

DATASET S1. Proteins identified in the control and p38 bait MS experiments. Individual samples are labeled as HS, heat shock; OS, oxidative stress. Numbers after bait names denote replicate number. The dataset is sorted by Mascot score, followed by sorting the identified proteins using ProHits.

Bait Gene Name	Bait Gene ID	Hit Gene Name	Hit Gene ID	Hit Protein ID	Mascot Score
Vector-US-1	Vector	zip	38001	24762818	1426
Vector-US-2	Vector	zip	38001	62471820	1149
Vector-US-3	Vector	zip	38001	62471820	869
Vector-US-4	Vector	zip	38001	24762818	702
Vector-HS-1	Vector	zip	38001	24762818	851
Vector-OS-1	Vector	zip	38001	24762818	1116
Vector-OS-2	Vector	zip	38001	24762816	71
Vector-OS-3	Vector	zip	38001	24762818	368
Mef2-US-1	Mef2	zip	38001	24762816	153
p38a-1	p38a	zip	38001	62471820	737
p38a-2	p38a	zip	38001	62471820	590
p38a-3	p38a	zip	38001	24762816	453
p38a-4	p38a	zip	38001	62471805	759
p38b-1	p38b	zip	38001	62471805	68
p38b-2	p38b	zip	38001	24762818	234
p38b-3	p38b	zip	38001	62471820	313
p38b-4	p38b	zip	38001	24762818	322
p38c-1	p38c	zip	38001	24762818	584
p38c-2	p38c	zip	38001	62471820	755
p38c-3	p38c	zip	38001	62471820	923
p38c-4	p38c	zip	38001	24762818	1151
Vector-US-1	Vector	Hsp83	38389	17647529	1308
Vector-US-2	Vector	Hsp83	38389	17647529	1215
Vector-US-3	Vector	Hsp83	38389	17647529	1438
Vector-US-4	Vector	Hsp83	38389	17647529	957
Vector-HS-1	Vector	Hsp83	38389	17647529	939
Vector-OS-1	Vector	Hsp83	38389	17647529	1022
Vector-OS-2	Vector	Hsp83	38389	17647529	174
Vector-OS-3	Vector	Hsp83	38389	17647529	226
Mef2-US-1	Mef2	Hsp83	38389	17647529	622
Mef2-US-2	Mef2	Hsp83	38389	17647529	524
p38a-1	p38a	Hsp83	38389	17647529	764
p38a-2	p38a	Hsp83	38389	17647529	1211
p38a-3	p38a	Hsp83	38389	17647529	1386
p38a-4	p38a	Hsp83	38389	17647529	1100
p38b-1	p38b	Hsp83	38389	17647529	926
p38b-2	p38b	Hsp83	38389	17647529	729
p38b-3	p38b	Hsp83	38389	17647529	702
p38b-4	p38b	Hsp83	38389	17647529	765
p38c-1	p38c	Hsp83	38389	17647529	1212
p38c-2	p38c	Hsp83	38389	17647529	1408

p38c-3	p38c	Hsp83	38389	17647529	1436
p38c-4	p38c	Hsp83	38389	17647529	1619
Vector-US-1	Vector	eIF-4B	3355041	62862344	1275
Vector-US-2	Vector	eIF-4B	3355041	62862344	986
Vector-US-3	Vector	eIF-4B	3355041	62862344	1219
Vector-US-4	Vector	eIF-4B	3355041	62862344	1001
Vector-HS-1	Vector	eIF-4B	3355041	62862344	1380
Vector-OS-1	Vector	eIF-4B	3355041	62862344	1398
Vector-OS-2	Vector	eIF-4B	3355041	62862346	244
Vector-OS-3	Vector	eIF-4B	3355041	62862346	259
Mef2-US-1	Mef2	eIF-4B	3355041	62862344	824
Mef2-US-2	Mef2	eIF-4B	3355041	62862344	963
p38a-1	p38a	eIF-4B	3355041	62862346	588
p38a-2	p38a	eIF-4B	3355041	62862344	797
p38a-3	p38a	eIF-4B	3355041	62862344	1042
p38a-4	p38a	eIF-4B	3355041	62862344	1032
p38b-1	p38b	eIF-4B	3355041	62862344	36
p38c-1	p38c	eIF-4B	3355041	62862344	1113
p38c-2	p38c	eIF-4B	3355041	62862346	1012
p38c-3	p38c	eIF-4B	3355041	62862344	1210
p38c-4	p38c	eIF-4B	3355041	62862344	1204
Vector-US-1	Vector	Hsc70-4	41840	17737967	961
Vector-US-2	Vector	Hsc70-4	41840	17737967	856
Vector-US-3	Vector	Hsc70-4	41840	17737967	1087
Vector-US-4	Vector	Hsc70-4	41840	17737967	850
Vector-HS-1	Vector	Hsc70-4	41840	17737967	969
Vector-OS-1	Vector	Hsc70-4	41840	17737967	1140
Vector-OS-2	Vector	Hsc70-4	41840	17737967	192
Vector-OS-3	Vector	Hsc70-4	41840	17737967	304
Mef2-US-1	Mef2	Hsc70-4	41840	17737967	1045
Mef2-US-2	Mef2	Hsc70-4	41840	17737967	1336
p38a-1	p38a	Hsc70-4	41840	17737967	852
p38a-2	p38a	Hsc70-4	41840	17737967	1221
p38a-3	p38a	Hsc70-4	41840	17737967	1114
p38a-4	p38a	Hsc70-4	41840	17737967	990
p38b-1	p38b	Hsc70-4	41840	17737967	726
p38b-2	p38b	Hsc70-4	41840	17737967	711
p38b-3	p38b	Hsc70-4	41840	17737967	1058
p38b-4	p38b	Hsc70-4	41840	17737967	816
p38c-1	p38c	Hsc70-4	41840	17737967	1350
p38c-2	p38c	Hsc70-4	41840	17737967	1180
p38c-3	p38c	Hsc70-4	41840	17737967	1010
p38c-4	p38c	Hsc70-4	41840	17737967	1103
Vector-US-1	Vector	dre4	38248	45551505	946
Vector-US-2	Vector	dre4	38248	45551505	805
Vector-US-3	Vector	dre4	38248	45551505	934
Vector-US-4	Vector	dre4	38248	45551505	797

Vector-HS-1	Vector	dre4	38248	45551505	314
Vector-OS-1	Vector	dre4	38248	45551505	677
Vector-OS-3	Vector	dre4	38248	45549019	73
Mef2-US-1	Mef2	dre4	38248	45551505	182
Mef2-US-2	Mef2	dre4	38248	45551505	186
p38a-1	p38a	dre4	38248	45551505	675
p38a-2	p38a	dre4	38248	45551505	644
p38a-3	p38a	dre4	38248	45551505	634
p38a-4	p38a	dre4	38248	45549019	366
p38c-1	p38c	dre4	38248	45549019	431
p38c-2	p38c	dre4	38248	45551505	385
p38c-3	p38c	dre4	38248	45551505	159
p38c-4	p38c	dre4	38248	45551505	432
Vector-US-1	Vector	Hsp60	32045	24641191	900
Vector-US-2	Vector	Hsp60	32045	24641191	1166
Vector-US-3	Vector	Hsp60	32045	24641191	756
Vector-US-4	Vector	Hsp60	32045	24641191	996
Vector-HS-1	Vector	Hsp60	32045	24641191	109
Vector-OS-1	Vector	Hsp60	32045	24641191	280
Vector-OS-2	Vector	Hsp60	32045	24641191	134
Vector-OS-3	Vector	Hsp60	32045	24641191	97
Mef2-US-1	Mef2	Hsp60	32045	24641191	629
Mef2-US-2	Mef2	Hsp60	32045	24641191	155
p38a-1	p38a	Hsp60	32045	24641191	863
p38a-2	p38a	Hsp60	32045	24641191	995
p38a-3	p38a	Hsp60	32045	24641191	930
p38a-4	p38a	Hsp60	32045	24641191	704
p38b-1	p38b	Hsp60	32045	24641191	748
p38b-2	p38b	Hsp60	32045	24641191	632
p38b-3	p38b	Hsp60	32045	24641191	736
p38b-4	p38b	Hsp60	32045	24641191	573
p38c-1	p38c	Hsp60	32045	24641191	940
p38c-2	p38c	Hsp60	32045	24641191	1165
p38c-3	p38c	Hsp60	32045	24641191	926
p38c-4	p38c	Hsp60	32045	24641191	1176
Vector-US-1	Vector	CG3523	33524	19920632	898
Vector-US-2	Vector	CG3523	33524	19920632	891
Vector-US-3	Vector	CG3523	33524	19920632	1187
Vector-US-4	Vector	CG3523	33524	19920632	1199
Vector-HS-1	Vector	CG3523	33524	19920632	367
Vector-OS-1	Vector	CG3523	33524	19920632	442
Vector-OS-2	Vector	CG3523	33524	19920632	83
Vector-OS-3	Vector	CG3523	33524	19920632	91
Mef2-US-1	Mef2	CG3523	33524	19920632	113
Mef2-US-2	Mef2	CG3523	33524	19920632	52
p38a-1	p38a	CG3523	33524	19920632	358
p38a-2	p38a	CG3523	33524	19920632	381

p38a-3	p38a	CG3523	33524	19920632	798
p38a-4	p38a	CG3523	33524	19920632	863
p38b-1	p38b	CG3523	33524	19920632	113
p38b-2	p38b	CG3523	33524	19920632	237
p38b-3	p38b	CG3523	33524	19920632	414
p38b-4	p38b	CG3523	33524	19920632	319
p38c-1	p38c	CG3523	33524	19920632	945
p38c-2	p38c	CG3523	33524	19920632	1141
p38c-3	p38c	CG3523	33524	19920632	968
p38c-4	p38c	CG3523	33524	19920632	841
Vector-US-1	Vector	Df31	35418	17737433	772
Vector-US-2	Vector	Df31	35418	17737433	161
Vector-US-3	Vector	Df31	35418	17737433	320
Vector-US-4	Vector	Df31	35418	17737433	217
Vector-OS-1	Vector	Df31	35418	17737433	187
Mef2-US-2	Mef2	Df31	35418	17737433	53
p38a-2	p38a	Df31	35418	17737433	210
p38a-3	p38a	Df31	35418	17737433	77
p38b-4	p38b	Df31	35418	17737433	124
p38c-1	p38c	Df31	35418	17737433	305
p38c-2	p38c	Df31	35418	17737433	190
p38c-3	p38c	Df31	35418	17737433	274
p38c-4	p38c	Df31	35418	17737433	123
Vector-US-1	Vector	cher	42066	62484180	710
Vector-US-2	Vector	cher	42066	62484180	589
Vector-US-3	Vector	cher	42066	62484180	462
Vector-US-4	Vector	cher	42066	62484180	115
Vector-OS-3	Vector	cher	42066	62484180	51
p38a-1	p38a	cher	42066	62484180	158
p38a-2	p38a	cher	42066	62484180	372
p38a-3	p38a	cher	42066	62484180	396
p38a-4	p38a	cher	42066	62484180	81
p38b-1	p38b	cher	42066	62484180	31
p38c-1	p38c	cher	42066	62484180	243
p38c-2	p38c	cher	42066	62484180	68
p38c-3	p38c	cher	42066	62484180	113
p38c-4	p38c	cher	42066	62484180	404
Vector-US-1	Vector	Khc-73	36718	28573815	702
Vector-US-2	Vector	Khc-73	36718	28573815	1230
Vector-US-3	Vector	Khc-73	36718	28573815	1520
Vector-US-4	Vector	Khc-73	36718	28573815	1144
Vector-HS-1	Vector	Khc-73	36718	28573815	638
Vector-OS-1	Vector	Khc-73	36718	28573815	1304
Vector-OS-2	Vector	Khc-73	36718	28573815	210
Vector-OS-3	Vector	Khc-73	36718	28573815	193
Mef2-US-1	Mef2	Khc-73	36718	28573815	241
Mef2-US-2	Mef2	Khc-73	36718	28573815	47

p38a-1	p38a	Khc-73	36718	28573815	642
p38a-2	p38a	Khc-73	36718	28573815	1127
p38a-3	p38a	Khc-73	36718	28573815	643
p38a-4	p38a	Khc-73	36718	28573815	474
p38c-1	p38c	Khc-73	36718	28573815	635
p38c-2	p38c	Khc-73	36718	28573815	747
p38c-3	p38c	Khc-73	36718	28573815	468
p38c-4	p38c	Khc-73	36718	28573815	585
Vector-US-1	Vector	Hsc70-3	32133	24641402	698
Vector-US-2	Vector	Hsc70-3	32133	24641402	1024
Vector-US-3	Vector	Hsc70-3	32133	24641402	901
Vector-US-4	Vector	Hsc70-3	32133	24641402	772
Vector-HS-1	Vector	Hsc70-3	32133	24641402	1034
Vector-OS-1	Vector	Hsc70-3	32133	24641402	1520
Vector-OS-2	Vector	Hsc70-3	32133	24641402	208
Vector-OS-3	Vector	Hsc70-3	32133	24641402	219
Mef2-US-1	Mef2	Hsc70-3	32133	24641402	1087
Mef2-US-2	Mef2	Hsc70-3	32133	24641402	1009
p38a-1	p38a	Hsc70-3	32133	24641402	719
p38a-2	p38a	Hsc70-3	32133	24641402	890
p38a-3	p38a	Hsc70-3	32133	24641402	705
p38a-4	p38a	Hsc70-3	32133	24641402	779
p38b-2	p38b	Hsc70-3	32133	24641402	325
p38b-3	p38b	Hsc70-3	32133	24641402	419
p38b-4	p38b	Hsc70-3	32133	24641402	323
p38c-1	p38c	Hsc70-3	32133	24641402	1138
p38c-2	p38c	Hsc70-3	32133	24641402	971
p38c-3	p38c	Hsc70-3	32133	24641402	793
p38c-4	p38c	Hsc70-3	32133	24641402	1051
Vector-US-1	Vector	TER94	36040	17137560	673
Vector-US-2	Vector	TER94	36040	17137560	913
Vector-US-3	Vector	TER94	36040	17137560	962
Vector-US-4	Vector	TER94	36040	17137560	943
Vector-HS-1	Vector	TER94	36040	17137560	540
Vector-OS-1	Vector	TER94	36040	17137560	803
Vector-OS-2	Vector	TER94	36040	17137560	227
Vector-OS-3	Vector	TER94	36040	17137560	205
Mef2-US-1	Mef2	TER94	36040	17137560	550
Mef2-US-2	Mef2	TER94	36040	17137560	202
p38a-1	p38a	TER94	36040	17137560	622
p38a-2	p38a	TER94	36040	17137560	845
p38a-3	p38a	TER94	36040	17137560	749
p38a-4	p38a	TER94	36040	17137560	642
p38b-1	p38b	TER94	36040	17137560	249
p38b-2	p38b	TER94	36040	17137560	441
p38b-3	p38b	TER94	36040	17137560	400
p38b-4	p38b	TER94	36040	17137560	487

p38c-1	p38c	TER94	36040	17137560	876
p38c-2	p38c	TER94	36040	17137560	1002
p38c-3	p38c	TER94	36040	17137560	804
p38c-4	p38c	TER94	36040	17137560	777
Vector-US-1	Vector	Khc	36810	17136240	535
Vector-US-2	Vector	Khc	36810	17136240	249
Vector-US-3	Vector	Khc	36810	17136240	287
Vector-US-4	Vector	Khc	36810	17136240	357
Vector-OS-1	Vector	Khc	36810	17136240	377
Vector-OS-2	Vector	Khc	36810	17136240	99
Vector-OS-3	Vector	Khc	36810	17136240	111
p38a-2	p38a	Khc	36810	17136240	91
p38a-3	p38a	Khc	36810	17136240	156
p38a-4	p38a	Khc	36810	17136240	370
p38b-1	p38b	Khc	36810	17136240	94
p38b-3	p38b	Khc	36810	17136240	61
p38c-2	p38c	Khc	36810	17136240	414
p38c-3	p38c	Khc	36810	17136240	392
p38c-4	p38c	Khc	36810	17136240	315
Vector-US-1	Vector	Eps-15	37961	22026957	528
Vector-US-2	Vector	Eps-15	37961	22026957	815
Vector-US-3	Vector	Eps-15	37961	24762734	689
Vector-US-4	Vector	Eps-15	37961	24762734	856
Vector-HS-1	Vector	Eps-15	37961	22026957	1031
Vector-OS-1	Vector	Eps-15	37961	22026957	711
Vector-OS-2	Vector	Eps-15	37961	22026957	394
Vector-OS-3	Vector	Eps-15	37961	22026957	124
Mef2-US-1	Mef2	Eps-15	37961	22026957	339
Mef2-US-2	Mef2	Eps-15	37961	22026957	151
p38a-1	p38a	Eps-15	37961	22026957	522
p38a-2	p38a	Eps-15	37961	22026957	573
p38a-3	p38a	Eps-15	37961	22026957	582
p38a-4	p38a	Eps-15	37961	24762734	659
p38c-1	p38c	Eps-15	37961	22026957	378
p38c-2	p38c	Eps-15	37961	22026957	444
p38c-3	p38c	Eps-15	37961	22026957	464
p38c-4	p38c	Eps-15	37961	22026957	696
Vector-US-1	Vector	Vha55	41550	17136796	522
Vector-US-2	Vector	Vha55	41550	17136796	602
Vector-US-3	Vector	Vha55	41550	17136796	763
Vector-US-4	Vector	Vha55	41550	17136796	552
Vector-HS-1	Vector	Vha55	41550	17136796	256
Vector-OS-1	Vector	Vha55	41550	17136796	404
Vector-OS-2	Vector	Vha55	41550	17136796	76
Vector-OS-3	Vector	Vha55	41550	17136796	117
Mef2-US-1	Mef2	Vha55	41550	17136796	225
p38a-1	p38a	Vha55	41550	17136796	268

p38a-2	p38a	Vha55	41550	17136796	542
p38a-3	p38a	Vha55	41550	17136796	573
p38a-4	p38a	Vha55	41550	17136796	197
p38b-1	p38b	Vha55	41550	17136796	59
p38c-1	p38c	Vha55	41550	17136796	474
p38c-2	p38c	Vha55	41550	17136796	407
p38c-3	p38c	Vha55	41550	17136796	386
p38c-4	p38c	Vha55	41550	17136796	538
Vector-US-1	Vector	alphaTub84B	40848	17136564	479
Vector-US-2	Vector	alphaTub84B	40848	17136564	399
Vector-US-3	Vector	alphaTub84B	40848	17136564	454
Vector-US-4	Vector	alphaTub84B	40848	17136564	471
Vector-HS-1	Vector	alphaTub84B	40848	17136564	317
Vector-OS-1	Vector	alphaTub84B	40848	17136564	462
Vector-OS-2	Vector	alphaTub84B	40848	17136564	116
Vector-OS-3	Vector	alphaTub84B	40848	17136564	171
Mef2-US-1	Mef2	alphaTub84B	40848	17136564	267
Mef2-US-2	Mef2	alphaTub84B	40848	17136564	198
p38a-1	p38a	alphaTub84B	40848	17136564	256
p38a-2	p38a	alphaTub84B	40848	17136564	421
p38a-3	p38a	alphaTub84B	40848	17136564	481
p38a-4	p38a	alphaTub84B	40848	17136564	408
p38b-1	p38b	alphaTub84B	40848	17136564	164
p38b-2	p38b	alphaTub84B	40848	17136564	399
p38b-3	p38b	alphaTub84B	40848	17136564	474
p38b-4	p38b	alphaTub84B	40848	17136564	308
p38c-1	p38c	alphaTub84B	40848	17136564	465
p38c-2	p38c	alphaTub84B	40848	17136564	388
p38c-3	p38c	alphaTub84B	40848	17136564	455
p38c-4	p38c	alphaTub84B	40848	17136564	406
Vector-US-1	Vector	bel	45826	17985987	452
Vector-US-2	Vector	bel	45826	17985987	648
Vector-US-3	Vector	bel	45826	17985987	709
Vector-US-4	Vector	bel	45826	17985987	541
Vector-OS-1	Vector	bel	45826	17985987	658
Mef2-US-1	Mef2	bel	45826	17985987	230
Mef2-US-2	Mef2	bel	45826	17985987	385
p38a-1	p38a	bel	45826	17985987	273
p38a-2	p38a	bel	45826	17985987	395
p38a-3	p38a	bel	45826	17985987	408
p38a-4	p38a	bel	45826	17985987	200
p38b-1	p38b	bel	45826	17985987	189
p38b-2	p38b	bel	45826	17985987	118
p38b-3	p38b	bel	45826	17985987	202
p38b-4	p38b	bel	45826	17985987	117
p38c-1	p38c	bel	45826	17985987	267
p38c-2	p38c	bel	45826	17985987	420

p38c-3	p38c	bel	45826	17985987	152
p38c-4	p38c	bel	45826	17985987	459
Vector-US-1	Vector	CG5525	34674	24583944	440
Vector-US-2	Vector	CG5525	34674	24583944	470
Vector-US-3	Vector	CG5525	34674	24583944	448
Vector-US-4	Vector	CG5525	34674	24583944	479
Vector-HS-1	Vector	CG5525	34674	24583944	233
Vector-OS-1	Vector	CG5525	34674	24583944	319
Vector-OS-2	Vector	CG5525	34674	24583944	92
Vector-OS-3	Vector	CG5525	34674	24583944	108
Mef2-US-1	Mef2	CG5525	34674	24583944	101
Mef2-US-2	Mef2	CG5525	34674	24583944	55
p38a-1	p38a	CG5525	34674	24583944	247
p38a-2	p38a	CG5525	34674	24583944	255
p38a-3	p38a	CG5525	34674	24583944	448
p38a-4	p38a	CG5525	34674	24583944	406
p38b-1	p38b	CG5525	34674	24583944	204
p38b-2	p38b	CG5525	34674	24583944	261
p38b-3	p38b	CG5525	34674	24583944	534
p38b-4	p38b	CG5525	34674	24583944	374
p38c-1	p38c	CG5525	34674	24583944	427
p38c-2	p38c	CG5525	34674	24583944	521
p38c-3	p38c	CG5525	34674	24583944	392
p38c-4	p38c	CG5525	34674	24583944	375
Vector-US-1	Vector	CG31974	33174	281360460	436
Vector-US-2	Vector	CG31974	33174	281360460	457
Vector-US-3	Vector	CG31974	33174	281360460	439
Vector-US-4	Vector	CG31974	33174	281360460	407
Vector-HS-1	Vector	CG31974	33174	281360460	628
Vector-OS-1	Vector	CG31974	33174	281360460	733
Vector-OS-2	Vector	CG31974	33174	281360460	312
Vector-OS-3	Vector	CG31974	33174	281360460	294
Mef2-US-1	Mef2	CG31974	33174	281360460	388
Mef2-US-2	Mef2	CG31974	33174	281360460	351
p38a-1	p38a	CG31974	33174	281360460	217
p38a-2	p38a	CG31974	33174	281360460	428
p38a-3	p38a	CG31974	33174	281360460	355
p38a-4	p38a	CG31974	33174	281360460	377
p38c-1	p38c	CG31974	33174	281360460	472
p38c-2	p38c	CG31974	33174	281360460	434
p38c-3	p38c	CG31974	33174	281360460	490
p38c-4	p38c	CG31974	33174	281360460	478
Vector-US-1	Vector	Map205	43765	17864160	434
Vector-US-2	Vector	Map205	43765	17864160	568
Vector-US-3	Vector	Map205	43765	17864160	1105
Vector-US-4	Vector	Map205	43765	17864160	258
Vector-HS-1	Vector	Map205	43765	17864160	481

Vector-OS-1	Vector	Map205	43765	17864160	558
Vector-OS-3	Vector	Map205	43765	17864160	95
Mef2-US-1	Mef2	Map205	43765	17864160	252
Mef2-US-2	Mef2	Map205	43765	17864160	225
p38a-1	p38a	Map205	43765	17864160	52
p38a-2	p38a	Map205	43765	17864160	235
p38a-3	p38a	Map205	43765	17864160	426
p38a-4	p38a	Map205	43765	17864160	606
p38b-1	p38b	Map205	43765	17864160	71
p38b-4	p38b	Map205	43765	17864160	119
p38c-1	p38c	Map205	43765	17864160	278
p38c-2	p38c	Map205	43765	17864160	585
p38c-3	p38c	Map205	43765	17864160	483
p38c-4	p38c	Map205	43765	17864160	392
Vector-US-1	Vector	CG1910	43741	24651733	430
Vector-US-4	Vector	CG1910	43741	21356979	108
p38a-1	p38a	CG1910	43741	21356979	84
p38a-2	p38a	CG1910	43741	21356979	101
p38c-2	p38c	CG1910	43741	21356979	163
p38c-3	p38c	CG1910	43741	21356979	227
Vector-US-1	Vector	Cctgamma	42029	24647510	430
Vector-US-2	Vector	Cctgamma	42029	24647510	696
Vector-US-3	Vector	Cctgamma	42029	24647510	558
Vector-US-4	Vector	Cctgamma	42029	24647510	624
Vector-HS-1	Vector	Cctgamma	42029	24647510	226
Vector-OS-1	Vector	Cctgamma	42029	24647510	478
Vector-OS-2	Vector	Cctgamma	42029	24647510	187
Mef2-US-1	Mef2	Cctgamma	42029	24647510	163
p38a-1	p38a	Cctgamma	42029	24647510	326
p38a-2	p38a	Cctgamma	42029	24647510	693
p38a-3	p38a	Cctgamma	42029	24647510	470
p38a-4	p38a	Cctgamma	42029	24647510	492
p38b-1	p38b	Cctgamma	42029	24647510	217
p38b-2	p38b	Cctgamma	42029	24647510	263
p38b-3	p38b	Cctgamma	42029	24647510	304
p38b-4	p38b	Cctgamma	42029	24647510	380
p38c-1	p38c	Cctgamma	42029	24647510	567
p38c-2	p38c	Cctgamma	42029	24647510	579
p38c-3	p38c	Cctgamma	42029	24647510	449
p38c-4	p38c	Cctgamma	42029	24647510	408
Vector-US-1	Vector	Tcp-1eta	41054	24645179	427
Vector-US-2	Vector	Tcp-1eta	41054	24645179	603
Vector-US-3	Vector	Tcp-1eta	41054	24645179	876
Vector-US-4	Vector	Tcp-1eta	41054	24645179	698
Vector-HS-1	Vector	Tcp-1eta	41054	24645179	550
Vector-OS-1	Vector	Tcp-1eta	41054	24645179	725
Vector-OS-2	Vector	Tcp-1eta	41054	24645179	48

Vector-OS-3	Vector	Tcp-1eta	41054	24645179	122
Mef2-US-1	Mef2	Tcp-1eta	41054	24645179	353
Mef2-US-2	Mef2	Tcp-1eta	41054	24645179	261
p38a-1	p38a	Tcp-1eta	41054	24645179	329
p38a-2	p38a	Tcp-1eta	41054	24645179	555
p38a-3	p38a	Tcp-1eta	41054	24645179	790
p38a-4	p38a	Tcp-1eta	41054	24645179	592
p38b-1	p38b	Tcp-1eta	41054	24645179	448
p38b-2	p38b	Tcp-1eta	41054	24645179	409
p38b-3	p38b	Tcp-1eta	41054	24645179	636
p38b-4	p38b	Tcp-1eta	41054	24645179	750
p38c-1	p38c	Tcp-1eta	41054	24645179	650
p38c-2	p38c	Tcp-1eta	41054	24645179	723
p38c-3	p38c	Tcp-1eta	41054	24645179	737
p38c-4	p38c	Tcp-1eta	41054	24645179	713
Vector-US-1	Vector	Hop	33202	17137540	412
Vector-US-2	Vector	Hop	33202	17137540	209
Vector-US-3	Vector	Hop	33202	17137540	250
Vector-US-4	Vector	Hop	33202	17137540	329
Vector-HS-1	Vector	Hop	33202	17137540	400
Vector-OS-1	Vector	Hop	33202	17137540	702
Vector-OS-2	Vector	Hop	33202	17137540	62
Mef2-US-1	Mef2	Hop	33202	17137540	133
Mef2-US-2	Mef2	Hop	33202	17137540	283
p38a-1	p38a	Hop	33202	17137540	117
p38a-2	p38a	Hop	33202	17137540	224
p38a-3	p38a	Hop	33202	17137540	167
p38a-4	p38a	Hop	33202	17137540	381
p38b-2	p38b	Hop	33202	17137540	171
p38b-3	p38b	Hop	33202	17137540	276
p38b-4	p38b	Hop	33202	17137540	186
p38c-1	p38c	Hop	33202	17137540	388
p38c-2	p38c	Hop	33202	17137540	531
p38c-3	p38c	Hop	33202	17137540	220
p38c-4	p38c	Hop	33202	17137540	305
Vector-US-1	Vector	Tcp-1zeta	32518	18859933	411
Vector-US-2	Vector	Tcp-1zeta	32518	18859933	668
Vector-US-3	Vector	Tcp-1zeta	32518	18859933	514
Vector-US-4	Vector	Tcp-1zeta	32518	18859933	512
Vector-HS-1	Vector	Tcp-1zeta	32518	18859933	452
Vector-OS-1	Vector	Tcp-1zeta	32518	18859933	523
Vector-OS-2	Vector	Tcp-1zeta	32518	18859933	146
Vector-OS-3	Vector	Tcp-1zeta	32518	18859933	94
Mef2-US-1	Mef2	Tcp-1zeta	32518	18859933	211
Mef2-US-2	Mef2	Tcp-1zeta	32518	18859933	127
p38a-1	p38a	Tcp-1zeta	32518	18859933	292
p38a-2	p38a	Tcp-1zeta	32518	18859933	535

p38a-3	p38a	Tcp-1zeta	32518	18859933	385
p38a-4	p38a	Tcp-1zeta	32518	18859933	461
p38b-1	p38b	Tcp-1zeta	32518	18859933	252
p38b-2	p38b	Tcp-1zeta	32518	18859933	137
p38b-3	p38b	Tcp-1zeta	32518	18859933	287
p38b-4	p38b	Tcp-1zeta	32518	18859933	370
p38c-1	p38c	Tcp-1zeta	32518	18859933	483
p38c-2	p38c	Tcp-1zeta	32518	18859933	412
p38c-3	p38c	Tcp-1zeta	32518	18859933	326
p38c-4	p38c	Tcp-1zeta	32518	18859933	470
Vector-US-1	Vector	Gp93	43354	21357739	406
Vector-US-2	Vector	Gp93	43354	21357739	597
Vector-US-3	Vector	Gp93	43354	21357739	446
Vector-US-4	Vector	Gp93	43354	21357739	555
Vector-HS-1	Vector	Gp93	43354	21357739	147
Vector-OS-1	Vector	Gp93	43354	21357739	675
Mef2-US-1	Mef2	Gp93	43354	21357739	58
Mef2-US-2	Mef2	Gp93	43354	21357739	118
p38a-1	p38a	Gp93	43354	21357739	259
p38a-2	p38a	Gp93	43354	21357739	418
p38a-3	p38a	Gp93	43354	21357739	435
p38a-4	p38a	Gp93	43354	21357739	233
p38b-1	p38b	Gp93	43354	21357739	270
p38b-2	p38b	Gp93	43354	21357739	228
p38b-3	p38b	Gp93	43354	21357739	54
p38b-4	p38b	Gp93	43354	21357739	132
p38c-1	p38c	Gp93	43354	21357739	628
p38c-2	p38c	Gp93	43354	21357739	657
p38c-3	p38c	Gp93	43354	21357739	364
p38c-4	p38c	Gp93	43354	21357739	826
Vector-US-1	Vector	Pdi	39651	17647799	398
Vector-US-2	Vector	Pdi	39651	17647799	89
Vector-US-3	Vector	Pdi	39651	17647799	101
Vector-US-4	Vector	Pdi	39651	17647799	338
Vector-OS-1	Vector	Pdi	39651	17647799	617
Vector-OS-2	Vector	Pdi	39651	17647799	109
Vector-OS-3	Vector	Pdi	39651	17647799	46
p38a-1	p38a	Pdi	39651	17647799	38
p38a-2	p38a	Pdi	39651	17647799	92
p38a-3	p38a	Pdi	39651	17647799	156
p38a-4	p38a	Pdi	39651	17647799	56
p38c-1	p38c	Pdi	39651	17647799	143
p38c-2	p38c	Pdi	39651	17647799	115
p38c-3	p38c	Pdi	39651	17647799	154
p38c-4	p38c	Pdi	39651	17647799	255
Vector-US-1	Vector	Ef1alpha48D	36271	17137572	395
Vector-US-2	Vector	Ef1alpha48D	36271	17137572	300

Vector-US-3	Vector	Ef1alpha48D	36271	17137572	306
Vector-US-4	Vector	Ef1alpha48D	36271	17137572	477
Vector-HS-1	Vector	Ef1alpha48D	36271	17137572	409
Vector-OS-1	Vector	Ef1alpha48D	36271	17137572	243
Vector-OS-2	Vector	Ef1alpha48D	36271	17137572	72
Vector-OS-3	Vector	Ef1alpha48D	36271	17137572	100
Mef2-US-1	Mef2	Ef1alpha48D	36271	17137572	372
Mef2-US-2	Mef2	Ef1alpha48D	36271	17137572	282
p38a-1	p38a	Ef1alpha48D	36271	17137572	360
p38a-2	p38a	Ef1alpha48D	36271	17137572	419
p38a-3	p38a	Ef1alpha48D	36271	17137572	540
p38a-4	p38a	Ef1alpha48D	36271	17137572	370
p38b-1	p38b	Ef1alpha48D	36271	17137572	426
p38b-2	p38b	Ef1alpha48D	36271	17137572	300
p38b-3	p38b	Ef1alpha48D	36271	17137572	358
p38b-4	p38b	Ef1alpha48D	36271	17137572	377
p38c-1	p38c	Ef1alpha48D	36271	17137572	302
p38c-2	p38c	Ef1alpha48D	36271	17137572	370
p38c-3	p38c	Ef1alpha48D	36271	17137572	371
p38c-4	p38c	Ef1alpha48D	36271	17137572	345
Vector-US-1	Vector	Cct5	36308	17647245	389
Vector-US-2	Vector	Cct5	36308	24652903	467
Vector-US-3	Vector	Cct5	36308	24652903	389
Vector-US-4	Vector	Cct5	36308	24652903	432
Vector-HS-1	Vector	Cct5	36308	17647245	323
Vector-OS-1	Vector	Cct5	36308	17647245	475
Vector-OS-2	Vector	Cct5	36308	17647245	186
Vector-OS-3	Vector	Cct5	36308	17647245	218
Mef2-US-1	Mef2	Cct5	36308	17647245	161
p38a-1	p38a	Cct5	36308	24652903	114
p38a-2	p38a	Cct5	36308	17647245	347
p38a-3	p38a	Cct5	36308	24652903	560
p38a-4	p38a	Cct5	36308	24652903	294
p38b-1	p38b	Cct5	36308	24652903	224
p38b-2	p38b	Cct5	36308	17647245	188
p38b-3	p38b	Cct5	36308	17647245	325
p38b-4	p38b	Cct5	36308	17647245	309
p38c-1	p38c	Cct5	36308	17647245	351
p38c-2	p38c	Cct5	36308	17647245	477
p38c-3	p38c	Cct5	36308	17647245	322
p38c-4	p38c	Cct5	36308	24652903	350
Vector-US-1	Vector	betaTub56D	37238	24655737	385
Vector-US-2	Vector	betaTub56D	37238	24655737	379
Vector-US-3	Vector	betaTub56D	37238	24655737	359
Vector-US-4	Vector	betaTub56D	37238	24655737	448
Vector-HS-1	Vector	betaTub56D	37238	24655737	304
Vector-OS-1	Vector	betaTub56D	37238	24655737	450

