393.6	7560.8	300.8
Bbr_1289	dapA3	305.2	476.2	264.9	376.3	348.9	348.9	219.2	252.2	364.9	533.1	286.1	11430.9	270.0
Bbr_1290		104.8	60.5	103.2	73.4	57.2	223.2	74.3	144.0	273.8	514.5	301.8	15245.8	152.5
Bbr_1291	hisC	212.2	135.0	180.2	149.7	104.7	463.9	104.7	323.2	496.1	1036.5	889.4	34609.3	334.7
Bbr_1293		5608.4	3852.7	4470.5	1261.3	2726.9	258.1	2941.5	302.0	4695.4	2448.3	10562.0	4145.9	5167.5
Bbr_1294	dkgV	1171.8	1720.8	959.7	1175.1	1342.8	1046.0	1046.0	1167.2	896.7	1017.6	370.1	544.1	346.9
Bbr_1295		329.3	396.3	274.9	467.3	182.5	533.3	216.0	725.1	708.9	1017.6	370.1	544.1	346.9
Bbr_1296	dnaE	638.6	558.8	542.8	467.1	696.2	108.2	945.7	618.1	1459.5	1960.7	836.0	461.5	853.1
Bbr_1297		1066.8	2423.2	858.9	1782.9	595.5	2393.3	623.0	969.9	1979.0	2323.2	441.9	1256.1	927.5
Bbr_1298		1680.7	1717.0	1475.6	1496.6	866.3	477.9	1015.0	517.2	1921.0	1523.8	1657.8	2525.4	1436.1
Bbr_1299	ispA	8982.7	6996.7	7050.8	5725.0	7719.2	4663.4	7052.2	8915.6	3372.1	2517.0	4894.4	5594.7	6495.0
Bbr_1300		21066.4	16446.8	20260.7	10918.1	40546.3	4385.9	32239.1	8660.2	19288.0	19395.5	25641.3	23344.6	26507.0
Bbr_1301		7089.7	5958.6	6923.9	5935.7	8642.1	1944.7	8642.1	2113.2	3152.9	5128.7	3057.7	6014.9	6014.9
Bbr_1302		7281.3	7579.4	6098.7	6319.2	7165.5	2921.5	6317.3	1322.1	3867.0	6261.8	4071.8	2597.9	5800.3
Bbr_1303	ftsZ	6990.8	7455.0	6228.1	7023.1	7861.8	10903.6	7722.6	11697.6	5261.7	9720.2	5145.8	4340.2	6535.1
Bbr_1304		448.1	633.3	405.4	589.3	314.7	243.1	484.2	228.1	573.8	969.2	476.8	1666.7	450.5
Bbr_1305	glyS	4501.3	5878.1	4514.0	5584.4	3466.6	3581.2	2912.4	1371.7	5567.3	3850.0	6558.0	13225.7	4586.6
Bbr_1306		568.7	907.7	495.9	1183.7	591.5	3577.2	509.3	3466.1	709.5	1271.7	631.3	13251.1	584.4
Bbr_1307		505.5	864.0	595.1	528.6	319.3	4362.2	331.9	451.5	3372.1	2517.0	4894.4	5594.7	6495.0
Bbr_1308		2831.0	3676.5	2425.1	4250.3	3484.9	14534.8	3075.1	24245.5	1640.2	2521.5	5225.3	64512.9	3113.6
Bbr_1309		2601.0	4158.8	2227.0	4563.3	2416.1	17081.0	1844.7	20695.6	1064.6	2962.6	4761.3	76515.6	2485.8
Bbr_1310		2496.3	3944.5	2185.3	4598.7	2474.1	17703.1	1968.0	24018.8	1257.0	3234.1	5860.0	87827.5	2706.8
Bbr_1311	thiM	597.4	471.4	489.9	572.9	352.7	1738.0	378.5	893.2	751.2	1502.0	320.7	2304.7	481.7
Bbr_1312	thiE/thiC	494.2	412.3	296.3	377.5	296.3	226.3	392.3	218.9	385.9	702.7	478.1	601.7	430.4
Bbr_1313		511.1	527.8	445.9	539.6	399.4	733.7	437.6	831.1	604.4	1638.2	627.6	1063.8	537.7
Bbr_1314	thiD	2952.1	3192.4	2719.4	3695.0	2696.5	2777.7	2777.7	2547.1	3477.1	6789.1	2940.7	1471.5	2315.8
Bbr_1315		2378.7	2489.9	1992.0	2267.1	1414.8	1269.5	1547.5	848.6	2574.4	5226.4	2121.5	830.5	2004.8
Bbr_1316		78.2	109.5	66.7	71.3	69.7	78.6	105.6	89.6	415.6	327.8	39.6	100.2	129.2
Bbr_1317		191.8	173.3	139.5	223.1	105.7	223.1	142.0	361.9	586.8	604.5	169.2	217.6	217.6
Bbr_1318		288.3	219.2	232.3	170.7	188.8	375.3	250.9	1538.0	617.5	434.5	166.9	126.3	290.8
Bbr_1319		159.3	128.3	136.0	67.7	149.0	212.3	184.1	617.5	692.0	332.1	102.3	42.6	237.1
Bbr_1320		217.6	184.4	254.7	249.4	151.9	197.0	255.8	497.6	327.9	233.5	127.6	63.9	222.6
Bbr_1321		729.8	779.9	779.9	903.1	903.1								

Bbr_1323	fosB	60.5	46.6	54.0	34.3	74.6	95.6	88.0	140.6	476.7	167.0	26.3	78.5	130.0
Bbr_1324	fosC	217.2	172.4	167.0	136.5	182.6	235.5	172.9	455.4	528.6	369.9	157.3	112.4	237.6
Bbr_1325	ppgK	22788.7	13838.3	19134.9	5624.3	16862.2	2962.5	15029.6	3091.6	6416.4	3129.8	7382.4	3172.4	14602.4
Bbr_1326		1036.4	986.6	908.5	663.3	670.8	223.3	896.2	393.5	1752.1	1380.0	712.0	101.9	996.0
Bbr_1327		2314.7	2550.1	1952.1	2463.6	1705.3	2268.3	2097.2	2157.5	2787.5	4535.4	1727.0	571.8	2097.3
Bbr_1328		2131.2	1764.4	1921.6	2307.0	1691.5	13660.8	1361.8	1903.0	1725.9	5273.2	1014.8	1661.7	1641.1
Bbr_1329		390.4	352.5	330.3	479.8	214.6	328.5	295.3	80.6	675.3	92.0	252.8	261.1	380.9
Bbr_1330		1271.4	1325.1	1079.2	1238.8	662.7	1021.3	705.7	731.7	2233.8	2311.3	1424.0	525.6	1229.5
Bbr_1331		829.0	512.6	711.8	479.3	574.6	1630.1	690.2	4495.9	1262.9	1065.8	531.2	1101.0	766.6
Bbr_1332		22.8	27.7	21.5	31.3	24.2	17.3	34.6	40.7	488.3	273.9	21.1	53.7	102.1
Bbr_1333		41.8	40.9	24.9	30.1	23.8	30.8	33.0	28.3	673.1	346.3	17.4	202.7	135.7
Bbr_1334		264.5	313.6	206.6	348.5	178.2	395.6	250.6	68.8	1028.4	1121.3	325.9	151.1	375.7
Bbr_1337		926.6	1008.7	870.7	1424.2	720.4	1905.1	817.4	4172.3	1018.1	3335.8	915.1	1429.8	878.1
Bbr_1338		1089.7	1052.4	987.3	1045.0	455.4	233.1	526.1	135.1	1861.5	2955.2	817.4	583.0	956.2
Bbr_1339		4144.6	3150.7	3901.0	2979.9	2227.6	2023.1	2023.3	596.4	3756.0	7093.0	1962.8	1095.2	3002.5
Bbr_1340		128.0	303.5	115.4	564.5	119.6	331.4	166.5	2542.9	429.4	1217.2	133.7	186.9	182.1
Bbr_1341		206.4	381.3	139.5	145.1	113.3	58.0	154.2	118.0	742.6	470.2	218.3	76.5	262.4
Bbr_1342		79.4	87.5	64.9	67.9	49.1	49.0	55.4	93.3	623.0	310.8	64.0	128.9	156.0
Bbr_1343	gluD	344.5	349.3	295.6	249.8	281.7	138.0	352.4	434.4	474.9	756.4	404.4	658.5	358.9
Bbr_1344	gluC	690.2	697.8	635.9	607.9	345.3	143.9	390.4	212.2	965.2	859.4	887.1	964.6	619.0
Bbr_1345	gluB	713.4	798.1	651.8	738.9	689.0	197.1	894.3	538.3	3700.0	1091.6	821.4	1215.7	745.0
Bbr_1346	gluA	583.1	658.4	546.5	640.6	279.8	614.3	319.9	749.8	883.7	1281.2	693.8	1059.9	551.2
Bbr_1347		166.2	184.7	124.8	174.2	161.3	176.0	161.3	377.3	286.7	453.0	92.5	185.5	161.5
Bbr_1348	aspS	7632.2	8624.1	7177.5	8229.3	5121.2	1660.7	5096.4	1872.4	4230.6	3944.9	8098.3	5244.8	6226.0
Bbr_1349	hisS	4266.6	4903.9	4127.4	4877.0	5357.0	1410.4	5016.3	2597.0	3496.4	3492.0	4366.6	2570.0	4438.4
Bbr_1350		2035.0	1946.4	1771.5	1887.7	1160.6	1781.1	1121.5	1093.6	1920.3	2871.3	2606.1	1722.7	1769.2
Bbr_1351		83.0	75.4	59.9	68.4	61.6	83.9	85.9	138.0	657.5	854.3	11.0	12.3	159.6
Bbr_1352		62.7	82.0	60.3	67.5	66.1	167.9	69.7	66.1	67.2	238.3	67.2	67.2	93.7
Bbr_1353	proP	59.9	63.2	44.8	33.4	38.4	37.6	46.1	84.6	617.8	346.1	44.5	98.6	141.9
Bbr_1354		73.5	82.4	59.4	42.3	50.3	50.3	105.9	361.4	528.9	521.9	58.4	136.1	150.5
Bbr_1355	codA	78.7	105.3	64.2	76.6	61.6	121.9	76.0	314.8	829.6	769.8	63.3	54.0	195.6
Bbr_1356	clpC	10231.6	9100.7	9423.3	11455.8	9697.6	6762.1	8567.5	3123.4	5850.4	13877.3	6658.2	4327.9	8404.8
Bbr_1357		2878.4	2717.1	2474.4	2377.4	2853.0	3747.2	1857.3	1885.6	1393.2	2576.1	837.9	501.7	1923.3
Bbr_1358		3887.7	4515.1	3173.6	3390.8	2088.0	723.3	2970.8	953.8	2248.6	2661.0	1852.4	2361.7	2831.0
Bbr_1359	cspB	7919.9	8154.9	6705.3	8317.4	6304.9	6705.3	3506.3	6317.4	3776.1	4304.1	2339.5	1956.2	3574.7
Bbr_1360		837.3	527.1	756.3	500.6	781.5	108.4	1050.0	638.7	1449.8	1186.4	508.8	470.9	897.3
Bbr_1361		4773.9	4141.3	4092.2	3969.4	3177.2	4445.0	2199.8	7956.2	7513.2	7513.2	2367.9	1658.7	4194.8
Bbr_1362		1010.6	987.2	854.7	850.7	766.7	1083.4	1001.0	544.8	1579.4	2737.5	1170.0	1162.9	1063.7