Vector-OS-2	Vector	betaTub56D	37238	24655737	234
Vector-OS-3	Vector	betaTub56D	37238	24655737	156
Mef2-US-1	Mef2	betaTub56D	37238	24655737	357
Mef2-US-2	Mef2	betaTub56D	37238	24655737	191
p38a-1	p38a	betaTub56D	37238	24655737	413
p38a-2	p38a	betaTub56D	37238	24655737	331
p38a-3	p38a	betaTub56D	37238	24655737	402
p38a-4	p38a	betaTub56D	37238	24655737	450
p38b-1	p38b	betaTub56D	37238	24655737	338
p38b-2	p38b	betaTub56D	37238	24655737	268
p38b-3	p38b	betaTub56D	37238	24655737	334
p38b-4	p38b	betaTub56D	37238	24655737	311
p38c-1	p38c	betaTub56D	37238	24655737	372
p38c-2	p38c	betaTub56D	37238	24655737	394
p38c-3	p38c	betaTub56D	37238	24655737	516
p38c-4	p38c	betaTub56D	37238	24655737	327
Vector-US-1	Vector	CG2918	31215	20128923	380
Vector-US-2	Vector	CG2918	31215	20128923	346
Vector-US-3	Vector	CG2918	31215	20128923	206
Vector-US-4	Vector	CG2918	31215	20128923	214
Vector-OS-1	Vector	CG2918	31215	20128923	487
Vector-OS-2	Vector	CG2918	31215	20128923	75
Mef2-US-1	Mef2	CG2918	31215	20128923	173
p38a-1	p38a	CG2918	31215	20128923	129
p38a-2	p38a	CG2918	31215	20128923	81
p38a-3	p38a	CG2918	31215	20128923	90
p38a-4	p38a	CG2918	31215	20128923	230
p38b-3	p38b	CG2918	31215	20128923	76
p38c-1	p38c	CG2918	31215	20128923	314
p38c-2	p38c	CG2918	31215	20128923	298
p38c-3	p38c	CG2918	31215	20128923	126
p38c-4	p38c	CG2918	31215	20128923	255
Vector-US-1	Vector	Ef1beta	45249	45549259	375
Vector-US-2	Vector	Ef1beta	45249	45549259	343
Vector-US-3	Vector	Ef1beta	45249	45549259	268
Vector-US-4	Vector	Ef1beta	45249	45549259	468
Vector-HS-1	Vector	Ef1beta	45249	45549259	414
Vector-OS-1	Vector	Ef1beta	45249	45549259	604
Vector-OS-2	Vector	Ef1beta	45249	45549259	217
Vector-OS-3	Vector	Ef1beta	45249	45549259	189
Mef2-US-1	Mef2	Ef1beta	45249	45549259	229
Mef2-US-2	Mef2	Ef1beta	45249	45549259	69
p38a-1	p38a	Ef1beta	45249	45549259	310
p38a-2	p38a	Ef1beta	45249	45549259	485
p38a-3	p38a	Ef1beta	45249	45549259	253
p38a-4	p38a	Ef1beta	45249	45549259	228
p38b-1	p38b	Ef1beta	45249	45549259	240

p38b-2	p38b	Ef1beta	45249	45549259	157
p38b-3	p38b	Ef1beta	45249	45549259	390
p38b-4	p38b	Ef1beta	45249	45549259	463
p38c-1	p38c	Ef1beta	45249	45549259	474
p38c-2	p38c	Ef1beta	45249	45549259	565
p38c-3	p38c	Ef1beta	45249	45549259	419
p38c-4	p38c	Ef1beta	45249	45549259	391
Vector-US-1	Vector	Vha68-2	45012	24583984	370
Vector-US-2	Vector	Vha68-2	45012	24583984	152
Vector-US-3	Vector	Vha68-2	45012	24583984	289
Vector-US-4	Vector	Vha68-2	45012	24583984	227
Vector-OS-1	Vector	Vha68-2	45012	24583984	230
p38a-1	p38a	Vha68-2	45012	24583984	118
p38a-2	p38a	Vha68-2	45012	24583984	98
p38a-3	p38a	Vha68-2	45012	24583984	102
p38a-4	p38a	Vha68-2	45012	24583984	238
p38b-2	p38b	Vha68-2	45012	24583984	49
p38b-3	p38b	Vha68-2	45012	24583984	52
p38b-4	p38b	Vha68-2	45012	24583984	89
p38c-1	p38c	Vha68-2	45012	24583984	213
p38c-2	p38c	Vha68-2	45012	24583984	221
p38c-3	p38c	Vha68-2	45012	24583984	252
p38c-4	p38c	Vha68-2	45012	24583984	269
Vector-US-1	Vector	CG8258	35882	19921848	369
Vector-US-2	Vector	CG8258	35882	19921848	515
Vector-US-3	Vector	CG8258	35882	19921848	405
Vector-US-4	Vector	CG8258	35882	19921848	574
Vector-HS-1	Vector	CG8258	35882	19921848	298
Vector-OS-1	Vector	CG8258	35882	19921848	396
Mef2-US-1	Mef2	CG8258	35882	19921848	234
p38a-1	p38a	CG8258	35882	19921848	216
p38a-2	p38a	CG8258	35882	19921848	391
p38a-3	p38a	CG8258	35882	19921848	511
p38a-4	p38a	CG8258	35882	19921848	396
p38b-1	p38b	CG8258	35882	19921848	227
p38b-2	p38b	CG8258	35882	19921848	132
p38b-3	p38b	CG8258	35882	19921848	201
p38b-4	p38b	CG8258	35882	19921848	310
p38c-1	p38c	CG8258	35882	19921848	369
p38c-2	p38c	CG8258	35882	19921848	270
p38c-3	p38c	CG8258	35882	19921848	436
p38c-4	p38c	CG8258	35882	19921848	485
Vector-US-1	Vector	CG7033	31838	18858175	367
Vector-US-2	Vector	CG7033	31838	18858175	479
Vector-US-3	Vector	CG7033	31838	18858175	381
Vector-US-4	Vector	CG7033	31838	18858175	523
Vector-HS-1	Vector	CG7033	31838	18858175	291

Vector-OS-1	Vector	CG7033	31838	18858175	416
Vector-OS-2	Vector	CG7033	31838	18858175	146
Vector-OS-3	Vector	CG7033	31838	18858175	137
Mef2-US-1	Mef2	CG7033	31838	18858175	273
Mef2-US-2	Mef2	CG7033	31838	18858175	257
p38a-1	p38a	CG7033	31838	18858175	474
p38a-2	p38a	CG7033	31838	18858175	508
p38a-3	p38a	CG7033	31838	18858175	565
p38a-4	p38a	CG7033	31838	18858175	425
p38b-1	p38b	CG7033	31838	18858175	429
p38b-2	p38b	CG7033	31838	18858175	304
p38b-3	p38b	CG7033	31838	28571140	495
p38b-4	p38b	CG7033	31838	28571140	619
p38c-1	p38c	CG7033	31838	28571140	569
p38c-2	p38c	CG7033	31838	28571140	558
p38c-3	p38c	CG7033	31838	28571140	625
p38c-4	p38c	CG7033	31838	18858175	345
Vector-US-1	Vector	ERp60	36270	45551086	364
Vector-US-2	Vector	ERp60	36270	45551086	264
Vector-US-3	Vector	ERp60	36270	45551086	337
Vector-US-4	Vector	ERp60	36270	45551086	165
Vector-HS-1	Vector	ERp60	36270	45551086	180
Vector-OS-1	Vector	ERp60	36270	45551086	662
Vector-OS-2	Vector	ERp60	36270	45551086	89
Vector-OS-3	Vector	ERp60	36270	45551086	68
Mef2-US-1	Mef2	ERp60	36270	45551086	156
Mef2-US-2	Mef2	ERp60	36270	45551086	139
p38a-1	p38a	ERp60	36270	45551086	327
p38a-2	p38a	ERp60	36270	45551086	206
p38a-3	p38a	ERp60	36270	45551086	98
p38a-4	p38a	ERp60	36270	45551086	164
p38b-1	p38b	ERp60	36270	45551086	169
p38b-2	p38b	ERp60	36270	45551086	212
p38c-1	p38c	ERp60	36270	45551086	207
p38c-2	p38c	ERp60	36270	45551086	151
p38c-3	p38c	ERp60	36270	45551086	94
p38c-4	p38c	ERp60	36270	45551086	269
Vector-US-1	Vector	eEF1delta	34363	19921046	357
Vector-US-2	Vector	eEF1delta	34363	19921046	395
Vector-US-3	Vector	eEF1delta	34363	19921046	437
Vector-US-4	Vector	eEF1delta	34363	19921046	408
Vector-HS-1	Vector	eEF1delta	34363	19921046	378
Vector-OS-1	Vector	eEF1delta	34363	19921046	559
Vector-OS-2	Vector	eEF1delta	34363	19921046	195
Vector-OS-3	Vector	eEF1delta	34363	19921046	196
Mef2-US-1	Mef2	eEF1delta	34363	19921046	177
Mef2-US-2	Mef2	eEF1delta	34363	19921046	97

p38a-1	p38a	eEF1delta	34363	19921046	263
p38a-2	p38a	eEF1delta	34363	19921046	268
p38a-3	p38a	eEF1delta	34363	19921046	354
p38a-4	p38a	eEF1delta	34363	19921046	461
p38b-1	p38b	eEF1delta	34363	19921046	90
p38b-2	p38b	eEF1delta	34363	19921046	285
p38b-3	p38b	eEF1delta	34363	19921046	106
p38b-4	p38b	eEF1delta	34363	19921046	321
p38c-1	p38c	eEF1delta	34363	19921046	283
p38c-2	p38c	eEF1delta	34363	19921046	412
p38c-3	p38c	eEF1delta	34363	19921046	450
p38c-4	p38c	eEF1delta	34363	19921046	284
Vector-US-1	Vector	Akap200	34170	17137718	350
Vector-US-2	Vector	Akap200	34170	17137718	403
Vector-US-3	Vector	Akap200	34170	17137718	317
Vector-US-4	Vector	Akap200	34170	17137718	285
Vector-HS-1	Vector	Akap200	34170	17137716	215
Vector-OS-1	Vector	Akap200	34170	17137718	197
Vector-OS-3	Vector	Akap200	34170	17137718	67
Mef2-US-1	Mef2	Akap200	34170	17137718	262
Mef2-US-2	Mef2	Akap200	34170	17137716	63
p38a-1	p38a	Akap200	34170	17137718	355
p38a-2	p38a	Akap200	34170	17137718	259
p38a-3	p38a	Akap200	34170	17137718	167
p38a-4	p38a	Akap200	34170	17137718	266
p38b-1	p38b	Akap200	34170	17137718	212
p38b-2	p38b	Akap200	34170	17137718	170
p38b-3	p38b	Akap200	34170	17137718	193
p38b-4	p38b	Akap200	34170	17137718	189
p38c-1	p38c	Akap200	34170	17137718	276
p38c-2	p38c	Akap200	34170	17137718	313
p38c-3	p38c	Akap200	34170	28574063	378
p38c-4	p38c	Akap200	34170	17137718	319
Vector-US-1	Vector	lig	35771	62471671	349
Vector-US-2	Vector	lig	35771	62471671	427
Vector-US-3	Vector	lig	35771	62471671	270
Vector-US-4	Vector	lig	35771	62471671	374
Vector-HS-1	Vector	lig	35771	62471671	281
Vector-OS-1	Vector	lig	35771	62471671	443
Mef2-US-1	Mef2	lig	35771	62471671	160
Mef2-US-2	Mef2	lig	35771	62471671	212
p38a-1	p38a	lig	35771	62471671	168
p38a-2	p38a	lig	35771	62471671	266
p38a-3	p38a	lig	35771	62471671	289
p38a-4	p38a	lig	35771	62471671	80
p38b-1	p38b	lig	35771	62471671	151
p38b-3	p38b	lig	35771	62471671	101

p38b-4	p38b	lig	35771	62471671	91
p38c-1	p38c	lig	35771	62471671	246
p38c-2	p38c	lig	35771	62471671	321
p38c-3	p38c	lig	35771	62471671	251
p38c-4	p38c	lig	35771	62471671	460
Vector-US-1	Vector	CG10984	39446	28574508	332
Vector-US-2	Vector	CG10984	39446	28574508	140
Vector-US-3	Vector	CG10984	39446	28574508	123
Vector-US-4	Vector	CG10984	39446	28574508	56
Vector-HS-1	Vector	CG10984	39446	28574508	209
Vector-OS-1	Vector	CG10984	39446	28574508	396
Mef2-US-1	Mef2	CG10984	39446	28574508	70
Mef2-US-2	Mef2	CG10984	39446	28574508	216
p38a-1	p38a	CG10984	39446	28574508	52
p38a-2	p38a	CG10984	39446	28574508	37
p38a-3	p38a	CG10984	39446	28574508	168
p38a-4	p38a	CG10984	39446	28574508	55
p38c-1	p38c	CG10984	39446	28574508	159
p38c-2	p38c	CG10984	39446	28574508	149
p38c-3	p38c	CG10984	39446	28574508	231
p38c-4	p38c	CG10984	39446	28574508	216
Vector-US-1	Vector	14-3-3epsilon	42186	24647885	323
Vector-US-2	Vector	14-3-3epsilon	42186	24647885	224
Vector-US-3	Vector	14-3-3epsilon	42186	24647885	206
Vector-US-4	Vector	14-3-3epsilon	42186	24647885	218
Vector-HS-1	Vector	14-3-3epsilon	42186	24647885	89
Vector-OS-1	Vector	14-3-3epsilon	42186	24647885	173
Vector-OS-2	Vector	14-3-3epsilon	42186	24647885	135
Vector-OS-3	Vector	14-3-3epsilon	42186	24647885	91
Mef2-US-1	Mef2	14-3-3epsilon	42186	24647885	289
Mef2-US-2	Mef2	14-3-3epsilon	42186	24647885	533
p38a-1	p38a	14-3-3epsilon	42186	24647885	42
p38a-2	p38a	14-3-3epsilon	42186	24647885	149
p38a-3	p38a	14-3-3epsilon	42186	24647885	138
p38a-4	p38a	14-3-3epsilon	42186	24647885	182
p38b-1	p38b	14-3-3epsilon	42186	24647885	95
p38b-2	p38b	14-3-3epsilon	42186	24647885	106
p38b-3	p38b	14-3-3epsilon	42186	24647885	113
p38b-4	p38b	14-3-3epsilon	42186	24647885	115
p38c-1	p38c	14-3-3epsilon	42186	24647885	117
p38c-2	p38c	14-3-3epsilon	42186	24647885	146
p38c-3	p38c	14-3-3epsilon	42186	24647885	86
Vector-US-1	Vector	Inos	35671	17137626	319
Vector-US-2	Vector	Inos	35671	17137626	132
Vector-US-3	Vector	Inos	35671	17137626	153
Vector-US-4	Vector	Inos	35671	17137626	149
Vector-OS-1	Vector	Inos	35671	17137626	183

Vector-OS-2	Vector	Inos	35671	17137626	73
Vector-OS-3	Vector	Inos	35671	17137626	69
p38a-2	p38a	Inos	35671	17137626	37
p38b-1	p38b	Inos	35671	17137626	34
p38c-1	p38c	Inos	35671	17137626	175
p38c-2	p38c	Inos	35671	17137626	171
p38c-3	p38c	Inos	35671	17137626	63
p38c-4	p38c	Inos	35671	17137626	202
Vector-US-1	Vector	Past1	41569	24646379	316
Vector-US-2	Vector	Past1	41569	24646379	58
Vector-US-3	Vector	Past1	41569	24646379	120
Vector-US-4	Vector	Past1	41569	24646379	67
p38a-1	p38a	Past1	41569	24646379	43
p38a-2	p38a	Past1	41569	24646379	68
p38a-3	p38a	Past1	41569	24646379	105
p38c-1	p38c	Past1	41569	24646381	50
p38c-3	p38c	Past1	41569	24646379	57
p38c-4	p38c	Past1	41569	24646379	68
Vector-US-1	Vector	Spindly	33578	281364339	315
Vector-US-2	Vector	Spindly	33578	281364339	412
Vector-US-3	Vector	Spindly	33578	281364339	215
Vector-US-4	Vector	Spindly	33578	281364339	354
Vector-HS-1	Vector	Spindly	33578	281364339	575
Vector-OS-1	Vector	Spindly	33578	281364339	539
p38a-1	p38a	Spindly	33578	281364339	149
p38a-2	p38a	Spindly	33578	281364339	421
p38a-3	p38a	Spindly	33578	281364339	158
p38a-4	p38a	Spindly	33578	281364339	302
p38c-1	p38c	Spindly	33578	281364339	432
p38c-2	p38c	Spindly	33578	281364339	381
p38c-3	p38c	Spindly	33578	281364339	99
p38c-4	p38c	Spindly	33578	281364339	411
Vector-US-1	Vector	AGO2	39683	24664664	314
Vector-US-2	Vector	AGO2	39683	24664664	395
Vector-US-3	Vector	AGO2	39683	24664664	526
Vector-US-4	Vector	AGO2	39683	24664664	212
Vector-HS-1	Vector	AGO2	39683	24664664	198
Vector-OS-1	Vector	AGO2	39683	24664664	221
Mef2-US-1	Mef2	AGO2	39683	24664664	216
Mef2-US-2	Mef2	AGO2	39683	24664664	348
p38a-2	p38a	AGO2	39683	24664664	358
p38a-3	p38a	AGO2	39683	24664664	94
p38a-4	p38a	AGO2	39683	24664664	164
p38b-1	p38b	AGO2	39683	24664664	34
p38c-1	p38c	AGO2	39683	24664664	261
p38c-2	p38c	AGO2	39683	24664664	330
p38c-3	p38c	AGO2	39683	24664664	104

p38c-4	p38c	AGO2	39683	24664664	286
Vector-US-1	Vector	caz	32587	24642436	311
Vector-US-2	Vector	caz	32587	24642436	448
Vector-US-3	Vector	caz	32587	24642436	674
Vector-US-4	Vector	caz	32587	24642436	287
Vector-HS-1	Vector	caz	32587	24642436	414
Vector-OS-1	Vector	caz	32587	24642436	665
Vector-OS-2	Vector	caz	32587	24642436	181
Vector-OS-3	Vector	caz	32587	24642436	81
Mef2-US-1	Mef2	caz	32587	24642436	279
Mef2-US-2	Mef2	caz	32587	24642436	345
p38a-1	p38a	caz	32587	24642436	257
p38a-2	p38a	caz	32587	24642436	366
p38a-3	p38a	caz	32587	24642436	397
p38a-4	p38a	caz	32587	24642436	139
p38b-1	p38b	caz	32587	24642436	158
p38b-2	p38b	caz	32587	24642436	92
p38b-3	p38b	caz	32587	24642436	222
p38b-4	p38b	caz	32587	24642436	111
p38c-1	p38c	caz	32587	24642436	443
p38c-2	p38c	caz	32587	24642436	388
p38c-3	p38c	caz	32587	24642436	345
p38c-4	p38c	caz	32587	24642436	454
Vector-US-1	Vector	Pros45	33105	19920408	301
Vector-US-2	Vector	Pros45	33105	19920408	472
Vector-US-3	Vector	Pros45	33105	19920408	376
Vector-US-4	Vector	Pros45	33105	19920408	400
Vector-HS-1	Vector	Pros45	33105	19920408	97
Vector-OS-1	Vector	Pros45	33105	19920408	477
Vector-OS-2	Vector	Pros45	33105	19920408	133
Mef2-US-1	Mef2	Pros45	33105	19920408	77
p38a-1	p38a	Pros45	33105	19920408	248
p38a-2	p38a	Pros45	33105	19920408	186
p38a-3	p38a	Pros45	33105	19920408	210
p38a-4	p38a	Pros45	33105	19920408	214
p38b-1	p38b	Pros45	33105	19920408	75
p38b-2	p38b	Pros45	33105	19920408	100
p38b-3	p38b	Pros45	33105	19920408	72
p38b-4	p38b	Pros45	33105	19920408	126
p38c-1	p38c	Pros45	33105	19920408	429
p38c-2	p38c	Pros45	33105	19920408	440
p38c-3	p38c	Pros45	33105	19920408	482
p38c-4	p38c	Pros45	33105	19920408	318
Vector-US-1	Vector	ade5	32228	18860083	300
Vector-US-2	Vector	ade5	32228	18860083	291
Vector-US-3	Vector	ade5	32228	18860083	315
Vector-US-4	Vector	ade5	32228	18860083	287

Vector-HS-1	Vector	ade5	32228	18860083	112
Vector-OS-1	Vector	ade5	32228	18860083	106
Mef2-US-1	Mef2	ade5	32228	18860083	163
Mef2-US-2	Mef2	ade5	32228	18860083	134
p38a-1	p38a	ade5	32228	18860083	203
p38a-2	p38a	ade5	32228	18860083	246
p38a-3	p38a	ade5	32228	18860083	207
p38a-4	p38a	ade5	32228	18860083	373
p38b-1	p38b	ade5	32228	18860083	121
p38b-2	p38b	ade5	32228	18860083	294
p38b-3	p38b	ade5	32228	18860083	89
p38b-4	p38b	ade5	32228	18860083	249
p38c-1	p38c	ade5	32228	18860083	317
p38c-2	p38c	ade5	32228	18860083	280
p38c-3	p38c	ade5	32228	18860083	118
p38c-4	p38c	ade5	32228	18860083	344
Vector-US-1	Vector	14-3-3zeta	36059	24652322	289
Vector-US-2	Vector	14-3-3zeta	36059	24652322	286
Vector-US-3	Vector	14-3-3zeta	36059	24652322	325
Vector-US-4	Vector	14-3-3zeta	36059	24652322	390
Vector-HS-1	Vector	14-3-3zeta	36059	24652322	257
Vector-OS-1	Vector	14-3-3zeta	36059	24652322	374
Mef2-US-1	Mef2	14-3-3zeta	36059	24652322	285
Mef2-US-2	Mef2	14-3-3zeta	36059	24652322	348
p38a-1	p38a	14-3-3zeta	36059	24652322	120
p38a-2	p38a	14-3-3zeta	36059	24652322	325
p38a-3	p38a	14-3-3zeta	36059	24652322	190
p38a-4	p38a	14-3-3zeta	36059	24652326	172
p38b-1	p38b	14-3-3zeta	36059	24652322	43
p38b-2	p38b	14-3-3zeta	36059	24652322	106
p38b-4	p38b	14-3-3zeta	36059	24652322	59
p38c-1	p38c	14-3-3zeta	36059	24652322	281
p38c-2	p38c	14-3-3zeta	36059	24652322	230
p38c-3	p38c	14-3-3zeta	36059	24652322	169
p38c-4	p38c	14-3-3zeta	36059	24652322	152
Vector-US-1	Vector	rin	47998	24646611	288
Vector-US-2	Vector	rin	47998	24646611	166
Vector-US-3	Vector	rin	47998	24646611	197
Vector-US-4	Vector	rin	47998	24646611	171
Vector-HS-1	Vector	rin	47998	24646611	171
Vector-OS-1	Vector	rin	47998	24646611	225
Mef2-US-1	Mef2	rin	47998	24646611	72
Mef2-US-2	Mef2	rin	47998	24646611	92
p38a-1	p38a	rin	47998	24646611	168
p38a-3	p38a	rin	47998	24646611	175
p38a-4	p38a	rin	47998	24646611	66
p38c-1	p38c	rin	47998	24646611	232

p38c-2	p38c	rin	47998	24646611	225
p38c-3	p38c	rin	47998	24646611	187
p38c-4	p38c	rin	47998	24646611	169
Vector-US-1	Vector	Pros26.4	42828	24649446	286
Vector-US-2	Vector	Pros26.4	42828	24649446	154
Vector-US-3	Vector	Pros26.4	42828	24649446	215
Vector-US-4	Vector	Pros26.4	42828	24649446	288
Vector-HS-1	Vector	Pros26.4	42828	24649446	199
Vector-OS-1	Vector	Pros26.4	42828	24649446	272
Mef2-US-1	Mef2	Pros26.4	42828	24649446	78
p38a-1	p38a	Pros26.4	42828	24649446	83
p38a-2	p38a	Pros26.4	42828	24649446	243
p38a-3	p38a	Pros26.4	42828	24649446	204
p38a-4	p38a	Pros26.4	42828	24649446	189
p38b-1	p38b	Pros26.4	42828	24649446	77
p38b-2	p38b	Pros26.4	42828	24649446	81
p38b-3	p38b	Pros26.4	42828	24649446	119
p38b-4	p38b	Pros26.4	42828	24649446	303
p38c-1	p38c	Pros26.4	42828	24649446	357
p38c-2	p38c	Pros26.4	42828	24649446	373
p38c-3	p38c	Pros26.4	42828	24649446	412
p38c-4	p38c	Pros26.4	42828	24649446	351
Vector-US-1	Vector	Ack	38489	21356021	285
Vector-US-2	Vector	Ack	38489	21356021	437
Vector-US-3	Vector	Ack	38489	21356021	555
Vector-US-4	Vector	Ack	38489	21356021	309
Vector-HS-1	Vector	Ack	38489	21356021	374
Vector-OS-1	Vector	Ack	38489	21356021	362
Vector-OS-2	Vector	Ack	38489	21356021	126
Vector-OS-3	Vector	Ack	38489	21356021	57
Mef2-US-1	Mef2	Ack	38489	21356021	189
Mef2-US-2	Mef2	Ack	38489	21356021	87
p38a-1	p38a	Ack	38489	21356021	210
p38a-2	p38a	Ack	38489	21356021	403
p38a-3	p38a	Ack	38489	21356021	450
p38a-4	p38a	Ack	38489	21356021	366
p38c-1	p38c	Ack	38489	21356021	334
p38c-2	p38c	Ack	38489	21356021	258
p38c-3	p38c	Ack	38489	21356021	222
p38c-4	p38c	Ack	38489	21356021	323
Vector-US-1	Vector	CG10630	38620	24658349	281
Vector-US-2	Vector	CG10630	38620	24658349	239
Vector-US-3	Vector	CG10630	38620	24658349	353
Vector-US-4	Vector	CG10630	38620	24658349	334
Vector-HS-1	Vector	CG10630	38620	24658349	173
Vector-OS-1	Vector	CG10630	38620	24658349	445
Vector-OS-2	Vector	CG10630	38620	24658349	88

Vector-OS-3	Vector	CG10630	38620	24658349	51
Mef2-US-1	Mef2	CG10630	38620	24658349	68
Mef2-US-2	Mef2	CG10630	38620	24658349	252
p38a-1	p38a	CG10630	38620	24658349	357
p38a-2	p38a	CG10630	38620	24658349	196
p38a-3	p38a	CG10630	38620	24658349	225
p38a-4	p38a	CG10630	38620	24658349	202
p38b-1	p38b	CG10630	38620	24658349	157
p38b-2	p38b	CG10630	38620	24658349	139
p38b-3	p38b	CG10630	38620	24658349	199
p38b-4	p38b	CG10630	38620	24658349	159
p38c-1	p38c	CG10630	38620	24658349	125
p38c-2	p38c	CG10630	38620	24658349	154
p38c-3	p38c	CG10630	38620	24658349	241
p38c-4	p38c	CG10630	38620	24658349	363
Vector-US-1	Vector	eIF4G	43839	161076325	279
Vector-US-2	Vector	eIF4G	43839	161076325	132
Vector-US-3	Vector	eIF4G	43839	161076325	155
Vector-HS-1	Vector	eIF4G	43839	161076325	49
Vector-OS-1	Vector	eIF4G	43839	161076325	169
Vector-OS-3	Vector	eIF4G	43839	161076325	48
Mef2-US-1	Mef2	eIF4G	43839	161076325	89
Mef2-US-2	Mef2	eIF4G	43839	161076325	138
p38a-1	p38a	eIF4G	43839	161076325	96
p38a-2	p38a	eIF4G	43839	161076325	53
p38a-3	p38a	eIF4G	43839	161076325	107
p38a-4	p38a	eIF4G	43839	161076325	70
p38b-1	p38b	eIF4G	43839	161076325	76
p38b-2	p38b	eIF4G	43839	161076325	57
p38b-3	p38b	eIF4G	43839	161076325	72
p38b-4	p38b	eIF4G	43839	161076325	72
p38c-1	p38c	eIF4G	43839	161076325	74
p38c-2	p38c	eIF4G	43839	161076325	271
p38c-3	p38c	eIF4G	43839	161076325	79
Vector-US-1	Vector	Droj2	41646	21357547	278
Vector-US-2	Vector	Droj2	41646	21357547	138
Vector-US-3	Vector	Droj2	41646	21357547	305
Vector-US-4	Vector	Droj2	41646	21357547	328
Vector-HS-1	Vector	Droj2	41646	21357547	93
Vector-OS-1	Vector	Droj2	41646	21357547	375
Vector-OS-3	Vector	Droj2	41646	21357547	50
Mef2-US-1	Mef2	Droj2	41646	21357547	199
Mef2-US-2	Mef2	Droj2	41646	21357547	163
p38a-1	p38a	Droj2	41646	21357547	96
p38a-2	p38a	Droj2	41646	21357547	242
p38a-3	p38a	Droj2	41646	21357547	250
p38a-4	p38a	Droj2	41646	21357547	144

p38b-1	p38b	Droj2	41646	21357547	81
p38b-2	p38b	Droj2	41646	21357547	163
p38b-3	p38b	Droj2	41646	21357547	112
p38b-4	p38b	Droj2	41646	21357547	116
p38c-1	p38c	Droj2	41646	21357547	359
p38c-2	p38c	Droj2	41646	21357547	523
p38c-3	p38c	Droj2	41646	21357547	553
p38c-4	p38c	Droj2	41646	21357547	603
Vector-US-1	Vector	ATPCL	36760	281363473	272
Vector-US-2	Vector	ATPCL	36760	281363473	527
Vector-US-3	Vector	ATPCL	36760	281363473	339
Vector-US-4	Vector	ATPCL	36760	281363473	411
Vector-OS-1	Vector	ATPCL	36760	281363473	211
Mef2-US-1	Mef2	ATPCL	36760	281363473	163
p38a-1	p38a	ATPCL	36760	281363473	211
p38a-2	p38a	ATPCL	36760	281363473	399
p38a-3	p38a	ATPCL	36760	281363473	138
p38a-4	p38a	ATPCL	36760	281363473	305
p38b-1	p38b	ATPCL	36760	281363473	38
p38b-2	p38b	ATPCL	36760	281363473	129
p38b-3	p38b	ATPCL	36760	281363473	166
p38b-4	p38b	ATPCL	36760	281363473	217
p38c-1	p38c	ATPCL	36760	281363473	176
p38c-2	p38c	ATPCL	36760	281363473	400
p38c-3	p38c	ATPCL	36760	281363473	467
p38c-4	p38c	ATPCL	36760	281363473	175
Vector-US-1	Vector	CG13349	36545	19922206	271
Vector-US-2	Vector	CG13349	36545	19922206	367
Vector-US-3	Vector	CG13349	36545	19922206	294
Vector-US-4	Vector	CG13349	36545	19922206	186
Vector-OS-1	Vector	CG13349	36545	19922206	51
Mef2-US-1	Mef2	CG13349	36545	19922206	103
Mef2-US-2	Mef2	CG13349	36545	19922206	123
p38a-1	p38a	CG13349	36545	19922206	33
p38a-2	p38a	CG13349	36545	19922206	56
p38a-3	p38a	CG13349	36545	19922206	174
p38a-4	p38a	CG13349	36545	19922206	92
p38b-1	p38b	CG13349	36545	19922206	87
p38b-2	p38b	CG13349	36545	19922206	63
p38b-4	p38b	CG13349	36545	19922206	88
p38c-1	p38c	CG13349	36545	19922206	67
p38c-2	p38c	CG13349	36545	19922206	178
p38c-3	p38c	CG13349	36545	19922206	159
Vector-US-1	Vector	Ef1gamma	44791	24651001	268
Vector-US-2	Vector	Ef1gamma	44791	24651001	339
Vector-US-3	Vector	Ef1gamma	44791	24651001	295
Vector-US-4	Vector	Ef1gamma	44791	24651001	267

Vector-HS-1	Vector	Ef1gamma	44791	24651001	318
Vector-OS-1	Vector	Ef1gamma	44791	24651001	497
Vector-OS-3	Vector	Ef1gamma	44791	24651001	62
Mef2-US-1	Mef2	Ef1gamma	44791	24651001	181
Mef2-US-2	Mef2	Ef1gamma	44791	24651001	223
p38a-1	p38a	Ef1gamma	44791	24651001	169
p38a-2	p38a	Ef1gamma	44791	24651001	296
p38a-3	p38a	Ef1gamma	44791	24651001	334
p38a-4	p38a	Ef1gamma	44791	24651001	243
p38b-1	p38b	Ef1gamma	44791	24651001	67
p38b-2	p38b	Ef1gamma	44791	24651001	321
p38b-3	p38b	Ef1gamma	44791	24651001	382
p38b-4	p38b	Ef1gamma	44791	24651001	278
p38c-1	p38c	Ef1gamma	44791	24651001	505
p38c-2	p38c	Ef1gamma	44791	24651001	552
p38c-3	p38c	Ef1gamma	44791	24651001	555
p38c-4	p38c	Ef1gamma	44791	24651001	461
Vector-US-1	Vector	Aats-ala	34156	24582809	268
p38a-1	p38a	Aats-ala	34156	24582809	39
p38a-4	p38a	Aats-ala	34156	24582809	47
Vector-US-1	Vector	PyK	42620	24648964	267
Vector-US-2	Vector	PyK	42620	24648964	157
Vector-US-3	Vector	PyK	42620	24648964	56
Vector-US-4	Vector	PyK	42620	24648964	130
Vector-HS-1	Vector	PyK	42620	24648964	65
p38a-1	p38a	PyK	42620	24648964	43
p38a-2	p38a	PyK	42620	24648964	46
p38a-4	p38a	PyK	42620	24648964	110
p38b-1	p38b	PyK	42620	24648964	51
p38b-2	p38b	PyK	42620	24648964	48
p38b-3	p38b	PyK	42620	24648964	49
p38c-2	p38c	PyK	42620	24648964	84
p38c-3	p38c	PyK	42620	24648964	129
p38c-4	p38c	PyK	42620	24648964	48
Vector-US-1	Vector	CG1622	32282	24641727	263
Vector-US-2	Vector	CG1622	32282	24641727	156
Vector-US-3	Vector	CG1622	32282	24641727	222
Vector-US-4	Vector	CG1622	32282	24641727	153
Vector-OS-1	Vector	CG1622	32282	24641727	293
Mef2-US-2	Mef2	CG1622	32282	24641727	81
p38a-2	p38a	CG1622	32282	24641727	243
p38a-3	p38a	CG1622	32282	24641727	248
p38a-4	p38a	CG1622	32282	24641727	169
p38b-1	p38b	CG1622	32282	24641727	51
p38b-3	p38b	CG1622	32282	24641727	61
p38b-4	p38b	CG1622	32282	24641727	103
p38c-1	p38c	CG1622	32282	24641727	79

p38c-2	p38c	CG1622	32282	24641727	143
p38c-3	p38c	CG1622	32282	24641727	179
p38c-4	p38c	CG1622	32282	24641727	89
Vector-US-1	Vector	Rpt1	35701	17137738	263
Vector-US-2	Vector	Rpt1	35701	17137738	298
Vector-US-3	Vector	Rpt1	35701	17137738	357
Vector-US-4	Vector	Rpt1	35701	17137738	307
Vector-HS-1	Vector	Rpt1	35701	17137738	224
Vector-OS-1	Vector	Rpt1	35701	17137738	394
Vector-OS-2	Vector	Rpt1	35701	17137738	47
Vector-OS-3	Vector	Rpt1	35701	17137738	56
Mef2-US-2	Mef2	Rpt1	35701	17137738	75
p38a-1	p38a	Rpt1	35701	17137738	95
p38a-2	p38a	Rpt1	35701	17137738	285
p38a-3	p38a	Rpt1	35701	17137738	410
p38a-4	p38a	Rpt1	35701	17137738	144
p38b-2	p38b	Rpt1	35701	17137738	84
p38b-3	p38b	Rpt1	35701	17137738	51
p38b-4	p38b	Rpt1	35701	17137738	218
p38c-1	p38c	Rpt1	35701	17137738	248
p38c-2	p38c	Rpt1	35701	17137738	269
p38c-3	p38c	Rpt1	35701	17137738	284
p38c-4	p38c	Rpt1	35701	17137738	374
Vector-US-1	Vector	La	35305	17136954	260
Vector-US-2	Vector	La	35305	17136954	90
Vector-US-3	Vector	La	35305	17136954	140
Vector-OS-1	Vector	La	35305	17136954	94
Vector-OS-3	Vector	La	35305	17136954	49
p38a-1	p38a	La	35305	17136954	38
p38a-2	p38a	La	35305	17136954	81
p38a-3	p38a	La	35305	17136954	108
p38b-1	p38b	La	35305	17136954	81
p38b-4	p38b	La	35305	17136954	79
p38c-1	p38c	La	35305	17136954	65
p38c-3	p38c	La	35305	17136954	88
p38c-4	p38c	La	35305	17136954	117
Vector-US-1	Vector	Rpn7	42641	21355773	257
Vector-US-2	Vector	Rpn7	42641	21355773	257
Vector-US-3	Vector	Rpn7	42641	21355773	271
Vector-US-4	Vector	Rpn7	42641	21355773	159
Vector-HS-1	Vector	Rpn7	42641	21355773	172
Vector-OS-1	Vector	Rpn7	42641	21355773	226
p38a-1	p38a	Rpn7	42641	21355773	47
p38a-2	p38a	Rpn7	42641	21355773	191
p38a-3	p38a	Rpn7	42641	21355773	112
p38a-4	p38a	Rpn7	42641	21355773	281
p38b-1	p38b	Rpn7	42641	21355773	50

p38b-2	p38b	Rpn7	42641	21355773	116
p38c-1	p38c	Rpn7	42641	21355773	154
p38c-2	p38c	Rpn7	42641	21355773	248
p38c-3	p38c	Rpn7	42641	21355773	221
p38c-4	p38c	Rpn7	42641	21355773	279
Vector-US-1	Vector	Act5C	31521	17530805	252
Vector-HS-1	Vector	Act5C	31521	17530805	293
p38a-1	p38a	Act5C	31521	17530805	279
p38b-2	p38b	Act5C	31521	17530805	67
p38c-2	p38c	Act5C	31521	17530805	290
Vector-US-1	Vector	Nopp140	40433	45551819	251
Vector-US-2	Vector	Nopp140	40433	45551819	172
Vector-US-3	Vector	Nopp140	40433	45551819	221
Vector-US-4	Vector	Nopp140	40433	45551819	69
Vector-HS-1	Vector	Nopp140	40433	45551819	151
Vector-OS-1	Vector	Nopp140	40433	45551819	446
Vector-OS-2	Vector	Nopp140	40433	45551819	56
Mef2-US-1	Mef2	Nopp140	40433	45551819	143
Mef2-US-2	Mef2	Nopp140	40433	45551819	165
p38a-2	p38a	Nopp140	40433	45551819	59
p38a-3	p38a	Nopp140	40433	45551819	141
p38b-1	p38b	Nopp140	40433	45551819	67
p38b-3	p38b	Nopp140	40433	45551819	171
p38b-4	p38b	Nopp140	40433	45551819	142
p38c-1	p38c	Nopp140	40433	45551819	219
p38c-2	p38c	Nopp140	40433	45551819	183
p38c-3	p38c	Nopp140	40433	45551819	187
p38c-4	p38c	Nopp140	40433	45551819	205
Vector-US-1	Vector	beta'Cop	45757	24584107	246
Vector-US-2	Vector	beta'Cop	45757	24584107	352
Vector-US-3	Vector	beta'Cop	45757	24584107	376
Vector-US-4	Vector	beta'Cop	45757	24584107	265
Vector-HS-1	Vector	beta'Cop	45757	24584107	143
Vector-OS-1	Vector	beta'Cop	45757	24584107	248
Vector-OS-2	Vector	beta'Cop	45757	24584107	85
p38a-1	p38a	beta'Cop	45757	24584107	71
p38a-2	p38a	beta'Cop	45757	24584107	180
p38a-3	p38a	beta'Cop	45757	24584107	153
p38a-4	p38a	beta'Cop	45757	24584107	130
p38b-1	p38b	beta'Cop	45757	24584107	50
p38b-2	p38b	beta'Cop	45757	24584107	74
p38b-3	p38b	beta'Cop	45757	24584107	186
p38b-4	p38b	beta'Cop	45757	24584107	142
p38c-1	p38c	beta'Cop	45757	24584107	198
p38c-2	p38c	beta'Cop	45757	24584107	212
p38c-3	p38c	beta'Cop	45757	24584107	276
p38c-4	p38c	beta'Cop	45757	24584107	238

Vector-US-1	Vector	CG9894	33462	19920594	243
Vector-US-3	Vector	CG9894	33462	19920594	102
Vector-OS-1	Vector	CG9894	33462	19920594	147
Mef2-US-2	Mef2	CG9894	33462	19920594	115
p38a-2	p38a	CG9894	33462	19920594	66
p38b-4	p38b	CG9894	33462	19920594	68
p38c-1	p38c	CG9894	33462	19920594	105
p38c-2	p38c	CG9894	33462	19920594	115
Vector-US-1	Vector	Rpn6	36638	17137740	238
Vector-US-2	Vector	Rpn6	36638	17137740	223
Vector-US-3	Vector	Rpn6	36638	17137740	183
Vector-US-4	Vector	Rpn6	36638	17137740	147
Vector-HS-1	Vector	Rpn6	36638	17137740	56
Vector-OS-1	Vector	Rpn6	36638	17137740	269
p38a-1	p38a	Rpn6	36638	17137740	77
p38a-2	p38a	Rpn6	36638	17137740	67
p38a-3	p38a	Rpn6	36638	17137740	117
p38a-4	p38a	Rpn6	36638	17137740	143
p38c-1	p38c	Rpn6	36638	17137740	125
p38c-2	p38c	Rpn6	36638	17137740	321
p38c-3	p38c	Rpn6	36638	17137740	156
p38c-4	p38c	Rpn6	36638	17137740	181
Vector-US-1	Vector	betaCop	32820	17647193	234
Vector-US-2	Vector	betaCop	32820	17647193	281
Vector-US-3	Vector	betaCop	32820	17647193	286
Vector-US-4	Vector	betaCop	32820	17647193	347
Vector-HS-1	Vector	betaCop	32820	17647193	210
Vector-OS-1	Vector	betaCop	32820	17647193	352
Vector-OS-2	Vector	betaCop	32820	17647193	98
Vector-OS-3	Vector	betaCop	32820	17647193	52
Mef2-US-2	Mef2	betaCop	32820	17647193	69
p38a-1	p38a	betaCop	32820	17647193	195
p38a-2	p38a	betaCop	32820	17647193	202
p38a-3	p38a	betaCop	32820	17647193	84
p38a-4	p38a	betaCop	32820	17647193	231
p38b-2	p38b	betaCop	32820	17647193	85
p38b-3	p38b	betaCop	32820	17647193	51
p38b-4	p38b	betaCop	32820	17647193	131
p38c-1	p38c	betaCop	32820	17647193	120
p38c-2	p38c	betaCop	32820	17647193	231
p38c-3	p38c	betaCop	32820	17647193	272
p38c-4	p38c	betaCop	32820	17647193	254
Vector-US-1	Vector	Hsc70Cb	39557	21357475	234
Vector-US-2	Vector	Hsc70Cb	39557	21357475	372
Vector-US-3	Vector	Hsc70Cb	39557	21357475	240
Vector-US-4	Vector	Hsc70Cb	39557	21357475	150
Vector-HS-1	Vector	Hsc70Cb	39557	21357475	54

Vector-OS-1	Vector	Hsc70Cb	39557	21357475	171
Vector-OS-3	Vector	Hsc70Cb	39557	21357475	53
Mef2-US-1	Mef2	Hsc70Cb	39557	21357475	231
Mef2-US-2	Mef2	Hsc70Cb	39557	21357475	481
p38a-1	p38a	Hsc70Cb	39557	21357475	103
p38a-2	p38a	Hsc70Cb	39557	21357475	139
p38a-3	p38a	Hsc70Cb	39557	21357475	177
p38a-4	p38a	Hsc70Cb	39557	21357475	175
p38c-1	p38c	Hsc70Cb	39557	21357475	70
p38c-2	p38c	Hsc70Cb	39557	21357475	51
p38c-3	p38c	Hsc70Cb	39557	21357475	78
p38c-4	p38c	Hsc70Cb	39557	21357475	165
Vector-US-1	Vector	Sir2	34708	17137536	232
Vector-US-2	Vector	Sir2	34708	17137536	541
Vector-US-3	Vector	Sir2	34708	17137536	356
Vector-US-4	Vector	Sir2	34708	17137536	215
Vector-HS-1	Vector	Sir2	34708	17137536	65
Vector-OS-1	Vector	Sir2	34708	17137536	527
Mef2-US-1	Mef2	Sir2	34708	17137536	159
p38a-1	p38a	Sir2	34708	17137536	35
p38a-2	p38a	Sir2	34708	17137536	326
p38a-3	p38a	Sir2	34708	17137536	272
p38a-4	p38a	Sir2	34708	17137536	265
p38c-1	p38c	Sir2	34708	17137536	100
p38c-2	p38c	Sir2	34708	17137536	245
p38c-3	p38c	Sir2	34708	17137536	347
p38c-4	p38c	Sir2	34708	17137536	361
Vector-US-1	Vector	fax	39826	28574889	231
Vector-US-2	Vector	fax	39826	28574889	202
Vector-US-3	Vector	fax	39826	28574889	235
Vector-US-4	Vector	fax	39826	28574889	145
Vector-HS-1	Vector	fax	39826	28574889	80
Vector-OS-1	Vector	fax	39826	28574889	275
p38a-1	p38a	fax	39826	28574891	45
p38a-2	p38a	fax	39826	28574889	130
p38a-3	p38a	fax	39826	28574889	186
p38a-4	p38a	fax	39826	28574889	218
p38b-1	p38b	fax	39826	28574889	154
p38b-2	p38b	fax	39826	28574889	173
p38b-3	p38b	fax	39826	28574889	129
p38c-1	p38c	fax	39826	28574889	78
p38c-2	p38c	fax	39826	28574889	223
p38c-3	p38c	fax	39826	28574889	220
p38c-4	p38c	fax	39826	28574889	191
Vector-US-1	Vector	Chd64	38490	21355917	231
Vector-US-2	Vector	Chd64	38490	21355917	287
Vector-US-3	Vector	Chd64	38490	21355917	349

Vector-US-4	Vector	Chd64	38490	21355917	233
Vector-HS-1	Vector	Chd64	38490	21355917	297
Vector-OS-1	Vector	Chd64	38490	21355917	390
Vector-OS-2	Vector	Chd64	38490	21355917	174
Vector-OS-3	Vector	Chd64	38490	21355917	66
Mef2-US-1	Mef2	Chd64	38490	21355917	74
Mef2-US-2	Mef2	Chd64	38490	21355917	148
p38a-1	p38a	Chd64	38490	21355917	121
p38a-2	p38a	Chd64	38490	21355917	221
p38a-3	p38a	Chd64	38490	21355917	210
p38a-4	p38a	Chd64	38490	21355917	230
p38b-1	p38b	Chd64	38490	21355917	74
p38c-1	p38c	Chd64	38490	21355917	311
p38c-2	p38c	Chd64	38490	21355917	252
p38c-3	p38c	Chd64	38490	21355917	254
p38c-4	p38c	Chd64	38490	21355917	307
Vector-US-1	Vector	gammaCop	43717	17864148	231
Vector-US-2	Vector	gammaCop	43717	17864148	95
Vector-US-3	Vector	gammaCop	43717	17864148	286
Vector-US-4	Vector	gammaCop	43717	17864148	212
Vector-HS-1	Vector	gammaCop	43717	17864148	46
Vector-OS-1	Vector	gammaCop	43717	17864148	73
Vector-OS-2	Vector	gammaCop	43717	17864148	63
Vector-OS-3	Vector	gammaCop	43717	17864148	107
Mef2-US-1	Mef2	gammaCop	43717	17864148	89
p38a-1	p38a	gammaCop	43717	17864148	142
p38a-2	p38a	gammaCop	43717	17864148	158
p38a-3	p38a	gammaCop	43717	17864148	108
p38a-4	p38a	gammaCop	43717	17864148	249
p38b-1	p38b	gammaCop	43717	17864148	64
p38b-2	p38b	gammaCop	43717	17864148	181
p38b-3	p38b	gammaCop	43717	17864148	195
p38b-4	p38b	gammaCop	43717	17864148	203
p38c-1	p38c	gammaCop	43717	17864148	228
p38c-2	p38c	gammaCop	43717	17864148	179
p38c-3	p38c	gammaCop	43717	17864148	189
p38c-4	p38c	gammaCop	43717	17864148	288
Vector-US-1	Vector	Ssrp	37767	24762396	229
Vector-US-2	Vector	Ssrp	37767	24762396	504
Vector-US-3	Vector	Ssrp	37767	24762396	553
Vector-US-4	Vector	Ssrp	37767	24762396	547
Vector-HS-1	Vector	Ssrp	37767	24762396	296
Vector-OS-1	Vector	Ssrp	37767	24762396	380
Mef2-US-1	Mef2	Ssrp	37767	24762396	284
p38a-1	p38a	Ssrp	37767	24762396	434
p38a-2	p38a	Ssrp	37767	24762396	514
p38a-3	p38a	Ssrp	37767	24762396	383

p38a-4	p38a	Ssrp	37767	24762396	266
p38c-1	p38c	Ssrp	37767	24762396	367
p38c-2	p38c	Ssrp	37767	24762396	297
p38c-3	p38c	Ssrp	37767	24762396	257
p38c-4	p38c	Ssrp	37767	24762396	348
Vector-US-1	Vector	tral	39430	45550607	229
Vector-US-2	Vector	tral	39430	45550607	307
Vector-US-3	Vector	tral	39430	45550607	209
Vector-US-4	Vector	tral	39430	45550607	184
Vector-HS-1	Vector	tral	39430	45550607	214
Vector-OS-1	Vector	tral	39430	45550607	438
Mef2-US-1	Mef2	tral	39430	45550607	119
Mef2-US-2	Mef2	tral	39430	45550607	136
p38a-1	p38a	tral	39430	45550607	126
p38a-2	p38a	tral	39430	45550607	277
p38a-3	p38a	tral	39430	45550607	230
p38a-4	p38a	tral	39430	45550607	269
p38b-1	p38b	tral	39430	45550607	145
p38b-4	p38b	tral	39430	45550607	61
p38c-1	p38c	tral	39430	45550607	288
p38c-2	p38c	tral	39430	45550607	302
p38c-3	p38c	tral	39430	45550607	191
p38c-4	p38c	tral	39430	45550607	235
Vector-US-1	Vector	Ald	43183	24650278	225
Vector-US-2	Vector	Ald	43183	24650278	207
Vector-US-3	Vector	Ald	43183	24650278	126
Vector-US-4	Vector	Ald	43183	24650278	426
Vector-HS-1	Vector	Ald	43183	24650278	123
Vector-OS-1	Vector	Ald	43183	24650278	152
Mef2-US-1	Mef2	Ald	43183	24650278	64
Mef2-US-2	Mef2	Ald	43183	24650278	73
p38a-1	p38a	Ald	43183	24650278	100
p38a-2	p38a	Ald	43183	24650278	194
p38a-3	p38a	Ald	43183	24650278	252
p38a-4	p38a	Ald	43183	24650278	143
p38b-1	p38b	Ald	43183	24650278	59
p38b-2	p38b	Ald	43183	24650278	59
p38b-3	p38b	Ald	43183	24650278	88
p38b-4	p38b	Ald	43183	24650278	72
p38c-1	p38c	Ald	43183	24650278	157
p38c-2	p38c	Ald	43183	24650278	141
p38c-3	p38c	Ald	43183	24650278	156
p38c-4	p38c	Ald	43183	24650278	80
Vector-US-1	Vector	CG1416	35426	24585720	220
p38a-1	p38a	CG1416	35426	24585720	31
Vector-US-1	Vector	CG15602	32533	161077838	219
Vector-US-2	Vector	CG15602	32533	161077838	350

Vector-US-3	Vector	CG15602	32533	161077838	480
Vector-US-4	Vector	CG15602	32533	161077838	377
Vector-HS-1	Vector	CG15602	32533	161077838	375
Vector-OS-1	Vector	CG15602	32533	161077838	442
Vector-OS-2	Vector	CG15602	32533	161077838	162
Vector-OS-3	Vector	CG15602	32533	161077838	144
Mef2-US-1	Mef2	CG15602	32533	161077838	193
Mef2-US-2	Mef2	CG15602	32533	161077838	62
p38a-1	p38a	CG15602	32533	161077838	288
p38a-2	p38a	CG15602	32533	161077838	280
p38a-3	p38a	CG15602	32533	161077838	318
p38a-4	p38a	CG15602	32533	161077838	328
p38c-1	p38c	CG15602	32533	161077838	327
p38c-2	p38c	CG15602	32533	161077838	419
p38c-3	p38c	CG15602	32533	161077838	412
p38c-4	p38c	CG15602	32533	161077838	320
Vector-US-1	Vector	Aats-asn	35194	19921528	213
p38a-2	p38a	Aats-asn	35194	19921528	38
Vector-US-1	Vector	scf	38145	17137602	207
Vector-US-2	Vector	scf	38145	17137602	540
Vector-US-3	Vector	scf	38145	17137602	449
Vector-US-4	Vector	scf	38145	17137602	199
Vector-OS-1	Vector	scf	38145	17137602	409
Mef2-US-1	Mef2	scf	38145	17137602	124
p38a-1	p38a	scf	38145	17137602	338
p38a-2	p38a	scf	38145	17137602	185
p38a-3	p38a	scf	38145	17137604	232
p38a-4	p38a	scf	38145	17137602	149
p38c-1	p38c	scf	38145	17137604	196
p38c-3	p38c	scf	38145	17137602	62
p38c-4	p38c	scf	38145	17137602	231
Vector-US-1	Vector	eIF3-S8	37005	19922464	207
Vector-US-2	Vector	eIF3-S8	37005	19922464	133
Vector-US-3	Vector	eIF3-S8	37005	19922464	205
Vector-US-4	Vector	eIF3-S8	37005	19922464	298
Vector-HS-1	Vector	eIF3-S8	37005	19922464	153
Vector-OS-1	Vector	eIF3-S8	37005	19922464	229
Mef2-US-1	Mef2	eIF3-S8	37005	19922464	48
p38a-2	p38a	eIF3-S8	37005	19922464	214
p38a-3	p38a	eIF3-S8	37005	19922464	58
p38a-4	p38a	eIF3-S8	37005	19922464	191
p38b-4	p38b	eIF3-S8	37005	19922464	100
p38c-2	p38c	eIF3-S8	37005	19922464	138
p38c-3	p38c	eIF3-S8	37005	19922464	58
p38c-4	p38c	eIF3-S8	37005	19922464	291
Vector-US-1	Vector	Rpn2	43449	24650984	202
Vector-US-2	Vector	Rpn2	43449	24650984	152

Vector-US-3	Vector	Rpn2	43449	24650984	197
Vector-US-4	Vector	Rpn2	43449	24650984	171
Vector-HS-1	Vector	Rpn2	43449	24650984	106
Vector-OS-1	Vector	Rpn2	43449	24650984	240
Vector-OS-2	Vector	Rpn2	43449	24650984	45
Mef2-US-2	Mef2	Rpn2	43449	24650984	115
p38a-2	p38a	Rpn2	43449	24650984	112
p38a-3	p38a	Rpn2	43449	24650984	342
p38a-4	p38a	Rpn2	43449	24650984	54
p38b-1	p38b	Rpn2	43449	24650984	41
p38b-3	p38b	Rpn2	43449	24650984	77
p38c-1	p38c	Rpn2	43449	24650984	82
p38c-2	p38c	Rpn2	43449	24650984	85
p38c-3	p38c	Rpn2	43449	24650984	417
p38c-4	p38c	Rpn2	43449	24650984	257
Vector-US-1	Vector	CG3800	37646	24658883	201
Vector-US-1	Vector	Tbp-1	42805	17738151	197
Vector-US-2	Vector	Tbp-1	42805	17738151	535
Vector-US-3	Vector	Tbp-1	42805	17738151	367
Vector-US-4	Vector	Tbp-1	42805	17738151	307
Vector-HS-1	Vector	Tbp-1	42805	17738151	115
Vector-OS-1	Vector	Tbp-1	42805	17738151	707
Vector-OS-2	Vector	Tbp-1	42805	17738151	143
Vector-OS-3	Vector	Tbp-1	42805	17738151	141
Mef2-US-1	Mef2	Tbp-1	42805	17738151	144
p38a-1	p38a	Tbp-1	42805	17738151	225
p38a-2	p38a	Tbp-1	42805	17738151	328
p38a-3	p38a	Tbp-1	42805	17738151	93
p38a-4	p38a	Tbp-1	42805	17738151	311
p38b-1	p38b	Tbp-1	42805	17738151	68
p38b-4	p38b	Tbp-1	42805	17738151	124
p38c-1	p38c	Tbp-1	42805	17738151	546
p38c-2	p38c	Tbp-1	42805	17738151	482
p38c-3	p38c	Tbp-1	42805	17738151	480
p38c-4	p38c	Tbp-1	42805	17738151	700
Vector-US-1	Vector	capt	45233	85724874	196
Vector-US-2	Vector	capt	45233	85724872	131
Vector-US-3	Vector	capt	45233	85724874	228
Vector-US-4	Vector	capt	45233	85724874	282
Vector-HS-1	Vector	capt	45233	85724872	66
Vector-OS-1	Vector	capt	45233	85724872	67
p38a-2	p38a	capt	45233	85724874	173
p38a-3	p38a	capt	45233	85724872	120
p38a-4	p38a	capt	45233	85724872	166
p38b-1	p38b	capt	45233	85724872	42
p38b-2	p38b	capt	45233	85724872	74
p38c-1	p38c	capt	45233	85724872	86

p38c-2	p38c	capt		45233	85724872	106
p38c-4	p38c	capt		45233	85724874	113
Vector-US-1	Vector	CG18811		59172	24666371	194
Vector-US-2	Vector	CG18811		59172	24666371	459
Vector-US-3	Vector	CG18811		59172	24666371	416
Vector-US-4	Vector	CG18811		59172	24666371	139
Vector-HS-1	Vector	CG18811		59172	24666371	201
Vector-OS-1	Vector	CG18811		59172	24666371	435
Mef2-US-1	Mef2	CG18811		59172	24666371	67
Mef2-US-2	Mef2	CG18811		59172	24666371	74
p38a-1	p38a	CG18811		59172	24666371	95
p38a-2	p38a	CG18811		59172	24666371	74
p38a-3	p38a	CG18811		59172	24666371	218
p38b-1	p38b	CG18811		59172	24666371	137
p38c-1	p38c	CG18811		59172	24666371	110
p38c-2	p38c	CG18811		59172	24666371	55
p38c-3	p38c	CG18811		59172	24666371	108
p38c-4	p38c	CG18811		59172	24666371	247
Vector-US-1	Vector	p38b	p38b		17137550	192
Vector-US-2	Vector	p38b	p38b		17137550	62
Mef2-US-1	Mef2	p38b	p38b		17137550	275
p38b-1	p38b	p38b	p38b		17137550	891
p38b-2	p38b	p38b	p38b		17137550	952
p38b-3	p38b	p38b	p38b		17137550	1225
p38b-4	p38b	p38b	p38b		17137550	1021
p38c-1	p38c	p38b	p38b		17137550	94
Vector-US-1	Vector	growl		40559	21355167	190
Vector-US-2	Vector	growl		40559	21355167	319
Vector-US-3	Vector	growl		40559	21355167	427
Vector-US-4	Vector	growl		40559	21355167	163
Vector-HS-1	Vector	growl		40559	21355167	159
Vector-OS-1	Vector	growl		40559	21355167	365
Mef2-US-2	Mef2	growl		40559	21355167	192
p38a-1	p38a	growl		40559	21355167	119
p38a-2	p38a	growl		40559	21355167	232
p38a-3	p38a	growl		40559	21355167	191
p38b-4	p38b	growl		40559	21355167	105
p38c-1	p38c	growl		40559	21355167	318
p38c-2	p38c	growl		40559	21355167	167
p38c-3	p38c	growl		40559	21355167	278
p38c-4	p38c	growl		40559	21355167	183
Vector-US-1	Vector	sec31		35877	20129799	190
Vector-US-2	Vector	sec31		35877	20129799	185
Vector-US-3	Vector	sec31		35877	20129799	232
Vector-US-4	Vector	sec31		35877	20129799	117
Vector-HS-1	Vector	sec31		35877	20129799	138
Vector-OS-1	Vector	sec31		35877	20129799	194

Vector-OS-3	Vector	sec31	35877	20129799	98
p38a-1	p38a	sec31	35877	20129799	80
p38a-2	p38a	sec31	35877	20129799	98
p38a-3	p38a	sec31	35877	20129799	176
p38a-4	p38a	sec31	35877	20129799	157
p38c-1	p38c	sec31	35877	20129799	51
p38c-2	p38c	sec31	35877	20129799	293
p38c-3	p38c	sec31	35877	20129799	302
p38c-4	p38c	sec31	35877	20129799	399
Vector-US-1	Vector	CG8507	41205	21356069	185
Vector-US-2	Vector	CG8507	41205	21356069	240
Vector-US-3	Vector	CG8507	41205	21356069	239
Vector-HS-1	Vector	CG8507	41205	21356069	87
Vector-OS-1	Vector	CG8507	41205	21356069	263
Mef2-US-1	Mef2	CG8507	41205	21356069	134
p38a-1	p38a	CG8507	41205	21356069	147
p38a-2	p38a	CG8507	41205	21356069	31
p38a-3	p38a	CG8507	41205	21356069	63
p38c-1	p38c	CG8507	41205	21356069	155
p38c-2	p38c	CG8507	41205	21356069	163
p38c-4	p38c	CG8507	41205	21356069	155
Vector-US-1	Vector	CG10306	37475	19922704	185
Vector-US-2	Vector	CG10306	37475	19922704	290
Vector-US-3	Vector	CG10306	37475	19922704	168
Vector-US-4	Vector	CG10306	37475	19922704	255
Vector-HS-1	Vector	CG10306	37475	19922704	46
Vector-OS-1	Vector	CG10306	37475	19922704	118
Vector-OS-3	Vector	CG10306	37475	19922704	71
Mef2-US-1	Mef2	CG10306	37475	19922704	70
p38a-1	p38a	CG10306	37475	19922704	122
p38a-2	p38a	CG10306	37475	19922704	203
p38a-3	p38a	CG10306	37475	19922704	85
p38a-4	p38a	CG10306	37475	19922704	183
p38b-1	p38b	CG10306	37475	19922704	47
p38b-3	p38b	CG10306	37475	19922704	181
p38b-4	p38b	CG10306	37475	19922704	159
p38c-1	p38c	CG10306	37475	19922704	183
p38c-2	p38c	CG10306	37475	19922704	217
p38c-3	p38c	CG10306	37475	19922704	346
p38c-4	p38c	CG10306	37475	19922704	279
Vector-US-1	Vector	CG1637	32019	20129007	184
Vector-US-2	Vector	CG1637	32019	20129007	232
Vector-US-3	Vector	CG1637	32019	20129007	263
Vector-US-4	Vector	CG1637	32019	20129007	216
Vector-OS-1	Vector	CG1637	32019	20129007	135
Vector-OS-2	Vector	CG1637	32019	20129007	53
Vector-OS-3	Vector	CG1637	32019	20129007	50

Mef2-US-1	Mef2	CG1637	32019	20129007	98
Mef2-US-2	Mef2	CG1637	32019	20129007	60
p38a-2	p38a	CG1637	32019	20129007	194
p38a-3	p38a	CG1637	32019	20129007	124
p38a-4	p38a	CG1637	32019	20129007	168
p38c-2	p38c	CG1637	32019	20129007	47
p38c-3	p38c	CG1637	32019	20129007	143
p38c-4	p38c	CG1637	32019	20129007	142
Vector-US-1	Vector	sqd	41666	24646605	181
Vector-US-2	Vector	sqd	41666	24646605	209
Vector-US-3	Vector	sqd	41666	24646605	181
Vector-US-4	Vector	sqd	41666	24646605	232
Vector-HS-1	Vector	sqd	41666	24646605	152
Vector-OS-1	Vector	sqd	41666	24646605	233
p38a-1	p38a	sqd	41666	24646605	80
p38a-2	p38a	sqd	41666	24646605	95
p38a-3	p38a	sqd	41666	24646605	111
p38a-4	p38a	sqd	41666	24646605	156
p38b-3	p38b	sqd	41666	24646605	84
p38c-1	p38c	sqd	41666	24646605	113
p38c-2	p38c	sqd	41666	24646605	97
p38c-3	p38c	sqd	41666	24646605	92
p38c-4	p38c	sqd	41666	24646605	150
Vector-US-1	Vector	Act88F	41885	17975545	172
Vector-US-2	Vector	Act88F	41885	17975545	315
Vector-US-4	Vector	Act88F	41885	17975545	281
Vector-OS-1	Vector	Act88F	41885	17975545	290
p38a-1	p38a	Act88F	41885	17975545	180
p38a-2	p38a	Act88F	41885	17975545	267
p38a-3	p38a	Act88F	41885	17975545	302
p38a-4	p38a	Act88F	41885	17975545	162
p38c-1	p38c	Act88F	41885	17975545	307
p38c-2	p38c	Act88F	41885	17975545	259
p38c-3	p38c	Act88F	41885	17975545	293
p38c-4	p38c	Act88F	41885	17975545	288
Vector-US-1	Vector	Jupiter	41392	24645995	171
Vector-US-2	Vector	Jupiter	41392	24645995	227
Vector-US-3	Vector	Jupiter	41392	24645995	170
Vector-US-4	Vector	Jupiter	41392	24645995	107
Vector-HS-1	Vector	Jupiter	41392	24645993	297
Vector-OS-1	Vector	Jupiter	41392	24645995	284
Mef2-US-1	Mef2	Jupiter	41392	24645993	174
Mef2-US-2	Mef2	Jupiter	41392	24645993	300
p38a-1	p38a	Jupiter	41392	24645993	69
p38a-2	p38a	Jupiter	41392	24645993	182
p38a-3	p38a	Jupiter	41392	24645993	78
p38c-2	p38c	Jupiter	41392	24645993	141

Vector-US-1	Vector	scu	32789	17737361	167
Vector-US-3	Vector	scu	32789	17737361	75
p38a-1	p38a	scu	32789	17737361	54
p38a-2	p38a	scu	32789	17737361	87
p38a-3	p38a	scu	32789	17737361	64
p38a-4	p38a	scu	32789	17737361	58
p38c-4	p38c	scu	32789	17737361	103
Vector-US-1	Vector	Usp7	32169	24641480	167
Vector-US-3	Vector	Usp7	32169	24641480	188
Vector-US-4	Vector	Usp7	32169	24641480	61
p38a-3	p38a	Usp7	32169	24641480	63
p38c-1	p38c	Usp7	32169	24641480	108
p38c-3	p38c	Usp7	32169	24641480	154
p38c-4	p38c	Usp7	32169	24641480	54
Vector-US-1	Vector	Uba1	35998	28573937	164
Vector-US-3	Vector	Uba1	35998	28573937	54
Vector-US-4	Vector	Uba1	35998	28573937	60
Vector-US-1	Vector	Aats-glupro	42834	24649466	163
Vector-US-2	Vector	Aats-glupro	42834	24649468	203
Vector-US-3	Vector	Aats-glupro	42834	24649466	205
Vector-US-4	Vector	Aats-glupro	42834	24649466	187
Vector-HS-1	Vector	Aats-glupro	42834	24649466	526
Vector-OS-1	Vector	Aats-glupro	42834	24649466	594
Vector-OS-2	Vector	Aats-glupro	42834	24649468	90
Vector-OS-3	Vector	Aats-glupro	42834	24649466	49
p38a-2	p38a	Aats-glupro	42834	24649466	258
p38a-3	p38a	Aats-glupro	42834	24649466	194
p38a-4	p38a	Aats-glupro	42834	24649466	139
p38b-3	p38b	Aats-glupro	42834	24649468	70
p38b-4	p38b	Aats-glupro	42834	24649468	77
p38c-1	p38c	Aats-glupro	42834	24649466	131
p38c-2	p38c	Aats-glupro	42834	24649466	216
p38c-3	p38c	Aats-glupro	42834	24649466	228
p38c-4	p38c	Aats-glupro	42834	24649466	158
Vector-US-1	Vector	CG15432	33647	24581646	163
Vector-US-2	Vector	CG15432	33647	24581646	170
Vector-US-3	Vector	CG15432	33647	24581646	158
Vector-US-4	Vector	CG15432	33647	24581646	163
Vector-HS-1	Vector	CG15432	33647	24581646	144
Vector-OS-1	Vector	CG15432	33647	24581646	155
p38a-1	p38a	CG15432	33647	24581646	167
p38a-2	p38a	CG15432	33647	24581646	151
p38a-3	p38a	CG15432	33647	24581646	151
p38a-4	p38a	CG15432	33647	24581646	164
p38b-1	p38b	CG15432	33647	24581646	130
p38b-2	p38b	CG15432	33647	24581646	59
p38b-4	p38b	CG15432	33647	24581646	130

p38c-1	p38c	CG15432	33647	24581646	160
p38c-2	p38c	CG15432	33647	24581646	176
p38c-3	p38c	CG15432	33647	24581646	159
p38c-4	p38c	CG15432	33647	24581646	138
Vector-US-1	Vector	Srp68	39028	21355591	163
Vector-US-3	Vector	Srp68	39028	21355591	58
Vector-US-4	Vector	Srp68	39028	21355591	204
Vector-OS-1	Vector	Srp68	39028	21355591	132
Vector-OS-2	Vector	Srp68	39028	21355591	54
p38a-3	p38a	Srp68	39028	21355591	79
p38a-4	p38a	Srp68	39028	21355591	47
p38b-2	p38b	Srp68	39028	21355591	83
p38c-1	p38c	Srp68	39028	21355591	71
p38c-2	p38c	Srp68	39028	21355591	89
p38c-3	p38c	Srp68	39028	21355591	124
p38c-4	p38c	Srp68	39028	21355591	91
Vector-US-1	Vector	Tctp	41341	24645861	161
Vector-US-2	Vector	Tctp	41341	24645861	47
Vector-US-3	Vector	Tctp	41341	24645861	134
Vector-HS-1	Vector	Tctp	41341	24645861	60
Vector-OS-1	Vector	Tctp	41341	24645861	54
p38a-2	p38a	Tctp	41341	24645861	122
Vector-US-1	Vector	Caf1	41836	17933648	161
Vector-US-2	Vector	Caf1	41836	17933648	162
Vector-US-3	Vector	Caf1	41836	17933648	78
Vector-US-4	Vector	Caf1	41836	17933648	150
Vector-OS-1	Vector	Caf1	41836	17933648	164
p38a-1	p38a	Caf1	41836	17933648	84
p38a-2	p38a	Caf1	41836	17933648	72
p38c-2	p38c	Caf1	41836	17933648	65
p38c-3	p38c	Caf1	41836	17933648	106
p38c-4	p38c	Caf1	41836	17933648	150
Vector-US-1	Vector	eIF-4a	33835	17136248	160
Vector-US-3	Vector	eIF-4a	33835	17136248	108
Vector-US-4	Vector	eIF-4a	33835	17136248	64
Vector-HS-1	Vector	eIF-4a	33835	17136248	49
Vector-OS-1	Vector	eIF-4a	33835	17136248	126
p38a-2	p38a	eIF-4a	33835	17136248	73
p38a-3	p38a	eIF-4a	33835	17136248	46
p38c-1	p38c	eIF-4a	33835	17136248	55
p38c-3	p38c	eIF-4a	33835	17136248	49
Vector-US-1	Vector	CG33332	2768669	45553373	158
Vector-US-1	Vector	CG5491	43227	21357045	156
Vector-US-2	Vector	CG5491	43227	21357045	78
Vector-OS-1	Vector	CG5491	43227	21357045	105
p38c-1	p38c	CG5491	43227	21357045	63
p38c-4	p38c	CG5491	43227	21357045	59

Vector-US-1	Vector	Karybeta3	40581	17737759	156
Vector-US-2	Vector	Karybeta3	40581	17737759	74
Vector-US-3	Vector	Karybeta3	40581	17737759	120
Vector-US-4	Vector	Karybeta3	40581	17737759	54
Vector-OS-1	Vector	Karybeta3	40581	17737759	163
p38a-1	p38a	Karybeta3	40581	17737759	55
p38a-3	p38a	Karybeta3	40581	17737759	47
p38a-4	p38a	Karybeta3	40581	17737759	59
p38b-1	p38b	Karybeta3	40581	17737759	53
p38b-3	p38b	Karybeta3	40581	17737759	59
p38c-1	p38c	Karybeta3	40581	17737759	60
p38c-3	p38c	Karybeta3	40581	17737759	89
p38c-4	p38c	Karybeta3	40581	17737759	115
Vector-US-1	Vector	Eb1	35584	19921706	153
Vector-US-2	Vector	Eb1	35584	19921706	127
Vector-US-3	Vector	Eb1	35584	19921706	64
Vector-US-4	Vector	Eb1	35584	19921706	80
Vector-OS-1	Vector	Eb1	35584	19921706	109
p38a-2	p38a	Eb1	35584	19921706	37
p38a-4	p38a	Eb1	35584	19921706	85
p38c-2	p38c	Eb1	35584	19921706	49
p38c-3	p38c	Eb1	35584	19921706	115
Vector-US-1	Vector	CG9577	33016	19920382	153
Vector-US-2	Vector	CG9577	33016	19920382	84
Mef2-US-1	Mef2	CG9577	33016	19920382	99
p38c-1	p38c	CG9577	33016	19920382	100
p38c-2	p38c	CG9577	33016	19920382	68
p38c-4	p38c	CG9577	33016	19920382	101
Vector-US-1	Vector	T-cp1	42649	24649027	151
Vector-US-2	Vector	T-cp1	42649	24649027	497
Vector-US-3	Vector	T-cp1	42649	24649027	457
Vector-US-4	Vector	T-cp1	42649	24649027	349
Vector-HS-1	Vector	T-cp1	42649	24649027	135
Vector-OS-1	Vector	T-cp1	42649	24649027	198
Vector-OS-2	Vector	T-cp1	42649	24649027	53
Vector-OS-3	Vector	T-cp1	42649	24649027	152
p38a-1	p38a	T-cp1	42649	24649027	157
p38a-2	p38a	T-cp1	42649	24649027	335
p38a-3	p38a	T-cp1	42649	24649027	551
p38a-4	p38a	T-cp1	42649	24649027	369
p38b-1	p38b	T-cp1	42649	24649027	234
p38b-2	p38b	T-cp1	42649	24649027	143
p38b-3	p38b	T-cp1	42649	24649027	391
p38b-4	p38b	T-cp1	42649	24649027	281
p38c-1	p38c	T-cp1	42649	24649027	394
p38c-2	p38c	T-cp1	42649	24649027	390
p38c-3	p38c	T-cp1	42649	24649027	438

p38c-4	p38c	T-cp1	42649	24649027	374
Vector-US-1	Vector	Nap1	37798	17137142	151
Vector-US-2	Vector	Nap1	37798	17137142	141
Vector-US-3	Vector	Nap1	37798	17137142	71
Vector-US-4	Vector	Nap1	37798	17137142	151
Vector-HS-1	Vector	Nap1	37798	17137142	47
Vector-OS-1	Vector	Nap1	37798	17137142	139
Mef2-US-1	Mef2	Nap1	37798	17137142	87
p38a-1	p38a	Nap1	37798	17137142	53
p38a-3	p38a	Nap1	37798	17137142	63
p38b-2	p38b	Nap1	37798	17137142	101
p38c-1	p38c	Nap1	37798	17137142	107
p38c-2	p38c	Nap1	37798	17137142	82
p38c-3	p38c	Nap1	37798	17137142	77
p38c-4	p38c	Nap1	37798	17137142	121
Vector-US-1	Vector	Hrb87F	48535	17136624	151
Vector-US-2	Vector	Hrb87F	48535	17136624	243
Vector-US-3	Vector	Hrb87F	48535	17136624	259
Vector-US-4	Vector	Hrb87F	48535	17136624	97
Vector-HS-1	Vector	Hrb87F	48535	17136624	153
Vector-OS-1	Vector	Hrb87F	48535	17136624	281
Vector-OS-2	Vector	Hrb87F	48535	17136622	48
Vector-OS-3	Vector	Hrb87F	48535	17136622	68
Mef2-US-1	Mef2	Hrb87F	48535	17136624	100
Mef2-US-2	Mef2	Hrb87F	48535	17136624	63
p38a-1	p38a	Hrb87F	48535	17136622	100
p38a-2	p38a	Hrb87F	48535	17136624	171
p38a-3	p38a	Hrb87F	48535	17136624	96
p38b-1	p38b	Hrb87F	48535	17136622	64
p38b-2	p38b	Hrb87F	48535	17136624	63
p38b-3	p38b	Hrb87F	48535	17136624	164
p38b-4	p38b	Hrb87F	48535	17136624	172
p38c-1	p38c	Hrb87F	48535	17136624	234
p38c-2	p38c	Hrb87F	48535	17136624	281
p38c-3	p38c	Hrb87F	48535	17136624	180
p38c-4	p38c	Hrb87F	48535	17136624	199
Vector-US-1	Vector	Gapdh2	32545	17933600	150
Vector-US-4	Vector	Gapdh2	32545	17933600	49
Vector-HS-1	Vector	Gapdh2	32545	17933600	65
Vector-OS-1	Vector	Gapdh2	32545	17933600	61
p38a-2	p38a	Gapdh2	32545	17933600	81
p38b-3	p38b	Gapdh2	32545	17933600	68
p38b-4	p38b	Gapdh2	32545	17933600	67
p38c-1	p38c	Gapdh2	32545	17933600	77
p38c-2	p38c	Gapdh2	32545	17933600	84
Vector-US-1	Vector	TfIIIS	34883	17136888	149
Vector-US-2	Vector	TfIIIS	34883	17136888	163