Bbr_1363		279.8	399.1	231.5	323.3	183.3	238.4	267.5	467.5	1123.6	2206.2	87.0	46.9	362.1
Bbr_1364	groEL	31573.5	64972.6	35390.4	130322.0	34839.1	66871.3	24788.4	67460.3	24788.4	91760.7	22707.8	24380.5	36028.6
Bbr_1365	cspA	2914.3	2472.4	2540.2	3225.0	2447.3	11636.8	2606.2	29999.3	4002.4	8169.4	2822.5	5187.1	2888.8
Bbr_1366		5081.0	5300.4	4403.3	5064.5	2924.9	4048.6	2642.9	1554.9	6221.8	7023.9	3972.1	5503.2	4217.7
Bbr_1367	ung	441.4	551.0	350.6	623.4	271.4	552.9	333.3	172.2	1420.5	2044.5	588.5	551.0	567.6
Bbr_1368	moxR2	1338.7	1606.5	1350.9	2433.6	658.2	230.5	739.8	230.5	1871.3	3315.4	3028.5	2011.5	1328.4
Bbr_1369		800.0	878.3	726.4	1035.7	573.9	284.2	763.9	398.4	2922.1	2252.7	1532.6	2617.5	1219.8
Bbr_1370		588.6	596.1	517.1	618.4	324.6	159.2	431.1	189.5	953.1	1111.9	798.0	942.0	602.1
Bbr_1371		750.0	661.1	678.7	602.8	442.2	445.0	530.6	660.9	1492.3	1379.8	1302.2	1394.4	866.0
Bbr_1372		618.6	506.4	428.6	428.6	359.4	91.4	523.6	161.7	1814.1	948.3	1063.3	844.1	819.2
Bbr_1373		854.2	664.0	791.7	671.4	676.9	764.5	647.7	1263.3	1224.8	880.1	1115.2	1072.0	885.1
Bbr_1374		52.0	46.7	34.9	38.0	28.9	59.5	37.4	99.6	706.5	652.8	48.2	291.9	151.3
Bbr_1375		61.1	50.0	46.8	42.4	46.8	53.6	101.1	271.2	306.9	401.8	21.1	122.0	102.2
Bbr_1376		2750.7	3545.1	2315.8	3407.3	2717.7	5711.3	2981.9	12148.1	3391.3	3592.9	1734.1	2351.1	2648.6
Bbr_1377	purB	5066.3	6133.6	4557.3	6430.0	5404.2	2915.8	5548.3	1616.9	6422.5	6323.9	5904.1	4413.2	5483.8
Bbr_1378		672.6	626.5	562.2	716.1	398.8	364.8	429.5	396.9	833.5	1044.0	460.2	340.5	559.1
Bbr_1379		29757.7	22568.8	26376.8	11397.4	40556.8	4481.4	43977.6	35532.0	21669.4	22777.0	14162.0	3401.0	29416.7
Bbr_1380		1379.9	1536.5	1094.2	1395.6	719.6	235.0	635.0	243.2	1494.7	1611.5	856.3	420.0	1061.6
Bbr_1381		2352.3	2815.2	2044.9	1898.8	1628.3	503.6	2084.2	553.6	2496.8	2516.5	1690.5	883.5	2047.7
Bbr_1382		2205.2	2112.8	2112.8	2462.1	2103.4	1471.2	2027.6	1321.1	2809.4	3334.4	1927.2	1164.8	2197.6
Bbr_1383		558.0	658.5	547.4	616.3	688.5	622.0	818.0	2285.6	947.9	1059.9	549.7	308.4	684.9
Bbr_1384	rpe2	26.4	48.7	26.2	29.0	34.3	28.6	40.4	14.3	677.8	182.3	28.2	19.9	138.9
Bbr_1385		189.8	219.0	154.4	71.3	202.4	96.1	238.9	277.9	1137.5	260.2	187.4	93.2	351.7
Bbr_1386		122.4	130.4	120.0	74.0	106.8	101.7	145.1	170.8	375.9	244.9	100.3	53.9	161.8
Bbr_1387		56.4	64.3	46.8	36.3	56.3	33.0	80.6	64.9	750.9	230.9	42.0	38.2	172.2
Bbr_1388		32.1	37.6	31.4	42.0	38.0	31.4	58.3	45.0	114.2	118.0	14.2	77.9	77.9
Bbr_1389		34.1	35.3	21.0	26.8	29.0	22.2	41.8	29.6	432.4	121.2	8.7	39.8	94.5
Bbr_1390		203.4	284.0	177.6	237.9	144.6	302.5	195.8	526.0	863.8	777.2	178.4	84.6	293.9
Bbr_1391		656.7	512.0	952.1	797.5	351.4	463.0	404.6	1231.9	1038.0	1255.8	557.5	781.5	660.1
Bbr_1392	dedA2	771.7	722.6	627.2	607.3	613.5	226.0	869.7	398.5	713.2	1153.0	566.7	1018.0	693.7
Bbr_1393	serB1	68.8	106.1	53.9	121.1	44.6	64.5	69.9	232.8	472.8	581.9	38.7	53.5	124.8
Bbr_1394	prfA	346.7	314.1	260.4	227.9	164.9	72.3	216.7	155.9	606.4	915.5	165.5	249.9	296.8
Bbr_1395		1036.7	983.6	891.4	884.0	1026.7	1345.5	528.5	1324.5	2056.7	2562.1	1797.8	716.4	1144.2
Bbr_1396	fmt	339.8	318.8	288.0	223.2	316.3	226.6	418.9	445.8	1272.9	2076.4	659.0	473.4	549.2
Bbr_1397	livD	4145.4	3864.8	3521.6	2656.2	2280.2	609.6	2419.7	687.8	2455.4	3290.8	2995.5	1763.0	2969.6
Bbr_1398	rpoZ	6085.6	6630.1	5383.5	5669.3	3635.1	4124.5	3154.4	1821.9	7342.4	6546.8	5980.2	3514.9	5263.5
Bbr_1399	metK	4172.4	4999.4	3666.3	4972.4	3109.1	5463.3	2734.7	3157.0	2766.4	5571.7	2733.0	2561.9	3197.0
Bbr_1400		990.9	880.5	705.1	705.1	710.9	878.7	791.0	1202.8	2155.4	1514.6	1236.9	1267.7	1128.4
Bbr_1401		147.0	154.4	89.3	105.9	196.7	478.2	146.7	663.2	983.2	741.2	48.1	264.3	268.5
Bbr_1402		116.4	97.0	82.0	105.2	145.2	158.0	158.3	122.6	314.1	452.0	27.4	35.1	191.2
Bbr_1403		1836.9	2019.5	1566.1	2102.8	2950.5	6962.4	2082.5	8178.5	3511.8	1163.3	441.4	1053.5	2064.8

Bbr_1404		1109.5	761.0	1072.1	908.9	1131.1	1454.6	1179.1	2360.3	645.7	743.8	377.0	607.6	919.1
Bbr_1405	cas2	597.3	300.7	447.8	168.5	296.0	179.6	374.1	557.0	1035.1	769.7	425.1	425.1	543.5
Bbr_1406	cas1	1017.5	489.2	868.3	249.8	596.2	330.8	730.1	507.8	2247.6	861.7	1064.9	719.2	1087.4
Bbr_1407	cas4	1411.1	656.0	1315.0	361.0	1074.7	164.8	2127.6	362.6	2127.6	982.3	1381.0	714.4	1354.7
Bbr_1408		8566.0	4010.2	7990.2	1993.1	9862.4	306.0	6877.2	824.0	7653.4	2083.4	8577.8	3106.5	8237.8
Bbr_1409		4633.6	2523.3	4712.4	1402.2	2609.7	251.1	2844.8	427.0	5029.7	1467.6	5322.6	1851.5	4192.0
Bbr_1410		3183.6	2198.4	2920.7	1224.4	2920.7	471.1	2480.8	681.6	3445.6	1336.1	2540.1	1255.1	2764.0
Bbr_1411	cas3	2677.3	2054.7	2487.7	1334.5	2292.6	703.8	3189.6	6113.4	2407.9	1232.7	1639.7	827.1	2449.1
Bbr_1414	ileS	1977.9	2762.0	1803.6	4445.9	1454.0	2564.6	1437.6	897.9	1496.0	1884.5	2531.3	1915.7	1783.4
Bbr_1415	rbsK2	255.3	191.4	207.1	200.5	139.0	890.9	156.4	1053.8	1127.2	840.1	195.0	563.3	346.7
Bbr_1416	rbsD1	473.3	276.5	441.9	236.9	258.3	952.2	258.3	819.8	988.1	696.5	264.3	953.4	443.8
Bbr_1417	rbsB1	459.4	194.7	364.7	297.7	222.6	61.2	267.5	102.0	504.0	315.4	294.9	111.2	352.2
Bbr_1418	rbsC1	230.1	121.5	201.7	201.7	163.3	66.1	238.2	114.0	690.5	169.7	134.2	71.4	279.7
Bbr_1419	rbsA1	363.5	199.4	309.9	95.7	207.3	192.3	232.0	238.6	468.4	216.9	150.7	138.7	288.6
Bbr_1420		318.3	240.3	256.9	126.5	175.2	138.2	216.0	113.5	1492.7	650.9	227.6	113.5	447.8
Bbr_1421		378.7	288.7	338.1	151.8	228.4	99.8	262.8	157.6	295.8	206.0	207.6	69.1	285.2
Bbr_1422	rbsK3	381.9	366.6	329.5	193.7	165.4	162.9	195.5	263.6	650.8	299.4	146.1	85.5	311.5
Bbr_1423	bdhA	203.4	208.4	190.0	108.5	101.4	78.1	131.5	101.1	549.1	229.0	130.2	75.0	217.6
Bbr_1424	gph	501.8	481.8	411.7	161.7	261.7	38.4	323.1	182.1	766.0	232.1	336.6	137.7	433.5
Bbr_1425	iumH2	1560.2	1764.8	1352.0	581.0	647.7	125.4	772.1	153.8	912.5	268.4	558.3	192.9	967.1
Bbr_1426		829.4	874.9	674.5	484.5	554.6	494.4	684.2	1039.2	506.9	286.9	257.9	108.9	584.6
Bbr_1427	trpF	560.3	645.2	451.5	220.7	260.2	131.2	284.7	339.5	695.0	266.1	248.4	87.5	416.7
Bbr_1428	CbiO1	401.4	471.6	366.9	201.6	221.4	83.9	282.4	98.4	821.7	292.2	198.7	83.8	382.1
Bbr_1429	cblO2	419.8	513.5	340.1	221.3	199.8	159.1	240.5	174.0	872.8	377.1	183.9	112.2	376.1
Bbr_1430	cblQ	624.5	744.4	552.1	422.1	521.8	354.2	716.7	705.3	1145.1	430.1	269.5	179.4	638.3
Bbr_1431		555.5	629.1	446.7	263.8	522.5	353.4	596.7	1111.9	932.8	470.7	82.6	112.5	522.8
Bbr_1432		515.3	560.2	444.2	413.8	279.9	413.3	302.0	343.8	1495.4	830.3	386.2	646.9	570.5
Bbr_1433		296.3	456.9	241.3	453.9	241.3	438.4	631.8	238.3	940.1	637.5	560.2	474.9	419.0
Bbr_1434		189.1	360.8	186.5	590.8	375.0	1201.8	414.7	993.6	488.2	398.2	340.7	231.9	332.4
Bbr_1435		495.9	791.4	428.3	1129.0	322.1	7172.3	309.3	8781.8	1312.7	722.8	467.4	628.1	556.0
Bbr_1437		4594.6	3353.9	4206.2	3591.1	5107.2	7152.2	5871.7	43804.8	5628.7	8636.2	2340.1	2786.9	4624.7
Bbr_1438		729.1	446.7	635.3	336.3	504.1	134.9	662.9	187.9	651.5	517.5	177.0	115.6	560.0
Bbr_1439		1290.4	900.9	1076.2	645.9	746.7	1392.5	729.1	796.9	1280.9	1843.2	555.4	366.5	946.4
Bbr_1440		717.2	606.0	607.7	507.2	438.9	751.4	541.5	2025.4	768.7	1735.2	359.6	273.7	572.3
Bbr_1441		826.7	781.6	781.6	464.8	464.8	105.0	97.9	228.4	234.4	274.4	165.4	108.2	104.1
Bbr_1442	bgI2	1124.9	917.0	1027.7	900.9	1108.4	1566.3	1273.9	2878.3	771.6	1030.8	1187.2	1059.1	1082.3
Bbr_1443		478.1	402.2	383.0	307.5	245.7	189.4	317.8	300.4	1326.9	843.1	278.6	328.4	505.0
Bbr_1444	gshA	1576.2	1008.9	1415.2	790.5	1068.5	175.8	1382.6	229.0	1379.0	2495.9	752.7	393.3	1262.4
Bbr_1445	nrdG	2460.9	3055.2	2110.4	4088.3	1278.4	376.5	1457.7	354.7	3386.2	5691.2	1278.6	781.4	1995.4
Bbr_1446		790.8	514.6	676.4	416.4	683.7	248.6	1103.5	362.8	1015.1	1118.7	697.7	1893.9	827.9
Bbr_1447	nrdD	2641.2	1997.0	2479.6	1712.1	1587.7	649.7	1773.7	513.6	2409.7	3292.6	3416.8	2482.0	2384.8
Bbr_1448	xseA	1253.1	1689.0	1148.8	1148.8	952.7	1148.8	952.7	357.1	1939.8	1164.2	1164.2	1130.4	1392.0
Bbr_1449	xseB	1857.3	1895.7	1738.1	1862.0	949.2	620.2	981.7	832.4	2236.5	1733.1	1804.2	983.3	1594.5
Bbr_1450		1610.8	1632.3	1292.9	1207.3	1056.2	266.8	380.2	380.2	2180.9	1967.2	1490.0	870.0	1417.2
Bbr_1451		35.9	50.3	23.2	47.0	29.9	88.9	48.1	410.5	764.4	747.6	118.5	32.7	170.0
Bbr_1452		244.8	250.9	203.4	159.1	207.5	162.5	266.2	463.4	1192.8	518.8	1134.7	127.8	373.8
Bbr_1453		381.8	410.8	293.7	214.8	272.2	391.3	271.8	525.2	1072.5	846.3	248.4	886.5	413.8
Bbr_1454		540.0	531.3	463.9	504.5	262.3	322.0	313.4	574.8	2426.5	1110.8	545.9	492.3	758.7
Bbr_1455	ppx	1179.2	1089.7	960.5	752.6	899.0	456.1	1060.4	913.7	1142.1	914.4	840.6	376.5	1011.8
Bbr_1456		1337.4	1305.3	1055.9	877.9	751.7	493.9	899.6	283.8	2044.4	1737.0	1802.8	395.6	1315.3
Bbr_1457		1680.3	1890.3	1436.0	584.6	796.5	388.0	266.8	2478.7	1852.7	1432.8	789.0	1444.6	1444.6
Bbr_1458	vsr	561.2	626.7	474.3	474.2	289.3	364.5	339.4	1082.1	1133.8	690.1	437.7	266.6	539.3
Bbr_1459		124.2	123.4	108.1	108.1	70.2	114.6	168.1	61.5	1124.8	599.5	165.0	90.1	300.8
Bbr_1460		591.9	566.4	472.6	589.8	649.4	5433.7	795.8	45166.7	1649.6	2848.3	419.0	1948.4	763.0
Bbr_1461	dapD	1609.8	1560.9	1365.8	1269.2	1337.7	640.8	1462.7	1059.4	934.0	1936.6	1105.5	414.5	1302.6
Bbr_1462	gIIA	292.7	321.4	272.9	272.9	272.9	151.6	276.3	157.0	721.9	1370.5	350.0	1265.7	350.9
Bbr_1463	map	12453.1	12833.3	12257.7	13876.6	23075.1	8303.8	20715.2	18120.4	22023.1	19682.5	32406.7	28519.7	20488.5
Bbr_1464		8880.1	10915.3	8175.8	8175.8	8479.4	8140.7	6923.3	11839.7	19180.0	20775.2	36819.3	26402.6	14698.0
Bbr_1465	pepO	2602.6	2108.3	2526.3	2233.9	1408.3	324.1	1650.5	350.8	3391.5	3554.4	4602.4	2564.4	2696.9
Bbr_1466		58.6	47.4	40.4	34.9	74.1	52.7	66.1	251.3	614.7	788.4	39.7	80.5	148.9
Bbr_1467	proS	2482.6	3200.4	2085.9	2920.6	1839.6	672.4	2470.8	882.5	2509.6	3333.3	2563.8	1478.5	2325.4
Bbr_1468	pIIA2	35.1	34.1	27.0	29.9	37.2	82.2	52.4	347.6	704.5	437.3	36.0	350.5	148.7
Bbr_1470		448.0	402.1	343.8	282.6	212.1	137.8	274.1	151.4	830.2	657.8	526.1	725.3	439.1
Bbr_1471	orn	4193.9	4057.9	3673.8	3114.0	3113.8	3673.8	3113.8	3293.8	3293.8	3381.1	3381.1	2297.4	3469.4
Bbr_1472	guaB	7801.7	7573.9	7137.5	5206.0	4067.5	1698.2	3739.3	2068.0	4374.5	4033.4	9637.8	6502.7	6126.4
Bbr_1473	rfe	777.4	739.6	625.4	557.4	375.5	49.3	466.1	80.3	1258.9	1375.1	866.6	930.1	728.3
Bbr_1474		1538.8	1595.4	1240.1	1273.1	1063.7	461.0	895.7	518.4	1868.7	2009.9	1383.2	962.0	1331.7
Bbr_1475		562.7	784.7	472.9	616.0	270.7	491.7	303.8	681.3	661.8	472.2	1217.9	696.4	581.6
Bbr_1476		622.8	870.5	557.9	682.5	482.3	474.7	632.2	980.8	1233.0	564.4	1007.8	1820.4	891.4
Bbr_1477		1025.7	1427.7	876.2	996.1	559.9	318.0	692.2	378.4	1238.2	610.3	1734.9	989.4	1021.2
Bbr_1478		974.0	974.0	742.6	760.7	437.8	422.6	437.8	207.3	150.7	421.7	1775.9	832.7	945.8
Bbr_1479		2164.8	3221.0	1774.7	1817.2	873.7	207.3	1696.0	207.3	1696.0	749.6	390.0	1886.5	1886.5
Bbr_1480	hemK	561.4	592.6	468.7	730.7	343.8	566.1	417.4	860.4	959.2	1046.6	432.0	717.7	530.4
Bbr_1481	prfA	2197.9	2245.3	1591.1	2028.2	3233.7	2206.1	1925.8	2451.0	2437.6	2437.6	1967.3	1646.5	2340.8
Bbr_1482	rpmE2	21937.0	19216.3	20596.3	25031.6	17257.3	45904.9	18815.1	47064.0	40020.9	38555.0	32613.6	15965.6	25206.7
Bbr_1483		99.9	103.3	88.5	110.2	162.4	696.6	162.4	2134.2	2197.1	1249.4	96.4	400.4	459.1
Bbr_1484		282.4	211.9	249.8	193.5	244.7	390.8	297.2	628.2	780.7	497.3	156.6	363.3	335.2
Bbr_1485	fms	1111.7	1052.9	900.1	973.8	1077.6	1849.8	1107.6	1645.5	1645.5	1546.8	450.5	421.2	331.3
Bbr_1486	dkg	3330.1	3115.1	2906.5	2272.4	1942.5	4131.1	1782.5	3036.4	3548.5	2922.6	1232.3	803.5	2457.1

Bbr_1487		128.0	176.9	114.5	228.8	97.6	368.8	134.3	419.6	456.9	338.3	141.6	295.0	178.8
Bbr_1488	glk	2148.2	2186.9	2066.7	2256.5	1897.3	2256.5	1897.3	2256.5	1897.3	1444.4	2669.8	1482.0	2008.1
Bbr_1489		2780.1	2217.1	2313.3	2032.1	1484.6	859.1	1590.9	1280.3	1636.4	2426.3	1694.6	1142.1	1916.6
Bbr_1490	tesB	2837.0	2969.0	3020.5	3928.6	3020.5	4086.7	3396.7	3027.2	3514.3	5042.2	3254.3	3188.0	3084.8
Bbr_1491		1663.5	1833.3	1456.8	1863.5	929.5	1391.2	912.3	655.7	1563.9	1773.7	862.5	795.8	1231.4
Bbr_1492	suID	1326.9	1003.8	151.8	1163.1	778.1	1834.1	103.0	1875.9	875.3	4589.5	749.2	1163.4	1097.3
Bbr_1493	folP	1229.5	909.1	1052.1	1052.1	850.1	1018.7	974.6	1018.7	1103.5	3223.1	686.0	1052.5	1052.5
Bbr_1494	folE	1478.7	1071.5	1324.3	939.9	899.7	743.6	996.2	1257.3	1500.3	4638.2	1082.7	1482.5	1213.7
Bbr_1495	ftsH	4169.8	3119.3	3700.0	3040.1	2547.7	1809.5	2356.4	1526.5	2655.4	5548.9	2120.5	3044.2	2925.0
Bbr_1496	hprT	10007.5	8060.8	10380.2	9871.5	11059.8	4020.4	9115.1	2226.7	8405.9	29938.0	5756.9	5335.7	9120.9
Bbr_1497	tlS	3727.4	3392.5	3059.6	3570.8	2772.4	4409.3	2874.3	5139.1	4112.9	5963.5	2305.3	1393.9	3142.0
Bbr_1498		996.1	657.3	859.0	511.9	577.5	549.4	620.6	1142.6	1937.7	2368.7	927.9	1046.2	986.5
Bbr_1499		1048.0	752.2	885.0	570.0	510.7	220.7	583.8	315.3	1804.1	3403.5	1189.7	842.9	1003.6
Bbr_1500		1270.3	632.9	1170.1	507.6	980.8	307.2	1266.0	590.4	770.8	715.9	178.6	401.2	939.4
Bbr_1501		1928.1	1027.4	1735.3	807.0	1946.2	562.2	2264.0	1187.0	1136.8	1057.3	314.3	1117.4	1553.8
Bbr_1502		1616.7	1518.8	1420.9	1131.9	1262.7	88.4	1605.2	209.5	1349.7	1200.0	1279.6	1422.5	1422.5
Bbr_1503		4128.7	4272.3	3731.2	3557.9	2370.5	823.6	2616.5	1067.9	4681.2	3031.8	2964.8	2937.5	3415.5
Bbr_1504		860.1	1151.7	744.8	1197.2	804.9	588.7	804.9	558.9	1534.7	2463.1	763.1	197.7	882.7
Bbr_1505	fucO	18581.6	10069.9	14667.2	2540.0	13720.0	4484.3	11848.4	2431.9	9977.8	6701.4	15660.0	9491.5	14075.8