Vector-US-3	Vector	TfIIIS	34883	17136888	201
Vector-OS-1	Vector	TfIIIS	34883	17136888	87
Mef2-US-2	Mef2	TfIIIS	34883	17136888	110
p38a-3	p38a	TfIIIS	34883	17136888	50
p38b-1	p38b	TfIIIS	34883	17136888	45
p38c-3	p38c	TfIIIS	34883	17136888	72
p38c-4	p38c	TfIIIS	34883	17136888	52
Vector-US-1	Vector	CG10324	42028	24647508	147
Vector-OS-1	Vector	CG10324	42028	24647508	65
Vector-US-1	Vector	B52	41670	28571689	147
Vector-US-2	Vector	B52	41670	28571689	75
Vector-US-3	Vector	B52	41670	28571689	147
Vector-US-4	Vector	B52	41670	28571689	97
Vector-HS-1	Vector	B52	41670	28571689	130
Vector-OS-1	Vector	B52	41670	28571689	239
p38a-1	p38a	B52	41670	28571689	90
p38a-3	p38a	B52	41670	28571689	96
p38a-4	p38a	B52	41670	28571689	96
p38c-1	p38c	B52	41670	28571689	55
p38c-2	p38c	B52	41670	28571689	54
p38c-4	p38c	B52	41670	28571689	92
Vector-US-1	Vector	Fmr1	37528	19922726	147
Vector-US-2	Vector	Fmr1	37528	19922726	210
Vector-US-3	Vector	Fmr1	37528	24645595	156
Vector-US-4	Vector	Fmr1	37528	24645595	93
Vector-HS-1	Vector	Fmr1	37528	19922726	46
Vector-OS-1	Vector	Fmr1	37528	24645595	564
Vector-OS-2	Vector	Fmr1	37528	19922726	51
p38a-2	p38a	Fmr1	37528	19922726	82
p38a-3	p38a	Fmr1	37528	24645595	140
p38b-1	p38b	Fmr1	37528	19922726	42
p38b-2	p38b	Fmr1	37528	19922726	57
p38c-1	p38c	Fmr1	37528	19922726	167
p38c-2	p38c	Fmr1	37528	19922726	118
p38c-4	p38c	Fmr1	37528	19922726	118
Vector-US-1	Vector	RpS14a	47218	17975579	147
Vector-US-2	Vector	RpS14a	47218	17975579	114
Vector-US-3	Vector	RpS14a	47218	17975579	183
Vector-US-4	Vector	RpS14a	47218	17975579	96
Vector-HS-1	Vector	RpS14a	47218	17975579	315
Vector-OS-1	Vector	RpS14a	47218	17975579	383
Mef2-US-1	Mef2	RpS14a	47218	17975579	162
Mef2-US-2	Mef2	RpS14a	47218	17975579	134
p38a-1	p38a	RpS14a	47218	17975579	81
p38a-2	p38a	RpS14a	47218	17975579	155
p38a-3	p38a	RpS14a	47218	17975579	188
p38a-4	p38a	RpS14a	47218	17975579	182

p38b-1	p38b	RpS14a	47218	17975579	47
p38b-3	p38b	RpS14a	47218	17975579	67
p38b-4	p38b	RpS14a	47218	17975579	61
p38c-1	p38c	RpS14a	47218	17975579	212
p38c-2	p38c	RpS14a	47218	17975579	268
p38c-3	p38c	RpS14a	47218	17975579	221
p38c-4	p38c	RpS14a	47218	17975579	209
Vector-US-1	Vector	mSPS	41952	281361893	147
Vector-OS-1	Vector	mSPS	41952	281361893	79
p38a-2	p38a	mSPS	41952	281361893	40
p38c-1	p38c	mSPS	41952	281361893	46
p38c-3	p38c	mSPS	41952	281361893	96
Vector-US-1	Vector	CG31999	43777	28558748	146
Vector-US-2	Vector	CG31999	43777	28558748	103
Vector-US-3	Vector	CG31999	43777	28558748	236
Vector-US-4	Vector	CG31999	43777	28558748	131
Vector-HS-1	Vector	CG31999	43777	28558748	182
Vector-OS-1	Vector	CG31999	43777	28558748	232
Vector-OS-3	Vector	CG31999	43777	28558748	46
p38a-1	p38a	CG31999	43777	28558748	77
p38a-2	p38a	CG31999	43777	28558748	158
p38a-3	p38a	CG31999	43777	28558748	111
p38a-4	p38a	CG31999	43777	28558748	82
p38c-1	p38c	CG31999	43777	28558748	124
p38c-2	p38c	CG31999	43777	28558748	122
p38c-3	p38c	CG31999	43777	28558748	76
p38c-4	p38c	CG31999	43777	28558748	74
Vector-US-1	Vector	Pen	34338	17136998	146
Vector-US-3	Vector	Pen	34338	17136998	86
Vector-US-4	Vector	Pen	34338	17136998	169
Vector-OS-1	Vector	Pen	34338	17136998	56
p38a-4	p38a	Pen	34338	17136998	96
p38b-1	p38b	Pen	34338	17136998	41
p38b-4	p38b	Pen	34338	17136998	79
p38c-1	p38c	Pen	34338	17136998	121
p38c-2	p38c	Pen	34338	17136998	297
p38c-3	p38c	Pen	34338	17136998	298
p38c-4	p38c	Pen	34338	17136998	182
Vector-US-1	Vector	snRNP-U1-70K	33982	17137278	145
Vector-US-4	Vector	snRNP-U1-70K	33982	17137278	99
Vector-OS-1	Vector	snRNP-U1-70K	33982	17137278	158
p38a-2	p38a	snRNP-U1-70K	33982	17137278	57
p38b-4	p38b	snRNP-U1-70K	33982	17137278	82
Vector-US-1	Vector	RpS3A	43768	17864162	144
Vector-US-2	Vector	RpS3A	43768	17864162	265
Vector-US-3	Vector	RpS3A	43768	17864162	387
Vector-US-4	Vector	RpS3A	43768	17864162	264

Vector-HS-1	Vector	RpS3A	43768	17864162	298
Vector-OS-1	Vector	RpS3A	43768	17864162	269
Vector-OS-3	Vector	RpS3A	43768	17864162	82
Mef2-US-1	Mef2	RpS3A	43768	17864162	152
Mef2-US-2	Mef2	RpS3A	43768	17864162	51
p38a-1	p38a	RpS3A	43768	17864162	225
p38a-2	p38a	RpS3A	43768	17864162	285
p38a-3	p38a	RpS3A	43768	17864162	265
p38a-4	p38a	RpS3A	43768	17864162	297
p38b-1	p38b	RpS3A	43768	17864162	150
p38b-2	p38b	RpS3A	43768	17864162	61
p38b-3	p38b	RpS3A	43768	17864162	151
p38b-4	p38b	RpS3A	43768	17864162	157
p38c-1	p38c	RpS3A	43768	17864162	97
p38c-2	p38c	RpS3A	43768	17864162	199
p38c-3	p38c	RpS3A	43768	17864162	209
p38c-4	p38c	RpS3A	43768	17864162	130
Vector-US-1	Vector	Uch-L3	39102	17648095	144
Vector-US-2	Vector	Uch-L3	39102	17648095	148
Vector-US-3	Vector	Uch-L3	39102	17648095	104
Vector-US-4	Vector	Uch-L3	39102	17648095	72
Vector-OS-1	Vector	Uch-L3	39102	17648095	100
p38a-1	p38a	Uch-L3	39102	17648095	58
p38c-2	p38c	Uch-L3	39102	17648095	56
p38c-3	p38c	Uch-L3	39102	17648095	92
Vector-US-1	Vector	Tm1	41852	24647089	143
Vector-US-4	Vector	Tm1	41852	24647089	80
Vector-US-1	Vector	CG10417	35492	19921654	141
Vector-US-3	Vector	CG10417	35492	19921654	142
Vector-US-4	Vector	CG10417	35492	19921654	64
p38a-2	p38a	CG10417	35492	19921654	65
p38a-3	p38a	CG10417	35492	19921654	79
p38a-4	p38a	CG10417	35492	19921654	58
p38b-3	p38b	CG10417	35492	19921654	58
p38c-2	p38c	CG10417	35492	19921654	46
p38c-4	p38c	CG10417	35492	19921654	75
Vector-US-1	Vector	emb	34167	28574061	139
Vector-US-2	Vector	emb	34167	28574061	185
Vector-US-4	Vector	emb	34167	28574061	103
Mef2-US-1	Mef2	emb	34167	28574061	81
p38a-2	p38a	emb	34167	28574061	149
p38a-3	p38a	emb	34167	28574061	78
p38c-1	p38c	emb	34167	28574061	105
p38c-2	p38c	emb	34167	28574061	90
p38c-3	p38c	emb	34167	28574061	113
Vector-US-1	Vector	mus209	37290	17136790	139
Vector-US-1	Vector	CG31098	43057	24650011	138

Vector-US-2	Vector	CG31098	43057	24650011	492
Vector-US-3	Vector	CG31098	43057	24650011	370
Vector-US-4	Vector	CG31098	43057	24650011	345
Vector-HS-1	Vector	CG31098	43057	24650011	117
Vector-OS-1	Vector	CG31098	43057	24650011	328
Vector-OS-3	Vector	CG31098	43057	24650011	62
Mef2-US-1	Mef2	CG31098	43057	24650011	68
p38a-1	p38a	CG31098	43057	24650011	287
p38a-2	p38a	CG31098	43057	24650011	402
p38a-3	p38a	CG31098	43057	24650011	260
p38a-4	p38a	CG31098	43057	24650011	113
p38c-1	p38c	CG31098	43057	24650011	302
p38c-2	p38c	CG31098	43057	24650011	345
p38c-3	p38c	CG31098	43057	24650011	100
p38c-4	p38c	CG31098	43057	24650011	488
Vector-US-1	Vector	CG17259	33518	24581334	135
Vector-US-1	Vector	Rpn5	40717	21357319	132
Vector-US-2	Vector	Rpn5	40717	21357319	145
Vector-US-3	Vector	Rpn5	40717	21357319	245
Vector-US-4	Vector	Rpn5	40717	21357319	274
Vector-HS-1	Vector	Rpn5	40717	21357319	70
Vector-OS-1	Vector	Rpn5	40717	21357319	113
Mef2-US-1	Mef2	Rpn5	40717	21357319	146
p38a-2	p38a	Rpn5	40717	21357319	195
p38a-3	p38a	Rpn5	40717	21357319	234
p38a-4	p38a	Rpn5	40717	21357319	144
p38b-1	p38b	Rpn5	40717	21357319	109
p38b-4	p38b	Rpn5	40717	21357319	148
p38c-1	p38c	Rpn5	40717	21357319	86
p38c-2	p38c	Rpn5	40717	21357319	314
p38c-3	p38c	Rpn5	40717	21357319	278
Vector-US-1	Vector	CG7185	38937	21355973	131
Vector-US-2	Vector	CG7185	38937	21355973	121
Vector-US-3	Vector	CG7185	38937	21355973	99
Vector-US-4	Vector	CG7185	38937	21355973	153
Vector-OS-3	Vector	CG7185	38937	21355973	55
p38a-1	p38a	CG7185	38937	21355973	141
p38a-2	p38a	CG7185	38937	21355973	183
p38b-1	p38b	CG7185	38937	21355973	85
p38b-3	p38b	CG7185	38937	21355973	142
p38b-4	p38b	CG7185	38937	21355973	137
p38c-1	p38c	CG7185	38937	21355973	155
p38c-2	p38c	CG7185	38937	21355973	138
p38c-3	p38c	CG7185	38937	21355973	125
p38c-4	p38c	CG7185	38937	21355973	125
Vector-US-1	Vector	vig2	43016	24649935	131
Vector-US-2	Vector	vig2	43016	24649935	116

Vector-US-3	Vector	vig2	43016	24649935	185
Vector-US-4	Vector	vig2	43016	24649935	155
Vector-OS-1	Vector	vig2	43016	24649935	197
Mef2-US-1	Mef2	vig2	43016	24649935	136
Mef2-US-2	Mef2	vig2	43016	24649935	86
p38a-1	p38a	vig2	43016	24649935	106
p38a-2	p38a	vig2	43016	24649935	33
p38a-3	p38a	vig2	43016	24649935	87
p38c-1	p38c	vig2	43016	24649935	80
p38c-2	p38c	vig2	43016	24649935	88
p38c-3	p38c	vig2	43016	24649935	92
p38c-4	p38c	vig2	43016	24649935	98
Vector-US-1	Vector	CG12493	38575	28574978	130
Vector-US-2	Vector	CG12493	38575	28574978	117
Vector-US-3	Vector	CG12493	38575	28574978	70
Vector-US-4	Vector	CG12493	38575	28574978	104
Vector-OS-1	Vector	CG12493	38575	28574978	142
Mef2-US-2	Mef2	CG12493	38575	28574978	103
p38a-2	p38a	CG12493	38575	28574978	142
p38c-2	p38c	CG12493	38575	28574978	49
p38c-4	p38c	CG12493	38575	28574978	49
Vector-US-1	Vector	CG8223	41045	21355389	130
Vector-US-1	Vector	CaBP1	34976	19921434	128
Vector-US-2	Vector	CaBP1	34976	19921434	465
Vector-US-3	Vector	CaBP1	34976	19921434	297
Vector-US-4	Vector	CaBP1	34976	19921434	336
Vector-HS-1	Vector	CaBP1	34976	19921434	73
Vector-OS-1	Vector	CaBP1	34976	19921434	353
p38a-1	p38a	CaBP1	34976	19921434	277
p38a-2	p38a	CaBP1	34976	19921434	186
p38a-3	p38a	CaBP1	34976	19921434	218
p38a-4	p38a	CaBP1	34976	19921434	112
p38b-2	p38b	CaBP1	34976	19921434	59
p38c-1	p38c	CaBP1	34976	19921434	233
p38c-2	p38c	CaBP1	34976	19921434	250
p38c-3	p38c	CaBP1	34976	19921434	136
p38c-4	p38c	CaBP1	34976	19921434	547
Vector-US-1	Vector	Pros35	34359	17737405	126
Vector-US-3	Vector	Pros35	34359	17737405	183
Vector-US-4	Vector	Pros35	34359	17737405	145
Vector-OS-1	Vector	Pros35	34359	17737405	70
p38a-1	p38a	Pros35	34359	17737405	82
p38a-2	p38a	Pros35	34359	17737405	149
p38a-3	p38a	Pros35	34359	17737405	257
p38a-4	p38a	Pros35	34359	17737405	297
p38b-1	p38b	Pros35	34359	17737405	40
p38b-2	p38b	Pros35	34359	17737405	48

p38b-4	p38b	Pros35	34359	17737405	77
p38c-1	p38c	Pros35	34359	17737405	142
p38c-2	p38c	Pros35	34359	17737405	219
p38c-3	p38c	Pros35	34359	17737405	256
p38c-4	p38c	Pros35	34359	17737405	371
Vector-US-1	Vector	Int6	39877	17137592	124
Vector-US-4	Vector	Int6	39877	17137592	68
Vector-HS-1	Vector	Int6	39877	17137592	65
Vector-OS-1	Vector	Int6	39877	17137592	139
p38a-2	p38a	Int6	39877	17137592	74
p38a-3	p38a	Int6	39877	17137592	164
p38a-4	p38a	Int6	39877	17137592	79
p38b-1	p38b	Int6	39877	17137592	93
p38b-2	p38b	Int6	39877	17137592	89
p38b-3	p38b	Int6	39877	17137592	75
p38b-4	p38b	Int6	39877	17137592	96
p38c-1	p38c	Int6	39877	17137592	160
p38c-2	p38c	Int6	39877	17137592	161
p38c-3	p38c	Int6	39877	17137592	161
p38c-4	p38c	Int6	39877	17137592	217
Vector-US-1	Vector	polo	40232	24667346	123
Vector-US-2	Vector	polo	40232	24667346	60
p38a-1	p38a	polo	40232	24667346	44
p38a-2	p38a	polo	40232	24667346	48
p38a-4	p38a	polo	40232	24667346	78
p38c-4	p38c	polo	40232	24667346	70
Vector-US-1	Vector	Nlp	43560	17738283	123
Vector-US-4	Vector	Nlp	43560	17738283	83
p38c-3	p38c	Nlp	43560	17738283	80
p38c-4	p38c	Nlp	43560	17738283	57
Vector-US-1	Vector	Ckl1alpha	48448	17864602	121
Vector-US-2	Vector	Ckl1alpha	48448	17864602	228
Vector-US-3	Vector	Ckl1alpha	48448	17864602	317
Vector-US-4	Vector	Ckl1alpha	48448	17864602	166
Vector-HS-1	Vector	Ckl1alpha	48448	17864602	57
p38a-1	p38a	Ckl1alpha	48448	17864602	161
p38a-2	p38a	Ckl1alpha	48448	17864602	137
p38a-3	p38a	Ckl1alpha	48448	17864602	86
p38c-1	p38c	Ckl1alpha	48448	17864602	70
p38c-2	p38c	Ckl1alpha	48448	17864602	93
p38c-4	p38c	Ckl1alpha	48448	17864602	111
Vector-US-1	Vector	CG6133	45064	21355201	121
Vector-US-2	Vector	CG6133	45064	21355201	345
Vector-US-3	Vector	CG6133	45064	21355201	285
Vector-US-4	Vector	CG6133	45064	21355201	283
Vector-HS-1	Vector	CG6133	45064	21355201	222
Vector-OS-1	Vector	CG6133	45064	21355201	522

Vector-OS-2	Vector	CG6133	45064	21355201	71
p38a-1	p38a	CG6133	45064	21355201	186
p38a-2	p38a	CG6133	45064	21355201	271
p38a-3	p38a	CG6133	45064	21355201	187
p38a-4	p38a	CG6133	45064	21355201	201
p38c-1	p38c	CG6133	45064	21355201	232
p38c-2	p38c	CG6133	45064	21355201	207
p38c-3	p38c	CG6133	45064	21355201	68
p38c-4	p38c	CG6133	45064	21355201	496
Vector-US-1	Vector	Ahcy13	32471	24642172	119
Vector-US-2	Vector	Ahcy13	32471	24642172	62
Vector-US-3	Vector	Ahcy13	32471	24642172	95
Vector-US-4	Vector	Ahcy13	32471	24642172	48
p38a-1	p38a	Ahcy13	32471	24642172	68
p38a-3	p38a	Ahcy13	32471	24642172	62
p38c-2	p38c	Ahcy13	32471	24642172	55
p38c-3	p38c	Ahcy13	32471	24642172	54
Vector-US-1	Vector	chic	33834	17136958	118
Vector-US-3	Vector	chic	33834	17136958	123
Vector-US-4	Vector	chic	33834	17136958	101
p38a-1	p38a	chic	33834	17136958	65
p38a-2	p38a	chic	33834	17136958	118
p38c-1	p38c	chic	33834	17136958	86
p38c-2	p38c	chic	33834	17136958	146
Vector-US-1	Vector	CG32626	32352	18859679	118
Vector-US-2	Vector	CG32626	32352	18859679	193
Vector-US-3	Vector	CG32626	32352	18859679	229
Vector-US-4	Vector	CG32626	32352	18859679	386
Vector-HS-1	Vector	CG32626	32352	18859679	85
Vector-OS-1	Vector	CG32626	32352	18859679	223
Mef2-US-1	Mef2	CG32626	32352	18859679	116
p38a-1	p38a	CG32626	32352	18859679	68
p38a-2	p38a	CG32626	32352	18859679	210
p38a-3	p38a	CG32626	32352	18859679	97
p38a-4	p38a	CG32626	32352	18859679	133
p38b-1	p38b	CG32626	32352	18859679	89
p38b-3	p38b	CG32626	32352	18859679	106
p38c-1	p38c	CG32626	32352	18859679	75
p38c-2	p38c	CG32626	32352	18859679	141
p38c-4	p38c	CG32626	32352	18859679	191
Vector-US-1	Vector	Nacalpa	36409	17137300	117
Vector-US-2	Vector	Nacalpa	36409	17137300	46
Vector-US-3	Vector	Nacalpa	36409	17137300	97
Vector-US-4	Vector	Nacalpa	36409	17137300	198
Vector-HS-1	Vector	Nacalpa	36409	17137300	98
Mef2-US-1	Mef2	Nacalpa	36409	17137300	64
p38a-1	p38a	Nacalpa	36409	17137300	134

p38a-2	p38a	Nacalpa	36409	17137300	36
p38a-3	p38a	Nacalpa	36409	17137300	75
p38c-1	p38c	Nacalpa	36409	17137300	82
p38c-2	p38c	Nacalpa	36409	17137300	78
p38c-3	p38c	Nacalpa	36409	17137300	124
p38c-4	p38c	Nacalpa	36409	17137300	93
Vector-US-1	Vector	Aats-asp	36420	17136276	117
Vector-US-2	Vector	Aats-asp	36420	17136276	147
Vector-US-3	Vector	Aats-asp	36420	17136276	53
Vector-US-4	Vector	Aats-asp	36420	17136276	105
Vector-HS-1	Vector	Aats-asp	36420	17136276	292
Vector-OS-1	Vector	Aats-asp	36420	17136276	434
Mef2-US-2	Mef2	Aats-asp	36420	17136276	137
p38a-2	p38a	Aats-asp	36420	17136276	95
p38b-4	p38b	Aats-asp	36420	17136276	92
p38c-1	p38c	Aats-asp	36420	17136276	220
p38c-2	p38c	Aats-asp	36420	17136276	134
p38c-3	p38c	Aats-asp	36420	17136276	76
p38c-4	p38c	Aats-asp	36420	17136276	280
Vector-US-1	Vector	jub	32351	221329898	117
Vector-US-2	Vector	jub	32351	221329898	204
Vector-US-3	Vector	jub	32351	221329898	223
Vector-US-4	Vector	jub	32351	221329898	150
Vector-HS-1	Vector	jub	32351	221329898	107
Vector-OS-1	Vector	jub	32351	221329898	143
p38a-1	p38a	jub	32351	221329898	64
p38a-2	p38a	jub	32351	221329898	52
p38a-3	p38a	jub	32351	221329898	77
p38a-4	p38a	jub	32351	221329898	149
p38c-1	p38c	jub	32351	221329898	138
p38c-2	p38c	jub	32351	221329898	72
p38c-4	p38c	jub	32351	221329898	69
Vector-US-1	Vector	pzg	40351	24667974	117
Vector-US-4	Vector	pzg	40351	24667974	71
Vector-HS-1	Vector	pzg	40351	24667974	63
Vector-OS-1	Vector	pzg	40351	24667974	91
p38a-2	p38a	pzg	40351	24667974	249
p38b-4	p38b	pzg	40351	24667974	61
p38c-1	p38c	pzg	40351	24667974	121
p38c-2	p38c	pzg	40351	24667974	159
p38c-3	p38c	pzg	40351	24667974	171
p38c-4	p38c	pzg	40351	24667974	100
Vector-US-1	Vector	REG	32274	18860055	116
Vector-US-2	Vector	REG	32274	18860055	121
Vector-US-3	Vector	REG	32274	18860055	75
Vector-US-4	Vector	REG	32274	18860055	61
Vector-HS-1	Vector	REG	32274	18860055	70

Vector-OS-1	Vector	REG	32274	18860055	172
Vector-OS-2	Vector	REG	32274	18860055	57
Vector-OS-3	Vector	REG	32274	18860055	47
p38a-1	p38a	REG	32274	18860055	42
p38a-2	p38a	REG	32274	18860055	58
p38a-3	p38a	REG	32274	18860055	156
p38a-4	p38a	REG	32274	18860055	133
p38b-1	p38b	REG	32274	18860055	95
p38b-2	p38b	REG	32274	18860055	62
p38b-3	p38b	REG	32274	18860055	68
p38b-4	p38b	REG	32274	18860055	79
p38c-1	p38c	REG	32274	18860055	73
p38c-2	p38c	REG	32274	18860055	57
p38c-3	p38c	REG	32274	18860055	80
p38c-4	p38c	REG	32274	18860055	70
Vector-US-1	Vector	Mlc-c	31474	17530801	116
Vector-US-2	Vector	Mlc-c	31474	17530801	135
Vector-US-3	Vector	Mlc-c	31474	17530801	147
Vector-US-4	Vector	Mlc-c	31474	17530801	131
Vector-OS-1	Vector	Mlc-c	31474	17530801	144
Vector-OS-3	Vector	Mlc-c	31474	17530801	51
Mef2-US-2	Mef2	Mlc-c	31474	17530801	82
p38a-1	p38a	Mlc-c	31474	17530801	104
p38a-2	p38a	Mlc-c	31474	17530801	43
p38a-3	p38a	Mlc-c	31474	17530801	142
p38a-4	p38a	Mlc-c	31474	17530801	138
p38c-1	p38c	Mlc-c	31474	17530801	49
p38c-2	p38c	Mlc-c	31474	17530801	66
p38c-4	p38c	Mlc-c	31474	17530801	71
Vector-US-1	Vector	p47	35674	19921734	115
Vector-US-2	Vector	p47	35674	19921734	81
Vector-OS-1	Vector	p47	35674	19921734	93
p38c-1	p38c	p47	35674	19921734	130
p38c-2	p38c	p47	35674	19921734	119
p38c-3	p38c	p47	35674	19921734	75
p38c-4	p38c	p47	35674	19921734	97
Vector-US-1	Vector	CG7971	38206	24655488	114
Vector-US-3	Vector	CG7971	38206	78711771	135
Vector-US-4	Vector	CG7971	38206	78711771	84
Vector-HS-1	Vector	CG7971	38206	78711771	124
Vector-OS-1	Vector	CG7971	38206	78711771	86
Mef2-US-2	Mef2	CG7971	38206	78711771	131
p38a-2	p38a	CG7971	38206	78706600	89
p38a-3	p38a	CG7971	38206	78711771	107
p38b-3	p38b	CG7971	38206	24655483	89
p38c-1	p38c	CG7971	38206	24655483	229
p38c-2	p38c	CG7971	38206	78711771	100

p38c-3	p38c	CG7971	38206	24655483	132
Vector-US-1	Vector	Dp1	37116	24655003	113
Vector-US-2	Vector	Dp1	37116	24655003	191
Vector-US-3	Vector	Dp1	37116	24655003	355
Vector-US-4	Vector	Dp1	37116	24655003	408
Vector-HS-1	Vector	Dp1	37116	24655003	219
Vector-OS-1	Vector	Dp1	37116	24655003	377
Mef2-US-1	Mef2	Dp1	37116	24655003	50
p38a-1	p38a	Dp1	37116	24655003	232
p38a-2	p38a	Dp1	37116	24655003	200
p38a-3	p38a	Dp1	37116	24655003	137
p38a-4	p38a	Dp1	37116	24655003	204
p38b-1	p38b	Dp1	37116	24655003	37
p38b-2	p38b	Dp1	37116	24655003	59
p38b-4	p38b	Dp1	37116	24655003	48
p38c-1	p38c	Dp1	37116	24655003	79
p38c-2	p38c	Dp1	37116	24655003	252
p38c-3	p38c	Dp1	37116	24655003	273
p38c-4	p38c	Dp1	37116	24655003	329
Vector-US-1	Vector	Srp72	42439	24648453	112
Vector-US-2	Vector	Srp72	42439	24648453	196
Vector-US-3	Vector	Srp72	42439	24648453	118
Vector-US-4	Vector	Srp72	42439	24648453	77
Vector-HS-1	Vector	Srp72	42439	24648453	76
Vector-OS-1	Vector	Srp72	42439	24648453	92
p38a-1	p38a	Srp72	42439	24648453	71
p38a-2	p38a	Srp72	42439	24648453	105
p38a-4	p38a	Srp72	42439	24648453	54
p38b-3	p38b	Srp72	42439	24648453	64
p38c-2	p38c	Srp72	42439	24648453	222
p38c-3	p38c	Srp72	42439	24648453	247
p38c-4	p38c	Srp72	42439	24648453	338
Vector-US-1	Vector	RpLP1	33214	17136320	112
Vector-US-2	Vector	RpLP1	33214	17136320	173
Vector-US-3	Vector	RpLP1	33214	17136320	166
Vector-US-4	Vector	RpLP1	33214	17136320	179
Vector-HS-1	Vector	RpLP1	33214	17136320	199
Vector-OS-1	Vector	RpLP1	33214	17136320	242
Vector-OS-3	Vector	RpLP1	33214	17136320	61
Mef2-US-1	Mef2	RpLP1	33214	17136320	59
Mef2-US-2	Mef2	RpLP1	33214	17136320	90
p38a-1	p38a	RpLP1	33214	17136320	165
p38a-2	p38a	RpLP1	33214	17136320	161
p38a-3	p38a	RpLP1	33214	17136320	119
p38a-4	p38a	RpLP1	33214	17136320	100
p38b-2	p38b	RpLP1	33214	17136320	63
p38b-4	p38b	RpLP1	33214	17136320	49

p38c-1	p38c	RpLP1	33214	17136320	160
p38c-2	p38c	RpLP1	33214	17136320	163
p38c-3	p38c	RpLP1	33214	17136320	161
p38c-4	p38c	RpLP1	33214	17136320	166
Vector-US-1	Vector	yps	39377	24663131	112
Vector-US-2	Vector	yps	39377	24663131	154
Vector-US-3	Vector	yps	39377	24663131	73
Vector-US-4	Vector	yps	39377	24663131	100
Vector-HS-1	Vector	yps	39377	24663131	100
Vector-OS-1	Vector	yps	39377	24663131	109
Mef2-US-1	Mef2	yps	39377	24663131	98
Mef2-US-2	Mef2	yps	39377	24663131	99
p38a-1	p38a	yps	39377	24663131	47
p38a-2	p38a	yps	39377	24663131	81
p38a-3	p38a	yps	39377	24663131	102
p38a-4	p38a	yps	39377	24663131	59
p38b-2	p38b	yps	39377	24663131	49
p38b-3	p38b	yps	39377	24663131	88
p38c-1	p38c	yps	39377	24663131	168
p38c-2	p38c	yps	39377	24663131	106
p38c-3	p38c	yps	39377	24663131	130
p38c-4	p38c	yps	39377	24663131	68
Vector-US-1	Vector	mod	43764	24651794	111
Vector-US-2	Vector	mod	43764	24651794	341
Vector-US-3	Vector	mod	43764	24651794	234
Vector-US-4	Vector	mod	43764	24651794	367
Vector-HS-1	Vector	mod	43764	24651794	132
Vector-OS-1	Vector	mod	43764	24651794	462
Vector-OS-3	Vector	mod	43764	24651794	123
Mef2-US-1	Mef2	mod	43764	24651794	169
Mef2-US-2	Mef2	mod	43764	24651794	93
p38a-1	p38a	mod	43764	24651794	129
p38a-2	p38a	mod	43764	24651794	249
p38a-3	p38a	mod	43764	24651794	346
p38a-4	p38a	mod	43764	24651794	109
p38b-1	p38b	mod	43764	24651794	87
p38b-4	p38b	mod	43764	24651794	54
p38c-2	p38c	mod	43764	24651794	266
p38c-3	p38c	mod	43764	24651794	188
p38c-4	p38c	mod	43764	24651794	217
Vector-US-1	Vector	VhaSFD	34997	24584671	111
Vector-US-4	Vector	VhaSFD	34997	24584675	155
p38a-1	p38a	VhaSFD	34997	24584671	38
p38a-2	p38a	VhaSFD	34997	24584675	76
p38a-4	p38a	VhaSFD	34997	24584671	94
p38c-3	p38c	VhaSFD	34997	24584671	100
Vector-US-1	Vector	cpa	37387	19922662	111

Vector-OS-1	Vector	cpa	37387	19922662	118
p38c-1	p38c	cpa	37387	19922662	114
Vector-US-1	Vector	Cyp1	32595	45549139	111
Vector-US-2	Vector	Cyp1	32595	45549139	69
Vector-US-3	Vector	Cyp1	32595	45549139	128
Vector-US-4	Vector	Cyp1	32595	45549139	51
Vector-OS-1	Vector	Cyp1	32595	45549139	124
p38a-1	p38a	Cyp1	32595	45549139	54
p38a-2	p38a	Cyp1	32595	45549139	53
p38a-4	p38a	Cyp1	32595	45549139	136
Vector-US-1	Vector	ear	44451	21356101	109
p38a-2	p38a	ear	44451	21356101	67
p38c-1	p38c	ear	44451	21356101	108
p38c-3	p38c	ear	44451	21356101	52
p38c-4	p38c	ear	44451	21356101	55
Vector-US-1	Vector	Pp2A-29B	2768940	78706846	108
Vector-US-2	Vector	Pp2A-29B	2768940	78706846	128
Vector-US-4	Vector	Pp2A-29B	2768940	78706846	84
Vector-OS-1	Vector	Pp2A-29B	2768940	78706846	128
Mef2-US-1	Mef2	Pp2A-29B	2768940	78706846	79
p38a-1	p38a	Pp2A-29B	2768940	78706846	91
p38a-2	p38a	Pp2A-29B	2768940	78706846	80
p38b-3	p38b	Pp2A-29B	2768940	78706846	109
p38c-1	p38c	Pp2A-29B	2768940	78706846	72
p38c-2	p38c	Pp2A-29B	2768940	78706846	88
p38c-3	p38c	Pp2A-29B	2768940	78706846	94
p38c-4	p38c	Pp2A-29B	2768940	78706846	155
Vector-US-1	Vector	nop5	33966	17137636	106
Vector-US-2	Vector	nop5	33966	17137636	104
Vector-US-4	Vector	nop5	33966	17137636	177
Vector-OS-1	Vector	nop5	33966	17137636	154
p38a-1	p38a	nop5	33966	17137636	53
p38a-2	p38a	nop5	33966	17137636	103
p38a-4	p38a	nop5	33966	17137636	62
p38b-1	p38b	nop5	33966	17137636	30
p38b-2	p38b	nop5	33966	17137636	67
p38b-4	p38b	nop5	33966	17137636	85
p38c-1	p38c	nop5	33966	17137636	74
p38c-2	p38c	nop5	33966	17137636	81
p38c-3	p38c	nop5	33966	17137636	69
p38c-4	p38c	nop5	33966	17137636	195
Vector-US-1	Vector	eIF-3p40	45682	45549263	106
Vector-US-2	Vector	eIF-3p40	45682	45549263	65
Vector-US-3	Vector	eIF-3p40	45682	45549263	112
Vector-US-4	Vector	eIF-3p40	45682	45549263	157
Vector-HS-1	Vector	eIF-3p40	45682	45549263	180
Vector-OS-1	Vector	eIF-3p40	45682	45549263	163

Vector-OS-2	Vector	eIF-3p40	45682	45549263	130
p38a-2	p38a	eIF-3p40	45682	45549263	109
p38a-3	p38a	eIF-3p40	45682	45549263	73
p38b-1	p38b	eIF-3p40	45682	45549263	72
p38b-4	p38b	eIF-3p40	45682	45549263	83
p38c-1	p38c	eIF-3p40	45682	45549263	125
p38c-2	p38c	eIF-3p40	45682	45549263	182
p38c-3	p38c	eIF-3p40	45682	45549263	128
p38c-4	p38c	eIF-3p40	45682	45549263	201
Vector-US-1	Vector	CG5913	43132	24650182	103
Vector-US-3	Vector	CG5913	43132	24650182	98
Vector-US-4	Vector	CG5913	43132	24650182	65
Vector-OS-1	Vector	CG5913	43132	24650182	95
p38a-2	p38a	CG5913	43132	24650182	61
p38a-3	p38a	CG5913	43132	24650182	75
p38b-1	p38b	CG5913	43132	24650182	35
Vector-US-1	Vector	HmgD	37481	24657284	102
Vector-US-2	Vector	HmgD	37481	24657284	95
Vector-US-3	Vector	HmgD	37481	24657284	102
Vector-HS-1	Vector	HmgD	37481	24657284	106
Vector-OS-1	Vector	HmgD	37481	24657284	105
Mef2-US-1	Mef2	HmgD	37481	24657284	97
Mef2-US-2	Mef2	HmgD	37481	24657284	138
p38a-2	p38a	HmgD	37481	24657284	106
p38a-3	p38a	HmgD	37481	24657284	94
p38b-3	p38b	HmgD	37481	24657284	126
p38b-4	p38b	HmgD	37481	24657284	94
p38c-1	p38c	HmgD	37481	24657284	91
p38c-2	p38c	HmgD	37481	24657284	98
p38c-3	p38c	HmgD	37481	24657284	105
p38c-4	p38c	HmgD	37481	24657284	99
Vector-US-1	Vector	skap	41067	24645208	99
Vector-US-2	Vector	skap	41067	24645208	152
p38b-2	p38b	skap	41067	24645208	46
Vector-US-1	Vector	CG7564	39956	24665973	99
Vector-US-2	Vector	CG7564	39956	24665973	122
Vector-US-3	Vector	CG7564	39956	24665973	247
Vector-HS-1	Vector	CG7564	39956	24665973	103
Vector-OS-1	Vector	CG7564	39956	24665973	238
Vector-OS-3	Vector	CG7564	39956	24665973	55
p38a-1	p38a	CG7564	39956	24665973	95
p38a-2	p38a	CG7564	39956	24665973	111
p38a-4	p38a	CG7564	39956	24665973	90
p38b-4	p38b	CG7564	39956	24665973	89
p38c-1	p38c	CG7564	39956	24665973	234
p38c-2	p38c	CG7564	39956	24665973	134
p38c-3	p38c	CG7564	39956	24665973	93

p38c-4	p38c	CG7564	39956	24665973	175
Vector-US-1	Vector	zetaCOP	39862	21356771	98
Vector-US-2	Vector	zetaCOP	39862	21356771	78
Vector-US-3	Vector	zetaCOP	39862	21356771	85
Vector-US-4	Vector	zetaCOP	39862	21356771	121
Vector-OS-1	Vector	zetaCOP	39862	21356771	93
Vector-OS-2	Vector	zetaCOP	39862	21356771	59
Vector-OS-3	Vector	zetaCOP	39862	21356771	49
p38a-3	p38a	zetaCOP	39862	21356771	83
p38a-4	p38a	zetaCOP	39862	21356771	87
p38b-2	p38b	zetaCOP	39862	21356771	99
p38c-1	p38c	zetaCOP	39862	21356771	80
p38c-2	p38c	zetaCOP	39862	21356771	72
p38c-3	p38c	zetaCOP	39862	21356771	99
p38c-4	p38c	zetaCOP	39862	21356771	102
Vector-US-1	Vector	RpA-70	40972	17737841	98
Vector-US-4	Vector	RpA-70	40972	17737841	49
Vector-OS-1	Vector	RpA-70	40972	17737841	151
p38a-2	p38a	RpA-70	40972	17737841	36
p38a-4	p38a	RpA-70	40972	17737841	78
p38c-2	p38c	RpA-70	40972	17737841	100
p38c-3	p38c	RpA-70	40972	17737841	63
p38c-4	p38c	RpA-70	40972	17737841	208
Vector-US-1	Vector	PP2A-B'	42169	24647839	97
Vector-US-1	Vector	Ef2b	35422	24585709	97
Vector-US-2	Vector	Ef2b	35422	24585709	61
Vector-US-3	Vector	Ef2b	35422	24585709	48
Vector-US-4	Vector	Ef2b	35422	24585709	79
Vector-HS-1	Vector	Ef2b	35422	24585709	49
p38a-1	p38a	Ef2b	35422	24585709	71
p38a-3	p38a	Ef2b	35422	24585709	63
p38c-1	p38c	Ef2b	35422	24585709	73
p38c-2	p38c	Ef2b	35422	24585709	48
Vector-US-1	Vector	pAbp	37070	17136378	95
Vector-US-2	Vector	pAbp	37070	17136378	141
Vector-US-3	Vector	pAbp	37070	17136378	142
Vector-US-4	Vector	pAbp	37070	17136378	98
Vector-OS-1	Vector	pAbp	37070	17136378	80
p38a-3	p38a	pAbp	37070	17136378	53
p38b-1	p38b	pAbp	37070	17136378	37
p38b-3	p38b	pAbp	37070	17136378	151
p38b-4	p38b	pAbp	37070	17136378	110
p38c-1	p38c	pAbp	37070	17136378	148
p38c-2	p38c	pAbp	37070	17136378	199
p38c-3	p38c	pAbp	37070	17136378	235
p38c-4	p38c	pAbp	37070	17136378	185
Vector-US-1	Vector	Rpt4	31567	24640100	95

Vector-US-2	Vector	Rpt4	31567	24640100	293
Vector-US-3	Vector	Rpt4	31567	24640100	270
Vector-US-4	Vector	Rpt4	31567	24640100	318
Vector-OS-1	Vector	Rpt4	31567	24640100	254
Vector-OS-2	Vector	Rpt4	31567	24640100	71
Vector-OS-3	Vector	Rpt4	31567	24640100	235
Mef2-US-2	Mef2	Rpt4	31567	24640100	98
p38a-1	p38a	Rpt4	31567	24640100	40
p38a-2	p38a	Rpt4	31567	24640100	236
p38a-4	p38a	Rpt4	31567	24640100	277
p38b-1	p38b	Rpt4	31567	24640100	157
p38b-3	p38b	Rpt4	31567	24640100	151
p38b-4	p38b	Rpt4	31567	24640100	143
p38c-1	p38c	Rpt4	31567	24640100	150
p38c-2	p38c	Rpt4	31567	24640100	159
p38c-3	p38c	Rpt4	31567	24640100	181
p38c-4	p38c	Rpt4	31567	24640100	305
Vector-US-1	Vector	Pros54	40388	17737721	94
Vector-US-2	Vector	Pros54	40388	17737721	83
Vector-US-3	Vector	Pros54	40388	17737721	141
Vector-US-4	Vector	Pros54	40388	17737721	101
Mef2-US-1	Mef2	Pros54	40388	17737721	113
p38a-3	p38a	Pros54	40388	17737721	56
p38a-4	p38a	Pros54	40388	17737721	77
p38b-1	p38b	Pros54	40388	17737721	36
p38b-2	p38b	Pros54	40388	17737721	72
p38b-3	p38b	Pros54	40388	17737721	93
p38b-4	p38b	Pros54	40388	17737721	88
p38c-1	p38c	Pros54	40388	17737721	51
p38c-2	p38c	Pros54	40388	17737721	107
p38c-3	p38c	Pros54	40388	17737721	62
p38c-4	p38c	Pros54	40388	17737721	107
Vector-US-1	Vector	RanGap	35223	17136452	93
Vector-US-3	Vector	RanGap	35223	17136452	82
Vector-US-1	Vector	BicD	35051	24584833	93
Vector-US-4	Vector	BicD	35051	24584833	104
p38a-1	p38a	BicD	35051	24584833	56
p38a-4	p38a	BicD	35051	24584833	86
p38c-2	p38c	BicD	35051	24584833	176
p38c-3	p38c	BicD	35051	24584833	137
p38c-4	p38c	BicD	35051	24584833	57
Vector-US-1	Vector	bic	45827	17136698	91
Vector-US-2	Vector	bic	45827	17136698	79
Vector-US-3	Vector	bic	45827	17136698	98
Vector-OS-2	Vector	bic	45827	17136698	48
Vector-OS-3	Vector	bic	45827	17136698	52
p38a-2	p38a	bic	45827	17136698	90

p38b-3	p38b	bic	45827	17136698	78
p38b-4	p38b	bic	45827	17136698	71
p38c-1	p38c	bic	45827	17136698	74
p38c-2	p38c	bic	45827	17136698	65
p38c-3	p38c	bic	45827	17136698	56
Vector-US-1	Vector	Mcm2	40973	17137132	90
Vector-US-3	Vector	Mcm2	40973	17137132	61
Vector-US-4	Vector	Mcm2	40973	17137132	121
p38a-2	p38a	Mcm2	40973	17137132	44
p38a-3	p38a	Mcm2	40973	17137132	66
p38c-1	p38c	Mcm2	40973	17137132	75
p38c-2	p38c	Mcm2	40973	17137132	93
p38c-3	p38c	Mcm2	40973	17137132	100
p38c-4	p38c	Mcm2	40973	17137132	102
Vector-US-1	Vector	Synd	42467	28571785	89
Vector-US-3	Vector	Synd	42467	28571785	78
p38c-4	p38c	Synd	42467	28571785	48
Vector-US-1	Vector	CG11198	35761	24586458	89
Vector-US-2	Vector	CG11198	35761	24586458	142
Vector-US-4	Vector	CG11198	35761	24586458	191
Vector-OS-1	Vector	CG11198	35761	24586458	63
p38a-1	p38a	CG11198	35761	24586458	102
p38a-2	p38a	CG11198	35761	24586458	182
p38a-3	p38a	CG11198	35761	24586458	120
p38a-4	p38a	CG11198	35761	24586458	176
p38c-2	p38c	CG11198	35761	24586458	147
p38c-3	p38c	CG11198	35761	24586458	232
p38c-4	p38c	CG11198	35761	24586458	381
Vector-US-1	Vector	Crc	41166	24645441	88
Vector-US-2	Vector	Crc	41166	24645441	50
Vector-US-3	Vector	Crc	41166	24645441	81
Vector-US-4	Vector	Crc	41166	24645441	123
Vector-OS-1	Vector	Crc	41166	24645441	124
Vector-OS-3	Vector	Crc	41166	24645441	52
Mef2-US-1	Mef2	Crc	41166	24645441	83
p38a-1	p38a	Crc	41166	24645441	194
p38a-2	p38a	Crc	41166	24645441	102
p38a-4	p38a	Crc	41166	24645441	76
p38c-1	p38c	Crc	41166	24645441	118
p38c-2	p38c	Crc	41166	24645441	160
p38c-3	p38c	Crc	41166	24645441	86
p38c-4	p38c	Crc	41166	24645441	115
Vector-US-1	Vector	Ars2	35539	24585954	87
Vector-US-2	Vector	Ars2	35539	24585954	560
Vector-US-3	Vector	Ars2	35539	24585954	117
Vector-US-4	Vector	Ars2	35539	24585954	225
Vector-OS-1	Vector	Ars2	35539	24585954	481

Vector-OS-2	Vector	Ars2	35539	24585954	50
p38a-2	p38a	Ars2	35539	24585954	134
p38a-4	p38a	Ars2	35539	24585954	63
p38c-1	p38c	Ars2	35539	24585954	102
p38c-2	p38c	Ars2	35539	24585954	69
p38c-3	p38c	Ars2	35539	24585954	79
p38c-4	p38c	Ars2	35539	24585954	88
Vector-US-1	Vector	r	32640	45555749	87
Vector-US-2	Vector	r	32640	45555749	59
p38a-2	p38a	r	32640	24642586	42
p38c-2	p38c	r	32640	45555749	80
Vector-US-1	Vector	Art1	41295	21356361	87
Vector-US-3	Vector	Art1	41295	21356361	99
Vector-US-1	Vector	CG1516	36020	19921944	86
Vector-US-2	Vector	CG1516	36020	19921944	91
Vector-US-4	Vector	CG1516	36020	19921944	160
p38a-1	p38a	CG1516	36020	19921944	117
p38a-4	p38a	CG1516	36020	19921944	103
p38b-4	p38b	CG1516	36020	19921944	70
p38c-2	p38c	CG1516	36020	19921944	91
p38c-3	p38c	CG1516	36020	19921944	142
p38c-4	p38c	CG1516	36020	19921944	225
Vector-US-1	Vector	CG5976	40270	28574642	86
Vector-US-2	Vector	CG5976	40270	28574642	166
Vector-US-3	Vector	CG5976	40270	28574642	375
Vector-US-4	Vector	CG5976	40270	28574642	136
Vector-HS-1	Vector	CG5976	40270	28574642	138
Vector-OS-1	Vector	CG5976	40270	28574642	185
Mef2-US-1	Mef2	CG5976	40270	28574642	66
Mef2-US-2	Mef2	CG5976	40270	28574642	85
p38a-1	p38a	CG5976	40270	28574642	112
p38a-2	p38a	CG5976	40270	28574642	127
p38a-3	p38a	CG5976	40270	28574642	150
p38a-4	p38a	CG5976	40270	28574642	161
p38b-1	p38b	CG5976	40270	28574642	66
p38b-2	p38b	CG5976	40270	28574642	125
p38b-3	p38b	CG5976	40270	28574642	191
p38b-4	p38b	CG5976	40270	28574642	76
p38c-1	p38c	CG5976	40270	28574642	161
p38c-2	p38c	CG5976	40270	28574642	190
p38c-3	p38c	CG5976	40270	28574642	122
p38c-4	p38c	CG5976	40270	28574640	193
Vector-US-1	Vector	pic	41611	21357503	83
Vector-US-2	Vector	pic	41611	21357503	121
Vector-US-4	Vector	pic	41611	21357503	205
p38a-1	p38a	pic	41611	21357503	76
p38a-4	p38a	pic	41611	21357503	126

p38b-1	p38b	pic	41611	21357503	40
p38b-3	p38b	pic	41611	21357503	118
p38b-4	p38b	pic	41611	21357503	65
p38c-2	p38c	pic	41611	21357503	83
p38c-4	p38c	pic	41611	21357503	60
Vector-US-1	Vector	RpL5	3355124	116007382	82
Vector-HS-1	Vector	RpL5	3355124	116007382	48
Vector-OS-1	Vector	RpL5	3355124	281365365	188
Vector-US-1	Vector	CG1240	38341	21357829	82
Vector-US-2	Vector	CG1240	38341	21357829	154
Vector-US-3	Vector	CG1240	38341	21357829	59
Vector-US-4	Vector	CG1240	38341	21357829	148
Vector-HS-1	Vector	CG1240	38341	21357829	117
Vector-OS-1	Vector	CG1240	38341	21357829	200
Vector-OS-2	Vector	CG1240	38341	21357829	105
Vector-OS-3	Vector	CG1240	38341	21357829	68
Mef2-US-1	Mef2	CG1240	38341	21357829	93
p38a-2	p38a	CG1240	38341	21357829	150
p38a-3	p38a	CG1240	38341	21357829	176
p38a-4	p38a	CG1240	38341	21357829	84
p38b-3	p38b	CG1240	38341	21357829	57
p38b-4	p38b	CG1240	38341	21357829	98
p38c-1	p38c	CG1240	38341	21357829	143
p38c-2	p38c	CG1240	38341	21357829	75
p38c-3	p38c	CG1240	38341	21357829	127
p38c-4	p38c	CG1240	38341	21357829	79
Vector-US-1	Vector	RpLP0	40451	17737731	82
Vector-US-2	Vector	RpLP0	40451	17737731	150
Vector-US-3	Vector	RpLP0	40451	17737731	114
Vector-HS-1	Vector	RpLP0	40451	17737731	181
Vector-OS-1	Vector	RpLP0	40451	17737731	286
Vector-OS-2	Vector	RpLP0	40451	17737731	168
Vector-OS-3	Vector	RpLP0	40451	17737731	47
p38a-2	p38a	RpLP0	40451	17737731	82
p38c-4	p38c	RpLP0	40451	17737731	120
Vector-US-1	Vector	CG4164	33220	19920464	81
Vector-US-2	Vector	CG4164	33220	19920464	210
Vector-HS-1	Vector	CG4164	33220	19920464	54
Vector-OS-1	Vector	CG4164	33220	19920464	141
p38a-1	p38a	CG4164	33220	19920464	143
p38a-3	p38a	CG4164	33220	19920464	87
p38c-2	p38c	CG4164	33220	19920464	58
p38c-3	p38c	CG4164	33220	19920464	72
p38c-4	p38c	CG4164	33220	19920464	136
Vector-US-1	Vector	CG4747	192507	28574115	81
Vector-US-4	Vector	CG4747	192507	28574115	160
Vector-OS-1	Vector	CG4747	192507	28574115	174

p38a-2	p38a	CG4747	192507	28574115	73
p38c-2	p38c	CG4747	192507	28574115	73
p38c-4	p38c	CG4747	192507	28574115	112
Vector-US-1	Vector	CG6453	35056	19921464	81
Vector-US-2	Vector	CG6453	35056	19921464	295
Vector-US-3	Vector	CG6453	35056	19921464	165
Vector-US-4	Vector	CG6453	35056	19921464	110
Vector-HS-1	Vector	CG6453	35056	19921464	124
Vector-OS-1	Vector	CG6453	35056	19921464	347
Vector-OS-2	Vector	CG6453	35056	19921464	77
Vector-OS-3	Vector	CG6453	35056	19921464	50
Mef2-US-2	Mef2	CG6453	35056	19921464	62
p38a-3	p38a	CG6453	35056	19921464	140
p38a-4	p38a	CG6453	35056	19921464	93
p38b-2	p38b	CG6453	35056	19921464	101
p38c-1	p38c	CG6453	35056	19921464	162
p38c-2	p38c	CG6453	35056	19921464	245
p38c-3	p38c	CG6453	35056	19921464	149
p38c-4	p38c	CG6453	35056	19921464	331
Vector-US-1	Vector	RpL11	37235	17137026	80
Vector-US-2	Vector	RpL11	37235	17137026	92
Vector-HS-1	Vector	RpL11	37235	17137026	101
Vector-OS-1	Vector	RpL11	37235	17137026	48
Mef2-US-2	Mef2	RpL11	37235	17137026	67
p38a-1	p38a	RpL11	37235	17137026	66
p38a-4	p38a	RpL11	37235	17137026	71
Vector-US-1	Vector	Rpn3	35176	17137450	80
Vector-US-2	Vector	Rpn3	35176	17137450	95
Vector-US-3	Vector	Rpn3	35176	17137450	90
Vector-US-4	Vector	Rpn3	35176	17137450	226
Vector-OS-1	Vector	Rpn3	35176	17137450	291
p38a-1	p38a	Rpn3	35176	17137450	95
p38a-2	p38a	Rpn3	35176	17137450	103
p38a-3	p38a	Rpn3	35176	17137450	265
p38a-4	p38a	Rpn3	35176	17137450	122
p38b-3	p38b	Rpn3	35176	17137450	46
p38c-1	p38c	Rpn3	35176	17137450	69
p38c-2	p38c	Rpn3	35176	17137450	120
p38c-3	p38c	Rpn3	35176	17137450	312
p38c-4	p38c	Rpn3	35176	17137450	104
Vector-US-1	Vector	Cdlc2	33319	17137630	80
p38b-4	p38b	Cdlc2	33319	17137630	120
Vector-US-1	Vector	Rpn1	40174	21356859	80
Vector-US-2	Vector	Rpn1	40174	21356859	79
Vector-US-3	Vector	Rpn1	40174	21356859	82
Vector-US-4	Vector	Rpn1	40174	21356859	78
p38a-2	p38a	Rpn1	40174	21356859	66

p38a-3	p38a	Rpn1	40174	21356859	85
p38a-4	p38a	Rpn1	40174	21356859	86
p38b-1	p38b	Rpn1	40174	21356859	113
p38b-3	p38b	Rpn1	40174	21356859	112
p38b-4	p38b	Rpn1	40174	21356859	134
p38c-1	p38c	Rpn1	40174	21356859	126
p38c-2	p38c	Rpn1	40174	21356859	76
p38c-3	p38c	Rpn1	40174	21356859	177
p38c-4	p38c	Rpn1	40174	21356859	141
Vector-US-1	Vector	Vha36	44702	21355551	80
Vector-US-3	Vector	Vha36	44702	21355551	104
Vector-US-4	Vector	Vha36	44702	21355551	89
Vector-OS-1	Vector	Vha36	44702	21355551	69
p38a-1	p38a	Vha36	44702	21355551	87
p38a-2	p38a	Vha36	44702	21355551	79
p38a-3	p38a	Vha36	44702	21355551	91
p38a-4	p38a	Vha36	44702	21355551	107
p38b-4	p38b	Vha36	44702	21355551	75
p38c-1	p38c	Vha36	44702	21355551	82
p38c-2	p38c	Vha36	44702	21355551	93
p38c-3	p38c	Vha36	44702	21355551	85
p38c-4	p38c	Vha36	44702	21355551	177
Vector-US-1	Vector	ras	43873	24641071	79
Vector-HS-1	Vector	ras	43873	24641071	176
p38c-1	p38c	ras	43873	24641071	51
p38c-3	p38c	ras	43873	24641071	98
p38c-4	p38c	ras	43873	24641071	59
Vector-US-1	Vector	tsr	37841	17136986	79
Vector-US-3	Vector	tsr	37841	17136986	90
Vector-US-4	Vector	tsr	37841	17136986	50
Vector-HS-1	Vector	tsr	37841	17136986	112
Vector-OS-1	Vector	tsr	37841	17136986	157
p38a-1	p38a	tsr	37841	17136986	78
p38a-2	p38a	tsr	37841	17136986	34
p38a-3	p38a	tsr	37841	17136986	77
p38a-4	p38a	tsr	37841	17136986	58
p38b-1	p38b	tsr	37841	17136986	81
p38b-2	p38b	tsr	37841	17136986	87
p38b-3	p38b	tsr	37841	17136986	75
p38b-4	p38b	tsr	37841	17136986	70
p38c-1	p38c	tsr	37841	17136986	128
p38c-2	p38c	tsr	37841	17136986	69
p38c-3	p38c	tsr	37841	17136986	67
p38c-4	p38c	tsr	37841	17136986	73
Vector-US-1	Vector	Ugt	40055	24666493	79
Vector-US-2	Vector	Ugt	40055	24666493	58
Vector-US-3	Vector	Ugt	40055	24666493	64

p38c-4	p38c	Ugt	40055	24666493	115
Vector-US-1	Vector	Aats-his	32841	24643059	79
Vector-US-1	Vector	ial	34504	17137514	79
Vector-US-1	Vector	g	44819	24641854	79
Vector-US-2	Vector	g	44819	24641854	141
Vector-US-3	Vector	g	44819	24641854	140
Vector-US-4	Vector	g	44819	24641854	92
Vector-HS-1	Vector	g	44819	24641854	107
Mef2-US-1	Mef2	g	44819	24641854	68
p38a-2	p38a	g	44819	24641854	158
p38a-3	p38a	g	44819	24641854	134
p38a-4	p38a	g	44819	24641854	77
p38b-2	p38b	g	44819	24641854	69
p38b-3	p38b	g	44819	24641854	67
p38b-4	p38b	g	44819	24641854	124
p38c-1	p38c	g	44819	24641854	123
p38c-2	p38c	g	44819	24641854	107
p38c-3	p38c	g	44819	24641854	71
p38c-4	p38c	g	44819	24641854	72
Vector-US-1	Vector	Rpt3	32047	18860063	78
Vector-US-2	Vector	Rpt3	32047	18860063	243
Vector-US-3	Vector	Rpt3	32047	18860063	171
Vector-US-4	Vector	Rpt3	32047	18860063	236
Vector-HS-1	Vector	Rpt3	32047	18860063	74
Vector-OS-1	Vector	Rpt3	32047	18860063	192
Vector-OS-2	Vector	Rpt3	32047	18860063	119
Vector-OS-3	Vector	Rpt3	32047	18860063	190
Mef2-US-1	Mef2	Rpt3	32047	18860063	125
Mef2-US-2	Mef2	Rpt3	32047	18860063	47
p38a-1	p38a	Rpt3	32047	18860063	166
p38a-2	p38a	Rpt3	32047	18860063	303
p38a-3	p38a	Rpt3	32047	18860063	233
p38a-4	p38a	Rpt3	32047	18860063	168
p38b-2	p38b	Rpt3	32047	18860063	101
p38b-3	p38b	Rpt3	32047	18860063	139
p38b-4	p38b	Rpt3	32047	18860063	248
p38c-1	p38c	Rpt3	32047	18860063	203
p38c-2	p38c	Rpt3	32047	18860063	294
p38c-3	p38c	Rpt3	32047	18860063	136
p38c-4	p38c	Rpt3	32047	18860063	192
Vector-US-1	Vector	sec13	44437	21356113	77
Vector-US-2	Vector	sec13	44437	21356113	174
Vector-US-3	Vector	sec13	44437	21356113	92
Vector-US-4	Vector	sec13	44437	21356113	77
Vector-HS-1	Vector	sec13	44437	21356113	46
Vector-OS-1	Vector	sec13	44437	21356113	92
p38a-2	p38a	sec13	44437	21356113	70

p38a-4	p38a	sec13	44437	21356113	82
p38c-4	p38c	sec13	44437	21356113	65
Vector-US-1	Vector	CG7461	37217	281363737	77
Vector-OS-1	Vector	CG7461	37217	281363737	50
p38a-1	p38a	CG7461	37217	281363737	36
p38c-4	p38c	CG7461	37217	281363737	224
Vector-US-1	Vector	Fib	37662	17647425	76
Vector-US-2	Vector	Fib	37662	17647425	186
Vector-US-3	Vector	Fib	37662	17647425	208
Vector-OS-1	Vector	Fib	37662	17647425	292
Vector-OS-2	Vector	Fib	37662	17647425	50
Vector-OS-3	Vector	Fib	37662	17647425	57
Mef2-US-1	Mef2	Fib	37662	17647425	78
Mef2-US-2	Mef2	Fib	37662	17647425	47
p38a-2	p38a	Fib	37662	17647425	148
p38a-3	p38a	Fib	37662	17647425	123
p38b-1	p38b	Fib	37662	17647425	71
p38b-3	p38b	Fib	37662	17647425	323
p38b-4	p38b	Fib	37662	17647425	129
p38c-1	p38c	Fib	37662	17647425	224
p38c-2	p38c	Fib	37662	17647425	199
p38c-3	p38c	Fib	37662	17647425	101
p38c-4	p38c	Fib	37662	17647425	283
Vector-US-1	Vector	Vha26	40679	17737775	76
Vector-US-2	Vector	Vha26	40679	17737775	94
Vector-US-3	Vector	Vha26	40679	17737775	46
p38a-1	p38a	Vha26	40679	17737775	51
p38a-2	p38a	Vha26	40679	17737775	42
p38c-3	p38c	Vha26	40679	17737775	163
Vector-US-1	Vector	CG11999	40637	24644197	76
Vector-US-2	Vector	CG11999	40637	24644197	101
Vector-US-3	Vector	CG11999	40637	24644197	97
Vector-US-4	Vector	CG11999	40637	24644197	87
Vector-HS-1	Vector	CG11999	40637	24644197	98
Vector-OS-1	Vector	CG11999	40637	24644197	86
p38a-2	p38a	CG11999	40637	24644197	93
p38c-1	p38c	CG11999	40637	24644197	92
p38c-2	p38c	CG11999	40637	24644197	51
p38c-4	p38c	CG11999	40637	24644197	102
Vector-US-1	Vector	CG15100	37177	24655311	75
Vector-US-4	Vector	CG15100	37177	24655311	144
Vector-HS-1	Vector	CG15100	37177	24655311	369
Vector-OS-1	Vector	CG15100	37177	24655311	735
Mef2-US-2	Mef2	CG15100	37177	24655311	108
p38a-2	p38a	CG15100	37177	24655311	43
p38a-3	p38a	CG15100	37177	24655311	64
p38c-1	p38c	CG15100	37177	24655311	90

p38c-2	p38c	CG15100	37177	24655311	97
p38c-3	p38c	CG15100	37177	24655311	238
p38c-4	p38c	CG15100	37177	24655311	74
Vector-US-1	Vector	CG9086	32687	24642697	75
Vector-US-2	Vector	CG9086	32687	24642697	70
Vector-US-3	Vector	CG9086	32687	24642697	61
Vector-US-4	Vector	CG9086	32687	24642697	75
Vector-HS-1	Vector	CG9086	32687	24642697	52
p38a-2	p38a	CG9086	32687	24642697	66
p38a-3	p38a	CG9086	32687	24642697	131
p38a-4	p38a	CG9086	32687	24642697	76
p38b-3	p38b	CG9086	32687	24642697	69
p38c-1	p38c	CG9086	32687	24642697	72
p38c-2	p38c	CG9086	32687	24642697	69
p38c-3	p38c	CG9086	32687	24642697	75
p38c-4	p38c	CG9086	32687	24642697	59
Vector-US-1	Vector	RpS6	31700	24640437	74
Vector-US-3	Vector	RpS6	31700	17737290	94
Vector-HS-1	Vector	RpS6	31700	17737290	72
Vector-OS-1	Vector	RpS6	31700	24640437	172
Vector-OS-2	Vector	RpS6	31700	17737290	76
p38a-1	p38a	RpS6	31700	17737290	48
p38a-4	p38a	RpS6	31700	17737290	74
p38b-2	p38b	RpS6	31700	17737290	73
p38c-1	p38c	RpS6	31700	17737290	92
p38c-2	p38c	RpS6	31700	17737290	84
p38c-3	p38c	RpS6	31700	17737290	91
p38c-4	p38c	RpS6	31700	17737290	83
Vector-US-1	Vector	CG8632	36393	24653141	74
Vector-US-4	Vector	CG8632	36393	24653141	48
Vector-OS-2	Vector	CG8632	36393	24653141	48
p38c-4	p38c	CG8632	36393	24653141	51
Vector-US-1	Vector	CG7911	43559	24651247	73
p38a-2	p38a	CG7911	43559	24651247	118
Vector-US-1	Vector	UGP	39065	62484278	73
p38c-3	p38c	UGP	39065	62484278	75
Vector-US-1	Vector	trio	43974	24654944	73
Vector-US-1	Vector	Tudor-SN	38045	20130403	73
Vector-HS-1	Vector	Tudor-SN	38045	20130403	102
Vector-OS-1	Vector	Tudor-SN	38045	20130403	310
Vector-OS-2	Vector	Tudor-SN	38045	20130403	64
p38a-1	p38a	Tudor-SN	38045	20130403	41
p38c-4	p38c	Tudor-SN	38045	20130403	50
Vector-US-1	Vector	twf	41719	21358413	73
Vector-US-1	Vector	Cct1	117353	21357575	72
Vector-US-1	Vector	Rpn12	39845	21357229	72
Vector-US-2	Vector	Rpn12	39845	21357229	143

Vector-US-3	Vector	Rpn12	39845	21357229	175
Vector-US-4	Vector	Rpn12	39845	21357229	158
Vector-HS-1	Vector	Rpn12	39845	21357229	81
Vector-OS-1	Vector	Rpn12	39845	21357229	140
Vector-OS-3	Vector	Rpn12	39845	21357229	52
Mef2-US-2	Mef2	Rpn12	39845	21357229	68
p38a-1	p38a	Rpn12	39845	21357229	34
p38a-2	p38a	Rpn12	39845	21357229	109
p38a-3	p38a	Rpn12	39845	21357229	46
p38a-4	p38a	Rpn12	39845	21357229	87
p38b-3	p38b	Rpn12	39845	21357229	153
p38b-4	p38b	Rpn12	39845	21357229	116
p38c-2	p38c	Rpn12	39845	21357229	142
p38c-3	p38c	Rpn12	39845	21357229	66
p38c-4	p38c	Rpn12	39845	21357229	183
Vector-US-1	Vector	CG4069	39437	21355333	72
Vector-US-2	Vector	CG4069	39437	21355333	80
Vector-US-3	Vector	CG4069	39437	21355333	77
Vector-US-4	Vector	CG4069	39437	21355333	96
Vector-OS-3	Vector	CG4069	39437	21355333	61
p38a-2	p38a	CG4069	39437	21355333	69
p38a-3	p38a	CG4069	39437	21355333	95
p38a-4	p38a	CG4069	39437	21355333	77
p38b-3	p38b	CG4069	39437	21355333	78
p38b-4	p38b	CG4069	39437	21355333	85
p38c-1	p38c	CG4069	39437	21355333	83
p38c-2	p38c	CG4069	39437	21355333	92
p38c-3	p38c	CG4069	39437	21355333	79
p38c-4	p38c	CG4069	39437	21355333	85
Vector-US-1	Vector	CG8142	32763	18859927	72
Vector-HS-1	Vector	CG8142	32763	18859927	98
p38c-4	p38c	CG8142	32763	18859927	92
Vector-US-1	Vector	sip2	33979	45550941	72
Vector-US-2	Vector	sip2	33979	24582383	55
p38c-1	p38c	sip2	33979	45550941	52
p38c-3	p38c	sip2	33979	45550941	80
p38c-4	p38c	sip2	33979	45550941	46
Vector-US-1	Vector	CG7945	39679	24664648	72
Vector-US-4	Vector	CG7945	39679	24664648	88
p38a-2	p38a	CG7945	39679	24664648	90
p38a-3	p38a	CG7945	39679	24664648	83
p38a-4	p38a	CG7945	39679	24664648	86
p38b-3	p38b	CG7945	39679	24664648	82
p38b-4	p38b	CG7945	39679	24664648	122
p38c-1	p38c	CG7945	39679	24664648	100
p38c-2	p38c	CG7945	39679	24664648	107
p38c-3	p38c	CG7945	39679	24664648	96

p38c-4	p38c	CG7945	39679	24664648	96
Vector-US-1	Vector	Prosalpha1	45780	24586400	72
Vector-US-2	Vector	Prosalpha1	45780	24586400	189
Vector-US-3	Vector	Prosalpha1	45780	24586400	154
Vector-US-4	Vector	Prosalpha1	45780	24586400	114
Vector-HS-1	Vector	Prosalpha1	45780	24586400	65
p38a-2	p38a	Prosalpha1	45780	24586400	96
p38a-3	p38a	Prosalpha1	45780	24586400	103
p38a-4	p38a	Prosalpha1	45780	24586400	159
p38b-1	p38b	Prosalpha1	45780	24586400	43
p38c-3	p38c	Prosalpha1	45780	24586400	207
p38c-4	p38c	Prosalpha1	45780	24586400	172
Vector-US-1	Vector	CG6259	39964	21355253	71
Vector-US-1	Vector	Aats-arg	32539	18859963	71
Vector-US-2	Vector	Aats-arg	32539	18859963	48
Vector-US-3	Vector	Aats-arg	32539	18859963	126
Vector-US-4	Vector	Aats-arg	32539	18859963	50
Vector-OS-1	Vector	Aats-arg	32539	18859963	173
p38a-2	p38a	Aats-arg	32539	18859963	75
p38b-4	p38b	Aats-arg	32539	18859963	62
p38c-2	p38c	Aats-arg	32539	18859963	179
p38c-3	p38c	Aats-arg	32539	18859963	116
p38c-4	p38c	Aats-arg	32539	18859963	58
Vector-US-1	Vector	gro	43162	24650235	70
Vector-US-1	Vector	CG11858	43044	21356303	70
Vector-US-2	Vector	CG11858	43044	21356303	118
Vector-US-3	Vector	CG11858	43044	21356303	79
Vector-US-4	Vector	CG11858	43044	21356303	62
Vector-HS-1	Vector	CG11858	43044	21356303	54
Vector-OS-1	Vector	CG11858	43044	21356303	80
Mef2-US-1	Mef2	CG11858	43044	21356303	71
p38a-1	p38a	CG11858	43044	21356303	68
p38a-2	p38a	CG11858	43044	21356303	78
p38a-3	p38a	CG11858	43044	21356303	74
p38a-4	p38a	CG11858	43044	21356303	68
p38c-1	p38c	CG11858	43044	21356303	77
p38c-2	p38c	CG11858	43044	21356303	65
Vector-US-1	Vector	sta	31106	17136518	70
Vector-US-2	Vector	sta	31106	17136518	192
Vector-US-3	Vector	sta	31106	17136518	192
Vector-US-4	Vector	sta	31106	17136518	232
Vector-HS-1	Vector	sta	31106	17136518	108
Vector-OS-1	Vector	sta	31106	17136518	242
Vector-OS-3	Vector	sta	31106	17136518	63
Mef2-US-1	Mef2	sta	31106	17136518	64
p38a-2	p38a	sta	31106	17136518	99
p38a-3	p38a	sta	31106	17136518	172

p38b-1	p38b	sta	31106	17136518	90
p38b-3	p38b	sta	31106	17136518	203
p38b-4	p38b	sta	31106	17136518	138
p38c-1	p38c	sta	31106	17136518	158
p38c-2	p38c	sta	31106	17136518	222
p38c-3	p38c	sta	31106	17136518	185
p38c-4	p38c	sta	31106	17136518	188
Vector-US-1	Vector	CG5325	34630	24583827	69
Vector-US-1	Vector	CG5384	34387	24583343	69
Vector-US-2	Vector	CG5384	34387	24583343	158
Vector-US-4	Vector	CG5384	34387	24583343	81
Vector-HS-1	Vector	CG5384	34387	24583343	149
Vector-OS-1	Vector	CG5384	34387	24583343	94
p38b-2	p38b	CG5384	34387	24583343	48
p38c-1	p38c	CG5384	34387	24583343	48
p38c-3	p38c	CG5384	34387	24583343	94
p38c-4	p38c	CG5384	34387	24583343	83
Vector-US-1	Vector	CG8235	35892	24651924	68
Vector-US-4	Vector	CG8235	35892	24651924	116
Vector-OS-3	Vector	CG8235	35892	24651924	59
Mef2-US-1	Mef2	CG8235	35892	24651924	76
p38a-2	p38a	CG8235	35892	24651924	56
p38b-2	p38b	CG8235	35892	24651924	88
p38b-3	p38b	CG8235	35892	24651924	62
p38b-4	p38b	CG8235	35892	24651924	115
p38c-1	p38c	CG8235	35892	24651924	108
p38c-2	p38c	CG8235	35892	24651924	132
p38c-3	p38c	CG8235	35892	24651924	125
p38c-4	p38c	CG8235	35892	24651924	90
Vector-US-1	Vector	CG1115	40624	21356083	68
p38c-2	p38c	CG1115	40624	21356083	57
Vector-US-1	Vector	Trip1	33710	17648041	67
Vector-US-2	Vector	Trip1	33710	17648041	197
Vector-US-3	Vector	Trip1	33710	17648041	178
Vector-US-4	Vector	Trip1	33710	17648041	121
Vector-HS-1	Vector	Trip1	33710	17648041	68
Vector-OS-1	Vector	Trip1	33710	17648041	177
Mef2-US-2	Mef2	Trip1	33710	17648041	49
p38a-3	p38a	Trip1	33710	17648041	89
p38a-4	p38a	Trip1	33710	17648041	127
p38c-2	p38c	Trip1	33710	17648041	74
p38c-4	p38c	Trip1	33710	17648041	91
Vector-US-1	Vector	Hsc70-5	36583	24653595	67
Vector-US-2	Vector	Hsc70-5	36583	24653595	451
Vector-US-4	Vector	Hsc70-5	36583	24653595	217
Vector-OS-1	Vector	Hsc70-5	36583	24653595	278
Vector-OS-2	Vector	Hsc70-5	36583	24653595	47