Bbr_1506		1336.5	1177.9	1187.8	1302.5	743.5	1895.9	741.1	613.4	2788.6	3098.8	1223.3	1024.4	1336.8
Bbr_1507		698.6	597.6	555.8	493.2	313.4	203.3	371.3	153.3	1644.8	2103.8	948.9	1438.6	755.5
Bbr_1508		525.1	429.5	479.2	575.3	373.3	2082.2	417.2	5571.2	637.5	1351.6	406.8	3137.5	456.5
Bbr_1509		28.3	26.1	24.0	23.9	25.5	158.4	296.9	87.0	254.1	254.1	45.8	1134.4	40.7
Bbr_1510		109.4	86.8	103.1	76.8	85.4	178.0	102.4	518.6	498.5	567.0	186.6	1366.5	180.9
Bbr_1513	parA2	169.9	148.0	129.5	116.0	129.4	217.1	140.5	251.2	641.3	461.6	47.6	231.3	209.7
Bbr_1514		115.9	69.9	96.0	52.5	78.7	88.6	111.9	263.2	632.4	457.7	39.9	213.6	179.1
Bbr_1515		55.2	63.2	39.7	41.3	37.2	107.2	56.1	204.5	666.9	436.2	92.1	147.8	147.8
Bbr_1516		122.4	122.5	122.5	91.2	145.5	91.2	145.5	91.2	86.4	86.4	541.3	265.9	265.9
Bbr_1517	serB2	611.9	585.3	592.0	586.5	1148.6	888.2	1163.9	3729.5	1337.9	2314.3	854.0	882.8	951.4
Bbr_1518		146.4	133.6	101.2	111.2	142.7	183.9	843.5	843.5	825.9	483.7	51.7	59.1	242.8
Bbr_1519		440.2	427.5	363.4	458.8	211.0	631.3	232.1	704.7	892.4	1134.1	220.0	331.5	393.2
Bbr_1520	pacB	285.7	301.6	237.7	185.4	185.4	58.1	256.1	135.5	515.2	302.5	232.4	240.0	285.4
Bbr_1521		97.5	114.7	85.8	60.3	90.6	33.8	124.5	60.1	136.2	284.1	110.9	118.6	150.9
Bbr_1522		230.3	259.1	200.8	374.0	212.2	1157.9	236.1	1491.5	1341.0	1377.8	144.7	482.7	394.2
Bbr_1523		1585.8	2246.2	1344.2	4502.3	3006.6	16088.2	3006.6	5876.7	35296.4	12596.4	9527.4	2319.0	2319.0
Bbr_1524		1077.4	1426.1	1012.0	2333.1	1124.9	4485.3	1071.2	5624.1	1817.0	4636.2	1020.0	12614.4	1187.1
Bbr_1525		711.3	964.9	604.9	1190.3	689.0	470.7	951.0	1110.0	2001.9	2423.7	482.2	3013.8	906.7
Bbr_1527		251.6	236.1	215.2	252.8	308.7	449.2	298.6	874.6	596.7	674.8	89.0	169.6	293.3
Bbr_1528		102.8	89.5	81.9	87.3	87.2	169.4	99.4	356.1	607.4	590.6	43.7	128.7	170.4
Bbr_1529		191.7	151.5	155.9	152.4	181.0	232.0	250.8	1011.8	996.3	684.4	71.0	154.2	307.8
Bbr_1530		66.9	43.4	52.9	31.2	90.4	56.8	100.0	241.2	524.2	441.9	9.9	56.5	140.7
Bbr_1531		56.2	50.3	46.7	46.1	60.5	46.7	60.5	53.2	739.0	563.7	146.6	51.4	169.7
Bbr_1532		1327.7	1207.2	1032.3	1222.0	1442.3	4883.4	1449.8	7589.2	2353.3	4003.9	953.0	795.3	1426.4
Bbr_1533		819.7	775.4	790.6	925.3	542.6	1425.3	523.7	733.8	2196.9	1325.6	594.9	875.0	911.4
Bbr_1534	rep	6243.7	5370.5	5942.3	3597.8	3248.6	650.0	3098.0	630.3	5095.0	1819.1	4341.8	751.4	4661.6
Bbr_1535		4079.5	4445.5	4034.7	3796.1	4561.6	1019.0	5059.2	1777.3	3343.2	2553.6	2340.6	755.2	3903.1
Bbr_1536		44.9	39.5	42.2	45.6	78.4	31.6	81.1	138.5	1344.7	1414.0	10.0	5.2	266.9
Bbr_1537		181.2	180.8	132.0	160.4	248.9	487.0	283.9	653.0	454.8	491.4	55.4	65.6	226.0
Bbr_1538		634.0	615.8	530.0	499.3	442.7	829.2	571.5	1721.7	1223.3	1202.4	798.1	737.1	699.9
Bbr_1539		89.5	77.4	85.2	97.7	97.2	415.0	102.5	573.7	675.7	556.7	42.1	30.6	182.0
Bbr_1542		24.8	31.2	29.1	21.2	51.2	41.6	50.5	176.8	305.3	267.9	13.0	6.3	77.7
Bbr_1543		18.9	16.1	16.7	23.6	30.0	23.0	28.9	120.2	359.5	341.7	9.7	3.4	77.3
Bbr_1544		188.9	168.3	124.5	141.3	109.6	207.5	151.8	396.9	562.4	485.8	1711.0	1146.2	474.7
Bbr_1545		103.3	97.9	75.8	93.5	152.6	152.6	166.4	576.9	380.6	286.8	19.3	10.9	149.7
Bbr_1546	parB1	141.9	108.5	136.0	116.4	134.6	165.7	167.8	619.4	399.4	294.4	46.5	29.7	171.0
Bbr_1547		21.8	21.0	23.1	30.6	21.6	43.2	29.1	107.4	261.5	232.2	8.4	13.3	60.9
Bbr_1548		30.7	25.7	17.8	31.9	42.8	19.2	53.3	188.9	692.6	252.1	9.5	10.9	141.1
Bbr_1549		302.3	251.4	299.8	314.8	233.3	424.2	330.0	736.0	782.1	501.0	69.4	49.7	336.1
Bbr_1550		272.5	225.0	241.7	261.6	236.7	465.3	261.4	798.0	662.4	634.0	98.4	73.5	295.5
Bbr_1551	lacS	91.9	109.1	66.7	73.1	57.5	145.8	71.4	76.7	366.9	527.8	109.9	62.1	127.4
Bbr_1552	LacZ6	217.2	219.9	171.4	126.7	219.5	1295.2	193.8	1045.8	790.5	543.7	142.9	113.2	289.2
Bbr_1553		329.0	320.7	301.8	311.1	209.1	385.9	277.1	694.7	642.7	1078.3	361.6	282.4	353.5
Bbr_1554		1075.0	786.7	965.9	649.5	770.7	261.2	1062.6	2093.2	791.3	462.5	3737.4	2054.8	1620.8
Bbr_1555		831.6	251.3	251.3	251.3	268.7	787.1	243.0	1674.0	910.3	861.8	206.7	338.1	338.1
Bbr_1556	nagZ	350.0	342.6	349.7	341.1	251.5	273.2	251.5	587.6	792.9	1061.7	756.8	447.7	465.3
Bbr_1558		14237.4	10308.2	12394.0	4058.4	9243.7	1502.1	9915.1	2759.4	5723.8	1393.5	6547.2	15530.7	9676.9
Bbr_1559		21137.3	13906.9	20492.7	7195.0	16133.0	3174.9	14889.6	4169.1	5113.1	1476.7	8046.3	14475.5	14302.0
Bbr_1560		8918.9	6053.1	8029.1	2658.5	10841.5	482.3	12874.7	2308.3	2468.6	948.1	3058.0	4003.5	7698.5
Bbr_1562	ptpA	3464.3	3539.3	3050.4	2951.8	1888.2	1041.1	1899.7	718.9	5257.2	3836.1	3457.9	3169.6	3169.6
Bbr_1563	dfpA	8171.9	9091.5	6695.8	7168.3	5921.9	3807.0	5163.6	2655.7	5961.3	5733.1	3130.1	1922.8	5840.8
Bbr_1564	thyA	6354.4	6957.4	621.8	5728.3	4321.3	6202.7	4869.2	826.2	5274.8	4727.8	2170.3	3469.3	3469.3
Bbr_1565		6154.3	4981.8	5285.6	3308.7	3633.2	2068.6	3657.6	4191.2	4390.0	3174.6	4622.4	1574.1	4623.9
Bbr_1566		28869.6	16672.5	26972.0	6883.2	27711.3	9741.2	28094.8	7772.4	11410.7	20106.5	12428.1	8507.5	22247.7
Bbr_1567		3907.4	4263.9	3734.3	4208.6	2692.5	743.5	2950.0	747.1	2658.8	2967.4	2772.6	3636.1	3119.3
Bbr_1568		1278.2	1050.2	1092.7	777.5	777.3	311.6	938.2	456.5	1567.7	1934.7	1528.3	6683.7	1197.1
Bbr_1569		3390.0	3159.5	2879.4	2843.8	2471.0	1169.9	2960.4	1358.5	3905.1	5672.0	2439.0	18768.2	3007.5
Bbr_1570	serC	413.2	478.6	342.2	371.6	315.9	132.8	428.9	340.2	594.3	1132.2	366.4	482.7	410.2
Bbr_1571		824.0	891.2	891.2	891.2	891.2	1571.7	1571.7	1571.7	1571.7	2341.0	264.7	2341.0	1000.1
Bbr_1572	senX3	628.3	599.5	527.1	406.8	324.7	222.6	361.0	319.7	1637.1	1450.9	506.8	501.9	664.2

Bbr_1573		4156.1				2614.1	2110.0	2040.6	2126.5	2053.5	2872.6	2374.4	2691.0	2062.9	2965.2
Bbr_1574	gpm2	2114.2	3345.5	1548.2	1348.1	1638.4	1348.1	1049.1	2923.4	882.0	4058.2	2934.0	2306.4	2348.7	1996.3
Bbr_1575	menA	1601.6	1608.5	1377.8	1613.0	1613.0	895.6	1072.8	1046.7	640.6	1414.4	1808.3	895.8	1605.0	1205.3
Bbr_1576	lysS	1920.0	2078.5	1824.0	1824.0	1824.0	1057.1	945.4	1195.8	487.4	1886.4	3405.0	2250.9	1446.5	1689.0
Bbr_1577		148.0	243.8	122.9	238.7	95.4	238.7	95.4	151.5	123.6	75.6	743.2	721.0	173.6	234.5
Bbr_1578		1340.0	1376.4	1099.7	1099.7	1099.7	241.2	241.2	696.5	346.7	941.2	1553.8	517.5	89.1	868.9
Bbr_1579		1448.6	1432.3	1173.9	1030.1	1030.1	1249.9	478.1	1674.5	1331.7	1443.9	1874.4	633.0	148.1	1270.8
Bbr_1580		2407.7	2134.7	2087.2	1967.9	1388.2	1388.2	575.7	1433.5	426.2	4142.8	6116.8	2635.3	6624.5	2349.1
Bbr_1581		15903.4	11457.2	13100.6	7640.0	18929.5	1442.8	13749.3	1799.2	4662.9	1374.0	11548.6	9924.1	12982.4	12982.4
Bbr_1582		18770.1	15542.3	17509.0	11246.9	18702.5	18702.5	1964.0	19991.0	2477.7	9846.2	2184.9	19502.7	15296.2	17386.9