Mef2-US-1	Mef2	Hsc70-5	36583	24653595	486
Mef2-US-2	Mef2	Hsc70-5	36583	24653595	700
p38a-1	p38a	Hsc70-5	36583	24653595	151
p38a-2	p38a	Hsc70-5	36583	24653595	66
p38a-3	p38a	Hsc70-5	36583	24653595	125
p38a-4	p38a	Hsc70-5	36583	24653595	119
p38b-1	p38b	Hsc70-5	36583	24653595	37
p38c-2	p38c	Hsc70-5	36583	24653595	50
p38c-4	p38c	Hsc70-5	36583	24653595	105
Vector-US-1	Vector	Tango5	326232	24641079	66
Vector-US-2	Vector	Tango5	326232	24641079	112
Vector-US-3	Vector	Tango5	326232	24641079	107
Vector-OS-1	Vector	Tango5	326232	24641079	61
Vector-US-1	Vector	dgt6	43441	21358161	65
Vector-US-1	Vector	RpL7	34352	24583248	65
Vector-US-2	Vector	RpL7	34352	24583248	66
Vector-US-4	Vector	RpL7	34352	24583248	61
Vector-HS-1	Vector	RpL7	34352	24583248	47
p38a-2	p38a	RpL7	34352	24583248	63
Vector-US-1	Vector	Cortactin	42491	24648611	65
Vector-US-1	Vector	cindr	43654	28571934	64
Vector-HS-1	Vector	cindr	43654	28571934	56
Vector-OS-1	Vector	cindr	43654	28571936	201
Vector-OS-2	Vector	cindr	43654	28571936	79
p38a-4	p38a	cindr	43654	28571936	54
Vector-US-1	Vector	CG5642	39386	21358039	64
Vector-US-2	Vector	CG5642	39386	21358039	194
Vector-US-3	Vector	CG5642	39386	21358039	131
Vector-US-4	Vector	CG5642	39386	21358039	241
Vector-HS-1	Vector	CG5642	39386	21358039	104
Vector-OS-1	Vector	CG5642	39386	21358039	81
p38a-2	p38a	CG5642	39386	21358039	54
p38a-4	p38a	CG5642	39386	21358039	63
p38b-4	p38b	CG5642	39386	21358039	54
p38c-1	p38c	CG5642	39386	21358039	86
p38c-2	p38c	CG5642	39386	21358039	135
p38c-3	p38c	CG5642	39386	21358039	104
p38c-4	p38c	CG5642	39386	21358039	95
Vector-US-1	Vector	SNF4Agamma	42515	24648645	63
Vector-HS-1	Vector	SNF4Agamma	42515	24648645	50
p38c-1	p38c	SNF4Agamma	42515	24648645	71
p38c-2	p38c	SNF4Agamma	42515	24648645	113
p38c-3	p38c	SNF4Agamma	42515	24648645	58
p38c-4	p38c	SNF4Agamma	42515	24648645	84
Vector-US-1	Vector	CG8149	41137	21355863	63
Vector-US-1	Vector	iPLA2-VIA	39160	45550585	62
p38a-2	p38a	iPLA2-VIA	39160	45550585	32

p38c-3	p38c	iPLA2-VIA	39160	45550585	162
p38c-4	p38c	iPLA2-VIA	39160	45550585	80
Vector-US-1	Vector	CG8552	34109	20129359	61
Vector-OS-1	Vector	CG8552	34109	20129359	84
p38a-1	p38a	CG8552	34109	20129359	42
Vector-US-1	Vector	RpS10b	32953	19920344	61
Vector-US-2	Vector	RpS10b	32953	19920344	96
Vector-US-3	Vector	RpS10b	32953	19920344	140
Vector-US-4	Vector	RpS10b	32953	19920344	86
Vector-HS-1	Vector	RpS10b	32953	19920344	139
Vector-OS-1	Vector	RpS10b	32953	19920344	69
Mef2-US-1	Mef2	RpS10b	32953	19920344	64
Mef2-US-2	Mef2	RpS10b	32953	19920344	69
p38a-1	p38a	RpS10b	32953	19920344	83
p38a-2	p38a	RpS10b	32953	19920344	55
p38a-3	p38a	RpS10b	32953	19920344	70
p38a-4	p38a	RpS10b	32953	19920344	102
p38b-1	p38b	RpS10b	32953	19920344	72
p38c-1	p38c	RpS10b	32953	19920344	89
p38c-2	p38c	RpS10b	32953	19920344	128
p38c-3	p38c	RpS10b	32953	19920344	59
p38c-4	p38c	RpS10b	32953	19920344	94
Vector-US-1	Vector	PNUTS	33270	62471401	61
Vector-OS-1	Vector	PNUTS	33270	62471401	64
p38a-2	p38a	PNUTS	33270	62471399	63
p38c-3	p38c	PNUTS	33270	62471401	51
p38c-4	p38c	PNUTS	33270	62471401	60
Vector-US-1	Vector	CG1440	31776	24640588	61
p38a-1	p38a	CG1440	31776	24640588	76
p38a-3	p38a	CG1440	31776	24640588	59
Vector-US-1	Vector	Prosbeta2	39628	24664391	60
Vector-US-3	Vector	Prosbeta2	39628	24664391	105
Vector-US-4	Vector	Prosbeta2	39628	24664391	91
Vector-OS-1	Vector	Prosbeta2	39628	24664391	60
p38a-2	p38a	Prosbeta2	39628	24664391	37
p38a-4	p38a	Prosbeta2	39628	24664391	112
p38b-1	p38b	Prosbeta2	39628	24664391	54
p38c-3	p38c	Prosbeta2	39628	24664391	85
Vector-US-1	Vector	Sod2	36878	17136812	60
Vector-US-1	Vector	Strn-Mlck	36753	24653966	60
Vector-US-1	Vector	2-Sep	42438	17738071	59
Vector-US-4	Vector	2-Sep	42438	17738071	69
Vector-OS-3	Vector	2-Sep	42438	17738071	72
p38b-3	p38b	2-Sep	42438	17738071	111
p38b-4	p38b	2-Sep	42438	17738071	88
p38c-1	p38c	2-Sep	42438	17738071	63
p38c-2	p38c	2-Sep	42438	17738071	64

p38c-3	p38c	2-Sep	42438	17738071	67
Vector-US-1	Vector	Sgt	35052	24584835	58
Vector-US-1	Vector	Rm62	40739	24644479	58
Vector-US-2	Vector	Rm62	40739	24644479	755
Vector-US-3	Vector	Rm62	40739	24644479	649
Vector-US-4	Vector	Rm62	40739	24644479	620
Vector-HS-1	Vector	Rm62	40739	24644479	261
Vector-OS-1	Vector	Rm62	40739	24644481	692
Vector-OS-2	Vector	Rm62	40739	24644479	58
Vector-OS-3	Vector	Rm62	40739	24644479	91
Mef2-US-1	Mef2	Rm62	40739	24644479	206
Mef2-US-2	Mef2	Rm62	40739	24644479	119
p38a-1	p38a	Rm62	40739	24644479	460
p38a-2	p38a	Rm62	40739	24644479	640
p38a-3	p38a	Rm62	40739	24644479	575
p38a-4	p38a	Rm62	40739	24644479	531
p38b-1	p38b	Rm62	40739	24644479	170
p38b-3	p38b	Rm62	40739	24644479	111
p38b-4	p38b	Rm62	40739	24644479	133
p38c-1	p38c	Rm62	40739	24644479	391
p38c-2	p38c	Rm62	40739	24644479	431
p38c-3	p38c	Rm62	40739	24644479	284
p38c-4	p38c	Rm62	40739	24644479	689
Vector-US-1	Vector	CycT	39961	24666004	58
Vector-US-2	Vector	CycT	39961	24666004	59
Vector-US-4	Vector	CycT	39961	24666004	112
Vector-OS-1	Vector	CycT	39961	24666004	109
p38c-3	p38c	CycT	39961	24666004	62
Vector-US-1	Vector	CG3902	40059	24666513	57
Vector-US-1	Vector	rept	40092	17737635	57
Vector-US-2	Vector	rept	40092	17737635	47
Vector-OS-1	Vector	rept	40092	17737635	54
p38a-4	p38a	rept	40092	17737635	97
p38b-3	p38b	rept	40092	17737635	46
p38c-2	p38c	rept	40092	17737635	90
p38c-3	p38c	rept	40092	17737635	107
p38c-4	p38c	rept	40092	17737635	126
Vector-US-1	Vector	fs(1)h	31722	24640482	56
Vector-US-1	Vector	Mov34	37894	24762618	56
Vector-US-3	Vector	Mov34	37894	24762618	99
p38a-1	p38a	Mov34	37894	24762618	79
p38a-2	p38a	Mov34	37894	24762618	44
p38b-2	p38b	Mov34	37894	24762618	46
p38b-3	p38b	Mov34	37894	24762618	66
p38b-4	p38b	Mov34	37894	24762618	122
p38c-1	p38c	Mov34	37894	24762618	107
p38c-2	p38c	Mov34	37894	24762618	87

p38c-3	p38c	Mov34	37894	24762618	88
p38c-4	p38c	Mov34	37894	24762618	131
Vector-US-1	Vector	Rad23	43785	24638591	56
Vector-OS-2	Vector	Rad23	43785	24638591	79
Vector-US-1	Vector	Aats-lys	31904	24640849	56
Vector-US-3	Vector	Aats-lys	31904	24640849	106
Vector-US-4	Vector	Aats-lys	31904	24640849	122
Vector-HS-1	Vector	Aats-lys	31904	24640849	99
Vector-OS-1	Vector	Aats-lys	31904	24640851	408
Mef2-US-2	Mef2	Aats-lys	31904	24640849	129
p38a-2	p38a	Aats-lys	31904	24640849	38
p38c-1	p38c	Aats-lys	31904	24640849	76
p38c-2	p38c	Aats-lys	31904	24640849	67
Vector-US-1	Vector	GM130	37524	24657676	55
Vector-OS-1	Vector	GM130	37524	24657676	81
Vector-US-1	Vector	prtp	32124	18859803	55
Vector-OS-1	Vector	prtp	32124	18859803	58
Vector-OS-3	Vector	prtp	32124	18859803	45
p38a-4	p38a	prtp	32124	18859803	60
p38c-1	p38c	prtp	32124	18859803	91
p38c-2	p38c	prtp	32124	18859803	92
p38c-3	p38c	prtp	32124	18859803	95
p38c-4	p38c	prtp	32124	18859803	62
Vector-US-1	Vector	Bre1	38652	24658707	54
Vector-US-1	Vector	CG14346	33325	20129153	54
Vector-US-1	Vector	CG9302	34750	24584105	54
Vector-US-2	Vector	CG9302	34750	24584105	238
Vector-US-3	Vector	CG9302	34750	24584105	167
Vector-US-4	Vector	CG9302	34750	24584105	181
Vector-HS-1	Vector	CG9302	34750	24584105	94
Vector-OS-1	Vector	CG9302	34750	24584105	365
Vector-OS-2	Vector	CG9302	34750	24584105	62
Vector-OS-3	Vector	CG9302	34750	24584105	99
Mef2-US-1	Mef2	CG9302	34750	24584105	107
Mef2-US-2	Mef2	CG9302	34750	24584105	66
p38a-1	p38a	CG9302	34750	24584105	295
p38a-2	p38a	CG9302	34750	24584105	233
p38a-3	p38a	CG9302	34750	24584105	68
p38a-4	p38a	CG9302	34750	24584105	297
p38b-2	p38b	CG9302	34750	24584105	84
p38c-1	p38c	CG9302	34750	24584105	131
p38c-2	p38c	CG9302	34750	24584105	198
p38c-3	p38c	CG9302	34750	24584105	61
p38c-4	p38c	CG9302	34750	24584105	155
Vector-US-1	Vector	RpS20	42464	17738077	53
Vector-US-2	Vector	RpS20	42464	17738077	90
Vector-US-3	Vector	RpS20	42464	17738077	101

Vector-US-4	Vector	RpS20	42464	17738077	105
Vector-HS-1	Vector	RpS20	42464	17738077	101
Vector-OS-1	Vector	RpS20	42464	17738077	105
p38a-2	p38a	RpS20	42464	17738077	78
p38a-3	p38a	RpS20	42464	17738077	95
p38b-1	p38b	RpS20	42464	17738077	70
p38b-3	p38b	RpS20	42464	17738077	52
p38b-4	p38b	RpS20	42464	17738077	54
p38c-1	p38c	RpS20	42464	17738077	105
p38c-2	p38c	RpS20	42464	17738077	64
p38c-3	p38c	RpS20	42464	17738077	72
p38c-4	p38c	RpS20	42464	17738077	64
Vector-US-1	Vector	Rpb5	36160	19922004	53
Vector-US-4	Vector	Rpb5	36160	19922004	82
p38c-2	p38c	Rpb5	36160	19922004	88
p38c-3	p38c	Rpb5	36160	19922004	95
Vector-US-1	Vector	CG17168	3354996	62862214	53
Vector-US-2	Vector	CG17168	3354996	62862214	53
Vector-US-3	Vector	CG17168	3354996	62862214	49
Vector-OS-1	Vector	CG17168	3354996	62862214	46
p38a-2	p38a	CG17168	3354996	62862214	53
p38a-3	p38a	CG17168	3354996	62862214	63
p38a-4	p38a	CG17168	3354996	62862214	53
Vector-US-1	Vector	DppIII	40996	24645047	53
p38c-4	p38c	DppIII	40996	24645047	48
Vector-US-1	Vector	Su(fu)	41565	24646369	52
Vector-US-3	Vector	Su(fu)	41565	24646369	91
p38a-1	p38a	Su(fu)	41565	24646369	119
p38a-2	p38a	Su(fu)	41565	24646369	125
Vector-US-1	Vector	CG3415	32582	18859837	52
Vector-US-1	Vector	dUTPase	34529	19921126	52
Vector-US-1	Vector	CG5844	41533	21357171	51
Vector-US-1	Vector	CG33722	3772658	78706698	51
Vector-US-1	Vector	NUCB1	39978	24666096	50
Vector-US-2	Vector	NUCB1	39978	24666096	271
Vector-US-3	Vector	NUCB1	39978	24666096	161
Vector-OS-1	Vector	NUCB1	39978	24666096	50
p38a-1	p38a	NUCB1	39978	24666096	92
p38c-1	p38c	NUCB1	39978	24666096	52
p38c-4	p38c	NUCB1	39978	24666096	55
Vector-US-1	Vector	CG5174	37117	24655017	50
Vector-US-2	Vector	CG5174	37117	24655017	49
Vector-US-4	Vector	CG5174	37117	24655017	88
Vector-HS-1	Vector	CG5174	37117	24655017	46
Vector-OS-1	Vector	CG5174	37117	24655017	178
p38a-1	p38a	CG5174	37117	24655026	31
Vector-US-1	Vector	CG14438	31615	24640211	50

Vector-US-1	Vector	pyd3	40916	21358471	50
Vector-US-4	Vector	pyd3	40916	21358471	99
p38a-2	p38a	pyd3	40916	21358471	49
p38c-2	p38c	pyd3	40916	21358471	50
Vector-US-1	Vector	vig	34885	17737419	49
Vector-US-2	Vector	vig	34885	17737419	72
Vector-US-3	Vector	vig	34885	17737419	165
Vector-HS-1	Vector	vig	34885	17737419	100
Vector-OS-1	Vector	vig	34885	17737419	294
Mef2-US-1	Mef2	vig	34885	17737419	57
Mef2-US-2	Mef2	vig	34885	17737419	78
p38a-4	p38a	vig	34885	17737419	47
p38b-1	p38b	vig	34885	17737419	55
p38b-3	p38b	vig	34885	17737419	56
p38c-2	p38c	vig	34885	17737419	106
p38c-4	p38c	vig	34885	17737419	90
Vector-US-1	Vector	Srp54k	38593	17647949	49
p38a-4	p38a	Srp54k	38593	17647949	55
p38b-2	p38b	Srp54k	38593	17647949	68
Vector-US-1	Vector	HspB8	32955	19920346	49
Vector-US-1	Vector	CG31601	318835	24585747	48
Vector-US-4	Vector	CG31601	318835	24585747	55
Vector-OS-1	Vector	CG31601	318835	24585747	52
Vector-US-1	Vector	shu	45360	19922844	48
Vector-US-1	Vector	CG5706	42888	21355211	48
Vector-US-1	Vector	PPP4R2r	31979	24641032	47
Vector-US-4	Vector	PPP4R2r	31979	24641032	45
Vector-US-1	Vector	RpS15	36851	19922390	47
Vector-US-4	Vector	RpS15	36851	19922390	46
p38b-4	p38b	RpS15	36851	19922390	59
Vector-US-1	Vector	Rpn11	33738	19920728	47
Vector-US-3	Vector	Rpn11	33738	19920728	52
Vector-US-4	Vector	Rpn11	33738	19920728	53
Vector-OS-1	Vector	Rpn11	33738	19920728	56
p38a-1	p38a	Rpn11	33738	19920728	43
p38b-4	p38b	Rpn11	33738	19920728	48
Vector-US-1	Vector	Tal	37804	45549185	47
Vector-US-1	Vector	eIF-5A	37846	19922878	46
Vector-US-3	Vector	eIF-5A	37846	19922878	76
p38a-1	p38a	eIF-5A	37846	19922878	37
p38a-2	p38a	eIF-5A	37846	19922878	63
p38a-3	p38a	eIF-5A	37846	19922878	73
p38b-1	p38b	eIF-5A	37846	19922878	60
p38c-4	p38c	eIF-5A	37846	19922878	66
Vector-US-1	Vector	Zw	32974	24643350	46
Vector-US-4	Vector	Zw	32974	24643350	79
p38c-4	p38c	Zw	32974	24643350	54

Vector-US-1	Vector	CG1703	32112	24641342	46
Vector-US-2	Vector	CG1703	32112	24641342	115
Vector-US-3	Vector	CG1703	32112	24641342	52
Mef2-US-2	Mef2	CG1703	32112	24641342	103
p38a-1	p38a	CG1703	32112	24641342	68
p38c-1	p38c	CG1703	32112	24641342	94
Vector-US-1	Vector	RpL23A	38208	24655502	46
Vector-HS-1	Vector	RpL23A	38208	24655502	97
Vector-OS-1	Vector	RpL23A	38208	24655502	220
Mef2-US-2	Mef2	RpL23A	38208	24655502	55
p38c-1	p38c	RpL23A	38208	24655502	47
p38c-2	p38c	RpL23A	38208	24655502	60
p38c-3	p38c	RpL23A	38208	24655502	57
Vector-US-1	Vector	Rpn9	42802	24649395	46
Vector-US-2	Vector	Rpn9	42802	24649395	222
Vector-US-3	Vector	Rpn9	42802	24649395	229
Vector-US-4	Vector	Rpn9	42802	24649395	105
Vector-OS-1	Vector	Rpn9	42802	24649395	68
Vector-OS-3	Vector	Rpn9	42802	24649395	87
p38a-1	p38a	Rpn9	42802	24649395	218
p38a-2	p38a	Rpn9	42802	24649395	200
p38a-3	p38a	Rpn9	42802	24649395	90
p38a-4	p38a	Rpn9	42802	24649395	106
p38b-1	p38b	Rpn9	42802	24649395	108
p38b-2	p38b	Rpn9	42802	24649395	95
p38b-3	p38b	Rpn9	42802	24649395	166
p38b-4	p38b	Rpn9	42802	24649395	185
p38c-1	p38c	Rpn9	42802	24649395	91
p38c-2	p38c	Rpn9	42802	24649395	172
p38c-3	p38c	Rpn9	42802	24649395	135
p38c-4	p38c	Rpn9	42802	24649395	191
Vector-US-1	Vector	Dap160	35378	17137488	46
p38a-4	p38a	Dap160	35378	17137488	69
Vector-US-1	Vector	Su(var)3-9	41843	24647046	46
Vector-US-2	Vector	Su(var)3-9	41843	24647046	68
Vector-US-4	Vector	Su(var)3-9	41843	24647046	116
Vector-HS-1	Vector	Su(var)3-9	41843	24647046	56
Vector-OS-1	Vector	Su(var)3-9	41843	24647046	52
p38a-1	p38a	Su(var)3-9	41843	24647046	55
p38a-3	p38a	Su(var)3-9	41843	24647046	58
Vector-US-1	Vector	CG7546	38844	24660188	45
p38c-3	p38c	CG7546	38844	24660188	72
Vector-US-1	Vector	CG8036	41027	24645119	45
Vector-US-3	Vector	CG8036	41027	24645119	75
p38b-3	p38b	CG8036	41027	24645119	52
Vector-US-1	Vector	CG17768	3772012	78706862	44
Vector-US-3	Vector	CG17768	3772012	78706862	47

p38a-2	p38a	CG17768	3772012	78706862	41
p38a-3	p38a	CG17768	3772012	78706862	61
p38a-4	p38a	CG17768	3772012	78706862	47
p38c-4	p38c	CG17768	3772012	78706862	48
Vector-US-1	Vector	CG10289	38714	24659210	44
p38c-2	p38c	CG10289	38714	24659210	48
p38c-4	p38c	CG10289	38714	24659210	64
Vector-US-1	Vector	svr	30998	45553847	44
Mef2-US-2	Mef2	svr	30998	45553847	46
p38a-1	p38a	svr	30998	45553847	44
p38a-2	p38a	svr	30998	45553847	45
Vector-US-1	Vector	mod(mdg4)	49228	24648706	44
p38a-2	p38a	mod(mdg4)	49228	24648706	49
Vector-US-1	Vector	alc	35931	20129813	44
Vector-US-1	Vector	l(2)37Cb	35192	19921526	44
Vector-US-1	Vector	Clic	32349	18859677	43
p38c-3	p38c	Clic	32349	18859677	59
Vector-US-1	Vector	Pect	34716	45550973	43
p38c-4	p38c	Pect	34716	19921220	56
Vector-US-1	Vector	HIP-R	31335	24639561	43
Vector-US-1	Vector	Aats-thr	45784	24583839	43
Vector-US-4	Vector	Aats-thr	45784	24583839	51
Vector-US-1	Vector	Chc	32537	17137000	43
Vector-US-4	Vector	Chc	32537	17137000	111
Vector-HS-1	Vector	Chc	32537	17137000	224
Vector-OS-1	Vector	Chc	32537	17137000	338
Vector-OS-3	Vector	Chc	32537	17137000	141
Mef2-US-2	Mef2	Chc	32537	17137000	105
p38a-2	p38a	Chc	32537	17137000	38
p38c-2	p38c	Chc	32537	17137000	112
p38c-3	p38c	Chc	32537	17137000	170
Vector-US-1	Vector	CG17737	38398	21357193	43
Vector-US-1	Vector	His4:CG33881	3772129	78707094	43
Vector-US-1	Vector	CG13900	38093	24654874	43
p38c-2	p38c	CG13900	38093	19923020	76
Vector-US-1	Vector	sqh	31554	17530815	43
Vector-US-2	Vector	sqh	31554	17530815	101
Vector-US-1	Vector	Myo28B1	53515	281364565	42
Vector-US-1	Vector	ytr	47457	19922846	42
Vector-US-2	Vector	ytr	47457	19922846	83
Vector-US-3	Vector	ytr	47457	19922846	75
Mef2-US-2	Mef2	ytr	47457	19922846	87
p38a-2	p38a	ytr	47457	19922846	154
p38a-3	p38a	ytr	47457	19922846	119
Vector-US-1	Vector	LvpH	35824	45549022	42
Vector-US-1	Vector	CG9769	40587	24644059	42
Vector-US-4	Vector	CG9769	40587	24644059	91

p38a-2	p38a	CG9769	40587	24644059	84
p38a-3	p38a	CG9769	40587	24644059	91
p38a-4	p38a	CG9769	40587	24644059	52
p38b-3	p38b	CG9769	40587	24644059	132
p38c-1	p38c	CG9769	40587	24644059	86
p38c-2	p38c	CG9769	40587	24644059	68
p38c-4	p38c	CG9769	40587	24644059	48
Vector-US-1	Vector	CG8963	36913	19922420	42
Vector-US-1	Vector	CG5787	34684	24583962	42
Vector-US-2	Vector	CG5787	34684	24583962	146
Vector-OS-1	Vector	CG5787	34684	24583962	165
p38a-2	p38a	CG5787	34684	24583962	166
p38c-1	p38c	CG5787	34684	24583962	45
p38c-4	p38c	CG5787	34684	24583962	196
Vector-US-1	Vector	wtrw	40931	24644919	41
Vector-US-1	Vector	Sec61beta	46080	21356199	41
Vector-US-2	Vector	Sec61beta	46080	21356199	49
Vector-OS-1	Vector	Sec61beta	46080	21356199	83
p38c-2	p38c	Sec61beta	46080	21356199	93
Vector-US-1	Vector	Mcm3	31449	24639835	41
Vector-US-2	Vector	Mcm3	31449	24639835	48
Vector-US-4	Vector	Mcm3	31449	24639835	90
p38a-3	p38a	Mcm3	31449	24639835	95
p38c-3	p38c	Mcm3	31449	24639835	53
p38c-4	p38c	Mcm3	31449	24639835	51
Vector-US-1	Vector	CG4030	37395	19922664	40
p38c-1	p38c	CG4030	37395	19922664	50
Vector-US-1	Vector	Tango7	36565	19922220	40
Vector-US-2	Vector	Tango7	36565	19922220	160
Vector-US-3	Vector	Tango7	36565	19922220	176
Vector-US-4	Vector	Tango7	36565	19922220	190
Vector-OS-1	Vector	Tango7	36565	19922220	114
p38a-2	p38a	Tango7	36565	19922220	60
p38a-3	p38a	Tango7	36565	19922220	52
p38b-1	p38b	Tango7	36565	19922220	32
p38b-2	p38b	Tango7	36565	19922220	84
p38b-4	p38b	Tango7	36565	19922220	109
p38c-1	p38c	Tango7	36565	19922220	140
p38c-2	p38c	Tango7	36565	19922220	195
p38c-3	p38c	Tango7	36565	19922220	173
p38c-4	p38c	Tango7	36565	19922220	115
Vector-US-1	Vector	CG14722	41419	28571655	40
Vector-US-1	Vector	CG33978	3885646	85724738	39
p38b-1	p38b	CG33978	3885646	85724738	36
Vector-US-1	Vector	CG7692	39934	45550640	39
Vector-US-2	Vector	CG7692	39934	45550640	56
Vector-US-4	Vector	CG7692	39934	45550640	67

Vector-OS-1	Vector	CG7692	39934	45550640	97
p38a-2	p38a	CG7692	39934	45550640	85
p38c-1	p38c	CG7692	39934	45550640	120
p38c-2	p38c	CG7692	39934	45550640	94
p38c-3	p38c	CG7692	39934	45550640	109
p38c-4	p38c	CG7692	39934	45550640	153
Vector-US-1	Vector	RpS17	39088	17647889	39
Vector-US-3	Vector	RpS17	39088	17647889	87
Vector-US-4	Vector	RpS17	39088	17647889	154
Vector-HS-1	Vector	RpS17	39088	17647889	85
Vector-OS-1	Vector	RpS17	39088	17647889	180
Vector-OS-2	Vector	RpS17	39088	17647889	52
Vector-OS-3	Vector	RpS17	39088	17647889	59
Mef2-US-1	Mef2	RpS17	39088	17647889	46
Mef2-US-2	Mef2	RpS17	39088	17647889	49
p38a-4	p38a	RpS17	39088	17647889	50
p38b-4	p38b	RpS17	39088	17647889	106
p38c-1	p38c	RpS17	39088	17647889	174
p38c-2	p38c	RpS17	39088	17647889	208
p38c-3	p38c	RpS17	39088	17647889	110
p38c-4	p38c	RpS17	39088	17647889	134
Vector-US-1	Vector	pen	33112	17737375	38
Vector-US-1	Vector	Moe	31816	24640670	38
p38a-3	p38a	Moe	31816	24640670	59
p38c-1	p38c	Moe	31816	24640670	57
p38c-2	p38c	Moe	31816	24640670	50
Vector-US-1	Vector	RpL7A	31588	17530825	38
Vector-OS-1	Vector	RpL7A	31588	17530825	114
Mef2-US-2	Mef2	RpL7A	31588	17530825	46
Vector-US-1	Vector	eIF3-S10	40563	24643988	38
Vector-US-2	Vector	eIF3-S10	40563	24643988	226
Vector-US-3	Vector	eIF3-S10	40563	24643988	117
Vector-US-4	Vector	eIF3-S10	40563	24643988	115
Vector-HS-1	Vector	eIF3-S10	40563	24643988	221
Vector-OS-1	Vector	eIF3-S10	40563	24643988	492
Mef2-US-2	Mef2	eIF3-S10	40563	24643988	130
p38a-2	p38a	eIF3-S10	40563	24643988	70
p38a-3	p38a	eIF3-S10	40563	24643988	196
p38b-3	p38b	eIF3-S10	40563	24643988	87
p38c-1	p38c	eIF3-S10	40563	24643988	116
p38c-2	p38c	eIF3-S10	40563	24643988	113
p38c-4	p38c	eIF3-S10	40563	24643988	144
Vector-US-1	Vector	CG15086	37150	221330397	38
Vector-US-1	Vector	Men	47173	24646386	37
Vector-US-3	Vector	Men	47173	24646386	102
Vector-US-4	Vector	Men	47173	24646386	62
p38a-1	p38a	Men	47173	24646386	49

Vector-US-1	Vector	eIF-1A	44260	24647907	37
Vector-US-2	Vector	eIF-1A	44260	24647907	94
Vector-US-4	Vector	eIF-1A	44260	24647907	102
Vector-OS-1	Vector	eIF-1A	44260	24647907	85
Mef2-US-1	Mef2	eIF-1A	44260	24647907	104
p38a-2	p38a	eIF-1A	44260	24647907	120
p38a-3	p38a	eIF-1A	44260	24647907	104
p38a-4	p38a	eIF-1A	44260	24647907	56
p38b-1	p38b	eIF-1A	44260	24647907	106
p38b-3	p38b	eIF-1A	44260	24647907	104
p38c-1	p38c	eIF-1A	44260	24647907	113
p38c-2	p38c	eIF-1A	44260	24647907	116
p38c-3	p38c	eIF-1A	44260	24647907	115
p38c-4	p38c	eIF-1A	44260	24647907	52
Vector-US-1	Vector	melt	38785	62472042	37
p38a-2	p38a	melt	38785	62472042	33
Vector-US-1	Vector	exba	40680	17737777	37
Mef2-US-2	Mef2	exba	40680	17737777	99
p38a-2	p38a	exba	40680	17737777	47
p38b-4	p38b	exba	40680	17737777	53
p38c-3	p38c	exba	40680	17737777	45
p38c-4	p38c	exba	40680	17737777	45
Vector-US-1	Vector	Mcm7	39014	17647617	36
Vector-US-4	Vector	Mcm7	39014	17647617	73
p38b-4	p38b	Mcm7	39014	17647617	84
p38c-2	p38c	Mcm7	39014	17647617	81
p38c-3	p38c	Mcm7	39014	17647617	82
p38c-4	p38c	Mcm7	39014	17647617	66
Vector-US-1	Vector	CG5028	43102	24650122	36
Vector-US-1	Vector	Dcr-1	42693	17738129	36
Vector-US-1	Vector	Cp1	36546	24653514	36
Vector-US-2	Vector	Cp1	36546	24653514	95
Vector-US-3	Vector	Cp1	36546	24653516	49
Vector-US-4	Vector	Cp1	36546	24653516	65
Vector-OS-1	Vector	Cp1	36546	24653516	172
Mef2-US-1	Mef2	Cp1	36546	24653516	50
p38a-2	p38a	Cp1	36546	24653516	54
p38a-4	p38a	Cp1	36546	24653516	77
p38b-1	p38b	Cp1	36546	24653516	43
p38c-3	p38c	Cp1	36546	24653516	48
p38c-4	p38c	Cp1	36546	24653516	55
Vector-US-1	Vector	CG7928	43566	24651265	36
Vector-US-3	Vector	CG7928	43566	24651265	54
Vector-US-1	Vector	CG9281	32508	18859989	36
Vector-US-1	Vector	Rh4	39887	17136434	36
p38a-1	p38a	Rh4	39887	17136434	34
p38a-2	p38a	Rh4	39887	17136434	39

Vector-US-1	Vector	eIF-4E	45525	17864468	35
Vector-US-2	Vector	eIF-4E	45525	17864468	52
Mef2-US-1	Mef2	eIF-4E	45525	17864468	59
p38b-2	p38b	eIF-4E	45525	17864468	53
Vector-US-1	Vector	CG14480	36988	24654462	35
Vector-US-1	Vector	CG32556	32748	24642834	35
Vector-US-1	Vector	Rbp2	49809	24642533	35
Vector-US-2	Vector	Rbp2	49809	45555736	241
Vector-US-3	Vector	Rbp2	49809	24642533	207
Vector-US-4	Vector	Rbp2	49809	24642533	81
Vector-HS-1	Vector	Rbp2	49809	45555736	47
Vector-OS-1	Vector	Rbp2	49809	45555736	276
Mef2-US-1	Mef2	Rbp2	49809	24642533	103
Mef2-US-2	Mef2	Rbp2	49809	24642533	160
p38a-1	p38a	Rbp2	49809	24642533	54
p38a-3	p38a	Rbp2	49809	24642533	137
p38a-4	p38a	Rbp2	49809	24642533	112
p38b-1	p38b	Rbp2	49809	24642533	37
p38c-1	p38c	Rbp2	49809	45555736	178
p38c-2	p38c	Rbp2	49809	45555736	160
p38c-4	p38c	Rbp2	49809	45555736	116
Vector-US-1	Vector	deltaCOP	45250	21355081	35
Vector-US-2	Vector	deltaCOP	45250	21355081	69
Vector-OS-1	Vector	deltaCOP	45250	21355081	52
p38a-1	p38a	deltaCOP	45250	21355081	41
p38a-4	p38a	deltaCOP	45250	21355081	106
p38c-3	p38c	deltaCOP	45250	21355081	132
Vector-US-1	Vector	pont	53439	21358125	35
Vector-US-4	Vector	pont	53439	21358125	92
Vector-OS-1	Vector	pont	53439	21358125	89
p38a-2	p38a	pont	53439	21358125	36
p38b-3	p38b	pont	53439	21358125	47
p38b-4	p38b	pont	53439	21358125	63
p38c-2	p38c	pont	53439	21358125	63
p38c-3	p38c	pont	53439	21358125	53
p38c-4	p38c	pont	53439	21358125	173
Vector-US-1	Vector	NAT1	46020	85725014	34
Vector-US-2	Vector	NAT1	46020	85725014	231
Vector-US-3	Vector	NAT1	46020	85725014	156
Vector-US-4	Vector	NAT1	46020	85725014	99
Vector-US-1	Vector	CG17724	246682	28573836	34
Vector-US-1	Vector	CG1951	43423	21358011	34
Vector-US-1	Vector	chif	34974	24584601	34
Vector-US-1	Vector	l(1)G0156	32940	24643268	34
Vector-US-2	Vector	l(1)G0156	32940	24643268	76
Vector-OS-1	Vector	l(1)G0156	32940	24643268	64
p38c-2	p38c	l(1)G0156	32940	24643268	55

p38c-4	p38c	l(1)G0156	32940	24643268	110
Vector-US-1	Vector	CG9338	35357	24585535	34
Vector-US-1	Vector	pav	38515	17136974	34
p38a-1	p38a	pav	38515	17136974	37
p38b-1	p38b	pav	38515	17136974	34
Vector-US-1	Vector	Top1	32458	24642136	34
Vector-US-4	Vector	Top1	32458	24642136	76
Vector-OS-1	Vector	Top1	32458	24642136	130
Vector-US-1	Vector	beta-Spec	32746	17647191	34
Vector-US-1	Vector	alphaCop	38199	17137608	33
Vector-US-2	Vector	alphaCop	38199	17137608	365
Vector-US-3	Vector	alphaCop	38199	17137608	143
Vector-US-4	Vector	alphaCop	38199	17137608	174
Vector-OS-1	Vector	alphaCop	38199	17137608	158
Vector-OS-2	Vector	alphaCop	38199	17137608	46
Mef2-US-2	Mef2	alphaCop	38199	17137608	76
p38a-1	p38a	alphaCop	38199	17137608	50
p38a-2	p38a	alphaCop	38199	17137608	45
p38a-3	p38a	alphaCop	38199	17137608	98
p38a-4	p38a	alphaCop	38199	17137608	162
p38b-1	p38b	alphaCop	38199	17137608	47
p38c-1	p38c	alphaCop	38199	17137608	57
p38c-2	p38c	alphaCop	38199	17137608	90
p38c-3	p38c	alphaCop	38199	17137608	62
p38c-4	p38c	alphaCop	38199	17137608	254
Vector-US-1	Vector	SMC2	36653	19922276	33
Vector-US-3	Vector	SMC2	36653	19922276	97
Vector-US-4	Vector	SMC2	36653	19922276	126
Vector-OS-1	Vector	SMC2	36653	19922276	73
p38a-4	p38a	SMC2	36653	19922276	112
p38c-2	p38c	SMC2	36653	19922276	84
p38c-3	p38c	SMC2	36653	19922276	210
p38c-4	p38c	SMC2	36653	19922276	176
Vector-US-1	Vector	CG30263	37473	221330511	33
Vector-US-1	Vector	CG16974	34713	24584026	33
Vector-US-1	Vector	Dif	35045	281365129	32
Vector-US-1	Vector	ran	44072	21356159	32
Vector-US-3	Vector	ran	44072	21356159	111
Vector-HS-1	Vector	ran	44072	21356159	66
p38a-2	p38a	ran	44072	21356159	38
p38c-4	p38c	ran	44072	21356159	46
Vector-US-1	Vector	Cat	40048	17981717	32
Vector-US-2	Vector	Cat	40048	17981717	217
p38a-2	p38a	Cat	40048	17981717	81
p38b-1	p38b	Cat	40048	17981717	31
p38c-1	p38c	Cat	40048	17981717	53
p38c-2	p38c	Cat	40048	17981717	88

p38c-4	p38c	Cat	40048	17981717	142
Vector-US-1	Vector	CG9346	37381	19922658	32
Vector-US-1	Vector	Rtnl1	33721	28574660	32
Vector-US-1	Vector	CG32479	38103	24654914	31
Vector-OS-1	Vector	CG32479	38103	24654914	45
Vector-US-1	Vector	CG30122	37146	22024201	31
Vector-US-2	Vector	CG30122	37146	22024201	91
Vector-US-4	Vector	CG30122	37146	22024201	209
Vector-OS-1	Vector	CG30122	37146	22024201	276
p38c-3	p38c	CG30122	37146	22024201	94
p38c-4	p38c	CG30122	37146	22024201	191
Vector-US-1	Vector	skd	43906	17864210	31
Vector-US-1	Vector	Rrp4	37731	24762324	31
Vector-US-1	Vector	kon	35104	281365168	30
Vector-US-1	Vector	Dscam	35652	116007560	30
Vector-US-1	Vector	Mi-2	40170	24667055	30
Vector-OS-3	Vector	Mi-2	40170	24667055	65
p38b-4	p38b	Mi-2	40170	24667055	182
p38c-1	p38c	Mi-2	40170	24667055	71
p38c-2	p38c	Mi-2	40170	24667055	77
p38c-3	p38c	Mi-2	40170	24667055	104
p38c-4	p38c	Mi-2	40170	24667055	83
Vector-US-1	Vector	CG6227	32464	24642151	30
Vector-US-1	Vector	alpha-Adaptin	33211	28574818	30
Vector-US-4	Vector	alpha-Adaptin	33211	28574818	89
Vector-OS-1	Vector	alpha-Adaptin	33211	28574818	65
p38a-3	p38a	alpha-Adaptin	33211	28574818	77
Vector-US-1	Vector	SIP2	36332	24652946	29
Vector-US-2	Vector	Act42A	35526	17647133	433
Vector-US-3	Vector	Act42A	35526	17647133	316
Vector-US-4	Vector	Act42A	35526	17647133	427
Vector-OS-1	Vector	Act42A	35526	17647133	369
Mef2-US-1	Mef2	Act42A	35526	17647133	266
Mef2-US-2	Mef2	Act42A	35526	17647133	130
p38a-2	p38a	Act42A	35526	17647133	393
p38a-3	p38a	Act42A	35526	17647133	319
p38c-1	p38c	Act42A	35526	17647133	310
p38c-4	p38c	Act42A	35526	17647133	317
Vector-US-2	Vector	CG4389	34276	24583077	287
Vector-US-3	Vector	CG4389	34276	24583077	258
Mef2-US-1	Mef2	CG4389	34276	24583077	145
p38a-1	p38a	CG4389	34276	24583077	116
p38a-2	p38a	CG4389	34276	19921000	71
p38a-3	p38a	CG4389	34276	19921000	51
p38b-1	p38b	CG4389	34276	19921000	33
p38b-2	p38b	CG4389	34276	19921000	64
p38c-1	p38c	CG4389	34276	19921000	108