Bbr_1583		5490.4	5246.7	4766.9	4522.5	3799.6	4766.9	1725.4	4224.6	856.6	4820.7	2698.8	6539.1	3979.0	4940.2
Bbr_1584		4091.7	3607.7	3447.7	2881.6	3241.6	3447.7	1240.6	3692.7	2023.1	1348.9	1860.1	3148.5	2508.8	3161.8
Bbr_1585	galE	12885.1	12327.4	11949.4	6698.8	8153.9	6698.8	5298.6	6917.2	3097.3	10526.4	9119.0	11620.3	15078.2	10342.0
Bbr_1586		1395.9	1043.2	1263.5	945.9	815.7	1263.5	452.0	957.3	439.6	1476.8	786.2	1697.4	1152.2	1267.8
Bbr_1587	lnbP	2234.4	1463.2	2035.6	1069.7	1287.2	2035.6	577.6	1368.5	529.2	1103.1	1387.7	3071.6	2305.8	1850.1
Bbr_1588		5394.6	4565.8	4799.9	3131.3	7963.2	4799.9	1419.5	8697.9	2374.9	2308.4	1762.5	4033.6	2268.3	5532.9
Bbr_1589		13129.7	10170.0	12690.8	7511.9	16854.2	6574.9	17224.4	8842.8	6912.5	6912.5	3112.3	13686.0	8448.0	13416.3
Bbr_1590		33119.7	21318.3	33487.1	11428.3	47694.5	16690.4	47900.4	46566.2	14865.7	46566.2	6776.0	35271.1	18926.3	35389.7
Bbr_1591	serS	4412.8	4676.5	4034.2	4810.3	3917.7	4034.2	2177.8	3525.4	1212.0	3903.6	4288.3	5621.6	3467.8	4235.9
Bbr_1592		1153.7	1055.4	902.7	810.7	549.1	902.7	255.3	638.3	165.0	2635.5	2915.0	1497.0	1754.4	1229.4
Bbr_1593		1370.6	961.3	1178.1	336.7	685.3	1178.1	452.0	726.4	448.8	1996.3	3034.9	1826.4	2674.7	1297.2
Bbr_1594	ptsG	10187.5	9562.8	9535.3	4209.1	10802.4	4209.1	10802.4	1062.4	6830.9	7893.0	10297.3	11790.5	12234.2	10111.9
Bbr_1595	pgm	8441.3	7743.9	8201.7	5760.3	8421.9	8201.7	1652.4	7045.2	2236.0	7058.1	10468.5	11382.3	8677.8	8518.5
Bbr_1596		86.0	71.2	68.1	74.5	68.9	71.2	247.2	84.4	275.0	900.1	1103.8	55.1	1844.9	210.4
Bbr_1597		13980.3	23397.4	15802.8	34650.8	22132.1	34650.8	81367.2	23762.9	105414.7	5239.4	10332.0	12528.9	104361.1	15574.4
Bbr_1598		6471.1	11759.3	6522.4	18223.4	12230.1	6522.4	43314.0	4149.8	7675.8	2377.1	4478.2	4202.8	6890.4	5992.2
Bbr_1599	mh	694.5	844.8	671.9	1713.3	1767.4	671.9	9485.3	332.0	709.0	1622.4	2571.3	3088.4	21444.6	1362.8
Bbr_1600	rpi	2179.3	2348.2	1878.7	2348.2	1965.2	2348.2	7439.2	1795.2	4831.2	3414.7	3701.7	3498.2	8446.6	2454.5
Bbr_1601		14.3	22.3	11.9	29.6	50.2	22.3	455.8	25.7	69.8	293.8	544.8	61.1	414.4	76.2
Bbr_1602		2222.0	1888.3	2641.5	1888.3	1965.7	2641.5	1965.7	2099.8	1170.4	16167.2	3571.8	2042.4	452.4	4344.2
Bbr_1603	radA	117.1	146.7	91.3	92.7	73.4	146.7	92.5	90.5	338.0	635.6	938.5	121.5	215.8	188.2
Bbr_1604	ribF	583.5	571.6	462.4	475.4	319.2	571.6	261.8	379.9	292.7	1252.4	1798.2	714.5	476.6	618.6
Bbr_1605	truB	224.3	166.1	180.8	138.8	157.5	166.1	127.7	178.0	398.9	902.9	1458.2	366.4	503.9	331.9
Bbr_1606	rsfA	1890.0	1304.8	1229.3	895.6	1542.9	1229.3	972.2	1133.8	908.7	1346.8	2333.0	1231.9	1150.5	1395.8
Bbr_1607	rsfB	2381.9	2815.2	2982.6	2815.2	1863.3	2982.6	1863.3	1863.3	1863.3	3151.6	3315.1	3315.1	3051.2	2737.5
Bbr_1608	nusA	1659.6	1505.1	1427.5	1299.7	1522.2	1427.5	4104.2	1527.0	4229.0	2257.8	3375.1	1763.8	1789.1	1693.0
Bbr_1609		292.4	368.8	255.0	404.7	182.5	255.0	209.3	288.7	861.8	955.0	365.6	220.0	357.5	357.5
Bbr_1610		107.2	93.1	73.7	79.6	81.8	93.1	2078.1	78.1	1841.1	718.8	676.9	83.7	687.5	190.5
Bbr_1611		697.8	693.9	646.6	769.6	467.7	693.9	706.9	622.2	1042.4	3046.5	2974.5	893.9	2302.2	1062.4
Bbr_1612		86.3	93.7	70.0	43.8	59.6	93.7	15.5	74.7	25.3	739.8	394.6	175.3	938.2	200.0
Bbr_1613	truA	453.2	513.2	352.8	459.3	252.0	453.2	449.2	303.4	370.6	754.2	696.4	332.5	4870.5	408.9
Bbr_1614	rpiQ	4021.9	4379.0	4379.0	4379.0	4379.0	4379.0	4379.0	4379.0	2152.4	5462.9	5116.6	4916.4	4916.4	4916.4
Bbr_1615	rpsA	15100.9	21392.8	21590.1	22699.0	30755.9	21590.1	30755.9	31005.0	10831.2	14605.3	12085.0	20925.8	33689.0	22997.2
Bbr_1616	rpsK	28911.3	26971.1	29569.3	26971.1	26798.4	26971.1	18257.5	26798.4	16870.4	21883.4	14833.8	30634.1	39718.3	27765.4
Bbr_1617	rpsM	24710.3	23002.1	29087.2	24792.0	32911.7	24792.0	19994.7	29037.8	40539.6	23008.2	16721.1	30558.3	43354.0	28218.9
Bbr_1618	rpsJ	48554.7	43116.6	60756.4	47134.2	47831.8	43116.6	42070.4	51278.3	126697.8	59001.8	35240.2	63223.9	51957.2	53230.0
Bbr_1619	infA	34855.8	33713.6	45557.8	38524.6	85544.1	33713.6	33005.8	68720.5	196749.1	40163.4	27309.5	42971.7	51262.9	52968.9
Bbr_1620	adk	8749.4	9459.3	7678.7	6518.1	7074.6	7678.7	2238.3	7886.4	2225.6	7016.9	5470.9	11213.5	9951.5	8239.2
Bbr_1621	secY	9411.1	8652.6	8502.6	7654.4	9980.0	8652.6	2611.6	9399.0	1382.4	10212.6	7802.2	7486.9	7145.3	9000.4
Bbr_1622	rpiO	30904.1	35418.6	32661.8	38854.4	32887.6	35418.6	32972.9	26571.3	14831.2	10625.3	12321.4	14727.3	15928.1	24712.9
Bbr_1623	rpsD	38260.5	41843.5	40839.3	43028.5	35676.1	41843.5	41230.8	35676.1	12717.3	35188.5	36775.0	61284.2	59204.7	44315.6
Bbr_1624	rpsE	41475.3	44091.3	47128.7	44725.7	37376.5	44091.3	32809.8	30055.7	12064.9	30200.9	32763.9	66236.8	65228.8	42079.0
Bbr_1625	rpiR	38113.6	39386.6	42980.1	40975.2	30903.0	38113.6	28191.6	22828.8	7913.4	31045.9	29507.6	65476.8	62891.7	38558.0
Bbr_1626	rpiF	27162.0	30113.2	30705.6	32703.0	30159.8	27162.0	24146.8	29606.9	12382.9	20109.0	21394.6	41955.0	47335.4	29949.7
Bbr_1627	rpsH	25398.3	28353.7	31068.0	34255.5	22646.8	25398.3	26172.2	20471.7	12152.6	27939.4	27056.1	47659.6	50926.6	29197.3
Bbr_1628	rpsN	30321.8	33165.6	34983.8	36604.1	28763.7	30321.8	30563.0	28977.7	20267.4	24511.5	25063.3	48082.6	51594.5	32593.5
Bbr_1629	rpiE	30443.9	32796.1	36647.1	36647.1	36647.1	32796.1	32472.0	60830.5	46883.3	36503.8	33789.8	51026.5	55018.1	43015.5
Bbr_1630	rpiX	32437.5	35080.8	40208.6	43789.8	39751.6	32437.5	37951.6	28349.2	40301.1	31039.6	31646.3	45628.4	51828.7	34116.3
Bbr_1631	rpiN	32492.7	35134.7	39224.4	42362.8	38405.3	32492.7	39547.1	40432.6	54911.3	25426.3	27157.0	40021.0	46005.8	36000.4
Bbr_1632	rpsQ	28526.1	32564.9	33498.8	39495.7	50257.3	28526.1	32711.9	37918.3	68021.9	29969.0	31076.9	50022.6	54201.7	38365.4
Bbr_1633	rpsC	24156.3	29128.1	26814.2	32130.5	29520.8	24156.3	18070.5	25015.2	6043.6	20870.2	20787.9	48647.2	51782.6	28570.6
Bbr_1634	rpiP	21750.9	26325.2	24287.6	31605.0	17043.8	21750.9	18887.9	5302.7	16922.5	17370.7	14879.4	46563.3	24430.0	24430.0
Bbr_1635	rpsC	15387.3	19693.5	17675.4	25073.3	16483.6	15387.3	13585.0	15488.0	4539.6	9126.4	9859.0	20882.1	26523.3	15840.4
Bbr_1636	rpiV	12861.0	16774.9	14256.8	11291.2	20298.7	12861.0	11901.2	10280.6	3856.1	8352.4	8876.3	16580.1	21875.0	12267.3
Bbr_1637	rpsS	20259.2	25333.1	24099.8	32074.5	18337.8	20259.2	18337.8	35036.7	11817.3	20440.4	18884.1	41037.8	34656.4	29626.0
Bbr_1638	rpiB	27522.5	31941.2	32396.5	39966.4	55372.8	27522.5	23068.7	35333.0	8503.4	22959.6	22471.2	41418.5	48571.1	35833.8
Bbr_1639	rpiW	24124.8	27804.4	25317.4	31995.5	24661.6	24124.8	24661.6	29605.9	7870.1	18804.4	18351.1	35375.6	38866.7	28497.5
Bbr_1640	rpiD	22955.2	27110.0	26435.3	32225.1	17623.6	22955.2	23072.9	12427.7	5319.4	22324.5	21571.3	38554.9	43068.2	23386.9
Bbr_1641	rpiC	30992.2	33109.2	36688.6	41184.9	33709.8	30992.2	33709.8	45958.4	15948.2	22004.7	20355.7	41168.6	43921.4	38168.6
Bbr_1642	rpsJ	16469.5	17498.1												

Bbr_1734		1591.1	1997.3	1302.8	2350.3	1698.3	4082.9	1403.0	1533.6	1848.2	4014.7	1320.1	11807.3	1527.3
Bbr_1735	rpmA	11080.8	10936.0	9679.2	11192.3	7950.9	14555.3	6739.9	12976.2	14101.8	17557.4	11006.4	28122.9	10093.2
Bbr_1736	rplU	13558.9	14671.7	13948.9	16767.5	10169.1	19875.9	9648.4	31206.7	23279.6	32656.0	21131.2	49784.6	15289.3
Bbr_1737	rne	775.0	899.0	850.6	1181.0	563.4	472.7	685.0	174.5	2437.0	5207.9	174.5	853.6	1027.4
Bbr_1738	dapE	223.4	202.0	243.6	230.8	230.8	196.5	234.4	426.0	1065.2	899.6	410.2	379.0	395.5
Bbr_1739		643.6	502.4	524.1	514.4	408.8	239.9	553.6	258.4	999.8	959.8	634.3	692.3	754.6
Bbr_1740	dapA4	120.6	94.7	124.6	123.1	102.7	391.4	129.7	1398.8	956.4	350.5	168.0	210.3	267.2
Bbr_1741		53.8	42.3	42.2	38.0	39.9	106.1	55.8	212.9	711.4	230.4	108.3	115.5	168.6
Bbr_1742		58.0	62.6	40.5	33.8	35.6	108.9	48.8	182.5	888.2	263.3	111.5	116.2	197.1
Bbr_1743		109.8	71.6	86.5	51.5	61.2	244.1	76.0	348.3	918.9	340.0	298.7	1491.1	258.5
Bbr_1744		269.9	180.1	244.3	164.0	325.7	273.1	494.2	1117.5	1520.6	493.8	479.0	4128.1	555.6
Bbr_1745		437.7	495.4	387.9	433.8	294.8	480.0	357.9	502.9	1968.4	636.9	221.4	153.0	611.3
Bbr_1746		287.2	284.7	230.5	315.9	330.3	75.8	448.1	190.7	771.7	1200.5	520.0	346.9	431.3
Bbr_1747		681.1	693.1	540.9	696.8	405.7	632.9	509.4	820.1	2591.8	1982.8	941.5	754.0	945.1
Bbr_1748		482.4	651.5	424.9	847.5	332.8	1566.1	331.0	725.1	2336.8	926.4	489.2	972.5	732.9
Bbr_1749		1645.4	1560.8	1337.3	1177.7	1156.9	475.5	1536.7	997.4	1909.4	1672.4	1262.4	796.2	1474.7
Bbr_1750	thrB	2424.8	2406.6	2232.4	2225.6	1378.9	901.5	1503.9	471.7	2299.3	2051.1	2335.9	1295.9	2029.2
Bbr_1751	thrA	4530.2	4433.1	4298.9	3463.7	7717.7	1735.8	8448.5	3244.5	5110.0	4097.6	4153.1	1591.7	5709.7
Bbr_1753	lysA	1697.1	1816.7	1428.9	1388.6	804.5	340.9	830.9	379.2	2639.5	2404.9	2662.8	2343.8	1677.3
Bbr_1754		1627.3	2017.1	1545.7	2016.6	1164.4	624.8	1428.5	795.3	2308.9	3254.4	2554.3	2629.7	1771.5
Bbr_1755	argS	2570.5	2119.2	2295.3	1550.0	1154.9	328.8	1457.6	323.3	5946.6	17675.4	2424.0	20810.2	2541.5
Bbr_1756		916.0	569.0	756.7	321.2	410.5	185.6	549.8	445.6	3134.2	5539.0	904.7	2750.3	1112.0
Bbr_1757	murA	8032.6	6648.8	7544.2	7818.0	7453.1	9679.8	6525.8	3093.6	6371.2	7727.9	4288.1	7455.2	6702.5
Bbr_1758	nox	3791.5	1357.6	3456.6	429.1	3833.8	376.8	4490.8	1288.6	2536.6	1441.1	2470.6	1111.3	3430.0
Bbr_1759		605.9	588.8	535.3	441.7	302.5	395.7	352.1	584.2	1200.8	947.3	584.4	694.8	615.2
Bbr_1760		359.7	380.2	319.4	303.2	343.6	162.3	494.8	344.5	1147.6	408.9	317.3	2079.1	497.1
Bbr_1761		384.6	424.4	825.0	2119.1	200.2	199.9	244.6	264.4	704.7	361.2	258.9	700.4	436.3
Bbr_1762		758.8	815.2	612.2	820.1	658.9	314.5	441.3	445.6	1211.6	694.5	642.5	632.3	739.3
Bbr_1763		738.8	957.8	665.9	723.3	788.3	306.2	1098.7	1425.1	1101.0	680.8	689.2	421.1	847.0
Bbr_1764	pyr	680.8	675.3	647.1	714.6	973.4	658.6	2842.5	1305.6	1926.1	1926.1	386.1	382.5	772.6
Bbr_1765		114.1	111.9	99.2	106.2	124.8	179.5	165.0	540.6	998.6	402.1	42.2	82.0	257.3
Bbr_1766	leuD	2947.2	3757.0	2800.9	2128.8	2000.3	242.0	2583.3	639.9	1390.7	820.5	1469.7	707.7	2198.7
Bbr_1767	leuC	4061.0	5348.2	3375.5	2390.7	2722.9	428.2	3591.1	1009.3	1485.5	833.4	1163.8	496.0	2733.3
Bbr_1768		339.4	364.9	319.2	560.5	309.6	683.4	355.3	1102.9	925.5	686.8	262.5	608.2	418.6
Bbr_1769		1427.7	1140.8	982.0	1140.8	1052.2	1513.3	1022.3	1573.3	3342.3	3533.4	891.0	1505.0	1505.0
Bbr_1770	ppk	3438.2	3390.4	2921.0	3050.2	2120.0	1400.4	2268.0	1370.0	3382.1	6192.8	3256.5	2735.8	2897.6
Bbr_1771		2917.7	2626.7	2691.6	3489.4	4287.8	10237.2	4456.8	39835.8	3366.3	7746.2	1714.2	3587.2	3239.1
Bbr_1772		1573.4	1289.8	1416.5	1692.0	964.9	2691.1	1016.3	3773.7	2841.1	5925.7	1299.5	1992.7	1518.6
Bbr_1775		71.2	61.3	52.5	51.2	53.1	120.5	82.7	924.7	1287.3	439.7	18.9	47.2	261.0
Bbr_1776		67.7	58.3	60.4	58.6	59.6	66.3	87.1	527.0	1141.6	580.6	35.7	170.8	242.0
Bbr_1777	upp	5263.8	4169.6	4701.8	2763.1	2611.8	678.3	2744.2	784.1	7824.8	7550.4	4748.4	1080.1	4649.1
Bbr_1778		1072.0	973.6	970.3	709.7	620.4	189.5	717.4	255.3	702.2	2751.2	3376.3	806.8	1250.4
Bbr_1779	glpQ	11762.6	10113.4	11038.1	6368.4	6689.3	1642.9	6073.2	1553.2	3459.5	3517.6	3834.7	7114.6	3911.3
Bbr_1780	glx2	295.1	268.9	227.6	264.0	227.6	828.5	382.4	2959.3	2416.2	1819.2	153.3	609.6	623.1
Bbr_1781	ctpB	453.2	1928.9	399.3	4987.8	1199.0	25401.5	1848.6	165350.7	2008.5	9630.6	308.0	2760.4	1036.1
Bbr_1782		340.4	283.2	254.3	132.8	188.1	120.9	218.5	171.5	1789.2	1012.2	228.1	100.1	503.1
Bbr_1783		2896.6	2656.0	2420.5	2646.4	2253.6	2056.3	2415.4	1364.7	3716.7	6097.6	2790.6	3191.4	2748.9
Bbr_1784		3293.8	2570.3	2741.5	1774.3	2296.9	4553.8	2335.9	7765.7	4780.2	4681.6	2005.4	3201.8	2908.9
Bbr_1785		1017.4	459.5	938.0	690.1	1090.8	1090.8	927.1	3740.9	2508.5	2244.5	538.4	1196.2	1103.3
Bbr_1786	gfl	1548.1	1836.2	1409.2	1326.1	816.9	1687.5	846.2	1292.0	2586.3	1997.1	1119.5	863.9	1387.7
Bbr_1788		276.2	271.1	251.2	267.3	139.5	202.6	171.7	150.6	1759.2	1329.0	495.1	299.4	515.5
Bbr_1789		768.8	757.6	648.8	566.1	678.4	329.8	915.0	1469.8	2406.3	824.7	424.7	303.9	973.7
Bbr_1790		258.2	252.3	207.8	153.8	130.0	45.4	154.2	119.5	2115.8	454.7	644.7	144.4	585.1
Bbr_1791		437.1	443.8	396.5	405.0	302.0	119.1	393.4	263.3	2353.2	577.4	656.2	176.6	756.4
Bbr_1792		1969.1	1312.9	1807.3	1000.1	1000.0	217.3	1097.5	808.9	2140.5	534.9	1758.2	686.4	1628.8
Bbr_1793		7104.4	5286.7	6110.9	3392.2	4685.8	724.1	5235.4	1566.5	5939.2	1715.5	6018.8	1839.4	5849.1
Bbr_1794		3538.0	2902.8	3623.7	2358.4	3599.7	385.0	4790.5	1782.5	4833.3	1693.9	3093.0	1070.9	3911.3
Bbr_1795		6286.7	5095.6	5584.3	3638.8	5307.2	754.0	5533.4	1714.3	5661.8	1969.0	4236.4	1463.5	5435.0
Bbr_1796		2141.9	1978.5	1912.4	1956.9	1465.0	1114.4	1723.8	1419.3	3331.0	1798.9	1666.8	1778.3	2040.2
Bbr_1797	rmlA	7047.3	6082.1	6643.8	5406.3	4922.1	6526.9	4192.0	4158.1	7548.3	5996.4	5784.8	4683.9	6023.0
Bbr_1798	rmlCD	5587.3	5868.7	5302.5	5418.4	3305.4	1723.4	3145.2	1036.3	7936.3	9856.5	8705.1	8224.0	5663.6
Bbr_1799	rmlB	3838.9	4380.7	3014.8	3706.9	2887.3	2513.3	3012.6	2195.2	5467.2	6486.1	4269.1	2412.5	3748.3
Bbr_1800		602.6	716.8	514.9	659.8	291.7	130.3	334.0	325.7	1867.8	1112.0	709.5	566.4	720.1
Bbr_1801		1144.3	1121.1	913.0	843.9	807.0	220.3	1032.2	286.2	2354.6	1652.7	1680.4	462.3	1332.5
Bbr_1802	lytC	1079.0	1109.9	901.4	899.9	614.3	437.4	645.8	659.1	3754.7	3068.9	1411.4	2056.8	1401.1
Bbr_1803		3834.5	3871.8	3490.2	3376.9	2568.7	1167.9	2470.6	1881.1	7766.9	4577.9	3078.0	5901.7	3668.1