p38c-2	p38c	CG4389	34276	19921000	98
p38c-3	p38c	CG4389	34276	19921000	105
p38c-4	p38c	CG4389	34276	24583077	371
Vector-US-2	Vector	CG14476	49953	21357605	275
Vector-US-3	Vector	CG14476	49953	21357605	65
Vector-US-4	Vector	CG14476	49953	21357605	134
Mef2-US-1	Mef2	CG14476	49953	21357605	48
p38a-1	p38a	CG14476	49953	21357605	60
Vector-US-2	Vector	Pros28.1	32584	17933602	264
Vector-US-3	Vector	Pros28.1	32584	17933602	198
Vector-US-4	Vector	Pros28.1	32584	17933602	222
Vector-HS-1	Vector	Pros28.1	32584	17933602	100
Vector-OS-1	Vector	Pros28.1	32584	17933602	143
p38a-1	p38a	Pros28.1	32584	17933602	164
p38a-2	p38a	Pros28.1	32584	17933602	222
p38a-3	p38a	Pros28.1	32584	17933602	214
p38a-4	p38a	Pros28.1	32584	17933602	184
p38b-1	p38b	Pros28.1	32584	17933602	43
p38b-4	p38b	Pros28.1	32584	17933602	74
p38c-1	p38c	Pros28.1	32584	17933602	247
p38c-2	p38c	Pros28.1	32584	17933602	114
p38c-3	p38c	Pros28.1	32584	17933602	246
p38c-4	p38c	Pros28.1	32584	17933602	232
Vector-US-2	Vector	betaTub60D	37888	22024031	250
Vector-OS-1	Vector	betaTub60D	37888	22024031	202
p38c-3	p38c	betaTub60D	37888	22024031	199
p38c-4	p38c	betaTub60D	37888	22024031	209
Vector-US-2	Vector	Pep	45961	17864514	219
Vector-US-4	Vector	Pep	45961	17864514	88
Vector-OS-1	Vector	Pep	45961	17864514	256
Mef2-US-2	Mef2	Pep	45961	17864514	51
p38a-1	p38a	Pep	45961	17864514	38
p38a-2	p38a	Pep	45961	17864514	144
p38a-4	p38a	Pep	45961	17864514	46
p38b-3	p38b	Pep	45961	17864514	52
p38c-1	p38c	Pep	45961	17864514	158
p38c-2	p38c	Pep	45961	17864514	98
p38c-3	p38c	Pep	45961	17864514	54
p38c-4	p38c	Pep	45961	17864514	103
Vector-US-2	Vector	Ssb-c31a	34120	17137156	213
Vector-US-3	Vector	Ssb-c31a	34120	17137156	209
Vector-US-4	Vector	Ssb-c31a	34120	17137156	176
Vector-HS-1	Vector	Ssb-c31a	34120	17137156	269
Vector-OS-1	Vector	Ssb-c31a	34120	17137156	110
Mef2-US-1	Mef2	Ssb-c31a	34120	17137156	207
Mef2-US-2	Mef2	Ssb-c31a	34120	17137156	155
p38a-1	p38a	Ssb-c31a	34120	17137156	128

p38a-2	p38a	Ssb-c31a	34120	17137156	157
p38a-3	p38a	Ssb-c31a	34120	17137156	203
p38a-4	p38a	Ssb-c31a	34120	17137156	137
p38b-2	p38b	Ssb-c31a	34120	17137156	79
p38b-3	p38b	Ssb-c31a	34120	17137156	72
p38c-1	p38c	Ssb-c31a	34120	17137156	180
p38c-2	p38c	Ssb-c31a	34120	17137156	177
p38c-3	p38c	Ssb-c31a	34120	17137156	219
p38c-4	p38c	Ssb-c31a	34120	17137156	167
Vector-US-2	Vector	CG7878	40959	21355075	188
Vector-US-3	Vector	CG7878	40959	21355075	159
p38a-1	p38a	CG7878	40959	21355075	116
p38a-3	p38a	CG7878	40959	21355075	109
p38a-4	p38a	CG7878	40959	21355075	112
p38b-1	p38b	CG7878	40959	21355075	66
p38b-4	p38b	CG7878	40959	21355075	50
p38c-1	p38c	CG7878	40959	21355075	74
p38c-2	p38c	CG7878	40959	21355075	81
p38c-3	p38c	CG7878	40959	21355075	89
p38c-4	p38c	CG7878	40959	21355075	150
Vector-US-2	Vector	CG5746	42903	24649638	185
Vector-US-3	Vector	CG5746	42903	24649638	174
Vector-HS-1	Vector	CG5746	42903	24649638	136
p38b-3	p38b	CG5746	42903	24649638	135
p38c-2	p38c	CG5746	42903	24649638	133
p38c-4	p38c	CG5746	42903	24649638	144
Vector-US-2	Vector	nito	35756	19921778	182
Vector-US-3	Vector	nito	35756	19921778	102
Vector-US-4	Vector	nito	35756	19921778	152
Vector-OS-1	Vector	nito	35756	19921778	245
Vector-OS-2	Vector	nito	35756	19921778	49
p38a-1	p38a	nito	35756	19921778	55
p38a-2	p38a	nito	35756	19921778	52
p38a-3	p38a	nito	35756	19921778	74
p38a-4	p38a	nito	35756	19921778	108
p38c-1	p38c	nito	35756	19921778	131
p38c-2	p38c	nito	35756	19921778	157
p38c-3	p38c	nito	35756	19921778	58
p38c-4	p38c	nito	35756	19921778	130
Vector-US-2	Vector	Gdh	42832	24649460	170
Vector-US-4	Vector	Gdh	42832	24649460	75
p38a-1	p38a	Gdh	42832	45553475	43
p38a-4	p38a	Gdh	42832	45553475	56
p38c-2	p38c	Gdh	42832	24649460	67
p38c-4	p38c	Gdh	42832	24649460	104
Vector-US-2	Vector	Aly	44029	21356157	165
Vector-US-4	Vector	Aly	44029	21356157	306

Vector-OS-1	Vector	Aly	44029	21356157	224
Vector-OS-3	Vector	Aly	44029	21356157	57
p38a-1	p38a	Aly	44029	21356157	143
p38a-2	p38a	Aly	44029	21356157	170
p38a-4	p38a	Aly	44029	21356157	125
p38b-4	p38b	Aly	44029	21356157	76
p38c-1	p38c	Aly	44029	21356157	249
p38c-2	p38c	Aly	44029	21356157	132
p38c-3	p38c	Aly	44029	21356157	74
p38c-4	p38c	Aly	44029	21356157	252
Vector-US-2	Vector	xl6	33967	24582360	163
Vector-US-3	Vector	xl6	33967	24582360	120
Vector-US-4	Vector	xl6	33967	24582360	79
Vector-OS-1	Vector	xl6	33967	24582360	253
Vector-OS-2	Vector	xl6	33967	24582360	106
Mef2-US-2	Mef2	xl6	33967	24582360	105
p38a-1	p38a	xl6	33967	24582360	57
p38a-2	p38a	xl6	33967	24582360	103
p38a-3	p38a	xl6	33967	24582360	45
p38a-4	p38a	xl6	33967	24582360	51
p38c-1	p38c	xl6	33967	24582360	84
p38c-4	p38c	xl6	33967	24582360	58
Vector-US-2	Vector	apt	37734	17137234	157
Vector-US-4	Vector	apt	37734	17137234	69
Vector-OS-1	Vector	apt	37734	17137234	66
Vector-US-2	Vector	Pros26	39855	17737605	154
Vector-US-3	Vector	Pros26	39855	17737605	51
Vector-US-4	Vector	Pros26	39855	17737605	110
Vector-OS-1	Vector	Pros26	39855	17737605	55
p38a-2	p38a	Pros26	39855	17737605	134
p38a-3	p38a	Pros26	39855	17737605	49
p38a-4	p38a	Pros26	39855	17737605	177
p38b-1	p38b	Pros26	39855	17737605	85
p38b-2	p38b	Pros26	39855	17737605	150
p38b-4	p38b	Pros26	39855	17737605	146
p38c-1	p38c	Pros26	39855	17737605	60
p38c-3	p38c	Pros26	39855	17737605	202
p38c-4	p38c	Pros26	39855	17737605	108
Vector-US-2	Vector	Rbp1	41294	24645765	145
Vector-US-4	Vector	Rbp1	41294	24645765	98
Vector-OS-1	Vector	Rbp1	41294	24645765	110
p38a-1	p38a	Rbp1	41294	24645765	109
p38b-4	p38b	Rbp1	41294	24645765	146
p38c-1	p38c	Rbp1	41294	24645765	107
p38c-2	p38c	Rbp1	41294	24645765	96
p38c-3	p38c	Rbp1	41294	24645765	115
p38c-4	p38c	Rbp1	41294	24645765	114

Vector-US-2	Vector	Jafrac1	53578	17157991	144
Vector-US-3	Vector	Jafrac1	53578	17157991	150
Vector-US-4	Vector	Jafrac1	53578	17157991	113
Vector-OS-1	Vector	Jafrac1	53578	17157991	49
Mef2-US-1	Mef2	Jafrac1	53578	17157991	145
p38a-2	p38a	Jafrac1	53578	17157991	190
p38a-3	p38a	Jafrac1	53578	17157991	93
p38a-4	p38a	Jafrac1	53578	17157991	141
p38b-1	p38b	Jafrac1	53578	17157991	33
p38c-1	p38c	Jafrac1	53578	17157991	88
p38c-2	p38c	Jafrac1	53578	17157991	122
p38c-4	p38c	Jafrac1	53578	17157991	105
Vector-US-2	Vector	CG10527	37393	20130199	143
Vector-US-3	Vector	CG10527	37393	20130199	145
p38a-2	p38a	CG10527	37393	20130199	112
p38c-1	p38c	CG10527	37393	20130199	99
p38c-2	p38c	CG10527	37393	20130199	53
p38c-3	p38c	CG10527	37393	20130199	55
p38c-4	p38c	CG10527	37393	20130199	84
Vector-US-2	Vector	RpS8	43532	24651181	142
Vector-US-3	Vector	RpS8	43532	24651181	155
Vector-US-4	Vector	RpS8	43532	24651181	128
Vector-HS-1	Vector	RpS8	43532	24651181	331
Vector-OS-1	Vector	RpS8	43532	24651181	374
Vector-OS-2	Vector	RpS8	43532	24651181	52
Mef2-US-2	Mef2	RpS8	43532	24651181	82
p38a-1	p38a	RpS8	43532	24651181	74
p38a-2	p38a	RpS8	43532	24651181	156
p38a-3	p38a	RpS8	43532	24651181	160
p38a-4	p38a	RpS8	43532	24651181	190
p38c-1	p38c	RpS8	43532	24651181	171
p38c-2	p38c	RpS8	43532	24651181	223
p38c-3	p38c	RpS8	43532	24651181	145
p38c-4	p38c	RpS8	43532	24651181	192
Vector-US-2	Vector	RpS19a	32635	17647891	138
Vector-US-3	Vector	RpS19a	32635	17647891	154
Vector-HS-1	Vector	RpS19a	32635	17647891	156
Vector-OS-1	Vector	RpS19a	32635	17647891	164
p38a-1	p38a	RpS19a	32635	17647891	96
p38a-2	p38a	RpS19a	32635	17647891	108
p38b-3	p38b	RpS19a	32635	17647891	98
p38c-1	p38c	RpS19a	32635	17647891	53
p38c-2	p38c	RpS19a	32635	17647891	49
p38c-3	p38c	RpS19a	32635	17647891	53
p38c-4	p38c	RpS19a	32635	17647891	49
Vector-US-2	Vector	CG7920	43562	21358615	137
Vector-US-3	Vector	CG7920	43562	21358615	163

Vector-US-4	Vector	CG7920	43562	21358615	110
Mef2-US-1	Mef2	CG7920	43562	21358615	56
p38a-2	p38a	CG7920	43562	21358615	174
p38a-4	p38a	CG7920	43562	21358615	51
p38b-2	p38b	CG7920	43562	21358615	76
p38c-2	p38c	CG7920	43562	21358615	47
p38c-3	p38c	CG7920	43562	21358615	62
p38c-4	p38c	CG7920	43562	21358615	116
Vector-US-2	Vector	RpS7	43594	21358459	136
Vector-US-3	Vector	RpS7	43594	21358459	71
Vector-US-4	Vector	RpS7	43594	21358459	103
Vector-OS-1	Vector	RpS7	43594	21358459	114
Vector-OS-2	Vector	RpS7	43594	21358459	76
p38a-1	p38a	RpS7	43594	21358459	65
p38a-2	p38a	RpS7	43594	21358459	69
p38a-4	p38a	RpS7	43594	21358459	56
p38b-3	p38b	RpS7	43594	21358459	94
p38b-4	p38b	RpS7	43594	21358459	163
p38c-1	p38c	RpS7	43594	21358459	114
p38c-2	p38c	RpS7	43594	21358459	100
p38c-3	p38c	RpS7	43594	21358459	96
p38c-4	p38c	RpS7	43594	21358459	87
Vector-US-2	Vector	CG4447	39067	24661488	135
Vector-US-3	Vector	CG4447	39067	24661488	330
Vector-US-4	Vector	CG4447	39067	24661488	49
Vector-OS-1	Vector	CG4447	39067	24661488	130
Mef2-US-1	Mef2	CG4447	39067	24661488	109
p38a-1	p38a	CG4447	39067	24661488	212
p38a-2	p38a	CG4447	39067	24661488	113
p38a-3	p38a	CG4447	39067	24661488	134
p38a-4	p38a	CG4447	39067	24661488	54
p38b-1	p38b	CG4447	39067	24661488	82
p38c-1	p38c	CG4447	39067	24661488	83
p38c-2	p38c	CG4447	39067	24661488	86
p38c-4	p38c	CG4447	39067	24661488	108
Vector-US-2	Vector	Prosalpha7	36018	24652204	134
Vector-US-3	Vector	Prosalpha7	36018	24652204	127
Vector-US-4	Vector	Prosalpha7	36018	24652204	169
Vector-HS-1	Vector	Prosalpha7	36018	24652204	57
p38a-1	p38a	Prosalpha7	36018	24652204	121
p38a-2	p38a	Prosalpha7	36018	24652204	121
p38a-3	p38a	Prosalpha7	36018	24652204	185
p38a-4	p38a	Prosalpha7	36018	24652204	83
p38b-4	p38b	Prosalpha7	36018	24652204	49
p38c-1	p38c	Prosalpha7	36018	24652204	110
p38c-3	p38c	Prosalpha7	36018	24652204	267
p38c-4	p38c	Prosalpha7	36018	24652204	162

Vector-US-2	Vector	CG34439	5740593	161077031	130
Vector-US-3	Vector	CG34439	5740593	161077031	118
Vector-US-4	Vector	CG34439	5740593	161077031	47
Mef2-US-1	Mef2	CG34439	5740593	161077031	99
p38a-2	p38a	CG34439	5740593	161077031	109
p38b-1	p38b	CG34439	5740593	161077031	64
Vector-US-2	Vector	Cbp80	44409	24639719	125
Vector-US-2	Vector	Cam	36329	17647231	121
Vector-US-3	Vector	Cam	36329	17647231	52
Vector-US-4	Vector	Cam	36329	17647231	120
Vector-HS-1	Vector	Cam	36329	17647231	46
Vector-OS-3	Vector	Cam	36329	17647231	82
p38a-1	p38a	Cam	36329	17647231	45
p38a-3	p38a	Cam	36329	17647231	75
p38c-1	p38c	Cam	36329	17647231	50
p38c-3	p38c	Cam	36329	17647231	82
p38c-4	p38c	Cam	36329	17647231	98
Vector-US-2	Vector	CG10077	38756	28574962	117
p38a-1	p38a	CG10077	38756	28574962	120
p38a-2	p38a	CG10077	38756	28574962	101
p38a-3	p38a	CG10077	38756	28574962	143
p38a-4	p38a	CG10077	38756	28574962	103
p38b-1	p38b	CG10077	38756	28574962	40
p38b-4	p38b	CG10077	38756	28574962	47
p38c-4	p38c	CG10077	38756	28574962	121
Vector-US-2	Vector	Nurf-38	37922	45549187	114
Vector-US-4	Vector	Nurf-38	37922	45549187	51
p38a-1	p38a	Nurf-38	37922	45549187	38
Vector-US-2	Vector	Sod	39251	17136496	111
Vector-US-3	Vector	Sod	39251	17136496	59
Vector-US-2	Vector	SF2	53443	21358097	111
Vector-US-3	Vector	SF2	53443	21358097	67
Vector-US-4	Vector	SF2	53443	21358097	88
Vector-OS-1	Vector	SF2	53443	21358097	188
p38a-1	p38a	SF2	53443	21358097	90
p38a-2	p38a	SF2	53443	21358097	117
p38a-4	p38a	SF2	53443	21358097	49
p38b-1	p38b	SF2	53443	21358097	38
p38c-2	p38c	SF2	53443	21358097	96
p38c-4	p38c	SF2	53443	21358097	177
Vector-US-2	Vector	Hrb27C	33968	17136728	110
p38c-1	p38c	Hrb27C	33968	17136728	152
p38c-2	p38c	Hrb27C	33968	17136728	125
p38c-3	p38c	Hrb27C	33968	17136728	66
p38c-4	p38c	Hrb27C	33968	17136728	124
Vector-US-2	Vector	cathD	45268	21355083	110
Vector-US-3	Vector	cathD	45268	21355083	59

Vector-US-4	Vector	cathD	45268	21355083	56
p38a-1	p38a	cathD	45268	21355083	56
p38a-2	p38a	cathD	45268	21355083	64
Vector-US-2	Vector	RpL40	33629	17136570	109
Vector-US-3	Vector	RpL40	33629	17136570	151
Vector-US-4	Vector	RpL40	33629	17136570	126
p38a-1	p38a	RpL40	33629	17136570	63
p38a-2	p38a	RpL40	33629	17136570	152
p38a-3	p38a	RpL40	33629	17136570	136
p38b-2	p38b	RpL40	33629	17136570	63
Vector-US-2	Vector	Thiolase	37784	17137578	107
p38a-1	p38a	Thiolase	37784	17137578	68
p38c-4	p38c	Thiolase	37784	17137578	61
Vector-US-2	Vector	pnut	35801	17137038	105
Vector-US-3	Vector	pnut	35801	17137038	48
Vector-US-4	Vector	pnut	35801	17137038	127
Vector-HS-1	Vector	pnut	35801	17137038	70
Vector-OS-1	Vector	pnut	35801	17137038	90
p38a-2	p38a	pnut	35801	17137038	80
p38a-3	p38a	pnut	35801	17137038	75
p38a-4	p38a	pnut	35801	17137038	85
p38b-2	p38b	pnut	35801	17137038	68
p38b-4	p38b	pnut	35801	17137038	55
p38c-2	p38c	pnut	35801	17137038	56
p38c-3	p38c	pnut	35801	17137038	62
Vector-US-2	Vector	RpL12	45329	17864452	105
Vector-US-3	Vector	RpL12	45329	17864452	252
Vector-US-4	Vector	RpL12	45329	17864452	47
Vector-HS-1	Vector	RpL12	45329	17864452	110
Vector-OS-1	Vector	RpL12	45329	17864452	127
Vector-OS-2	Vector	RpL12	45329	17864452	69
Vector-OS-3	Vector	RpL12	45329	17864452	60
Mef2-US-2	Mef2	RpL12	45329	17864452	110
p38a-1	p38a	RpL12	45329	17864452	48
p38a-2	p38a	RpL12	45329	17864452	44
p38a-3	p38a	RpL12	45329	17864452	78
p38a-4	p38a	RpL12	45329	17864452	136
p38c-1	p38c	RpL12	45329	17864452	144
p38c-3	p38c	RpL12	45329	17864452	53
p38c-4	p38c	RpL12	45329	17864452	137
Vector-US-2	Vector	glo	41431	24646105	104
Vector-OS-1	Vector	glo	41431	24646105	140
p38a-2	p38a	glo	41431	24646105	55
p38c-2	p38c	glo	41431	24646105	70
Vector-US-2	Vector	CG17331	34999	20129563	104
Vector-US-3	Vector	CG17331	34999	20129563	55
Vector-US-4	Vector	CG17331	34999	20129563	82

Vector-HS-1	Vector	CG17331	34999	20129563	48
p38a-1	p38a	CG17331	34999	20129563	116
p38a-3	p38a	CG17331	34999	20129563	52
p38a-4	p38a	CG17331	34999	20129563	75
p38b-1	p38b	CG17331	34999	20129563	85
p38b-2	p38b	CG17331	34999	20129563	65
p38b-4	p38b	CG17331	34999	20129563	71
p38c-1	p38c	CG17331	34999	20129563	77
p38c-2	p38c	CG17331	34999	20129563	70
p38c-3	p38c	CG17331	34999	20129563	125
p38c-4	p38c	CG17331	34999	20129563	146
Vector-US-2	Vector	RpS4	39484	24663668	101
Vector-US-3	Vector	RpS4	39484	24663668	156
Vector-US-4	Vector	RpS4	39484	24663668	124
Vector-HS-1	Vector	RpS4	39484	24663668	232
Vector-OS-1	Vector	RpS4	39484	24663668	217
Mef2-US-2	Mef2	RpS4	39484	24663668	72
p38a-1	p38a	RpS4	39484	24663668	98
p38a-3	p38a	RpS4	39484	24663668	201
p38c-1	p38c	RpS4	39484	24663668	57
p38c-2	p38c	RpS4	39484	24663668	104
p38c-3	p38c	RpS4	39484	24663668	93
p38c-4	p38c	RpS4	39484	24663668	46
Vector-US-2	Vector	Ufd1-like	39254	17737561	100
Vector-US-4	Vector	Ufd1-like	39254	17737561	98
Mef2-US-1	Mef2	Ufd1-like	39254	17737561	92
p38a-1	p38a	Ufd1-like	39254	17737561	110
p38a-2	p38a	Ufd1-like	39254	17737561	89
p38a-4	p38a	Ufd1-like	39254	17737561	105
p38b-2	p38b	Ufd1-like	39254	17737561	67
p38c-1	p38c	Ufd1-like	39254	17737561	72
p38c-2	p38c	Ufd1-like	39254	17737561	87
Vector-US-2	Vector	mRpL55	42290	21356717	94
p38a-1	p38a	mRpL55	42290	21356717	67
Vector-US-2	Vector	RpL9	34526	17137198	92
Vector-US-4	Vector	RpL9	34526	17137198	94
Vector-OS-1	Vector	RpL9	34526	17137198	63
Vector-US-2	Vector	CG13779	50428	21358401	92
Vector-US-3	Vector	CG13779	50428	21358401	61
Vector-US-4	Vector	CG13779	50428	21358401	83
Mef2-US-1	Mef2	CG13779	50428	21358401	58
p38a-2	p38a	CG13779	50428	21358401	84
p38a-3	p38a	CG13779	50428	21358401	57
p38c-3	p38c	CG13779	50428	21358401	70
p38c-4	p38c	CG13779	50428	21358401	83
Vector-US-2	Vector	CG8728	35748	19921772	91
Vector-US-2	Vector	CG6543	36536	20129971	89

Mef2-US-1	Mef2	CG6543	36536	20129971	232
Mef2-US-2	Mef2	CG6543	36536	20129971	76
Vector-US-2	Vector	eIF3-S9	36981	19922458	89
Vector-US-4	Vector	eIF3-S9	36981	19922458	108
Vector-OS-2	Vector	eIF3-S9	36981	19922458	55
Mef2-US-1	Mef2	eIF3-S9	36981	19922458	60
p38a-1	p38a	eIF3-S9	36981	19922458	41
p38a-2	p38a	eIF3-S9	36981	19922458	45
p38b-3	p38b	eIF3-S9	36981	19922458	49
p38b-4	p38b	eIF3-S9	36981	19922458	56
p38c-1	p38c	eIF3-S9	36981	19922458	49
p38c-2	p38c	eIF3-S9	36981	19922458	53
p38c-3	p38c	eIF3-S9	36981	19922458	57
p38c-4	p38c	eIF3-S9	36981	19922458	129
Vector-US-2	Vector	Fer1HCH	46415	17933722	88
Vector-US-4	Vector	Fer1HCH	46415	17933722	73
Vector-HS-1	Vector	Fer1HCH	46415	17933722	55
Vector-OS-1	Vector	Fer1HCH	46415	17933722	183
Vector-OS-2	Vector	Fer1HCH	46415	17933722	70
p38a-1	p38a	Fer1HCH	46415	17933722	65
p38a-2	p38a	Fer1HCH	46415	17933722	65
p38a-4	p38a	Fer1HCH	46415	17933722	73
p38c-1	p38c	Fer1HCH	46415	17933722	104
p38c-2	p38c	Fer1HCH	46415	17933722	84
p38c-3	p38c	Fer1HCH	46415	17933722	71
p38c-4	p38c	Fer1HCH	46415	17933722	177
Vector-US-2	Vector	CG8636	31243	24639372	87
Vector-US-3	Vector	CG8636	31243	24639372	84
Vector-US-4	Vector	CG8636	31243	24639372	141
Vector-HS-1	Vector	CG8636	31243	24639372	79
Vector-OS-1	Vector	CG8636	31243	24639372	159
Mef2-US-1	Mef2	CG8636	31243	24639372	48
p38a-1	p38a	CG8636	31243	24639372	51
p38a-2	p38a	CG8636	31243	24639372	98
p38a-3	p38a	CG8636	31243	24639372	88
p38a-4	p38a	CG8636	31243	24639372	137
p38c-1	p38c	CG8636	31243	24639372	161
p38c-2	p38c	CG8636	31243	24639372	87
p38c-3	p38c	CG8636	31243	24639372	178
p38c-4	p38c	CG8636	31243	24639372	153
Vector-US-2	Vector	RpS3	42761	17136324	87
Vector-US-3	Vector	RpS3	42761	17136324	55
Vector-US-4	Vector	RpS3	42761	17136324	89
Vector-HS-1	Vector	RpS3	42761	17136324	135
Vector-OS-1	Vector	RpS3	42761	17136324	189
Mef2-US-1	Mef2	RpS3	42761	17136324	48
Mef2-US-2	Mef2	RpS3	42761	17136324	91

p38a-2	p38a	RpS3	42761	17136324	81
p38a-3	p38a	RpS3	42761	17136324	76
p38c-1	p38c	RpS3	42761	17136324	123
p38c-2	p38c	RpS3	42761	17136324	74
p38c-4	p38c	RpS3	42761	17136324	48
Vector-US-2	Vector	RpL19	37995	17136322	84
Vector-US-3	Vector	RpL19	37995	17136322	152
Vector-US-4	Vector	RpL19	37995	17136322	93
Vector-HS-1	Vector	RpL19	37995	17136322	84
Vector-OS-1	Vector	RpL19	37995	17136322	146
p38a-1	p38a	RpL19	37995	17136322	81
p38c-1	p38c	RpL19	37995	17136322	94
p38c-2	p38c	RpL19	37995	17136322	115
p38c-3	p38c	RpL19	37995	17136322	93
p38c-4	p38c	RpL19	37995	17136322	58
Vector-US-2	Vector	Rip11	32850	281361079	83
Vector-US-3	Vector	Rip11	32850	281361079	97
Vector-HS-1	Vector	Rip11	32850	281361079	52
p38b-1	p38b	Rip11	32850	281361079	73
Vector-US-2	Vector	CG12909	36087	19921968	77
Vector-US-4	Vector	CG12909	36087	19921968	159
Vector-HS-1	Vector	CG12909	36087	19921968	46
Vector-OS-1	Vector	CG12909	36087	19921968	111
Vector-OS-2	Vector	CG12909	36087	19921968	49
Mef2-US-1	Mef2	CG12909	36087	19921968	47
p38a-1	p38a	CG12909	36087	19921968	59
p38a-2	p38a	CG12909	36087	19921968	141
p38a-4	p38a	CG12909	36087	19921968	95
p38b-2	p38b	CG12909	36087	19921968	60
p38c-1	p38c	CG12909	36087	19921968	204
p38c-2	p38c	CG12909	36087	19921968	122
p38c-3	p38c	CG12909	36087	19921968	48
p38c-4	p38c	CG12909	36087	19921968	143
Vector-US-2	Vector	Pros25	41531	17737927	76
Vector-US-3	Vector	Pros25	41531	17737927	138
Vector-US-4	Vector	Pros25	41531	17737927	92
Vector-HS-1	Vector	Pros25	41531	17737927	56
p38a-1	p38a	Pros25	41531	17737927	74
p38a-2	p38a	Pros25	41531	17737927	113
p38a-3	p38a	Pros25	41531	17737927	74
p38a-4	p38a	Pros25	41531	17737927	140
p38b-1	p38b	Pros25	41531	17737927	66
p38b-2	p38b	Pros25	41531	17737927	59
p38b-3	p38b	Pros25	41531	17737927	89
p38c-3	p38c	Pros25	41531	17737927	85
Vector-US-2	Vector	RpL23	37628	17647883	75
Vector-HS-1	Vector	RpL23	37628	17647883	85

Vector-OS-1	Vector	RpL23	37628	17647883	128
Vector-US-2	Vector	CG11777	36108	24652460	72
Vector-OS-1	Vector	CG11777	36108	24652460	87
Vector-OS-3	Vector	CG11777	36108	24652460	49
p38a-4	p38a	CG11777	36108	24652460	88
p38c-3	p38c	CG11777	36108	24652460	72
Vector-US-2	Vector	HmgZ	37480	24657271	72
Vector-US-3	Vector	HmgZ	37480	24657271	70
Vector-HS-1	Vector	HmgZ	37480	24657271	71
Vector-OS-1	Vector	HmgZ	37480	24657271	140
Mef2-US-1	Mef2	HmgZ	37480	24657271	63
Mef2-US-2	Mef2	HmgZ	37480	24657271	115
p38a-2	p38a	HmgZ	37480	24657271	58
p38a-3	p38a	HmgZ	37480	24657271	70
p38b-3	p38b	HmgZ	37480	24657271	130
p38c-1	p38c	HmgZ	37480	24657271	70
p38c-2	p38c	HmgZ	37480	24657271	67
p38c-3	p38c	HmgZ	37480	24657271	80
Vector-US-2	Vector	blw	37617	24658560	71
Vector-US-3	Vector	blw	37617	24658560	47
p38a-1	p38a	blw	37617	24658560	34
Vector-US-2	Vector	CSN4	35759	17137696	69
Vector-US-4	Vector	CSN4	35759	17137696	116
Vector-US-2	Vector	Gs1	33172	17136208	69
p38a-1	p38a	Gs1	33172	17136208	73
p38c-2	p38c	Gs1	33172	17136208	84
p38c-4	p38c	Gs1	33172	17136208	69
Vector-US-2	Vector	CG2046	40719	21357311	68
Vector-US-3	Vector	CG2046	40719	21357311	61
Vector-US-4	Vector	CG2046	40719	21357311	46
p38a-2	p38a	CG2046	40719	21357311	35
Vector-US-2	Vector	yata	43508	24651131	68
Vector-US-2	Vector	awd	43739	45549037	68
Vector-US-4	Vector	awd	43739	45549037	76
Vector-US-2	Vector	1-Sep	33114	17647925	67
Vector-US-2	Vector	26-29-p	39547	20428641	67
Vector-US-2	Vector	Rlip	42484	24648592	66
Vector-US-2	Vector	eIF-2alpha	32617	18860087	65
Vector-US-3	Vector	eIF-2alpha	32617	18860087	63
Vector-US-4	Vector	eIF-2alpha	32617	18860087	120
Vector-HS-1	Vector	eIF-2alpha	32617	18860087	71
p38a-1	p38a	eIF-2alpha	32617	18860087	44
p38a-2	p38a	eIF-2alpha	32617	18860087	60
p38a-3	p38a	eIF-2alpha	32617	18860087	95
p38c-3	p38c	eIF-2alpha	32617	18860087	55
p38c-4	p38c	eIF-2alpha	32617	18860087	58
Vector-US-2	Vector	CG3226	31597	18858119	65

Vector-OS-1	Vector	CG3226	31597	18858119	119
Vector-OS-2	Vector	CG3226	31597	18858119	102
p38a-1	p38a	CG3226	31597	18858119	77
p38a-2	p38a	CG3226	31597	18858119	38
Vector-US-2	Vector	l(3)76BDm	40140	24666879	65
Vector-US-2	Vector	CG8798	40138	24666867	64
Mef2-US-1	Mef2	CG8798	40138	24666867	74
p38b-4	p38b	CG8798	40138	24666867	66
p38c-2	p38c	CG8798	40138	24666867	55
p38c-3	p38c	CG8798	40138	24666867	68
p38c-4	p38c	CG8798	40138	24666867	86
Vector-US-2	Vector	CG10672	38598	21355319	64
Vector-US-3	Vector	CG10672	38598	21355319	136
Vector-US-4	Vector	CG10672	38598	21355319	159
Vector-OS-1	Vector	CG10672	38598	21355319	139
p38a-1	p38a	CG10672	38598	21355319	40
p38a-3	p38a	CG10672	38598	21355319	53
p38c-4	p38c	CG10672	38598	21355319	84
Vector-US-2	Vector	CG6480	40228	24667326	63
Vector-US-3	Vector	CG6480	40228	24667326	72
Vector-OS-1	Vector	CG6480	40228	24667326	72
p38a-1	p38a	CG6480	40228	24667326	81
p38a-3	p38a	CG6480	40228	24667326	77
p38a-4	p38a	CG6480	40228	24667326	50
p38b-1	p38b	CG6480	40228	24667326	47
p38b-2	p38b	CG6480	40228	24667326	59
p38c-1	p38c	CG6480	40228	24667326	78
p38c-4	p38c	CG6480	40228	24667326	74
Vector-US-2	Vector	CG8043	41030	24645123	63
Vector-US-2	Vector	CG6180	34683	24583960	62
Vector-US-3	Vector	CG6180	34683	24583960	48
Vector-US-4	Vector	CG6180	34683	24583960	47
p38a-1	p38a	CG6180	34683	24583960	53
p38b-4	p38b	CG6180	34683	24583960	50
p38c-2	p38c	CG6180	34683	24583960	61
Vector-US-2	Vector	alt	42127	21358555	61
Vector-US-4	Vector	alt	42127	21358555	101
Vector-OS-1	Vector	alt	42127	21358555	62
p38a-1	p38a	alt	42127	21358555	42
p38b-3	p38b	alt	42127	21358555	82
p38b-4	p38b	alt	42127	21358555	76
p38c-1	p38c	alt	42127	21358555	172
p38c-2	p38c	alt	42127	21358555	178
p38c-3	p38c	alt	42127	21358555	135
p38c-4	p38c	alt	42127	21358555	341
Vector-US-2	Vector	SmD1	44668	17864386	61
Vector-US-4	Vector	SmD1	44668	17864386	54