Bbr_1804		3221.9	2701.7	2989.5	2097.3	3404.8	1098.7	3459.4	1182.9	2593.3	1537.5	2104.2	2962.2	2962.2
Bbr_1805		4083.9	3712.0	3764.5	2841.8	2624.2	1156.7	3147.4	1135.0	3668.3	2245.8	3042.5	1408.4	3388.5
Bbr_1806		479.0	378.4	443.0	421.4	421.4	378.5	492.6	1229.7	1083.5	1282.3	324.1	216.6	529.8
Bbr_1807		306.3	370.9	226.0	338.7	195.3	104.0	242.9	215.6	851.0	716.4	326.4	867.7	358.0
Bbr_1808		49.6	899.5	640.9	640.9	3366.4	4576.7	3366.4	4576.7	3366.4	3469.8	3469.8	5769.4	5769.4
Bbr_1809		1131.2	1305.4	943.3	1360.6	619.7	4028.0	657.8	8913.6	1622.0	3016.3	1022.7	2820.6	1165.9
Bbr_1810		662.7	267.4	551.5	122.1	336.6	235.9	414.7	285.8	1901.9	687.7	924.4	890.7	798.6
Bbr_1811		1614.1	685.3	1350.8	330.9	1043.6	580.4	1360.5	2843.8	1803.4	1263.3	1736.6	2168.6	1484.8
Bbr_1812		265.9	273.1	201.4	237.9	149.0	703.7	180.2	776.2	1656.9	962.3	185.2	1436.6	439.8
Bbr_1814	oppA3	42.7	80.4	31.5	84.6	28.6	43.6	41.6	109.4	693.1	318.1	16.8	13.6	142.4
Bbr_1815	oppD3	37.0	41.5	37.5	40.7	36.1	40.7	42.3	100.7	572.4	500.7	14.2	19.5	123.2
Bbr_1816	oppC2	49.6	49.6	47.2	49.6	47.2	49.6	47.2	49.6	47.2	49.6	47.2	49.6	47.2
Bbr_1817	oppB3	54.5	57.0	37.1	60.8	33.0	33.6	43.0	3					

Bbr_1818	pepC3	812.1	1429.5	681.1	1240.3	954.1	348.4	882.6	667.8	1579.6	1815.6	737.2	455.4	941.1
Bbr_1819		694.5	582.7	582.7	417.4	457.6	5641.2	487.7	9185.4	1679.0	1527.8	876.6	2116.9	796.3
Bbr_1820	metG	3280.0	3519.4	2696.1	3283.6	2841.3	958.3	2769.4	907.4	2751.8	2845.8	2918.8	1799.7	2876.2
Bbr_1821		45.5	28.4	38.5	23.0	45.4	12.8	49.4	25.7	1206.1	596.0	50.5	11.7	239.2
Bbr_1822		69.0	42.1	61.5	31.0	56.6	17.9	70.8	100.1	2003.2	629.2	71.4	29.7	388.8
Bbr_1823		771.2	684.7	684.7	684.7	507.8	596.5	634.4	541.1	1204.1	2029.8	648.4	1849.9	741.8
Bbr_1824		649.2	684.8	562.1	596.1	509.4	1377.7	509.8	351.9	850.5	781.0	252.2	164.7	555.5
Bbr_1825		290.9	277.6	230.9	286.6	127.5	197.6	327.5	530.5	2167.6	1916.7	237.4	259.2	563.6
Bbr_1826		239.0	450.5	269.9	2417.9	506.2	9821.3	227.0	587.7	1306.3	3173.5	184.5	473.3	455.5
Bbr_1827		535.0	1029.8	594.4	4892.9	903.8	30774.3	343.8	2213.8	1396.5	4630.4	238.7	1314.0	668.7
Bbr_1828		322.6	260.5	260.5	1557.7	830.8	32360.1	347.1	17698.9	1771.3	1959.7	173.9	592.4	617.7
Bbr_1830	maa	624.9	599.6	541.0	409.9	335.9	154.3	398.9	155.9	1501.3	866.7	596.0	223.3	666.3
Bbr_1831		577.5	658.8	480.4	451.3	258.2	240.9	331.8	216.8	2334.0	1381.6	452.9	198.6	739.1
Bbr_1832		137.2	113.5	91.1	42.7	138.8	47.9	189.6	127.9	1407.1	276.2	186.8	464.5	358.4
Bbr_1833	lacZ7	130.1	119.0	93.0	59.2	80.7	161.8	112.4	137.4	1187.7	263.6	143.8	449.8	291.3
Bbr_1834	rbsC2	109.9	92.6	84.2	71.9	63.3	59.9	83.0	105.3	1348.8	317.3	71.9	88.4	293.5
Bbr_1835	rbsA2	57.6	55.8	44.1	34.4	40.3	54.7	50.4	108.2	865.6	218.6	54.4	94.6	185.4
Bbr_1836		119.2	102.9	87.6	51.4	96.6	87.3	96.6	136.5	1058.4	338.7	94.6	219.0	259.6
Bbr_1839	aap5	691.6	727.8	600.8	767.1	410.8	488.9	446.1	671.5	1214.6	1009.9	442.4	369.8	634.4
Bbr_1840		1837.3	1077.0	1636.5	637.6	872.0	46.2	1060.5	116.1	1681.5	1120.4	457.8	91.1	1257.6
Bbr_1841		2668.1	2092.0	2497.9	1755.4	3804.4	4030.3	4332.1	15833.5	3099.9	4542.6	642.1	1599.3	2835.7
Bbr_1842	aap6	727.4	1099.4	609.9	744.7	425.1	202.3	592.5	324.7	2222.1	948.5	182.1	611.5	1066.3
Bbr_1843		12734.9	6564.9	10564.4	1165.4	8143.0	1985.7	6940.2	1205.3	3742.3	1693.7	808.1	476.6	7155.5
Bbr_1844		36640.0	15628.3	32429.9	2938.0	28081.2	4228.9	25298.6	2866.7	7341.9	3327.0	1769.2	1193.9	21926.8
Bbr_1845		53017.5	21214.1	40867.7	4362.5	36862.9	7556.4	29307.8	6679.2	7220.5	3721.6	1711.4	1510.1	28164.6
Bbr_1846		979.1	822.7	852.3	553.8	480.8	795.5	495.0	384.5	2075.2	1977.2	584.5	1172.0	911.2
Bbr_1847		85677.8	36301.2	127787.2	7981.5	145504.8	3996.4	164047.3	6200.1	40532.9	6978.0	12648.3	7685.5	96033.0
Bbr_1848		267.4	1421.6	307.7	1421.6	2074.9	325.4	2245.2	1317.0	2245.2	1810.5	34283.9	2288.2	30289.9
Bbr_1849		1846.7	1509.8	1595.0	1340.4	1131.4	1318.0	1268.8	1930.3	1989.5	2473.9	1017.7	351.3	1474.9
Bbr_1850		20656.3	15367.8	22892.0	13796.0	14752.9	4439.7	5346.3	7226.4	19056.5	5874.9	1396.1	14024.7	14024.7
Bbr_1851	pip1	4270.6	2537.3	3914.8	1706.7	2460.1	201.5	3005.5	326.3	2457.9	3966.2	1081.6	190.6	2865.1
Bbr_1852	pip2	3765.4	2385.1	3267.8	1206.8	3735.9	205.4	4287.0	547.9	1372.6	1925.4	403.1	108.3	2805.3
Bbr_1853		1204.2	1592.0	1084.4	1822.9	1433.2	796.0	1676.7	815.6	1049.1	1049.1	772.4	2606.8	1203.3
Bbr_1854	tdcB	1955.7	2336.7	1618.5	2081.9	940.6	1276.9	900.0	443.3	1146.7	1806.1	1308.9	458.8	1311.7
Bbr_1855		405.8	2092.0	285.9	624.9	347.0	168.5	347.0	410.2	585.4	324.6	97.5	374.4	405.8
Bbr_1856		135.0	144.3	107.3	104.8	127.7	79.9	166.5	222.6	662.0	282.9	107.2	77.4	217.6
Bbr_1857		150.6	177.9	109.7	159.5	152.2	132.4	164.5	376.6	365.6	408.3	113.5	128.2	172.7
Bbr_1858		142.0	142.1	137.5	194.1	72.8	201.6	87.2	183.0	1344.8	711.4	142.5	83.6	321.1
Bbr_1859		110.7	123.8	89.0	150.2	85.6	196.4	119.1	91.0	928.8	704.6	128.1	74.5	243.6
Bbr_1860		347.1	366.2	307.3	644.7	213.0	1832.0	238.7	3727.4	2909.8	1230.3	412.2	286.9	738.0
Bbr_1861		409.8	585.1	397.6	1470.1	232.9	1700.9	246.9	549.5	2087.5	1188.3	466.7	242.2	640.3
Bbr_1862		960.0	1050.3	902.3	3705.1	690.4	1092.5	630.4	3119.9	2047.2	916.9	771.7	1303.6	1303.6
Bbr_1863		408.7	567.3	371.1	863.1	360.6	1075.2	449.0	1495.0	3019.6	976.9	308.6	324.6	819.6
Bbr_1864		346.1	506.7	289.6	632.5	249.1	392.7	338.2	656.8	1431.8	869.0	286.2	180.9	490.2
Bbr_1865		83.2	46.3	70.8	41.4	69.0	47.2	93.2	61.9	1306.6	498.8	141.1	59.5	294.0
Bbr_1866		132.4	42.0	120.8	32.9	148.5	112.6	188.1	188.2	1156.4	325.9	172.2	106.5	319.8
Bbr_1867		240.5	126.5	203.5	104.6	276.5	612.3	303.4	782.1	1214.7	615.8	198.7	129.6	406.2
Bbr_1868		223.1	183.6	243.7	151.9	126.1	182.8	155.1	574.4	727.2	424.1	224.8	149.5	273.3
Bbr_1869	aga	1207.0	819.3	1008.0	1008.0	1949.9	388.9	887.9	484.3	1655.1	624.8	951.2	540.6	1078.9
Bbr_1870	mesJ	503.3	498.0	461.9	515.6	752.4	1069.5	492.1	5250.2	1715.2	1324.0	282.0	660.4	1981.3
Bbr_1871	nhaP	941.5	1015.9	854.9	1046.7	560.8	556.5	579.6	771.5	2648.3	1640.4	563.4	265.5	1024.7
Bbr_1872		97.3	96.2	73.7	78.8	90.7	161.4	117.0	465.6	2101.7	832.7	90.8	249.3	428.5
Bbr_1873		1189.8	757.2	903.6	371.3	639.8	492.7	719.0	458.2	2223.9	1364.3	956.8	1105.5	1105.5
Bbr_1874		5163.4	3573.7	4472.1	2644.9	3903.4	10842.6	3693.9	28329.0	3886.6	2997.9	2620.4	1212.5	3956.6
Bbr_1875	dcd	1905.9	2027.2	1763.7	2116.6	1072.5	1577.0	1045.5	1008.9	5001.9	3549.6	1560.9	733.8	2058.4
Bbr_1876		1926.3	1992.2	1757.9	1949.9	813.6	602.3	697.3	349.2	3286.6	2854.0	2040.1	1353.8	1787.6
Bbr_1877	pacL2	1635.8	773.6	1362.4	379.8	870.0	942.2	1070.7	1070.7	4422.6	2754.3	2882.5	2200.6	1981.3
Bbr_1878		1590.6	658.4	1244.3	658.4	841.5	913.9	966.9	639.4	928.8	639.4	1612.3	1327.6	1122.0
Bbr_1879		2684.1	1253.0	2322.0	580.0	2660.4	1487.0	3051.3	4455.4	2227.9	1437.8	3290.2	2582.9	2706.0
Bbr_1880		1723.9	702.8	1495.2	152.8	1206.3	424.5	1608.8	377.7	676.6	1151.8	2363.1	1376.9	1512.3
Bbr_1881		64.3	65.0	52.3	53.8	53.6	54.8	70.2	63.6	449.7	384.3	59.6	36.8	124.9
Bbr_1882		1729.3	1529.9	1444.5	1301.9	1090.6	985.6	1291.7	796.2	2279.3	4108.5	2362.3	1699.6	1699.6
Bbr_1883		700.8	721.4	621.5	557.1	648.6	1416.7	855.8	2115.6	1085.5	753.3	618.5	359.6	755.1
Bbr_1884	galT2	653.7	881.6	881.6	881.6	1020.2	1537.6	1708.4	284.2	1774.3	1872.1	631.1	318.1	715.4
Bbr_1885		1537.7	1505.5	1327.1	1055.0	769.2	417.5	857.9	459.8	3240.4	2697.4	2028.1	971.2	1626.7
Bbr_1886		214.6	225.9	163.1	131.0	165.8	75.1	225.8	200.3	1330.2	334.9	100.0	64.9	366.6
Bbr_1887		462.6	529.3	404.3	389.2	375.8	301.8	553.6	1709.8	1696.6	522.3	164.2	629.3	629.3
Bbr_1888		1150.5	1336.5	1004.0	911.6	1434.0	162.7	1342.1	908.0	2114.3	608.0	638.2	180.8	1280.5
Bbr_1889		382.4	957.0	359.5	404.7	184.2	63.4	215.4	151.0	895.7	445.0	159.8	57.2	366.2
Bbr_1890		49814.8	18574.5	49324.1	6851.7	45369.2	3666.5	49424.9	11946.3	35894.6	15109.0	77085.1	15454.9	51152.1
Bbr_1891		1376.4	1852.2	1687.1	1852.2	1687.1	2212.2	1708.4	2655.5	4032.8	3590.7	850.0	2690.0	2690.0
Bbr_1892		11507.9	4198.2	10001.7	1347.2	10002.9	7497.6	7697.3	2282.1	17689.5	4230.8	351.4	291.5	9541.8
Bbr_1893		9191.8	3295.0	8117.3	993.1	8850.6	8453.6	7532.3	3936.5	25228.8	7245.0	309.7	282.4	9871.8
Bbr_1894		16524.9	6296.9	15585.1	1697.5	18241.4	15052.5	20394.7	36887.7	41228.5	17311.3	337.4	445.1	18718.7
Bbr_1895		280.1	316.3	250.0	249.6	200.1	120.6	313.7	185.9	977.1	1101.3	227.8	105.5	374.8
Bbr_1896	virR	701.5	589.5	678.4	574.1	964.9	1232.6	882.6	4981.1	2261.0	2754.8	567.2	1009.3	1009.3
Bbr_1897	virS	437.1	397.3	336.6	265.6	211.5	237.0	248.9	358.8	906.3	984.2	295.8	134.8	406.1
Bbr_1898	ntf	620.7	484.6	484.6	484.6	321.1	357.6	484.6	413.6	2034.5	1813.6	618.7	774.8	774.8
Bbr_1899	ntfE	867.4	646.5	756.9	455.4	520.7	247.9	658.2	380.8	2385.5	1727.7	1024.8	2805.2	1035.6

Bbr_1900	nrdf	2278.9	1522.1	2011.8	1312.2	1628.5	1854.1	1663.7	1107.3	3912.9	3160.1	5726.5	19978.7	2870.4
Bbr_1901	nrdfH	2959.2	1872.5	2582.2	1526.4	2278.9	2501.2	2113.0	1834.1	2796.7	3082.0	5922.0	12755.0	3108.7
Bbr_1902		122.0	185.0	99.0	414.1	100.2	177.0	129.4	258.5	1139.0	574.2	99.0	64.8	281.4
Bbr_1903	bgf4	137.5	203.3	126.1	516.4	149.0	143.8	150.0	257.4	1033.9	789.4	110.7	83.3	284.5
Bbr_1904		331.6	285.5	279.9	283.7	280.4	545.7	336.7	863.8	1164.1	413.5	170.9	623.4	427.3
Bbr_1905		264.3	295.5	208.5	235.8	140.2	227.4	186.5	267.0	7721.1	5300.0	2220.8	193.4	1445.0
Bbr_1906		90.9	89.2	81.1	94.2	64.4	121.8	92.5	287.9	654.9	231.4	17.6	168.9	168.9
Bbr_1907	bgf5	143.3	202.9	119.7	215.8	170.4	297.8	232.4	1988.4	2151.1	708.8	230.1	451.0	507.8
Bbr_1908		487.6	446.6	380.7	427.7	417.1	111.2	563.0	234.4	694.7	1201.1	248.9	278.7	465.3
Bbr_1909		4417.3	5102.5	3730.2	6349.5	2715.9	3218.7	2645.5	761.3	5503.7	7136.8	2119.9	1829.1	3522.1
Bbr_1910		1613.3	1888.8	1412.3	1758.8	736.0	400.1	784.1	160.7	3575.2	2036.0	2159.4	2364.3	1713.4
Bbr_1911	ksgA	1210.1	1356.1	1024.0	1264.4	584.0	236.3	657.6	199.5	3010.0	1816.1	1224.2	974.9	1285.0
Bbr_1912	ispE	1755.1	1779.9	1441.4	1455.1	1223.9	177.0	1527.1	550.3	2489.4	1348.0	1307.6	889.0	1624.1
Bbr_1913		2318.0	2146.8	2001.4	1616.9	1322.7	689.0	1700.2	566.7	4698.3	2768.5	2251.1	1380.3	2498.6
Bbr_1914	pcnA	1068.5	1128.7	852.9	997.0	596.8	1751.9	632.3	1560.8	2292.4	1726.4	945.0	532.9	1064.6
Bbr_1915		1570.4	1400.3	1458.6	1542.4	1507.7	1107.1	1537.4	1170.9	2675.5	3767.3	1422.8	1319.2	1695.4
Bbr_1916		1063.0	1074.4	974.0	926.7	777.9	122.1	962.8	410.1	3256.1	2322.5	1149.2	653.4	1363.8
Bbr_1917		2888.2	2879.5	2420.0	2272.1	1420.7	422.4	1579.8	271.1	4240.4	2898.1	3094.7	731.9	2607.3
Bbr_1918	trxB2	2400.1	2097.4	2168.7	2733.7	1638.9	6832.0	1336.5	1061.3	3432.4	2700.2	894.4	992.7	1978.5
Bbr_1919	parB2	2946.8	3345.9	2620.8	2687.9	1536.8	828.2	1525.7	400.0	1693.4	905.3	1875.9	810.7	2033.2
Bbr_1920	parA3	1949.4	1765.7	1495.3	1497.4	982.3	1664.4	965.3	1229.5	3043.8	1067.4	1582.8	1224.1	1669.8
Bbr_1921	gidB	2157.4	1735.5	1653.9	1082.4	1224.6	1415.4	1177.1	986.6	3181.1	683.1	1835.2	648.4	1871.6
Bbr_1922	jaq	3624.4	2763.1	3057.8	1614.1	1342.4	918.5	1350.8	540.1	2926.4	1292.9	2623.2	705.9	2487.5
Bbr_1923	YidC	2021.8	1918.6	2215.1	1823.1	932.5	986.8	1055.9	346.3	3707.3	1642.0	3359.5	5408.7	2215.3
Bbr_1924		2893.3	2906.3	2957.0	2902.3	3616.0	2922.8	4310.2	3755.2	6415.9	3047.7	3795.9	10765.1	3998.0
Bbr_1925	mpA	10600.3	11539.3	8967.9	12006.0	8008.5	10675.9	6747.8	7136.5	9402.0	6734.9	8706.8	17457.3	8738.9
Bbr_1926	rpmH	12503.6	12954.3	12347.0	14021.5	12142.0	9762.1	10822.8	11118.8	14168.1	10882.0	10584.6	17061.8	12094.7
	tRNA-Glu	10301.8	4565.6	8853.1	5100.2	8591.6	1945.9	5806.1	1512.2	8623.3	2425.1	26624.3	19910.0	11133.4
	tRNA-Gln	3910.1	2711.8	3340.3	2347.5	2807.8	654.5	3043.5	1680.4	3629.6	1016.6	2290.4	1851.6	3170.3
	tRNA-Cys	1771.6	1268.3	1512.0	2103.5	1253.2	2456.5	1253.1	1846.4	3808.5	3062.1	1347.9	4279.1	1824.4
	tRNA-His	1154.9	700.5	872.4	690.0	815.9	717.2	967.7	2600.8	1772.0	843.1	340.2	791.9	987.2
	tRNA-Asp	1145.9	867.6	950.7	981.7	673.6	1393.4	732.9	2171.4	2898.8	1464.6	464.6	984.0	1144.4
	tRNA-Trp	1072.7	916.7	1039.2	1271.1	600.8	1236.5	616.6	1263.3	2449.8	2343.1	737.4	4148.1	1086.1
	tRNA-Leu	1015.1	832.1	833.9	925.1	935.9	2013.6	1000.6	2080.6	876.0	1033.7	392.2	4471.5	842.3
	tRNA-Ala	814.4	873.1	816.7	656.9	852.7	784.5	725.7	2352.8	1473.9	868.7	396.9	914.3	814.1
	tRNA-Met	728.1	561.5	711.4	719.9	361.3	924.3	395.5	1170.7	2464.7	1593.0	366.4	3666.3	837.9
	tRNA-Val	720.1	671.0	567.8	778.3	703.3	865.9	646.9	865.9	1296.9	1474.1	490.3	585.5	708.2
	tRNA-Gly	624.5	351.4	506.5	453.5	433.5	961.9	530.7	306.0	1974.7	1714.7	165.9	799.0	706.0
	tRNA	619.6	544.2	564.8	511.5	675.5	1644.3	689.3	5765.6	1149.5	677.9	223.5	976.8	626.4
	tRNA-Asn	554.9	474.9	436.7	654.6	269.6	1720.0	283.7	4635.5	1685.6	1096.8	279.6	1062.7	585.0
	tRNA-Phe	525.6	385.9	425.5	492.6	327.0	1677.8	317.2	2029.9	1151.9	1071.0	286.0	898.8	505.6
	tRNA-Thr	334.4	326.5	283.8	378.6	227.5	162.6	307.2	261.1	1958.3	1237.8	224.2	201.4	555.9
	tRNA-Pro	252.7	263.5	227.5	473.6	166.2	1238.0	195.1	722.4	472.3	457.2	71.4	172.0	230.9
	tRNA-Lys	242.7	194.5	234.6	278.9	149.7	894.9	228.3	6582.1	1175.1	631.5	124.3	485.2	359.1
	tRNA-Ser	235.2	142.3	201.0	202.5	175.6	219.9	228.6	769.0	758.2	779.5	90.3	304.3	281.5
	tRNA-Arg	185.7	153.9	125.0	180.4	103.5	510.4	118.9	286.1	976.3	1269.4	129.1	249.4	273.1
	tRNA-Tyr	91.0	75.9	55.9	62.9	64.7	67.1	74.5	174.0	839.4	435.9	30.7	22.7	192.7
	rRNA16s	11.2	20.1	5.8	20.9	6.9	8.5	10.8	9.5	521.3	1920.3	11.2	4.8	94.5