Vector-US-2	Vector	epsilonCOP	33908	19920832	60
Vector-US-4	Vector	epsilonCOP	33908	19920832	48
p38a-2	p38a	epsilonCOP	33908	19920832	61
Vector-US-2	Vector	TSG101	39881	17648053	59
p38a-2	p38a	TSG101	39881	17648053	46
Vector-US-2	Vector	Cnx99A	44643	17137190	59
Vector-US-2	Vector	Rnp4F	31448	24639833	58
p38b-4	p38b	Rnp4F	31448	24639833	124
p38c-2	p38c	Rnp4F	31448	24639833	87
p38c-3	p38c	Rnp4F	31448	24639833	107
p38c-4	p38c	Rnp4F	31448	24639833	60
Vector-US-2	Vector	l(2)k09913	37661	19922796	58
Vector-US-2	Vector	Pros29	37378	17136420	57
Vector-US-3	Vector	Pros29	37378	17136420	74
Vector-US-4	Vector	Pros29	37378	17136420	49
p38a-2	p38a	Pros29	37378	17136420	34
p38a-3	p38a	Pros29	37378	17136420	95
p38a-4	p38a	Pros29	37378	17136420	117
p38b-1	p38b	Pros29	37378	17136420	33
p38b-4	p38b	Pros29	37378	17136420	118
p38c-1	p38c	Pros29	37378	17136420	116
p38c-3	p38c	Pros29	37378	17136420	64
Vector-US-2	Vector	bsf	35100	24584970	57
Vector-US-2	Vector	CG1458	43459	21358227	57
Vector-US-2	Vector	RpS28b	31897	18858095	57
Vector-US-3	Vector	RpS28b	31897	18858095	116
Vector-US-4	Vector	RpS28b	31897	18858095	92
Vector-HS-1	Vector	RpS28b	31897	18858095	52
Vector-OS-1	Vector	RpS28b	31897	18858095	51
Vector-OS-2	Vector	RpS28b	31897	18858095	58
Vector-OS-3	Vector	RpS28b	31897	18858095	76
Mef2-US-1	Mef2	RpS28b	31897	18858095	64
p38a-1	p38a	RpS28b	31897	18858095	39
p38a-2	p38a	RpS28b	31897	18858095	105
p38a-3	p38a	RpS28b	31897	18858095	105
p38a-4	p38a	RpS28b	31897	18858095	114
p38c-1	p38c	RpS28b	31897	18858095	110
p38c-2	p38c	RpS28b	31897	18858095	105
p38c-3	p38c	RpS28b	31897	18858095	64
p38c-4	p38c	RpS28b	31897	18858095	65
Vector-US-2	Vector	l(2)35Df	48782	17864608	56
Vector-US-4	Vector	l(2)35Df	48782	17864608	56
Vector-US-2	Vector	CG11444	31388	18921125	55
Vector-US-3	Vector	CG11444	31388	18921125	110
Vector-US-4	Vector	CG11444	31388	18921125	54
Vector-OS-1	Vector	CG11444	31388	18921125	49
Mef2-US-1	Mef2	CG11444	31388	18921125	49

p38a-1	p38a	CG11444	31388	18921125	42
p38a-2	p38a	CG11444	31388	18921125	56
p38a-3	p38a	CG11444	31388	18921125	110
p38a-4	p38a	CG11444	31388	18921125	114
Vector-US-2	Vector	Prosbeta3	41079	21355629	54
Vector-HS-1	Vector	Prosbeta3	41079	21355629	78
p38a-3	p38a	Prosbeta3	41079	21355629	60
p38c-3	p38c	Prosbeta3	41079	21355629	125
Vector-US-2	Vector	CG10263	35256	19921556	52
Vector-OS-1	Vector	CG10263	35256	19921556	107
Mef2-US-2	Mef2	CG10263	35256	19921556	60
p38c-1	p38c	CG10263	35256	19921556	81
p38c-3	p38c	CG10263	35256	19921556	106
Vector-US-2	Vector	Aats-ile	45785	24668543	50
Vector-US-3	Vector	Aats-ile	45785	24668543	52
Vector-HS-1	Vector	Aats-ile	45785	24668543	169
Vector-OS-1	Vector	Aats-ile	45785	24668543	141
p38a-2	p38a	Aats-ile	45785	24668543	49
p38c-2	p38c	Aats-ile	45785	24668543	57
p38c-4	p38c	Aats-ile	45785	24668543	99
Vector-US-2	Vector	Hrb98DE	43385	17738267	49
Vector-US-2	Vector	RpS9	39108	24661707	49
Vector-US-4	Vector	RpS9	39108	24661707	53
Vector-HS-1	Vector	RpS9	39108	24661707	101
p38a-2	p38a	RpS9	39108	24661707	40
p38a-3	p38a	RpS9	39108	24661707	77
p38a-4	p38a	RpS9	39108	24661707	46
Vector-US-2	Vector	smt3	33981	17137634	48
Vector-US-3	Vector	smt3	33981	17137634	54
Vector-US-4	Vector	smt3	33981	17137634	56
Vector-US-2	Vector	RpL22	31022	17137152	47
Vector-HS-1	Vector	RpL22	31022	17137152	64
Vector-OS-1	Vector	RpL22	31022	17137152	49
p38a-4	p38a	RpL22	31022	17137152	55
p38b-3	p38b	RpL22	31022	17137152	56
Vector-US-2	Vector	SmB	34426	17136806	47
Vector-OS-1	Vector	SmB	34426	17136806	49
p38a-1	p38a	SmB	34426	17136806	40
p38a-4	p38a	SmB	34426	17136806	106
Vector-US-2	Vector	larp	53567	281362724	47
Vector-OS-1	Vector	larp	53567	281362724	250
p38a-3	p38a	larp	53567	24650800	102
p38b-1	p38b	larp	53567	24650800	31
p38c-2	p38c	larp	53567	281362724	77
Vector-US-2	Vector	RpS27	43039	24649976	47
Vector-OS-1	Vector	RpS27	43039	24649976	54
p38a-1	p38a	RpS27	43039	24649976	54

p38c-1	p38c	RpS27	43039	24649976	49
Vector-US-2	Vector	SmD3	36306	24652901	47
Vector-US-2	Vector	Manf	41983	17137698	47
p38a-1	p38a	Manf	41983	17137698	33
Vector-US-2	Vector	Aldh	34256	20129399	46
p38a-1	p38a	Aldh	34256	20129399	33
p38b-1	p38b	Aldh	34256	20129399	43
Vector-US-3	Vector	Hsp68	42852	17738165	249
Mef2-US-1	Mef2	Hsp68	42852	17738165	263
Mef2-US-2	Mef2	Hsp68	42852	17738165	398
p38c-3	p38c	Hsp68	42852	17738165	240
Vector-US-3	Vector	Act87E	48632	17137090	233
p38b-3	p38b	Act87E	48632	17137090	46
Vector-US-3	Vector	Prosbeta7	40639	24644201	214
Vector-US-4	Vector	Prosbeta7	40639	24644201	164
Vector-HS-1	Vector	Prosbeta7	40639	24644201	58
p38a-1	p38a	Prosbeta7	40639	24644201	100
p38a-2	p38a	Prosbeta7	40639	24644201	66
p38a-3	p38a	Prosbeta7	40639	24644201	108
p38a-4	p38a	Prosbeta7	40639	24644201	162
p38b-2	p38b	Prosbeta7	40639	24644201	176
p38b-3	p38b	Prosbeta7	40639	24644201	92
p38b-4	p38b	Prosbeta7	40639	24644201	68
p38c-1	p38c	Prosbeta7	40639	24644201	59
p38c-3	p38c	Prosbeta7	40639	24644201	231
p38c-4	p38c	Prosbeta7	40639	24644201	262
Vector-US-3	Vector	poly	41641	24646530	129
p38c-2	p38c	poly	41641	24646530	54
p38c-4	p38c	poly	41641	24646530	89
Vector-US-3	Vector	glu	35001	24584683	124
p38a-2	p38a	glu	35001	24584683	87
p38a-3	p38a	glu	35001	24584683	92
p38b-3	p38b	glu	35001	24584683	46
p38b-4	p38b	glu	35001	24584683	176
p38c-2	p38c	glu	35001	24584683	94
p38c-3	p38c	glu	35001	24584683	290
p38c-4	p38c	glu	35001	24584683	153
Vector-US-3	Vector	Prosalph5	36951	24654389	121
Vector-US-4	Vector	Prosalph5	36951	24654389	119
p38a-1	p38a	Prosalph5	36951	24654389	110
p38a-2	p38a	Prosalph5	36951	24654389	76
p38a-3	p38a	Prosalph5	36951	24654389	145
p38a-4	p38a	Prosalph5	36951	24654389	77
p38b-1	p38b	Prosalph5	36951	24654389	55
p38b-4	p38b	Prosalph5	36951	24654389	103
p38c-2	p38c	Prosalph5	36951	24654389	67
p38c-3	p38c	Prosalph5	36951	24654389	92

Vector-US-3	Vector	sls	44013	161080703	121
p38a-2	p38a	sls	44013	161080703	72
p38a-3	p38a	sls	44013	161080703	98
p38c-2	p38c	sls	44013	161080703	81
p38c-4	p38c	sls	44013	161080703	61
Vector-US-3	Vector	Prosbeta1	46058	24653999	113
Vector-US-4	Vector	Prosbeta1	46058	24653999	79
Vector-HS-1	Vector	Prosbeta1	46058	24653999	81
p38a-1	p38a	Prosbeta1	46058	24653999	65
p38a-2	p38a	Prosbeta1	46058	24653999	93
p38a-3	p38a	Prosbeta1	46058	24653999	80
p38b-1	p38b	Prosbeta1	46058	24653999	39
p38b-4	p38b	Prosbeta1	46058	24653999	64
p38c-2	p38c	Prosbeta1	46058	24653999	101
p38c-3	p38c	Prosbeta1	46058	24653999	155
p38c-4	p38c	Prosbeta1	46058	24653999	163
Vector-US-3	Vector	CG10777	31707	18857967	97
Vector-US-3	Vector	Cdc37	38232	17136940	94
Vector-US-4	Vector	Cdc37	38232	17136940	69
p38b-4	p38b	Cdc37	38232	17136940	105
p38c-1	p38c	Cdc37	38232	17136940	120
p38c-2	p38c	Cdc37	38232	17136940	80
p38c-3	p38c	Cdc37	38232	17136940	166
p38c-4	p38c	Cdc37	38232	17136940	159
Vector-US-3	Vector	oho23B	33487	24581262	92
Vector-OS-3	Vector	oho23B	33487	24581262	67
Vector-US-3	Vector	RpS25	41343	24645865	91
Vector-OS-1	Vector	RpS25	41343	24645865	45
Mef2-US-2	Mef2	RpS25	41343	24645865	45
p38a-3	p38a	RpS25	41343	24645865	52
p38b-1	p38b	RpS25	41343	24645865	96
p38c-1	p38c	RpS25	41343	24645865	48
p38c-3	p38c	RpS25	41343	24645865	45
p38c-4	p38c	RpS25	41343	24645865	47
Vector-US-3	Vector	CG16903	31178	18921115	90
Vector-US-3	Vector	Zasp52	36740	281363453	85
Vector-OS-1	Vector	Zasp52	36740	281363453	165
Vector-US-3	Vector	RpS23	36576	22024141	81
Vector-HS-1	Vector	RpS23	36576	22024141	85
Vector-OS-1	Vector	RpS23	36576	22024141	96
Vector-OS-2	Vector	RpS23	36576	22024141	69
p38a-1	p38a	RpS23	36576	22024141	78
p38a-2	p38a	RpS23	36576	22024141	102
p38a-3	p38a	RpS23	36576	22024141	91
p38a-4	p38a	RpS23	36576	22024141	113
p38c-1	p38c	RpS23	36576	22024141	84
p38c-2	p38c	RpS23	36576	22024141	73

p38c-4	p38c	RpS23	36576	22024141	96
Vector-US-3	Vector	Rsf1	34370	24583292	77
Vector-US-3	Vector	RpS26	35098	17647893	77
Vector-HS-1	Vector	RpS26	35098	17647893	52
Vector-OS-1	Vector	RpS26	35098	17647893	110
Vector-OS-3	Vector	RpS26	35098	17647893	69
p38a-3	p38a	RpS26	35098	17647893	51
p38b-3	p38b	RpS26	35098	17647893	46
Vector-US-3	Vector	RpS5a	32700	17647897	76
Vector-OS-1	Vector	RpS5a	32700	17647897	107
Vector-OS-2	Vector	RpS5a	32700	17647897	52
p38b-3	p38b	RpS5a	32700	17647897	86
p38b-4	p38b	RpS5a	32700	17647897	115
Vector-US-3	Vector	CG13350	36551	20129975	75
Vector-US-4	Vector	CG13350	36551	20129975	83
p38b-4	p38b	CG13350	36551	20129975	66
p38c-1	p38c	CG13350	36551	20129975	82
p38c-2	p38c	CG13350	36551	20129975	74
p38c-3	p38c	CG13350	36551	20129975	84
p38c-4	p38c	CG13350	36551	20129975	75
Vector-US-3	Vector	ldh	44291	24660849	75
Vector-US-4	Vector	ldh	44291	21356561	63
Vector-OS-1	Vector	ldh	44291	21356561	100
p38c-3	p38c	ldh	44291	21356561	68
Vector-US-3	Vector	Rbp1-like	32293	24641772	71
Vector-HS-1	Vector	Rbp1-like	32293	24641772	51
Mef2-US-1	Mef2	Rbp1-like	32293	24641772	63
p38a-2	p38a	Rbp1-like	32293	24641772	66
p38a-3	p38a	Rbp1-like	32293	24641772	59
p38a-4	p38a	Rbp1-like	32293	24641772	63
p38b-1	p38b	Rbp1-like	32293	24641772	119
p38b-3	p38b	Rbp1-like	32293	24641772	59
Vector-US-3	Vector	cno	40620	24644125	71
p38a-2	p38a	cno	40620	24644125	57
p38c-4	p38c	cno	40620	24644125	72
Vector-US-3	Vector	Rack1	34070	17137396	71
Vector-US-4	Vector	Rack1	34070	17137396	53
Vector-OS-1	Vector	Rack1	34070	17137396	84
p38a-3	p38a	Rack1	34070	17137396	108
p38b-2	p38b	Rack1	34070	17137396	56
p38c-3	p38c	Rack1	34070	17137396	53
Vector-US-3	Vector	CG30115	37134	281363682	70
Vector-US-3	Vector	AP-50	42642	24649014	63
Vector-OS-1	Vector	AP-50	42642	24649014	74
Vector-US-3	Vector	Fip1	40569	24644016	62
Vector-US-4	Vector	Fip1	40569	24644016	66
Vector-OS-3	Vector	Fip1	40569	24644016	64

p38a-2	p38a	Fip1	40569	24644016	59
p38a-3	p38a	Fip1	40569	24644016	63
p38a-4	p38a	Fip1	40569	24644016	64
p38b-3	p38b	Fip1	40569	24644016	103
p38b-4	p38b	Fip1	40569	24644016	58
p38c-1	p38c	Fip1	40569	24644016	64
p38c-2	p38c	Fip1	40569	24644016	65
p38c-3	p38c	Fip1	40569	24644016	62
p38c-4	p38c	Fip1	40569	24644016	80
Vector-US-3	Vector	eIF-2beta	39433	17647377	61
Vector-HS-1	Vector	eIF-2beta	39433	17647377	67
Vector-OS-1	Vector	eIF-2beta	39433	17647377	172
p38a-2	p38a	eIF-2beta	39433	17647377	80
p38c-4	p38c	eIF-2beta	39433	17647377	60
Vector-US-3	Vector	Rpl38	3355144	116007488	60
p38a-1	p38a	Rpl38	3355144	116007488	51
p38a-3	p38a	Rpl38	3355144	116007488	54
p38a-4	p38a	Rpl38	3355144	116007488	55
Vector-US-3	Vector	CG2025	32143	24641429	60
Vector-US-3	Vector	Txl	38646	24658597	60
Vector-US-4	Vector	Txl	38646	24658597	58
p38a-2	p38a	Txl	38646	24658597	36
p38a-3	p38a	Txl	38646	24658597	45
p38b-2	p38b	Txl	38646	24658597	59
p38b-3	p38b	Txl	38646	24658597	71
p38b-4	p38b	Txl	38646	24658597	81
p38c-1	p38c	Txl	38646	24658597	134
p38c-2	p38c	Txl	38646	24658597	124
p38c-3	p38c	Txl	38646	24658597	197
p38c-4	p38c	Txl	38646	24658597	110
Vector-US-3	Vector	mRpl24	33703	17647677	59
Vector-US-3	Vector	SC35	53444	21358099	59
Vector-OS-1	Vector	SC35	53444	21358099	57
p38c-3	p38c	SC35	53444	21358099	45
p38c-4	p38c	SC35	53444	21358099	91
Vector-US-3	Vector	CG12608	32463	18859719	59
Vector-OS-3	Vector	CG12608	32463	18859719	58
p38c-3	p38c	CG12608	32463	18859719	62
Vector-US-3	Vector	Rpl29	37430	17137274	57
Vector-US-4	Vector	Rpl29	37430	17137274	47
Vector-OS-1	Vector	Rpl29	37430	17137274	45
p38a-2	p38a	Rpl29	37430	17137274	44
p38a-3	p38a	Rpl29	37430	17137274	56
Vector-US-3	Vector	skpA	31016	17137600	55
Vector-US-3	Vector	CG11586	38520	21355873	54
Vector-US-3	Vector	CG10262	35257	24585303	54
Vector-US-3	Vector	RpS16	37580	19922746	52

Vector-US-4	Vector	RpS16	37580	19922746	49
Vector-HS-1	Vector	RpS16	37580	19922746	70
Vector-OS-1	Vector	RpS16	37580	19922746	45
Mef2-US-2	Mef2	RpS16	37580	19922746	51
Vector-US-3	Vector	RpS15Aa	44150	17975567	49
Vector-US-4	Vector	RpS15Aa	44150	17975567	76
Vector-HS-1	Vector	RpS15Aa	44150	17975567	72
Mef2-US-2	Mef2	RpS15Aa	44150	17975567	59
p38a-1	p38a	RpS15Aa	44150	17975567	48
p38a-2	p38a	RpS15Aa	44150	17975567	34
p38a-3	p38a	RpS15Aa	44150	17975567	46
p38c-1	p38c	RpS15Aa	44150	17975567	85
p38c-4	p38c	RpS15Aa	44150	17975567	47
Vector-US-3	Vector	CG5366	34403	19921068	48
Vector-US-4	Vector	CG5366	34403	19921068	46
p38b-3	p38b	CG5366	34403	19921068	47
p38c-4	p38c	CG5366	34403	19921068	48
Vector-US-3	Vector	CG6084	39304	24662781	48
p38a-2	p38a	CG6084	39304	24662781	39
Vector-US-3	Vector	RpL13	34329	17647879	47
Vector-OS-1	Vector	RpL13	34329	17647879	143
Vector-US-3	Vector	D1	41095	24645272	46
p38a-2	p38a	D1	41095	24645272	43
p38a-4	p38a	D1	41095	24645272	62
Vector-US-3	Vector	Aats-gln	45786	17864488	46
Vector-US-4	Vector	Aats-gln	45786	17864488	107
Vector-HS-1	Vector	Aats-gln	45786	17864488	130
Vector-OS-1	Vector	Aats-gln	45786	17864488	159
Vector-OS-2	Vector	Aats-gln	45786	17864488	81
Vector-OS-3	Vector	Aats-gln	45786	17864488	54
Mef2-US-2	Mef2	Aats-gln	45786	17864488	99
p38a-2	p38a	Aats-gln	45786	17864488	104
p38b-3	p38b	Aats-gln	45786	17864488	110
p38b-4	p38b	Aats-gln	45786	17864488	147
p38c-1	p38c	Aats-gln	45786	17864488	110
p38c-2	p38c	Aats-gln	45786	17864488	76
p38c-3	p38c	Aats-gln	45786	17864488	132
p38c-4	p38c	Aats-gln	45786	17864488	152
Vector-US-3	Vector	CG3011	31524	24640005	46
Vector-US-3	Vector	RpS13	34149	17136832	46
Vector-OS-1	Vector	RpS13	34149	17136832	94
Vector-US-3	Vector	CG6481	32843	20129043	46
Vector-US-3	Vector	Trxr-1	31760	24640549	45
Vector-US-3	Vector	Prosbeta5	45269	21355573	45
Vector-US-4	Vector	Prosbeta5	45269	21355573	83
p38a-2	p38a	Prosbeta5	45269	21355573	46
p38a-3	p38a	Prosbeta5	45269	21355573	107

p38a-4	p38a	Prosbeta5	45269	21355573	110
p38c-4	p38c	Prosbeta5	45269	21355573	108
Vector-US-4	Vector	Hsc70-1	39542	17647515	343
p38c-2	p38c	Hsc70-1	39542	17647515	435
Vector-US-4	Vector	snama	37857	19922884	188
Vector-OS-1	Vector	snama	37857	19922884	206
Vector-OS-2	Vector	snama	37857	19922884	58
p38a-1	p38a	snama	37857	19922884	28
p38a-2	p38a	snama	37857	19922884	42
p38a-4	p38a	snama	37857	19922884	61
p38c-3	p38c	snama	37857	19922884	47
Vector-US-4	Vector	LKR	34064	23397395	126
p38a-4	p38a	LKR	34064	23397395	71
p38b-3	p38b	LKR	34064	23397395	50
p38c-2	p38c	LKR	34064	23397395	95
p38c-3	p38c	LKR	34064	23397395	76
p38c-4	p38c	LKR	34064	23397395	93
Vector-US-4	Vector	sle	41262	24645663	120
p38c-2	p38c	sle	41262	24645663	141
Vector-US-4	Vector	CG4038	37397	17137002	120
Vector-OS-1	Vector	CG4038	37397	17137002	101
p38b-2	p38b	CG4038	37397	17137002	49
p38b-3	p38b	CG4038	37397	17137002	72
p38c-2	p38c	CG4038	37397	17137002	73
p38c-3	p38c	CG4038	37397	17137002	106
Vector-US-4	Vector	Rpd3	38565	24657891	80
Mef2-US-2	Mef2	Rpd3	38565	24657891	164
Vector-US-4	Vector	CG17514	3355040	62862338	76
Vector-US-4	Vector	I(2)NC136	35501	19921660	71
Vector-OS-2	Vector	I(2)NC136	35501	19921660	65
p38a-1	p38a	I(2)NC136	35501	19921660	92
p38a-2	p38a	I(2)NC136	35501	19921660	74
p38a-4	p38a	I(2)NC136	35501	19921660	54
p38b-2	p38b	I(2)NC136	35501	19921660	80
p38c-2	p38c	I(2)NC136	35501	19921660	81
p38c-3	p38c	I(2)NC136	35501	19921660	58
p38c-4	p38c	I(2)NC136	35501	19921660	67
Vector-US-4	Vector	Ski6	34721	24584046	67
Vector-OS-1	Vector	Ski6	34721	24584046	98
p38c-3	p38c	Ski6	34721	24584046	87
p38c-4	p38c	Ski6	34721	24584046	98
Vector-US-4	Vector	MTA1-like	40693	24644343	66
Vector-US-4	Vector	CG2199	38159	20130427	65
Vector-US-4	Vector	Glycogenin	37419	24656813	64
p38b-1	p38b	Glycogenin	37419	24656813	203
p38b-2	p38b	Glycogenin	37419	24656813	138
p38b-3	p38b	Glycogenin	37419	24656813	366

p38b-4	p38b	Glycogenin	37419	24656813	186
Vector-US-4	Vector	CG5146	38630	24658459	64
Vector-US-4	Vector	128up	36288	17981711	60
p38a-2	p38a	128up	36288	17981711	49
Vector-US-4	Vector	bys	31701	24640439	60
Vector-US-4	Vector	RpL36	31009	17136318	57
Vector-OS-1	Vector	RpL36	31009	17136318	150
Vector-OS-2	Vector	RpL36	31009	17136318	49
Vector-OS-3	Vector	RpL36	31009	17136318	49
Vector-US-4	Vector	Dmn	44086	17933688	57
Vector-OS-1	Vector	Dmn	44086	17933688	57
p38c-1	p38c	Dmn	44086	17933688	62
p38c-2	p38c	Dmn	44086	17933688	69
p38c-4	p38c	Dmn	44086	17933688	54
Vector-US-4	Vector	Gfat2	43373	21357745	56
p38c-4	p38c	Gfat2	43373	21357745	67
Vector-US-4	Vector	Mpp6	35382	28574289	56
Vector-US-4	Vector	Dlic	32057	18860035	55
p38c-4	p38c	Dlic	32057	18860035	86
Vector-US-4	Vector	Upf1	32153	18859757	52
Vector-US-4	Vector	Top2	35225	17136538	51
Vector-US-4	Vector	Imp	32009	17530887	49
Vector-US-4	Vector	AnnX	33019	17136288	49
p38c-1	p38c	AnnX	33019	17136288	56
Vector-US-4	Vector	CG7324	40361	24668018	49
Vector-US-4	Vector	FK506-bp1	41860	24647110	49
Vector-US-4	Vector	CG1399	35715	161076373	48
Vector-US-4	Vector	MED4	38799	21356995	48
Vector-US-4	Vector	eIF-3p66	42789	24649360	48
Vector-US-4	Vector	CG10126	41579	28573019	47
p38c-1	p38c	CG10126	41579	28573019	45
p38c-2	p38c	CG10126	41579	28573019	50
p38c-4	p38c	CG10126	41579	28573019	69
Vector-US-4	Vector	gho	33409	24581061	46
Vector-US-4	Vector	RpL3	41347	17737907	45
Vector-HS-1	Vector	RpL3	41347	24645877	161
Vector-OS-1	Vector	RpL3	41347	24645877	301
Mef2-US-2	Mef2	RpL3	41347	17737907	94
p38a-3	p38a	RpL3	41347	17737907	56
Vector-HS-1	Vector	Hsp70Aa	48581	24646135	489
Vector-HS-1	Vector	sop	34309	17136734	150
Vector-OS-1	Vector	sop	34309	17136734	123
p38b-1	p38b	sop	34309	17136734	51
Vector-HS-1	Vector	RpL18	38794	21357009	110
Vector-OS-1	Vector	RpL18	38794	21357009	158
Vector-OS-2	Vector	RpL18	38794	21357009	46
Vector-HS-1	Vector	RpL4	43349	24650747	105

Vector-OS-1	Vector	RpL4	43349	24650747	287
Vector-OS-2	Vector	RpL4	43349	24650747	120
Vector-HS-1	Vector	RpL26	40060	21357853	93
Vector-OS-1	Vector	RpL26	40060	21357853	47
Vector-HS-1	Vector	RpL10Ab	39338	24662946	74
Vector-OS-1	Vector	RpL10Ab	39338	281366105	120
Vector-HS-1	Vector	CG3689	39083	21355361	73
Vector-HS-1	Vector	RpL21	35453	20129705	72
Vector-OS-1	Vector	RpL21	35453	20129705	102
Vector-HS-1	Vector	RpL8	44251	17864318	70
Vector-OS-1	Vector	RpL8	44251	17864318	114
Vector-HS-1	Vector	CG17931	8674030	24647419	65
Vector-HS-1	Vector	CG30185	246507	24762316	59
Vector-OS-1	Vector	CG30185	246507	24762316	46
p38a-2	p38a	CG30185	246507	24762316	44
Vector-HS-1	Vector	Clc	40221	24667294	54
Vector-OS-1	Vector	Clc	40221	24667294	62
Mef2-US-2	Mef2	Clc	40221	24667294	74
Vector-HS-1	Vector	Atx2	41883	24647162	52
Vector-OS-1	Vector	Atx2	41883	24647162	87
Vector-HS-1	Vector	RpL6	43723	21357161	51
Vector-OS-1	Vector	RpL6	43723	21357161	76
Mef2-US-2	Mef2	RpL6	43723	21357161	65
Vector-HS-1	Vector	CG4119	31481	18857955	49
Vector-HS-1	Vector	RpL31	35988	19921922	48
Vector-OS-1	Vector	RpL31	35988	19921922	55
Mef2-US-1	Mef2	RpL31	35988	19921922	62
p38a-1	p38a	RpL31	35988	19921922	39
p38a-4	p38a	RpL31	35988	19921922	47
p38b-4	p38b	RpL31	35988	19921922	48
p38c-4	p38c	RpL31	35988	19921922	57
Vector-HS-1	Vector	RpS18	37292	17136882	46
Vector-OS-1	Vector	RpS18	37292	17136882	163
Mef2-US-1	Mef2	RpS18	37292	17136882	56
Mef2-US-2	Mef2	RpS18	37292	17136882	48
p38a-1	p38a	RpS18	37292	17136882	51
p38a-4	p38a	RpS18	37292	17136882	62
Vector-HS-1	Vector	Slbp	43448	17137748	45
Vector-OS-1	Vector	CG33123	326262	28574733	221
Vector-OS-2	Vector	CG33123	326262	28574733	85
Vector-OS-1	Vector	Dis3	42900	24649634	206
Vector-OS-2	Vector	Dis3	42900	24649634	94
p38c-2	p38c	Dis3	42900	24649634	58
Vector-OS-1	Vector	CG18178	39138	24661864	152
p38a-1	p38a	CG18178	39138	24661864	34
Vector-OS-1	Vector	Taf2	39164	24662032	137
p38c-1	p38c	Taf2	39164	24662032	75

p38c-2	p38c	Taf2	39164	24662032	58
p38c-3	p38c	Taf2	39164	24662032	60
Vector-OS-1	Vector	Rat1	33964	20129299	125
Vector-OS-1	Vector	CG11266	33989	19920866	122
Vector-OS-2	Vector	CG11266	33989	19920866	70
Vector-OS-1	Vector	RpL24	34754	19921254	115
Vector-OS-1	Vector	ns1	42060	28572990	111
Vector-OS-1	Vector	alpha-Spec	38231	17136504	109
p38c-1	p38c	alpha-Spec	38231	17136504	45
Vector-OS-1	Vector	kst	38418	24656802	95
Vector-OS-1	Vector	Srp54	34312	17137528	95
Vector-OS-1	Vector	RpL17	31613	18921137	90
Vector-OS-2	Vector	RpL17	31613	18921137	54
Vector-OS-1	Vector	RpL28	38397	24656625	87
Vector-OS-1	Vector	CG4679	36466	24653318	86
Vector-OS-1	Vector	Slu7	43427	24650922	85
p38c-1	p38c	Slu7	43427	24650922	48
Vector-OS-1	Vector	CG9911	32588	18860011	83
Vector-OS-1	Vector	Nop56	42633	28572126	82
p38a-2	p38a	Nop56	42633	28572126	33
p38b-3	p38b	Nop56	42633	28572126	130
p38c-3	p38c	Nop56	42633	28572126	152
p38c-4	p38c	Nop56	42633	28572126	144
Vector-OS-1	Vector	cora	37205	24655517	80
p38a-2	p38a	cora	37205	24655527	40
p38b-1	p38b	cora	37205	24655527	37
p38b-3	p38b	cora	37205	24655527	49
p38b-4	p38b	cora	37205	24655527	49
Vector-OS-1	Vector	ncd	43517	17136354	77
Vector-OS-2	Vector	ncd	43517	17136354	46
p38a-3	p38a	ncd	43517	17136354	54
Vector-OS-1	Vector	CG6686	34608	24583762	74
Vector-OS-2	Vector	CG6686	34608	24583762	61
Vector-OS-3	Vector	CG6686	34608	24583762	49
p38a-2	p38a	CG6686	34608	24583762	39
p38a-3	p38a	CG6686	34608	24583762	56
p38b-2	p38b	CG6686	34608	24583762	155
p38c-3	p38c	CG6686	34608	24583762	180
Vector-OS-1	Vector	CG3542	33513	19920620	73
Vector-OS-1	Vector	RpS24	37589	20130247	73
Vector-OS-2	Vector	RpS24	37589	20130247	54
p38a-1	p38a	RpS24	37589	20130247	34
Vector-OS-1	Vector	RpLP2	36855	17647887	73
Vector-OS-2	Vector	RpLP2	36855	17647887	63
Vector-OS-1	Vector	CG31251	318645	45551915	71
Vector-OS-1	Vector	Rrp6	41798	161078302	68
Vector-OS-1	Vector	msk	44747	17864392	67

p38c-1	p38c	msk	44747	17864392	49
Vector-OS-1	Vector	RpS12	39480	24663646	66
p38a-2	p38a	RpS12	39480	24663646	40
Vector-OS-1	Vector	Nop60B	37873	17975520	65
p38c-3	p38c	Nop60B	37873	17975520	48
Vector-OS-1	Vector	CG7903	43554	24651234	65
p38a-1	p38a	CG7903	43554	24651234	54
p38c-4	p38c	CG7903	43554	24651234	69
Vector-OS-1	Vector	fl(2)d	36527	24653459	64
Vector-OS-1	Vector	Cyp12d1-p	246648	24943083	64
Vector-OS-1	Vector	CG4849	43358	21357743	63
Vector-OS-1	Vector	PH4alphaEFB	43620	24651407	62
Vector-OS-1	Vector	RpL35A	40654	21356927	62
Vector-OS-1	Vector	p115	31698	24640430	61
Mef2-US-1	Mef2	p115	31698	24640430	50
p38c-2	p38c	p115	31698	24640430	55
p38c-3	p38c	p115	31698	24640430	56
Vector-OS-1	Vector	Cul-4	35780	24586500	61
Vector-OS-1	Vector	gammaTub23C	33501	17136618	60
Vector-OS-1	Vector	CG2691	32320	24641825	58
Vector-OS-1	Vector	U2af50	32602	17136764	57
Vector-OS-1	Vector	CG7172	40395	21358081	54
p38a-2	p38a	CG7172	40395	21358081	34
Vector-OS-1	Vector	CG8443	36793	20130037	53
p38c-3	p38c	CG8443	36793	20130037	51
Vector-OS-1	Vector	tum	36538	24653481	52
Vector-OS-1	Vector	CG10576	38645	24658585	52
Vector-OS-1	Vector	LanA	38723	17136292	50
Vector-OS-1	Vector	Mtor	36264	24652825	49
Vector-OS-1	Vector	Or85d	41011	17986171	48
Vector-OS-1	Vector	CG33310	2768910	45552391	48
Vector-OS-1	Vector	CG31301	41865	21357453	48
Vector-OS-1	Vector	Klp61F	38135	17136642	47
Vector-OS-1	Vector	Rbcn-3B	31155	24639216	47
Vector-OS-1	Vector	RpS11	36321	24652922	46
Vector-OS-1	Vector	CG6693	41346	21356411	46
Vector-OS-1	Vector	cpb	33346	17136938	46
Vector-OS-1	Vector	ebi	33212	17137500	46
Vector-OS-1	Vector	ns3	31097	18543229	45
Vector-OS-1	Vector	Femcoat	31367	24639645	45
Vector-OS-1	Vector	CG6937	42662	24649072	45
Vector-OS-3	Vector	CG2021	38229	24655606	76
p38c-2	p38c	CG2021	38229	24655606	80
p38c-4	p38c	CG2021	38229	24655606	82
Vector-OS-3	Vector	poe	46243	17352461	56
p38b-4	p38b	poe	46243	17352461	134
p38c-1	p38c	poe	46243	17352461	68

p38c-3	p38c	poe		46243	17352461	71
p38c-4	p38c	poe		46243	17352461	67
Mef2-US-1	Mef2	HDAC4		32278	281360799	798
Mef2-US-2	Mef2	HDAC4		32278	281360799	1031
Mef2-US-1	Mef2	Mef2	Mef2		17136964	724
Mef2-US-2	Mef2	Mef2	Mef2		17136964	905
Mef2-US-1	Mef2	CtBP		41602	24646446	372
Mef2-US-2	Mef2	CtBP		41602	24646446	234
Mef2-US-1	Mef2	Roe1		36508	24653432	96
p38c-4	p38c	Roe1		36508	24653432	89
Mef2-US-1	Mef2	vir		47869	17864576	58
p38a-4	p38a	vir		47869	17864576	68
Mef2-US-1	Mef2	bsk		44801	24583285	48
p38a-1	p38a	bsk		44801	24583285	48
p38a-2	p38a	bsk		44801	24583285	47
p38a-3	p38a	bsk		44801	24583285	53
p38a-4	p38a	bsk		44801	24583285	53
p38b-1	p38b	bsk		44801	24583285	49
p38b-2	p38b	bsk		44801	24583285	49
p38b-3	p38b	bsk		44801	24583285	48
Mef2-US-1	Mef2	CG1646		43399	21357975	46
p38b-4	p38b	CG1646		43399	161078721	94
p38c-1	p38c	CG1646		43399	161078721	70
p38c-2	p38c	CG1646		43399	161078721	90
p38c-3	p38c	CG1646		43399	21357975	156
Mef2-US-1	Mef2	CG16972		34715	24584030	45
Mef2-US-2	Mef2	brm		39744	17985967	63
Mef2-US-2	Mef2	endos		39554	24664029	62
Mef2-US-2	Mef2	CG11227		33071	20129097	50
Mef2-US-2	Mef2	CG17293		34153	19920938	50
Mef2-US-2	Mef2	CG3760		37987	24762790	49
p38a-3	p38a	CG3760		37987	24762790	46
Mef2-US-2	Mef2	CG31678		35327	221510664	49
Mef2-US-2	Mef2	SRPK		36706	24653847	48
Mef2-US-2	Mef2	CG12264		34613	20129463	48
p38a-1	p38a	Mpk2	p38a		17137202	611
p38a-2	p38a	Mpk2	p38a		17137202	726
p38a-3	p38a	Mpk2	p38a		17137202	646
p38a-4	p38a	Mpk2	p38a		17137202	656
p38a-1	p38a	CG2852		37591	20130249	84
p38c-1	p38c	CG2852		37591	20130249	66
p38a-1	p38a	CG15220		32113	24641344	78
p38a-1	p38a	CG30100		246457	24654113	76
p38a-1	p38a	CG9586		34241	19920990	64
p38b-1	p38b	CG9586		34241	19920990	34
p38a-1	p38a	CG16935		36540	45550423	58
p38a-2	p38a	CG16935		36540	45550423	42

p38a-1	p38a	CG33129	34514	28574516	48
p38c-4	p38c	CG33129	34514	28574516	46
p38a-1	p38a	CG17082	3355133	116007516	45
p38a-1	p38a	CG9372	40137	21357465	42
p38c-4	p38c	CG9372	40137	21357465	48
p38a-1	p38a	peb	31391	56292493	41
p38a-1	p38a	RfC4	38492	17647857	39
p38a-4	p38a	RfC4	38492	17647857	64
p38b-3	p38b	RfC4	38492	17647857	51
p38a-1	p38a	CG42331	42948	24649775	38
p38a-1	p38a	CG15446	33088	281361174	38
p38a-1	p38a	CG13894	38086	24654848	38
p38a-2	p38a	CG13894	38086	24654848	39
p38b-1	p38b	CG13894	38086	24654848	39
p38a-1	p38a	ATPsyn-beta	43829	24638766	37
p38a-1	p38a	CG12547	3355145	116007528	35
p38a-1	p38a	Rpt3R	41190	281361487	35
p38a-1	p38a	Ranbp9	41367	21356539	34
p38a-1	p38a	CG11327	33940	20129291	34
p38a-1	p38a	CG30284	246527	24657170	33
p38a-1	p38a	msb1l	35254	19921554	32
p38a-2	p38a	msb1l	35254	19921554	42
p38a-1	p38a	Taf5	47900	17136870	32
p38a-1	p38a	RnrL	34392	17352481	32
p38a-1	p38a	CG15740	32139	24641420	32
p38a-1	p38a	CG7183	42181	24647873	31
p38a-1	p38a	Nup358	43041	45550830	30
p38a-2	p38a	Nup358	43041	45550830	28
p38a-2	p38a	CG11148	43842	281359566	133
p38a-2	p38a	Arp87C	41566	24646371	76
p38a-2	p38a	CG1092	40538	24643881	75
p38a-3	p38a	CG1092	40538	24643881	61
p38a-2	p38a	CG6617	32852	24643081	56
p38c-2	p38c	CG6617	32852	24643081	48
p38a-2	p38a	Cyt-c-p	34996	17137228	53
p38a-2	p38a	CG31800	318947	24585104	49
p38c-2	p38c	CG31800	318947	24585104	47
p38c-3	p38c	CG31800	318947	24585104	50
p38c-4	p38c	CG31800	318947	24585104	58
p38a-2	p38a	CG12592	41263	24645669	48
p38a-2	p38a	shi	45928	24642336	45
p38c-4	p38c	shi	45928	24642336	55
p38a-2	p38a	trus	41540	24646312	45
p38a-2	p38a	Cap-D3	33778	24581942	44
p38a-3	p38a	Cap-D3	33778	24581942	46
p38b-1	p38b	Cap-D3	33778	24581942	47
p38b-2	p38b	Cap-D3	33778	24581942	49

p38b-3	p38b	Cap-D3	33778	24581942	49
p38b-4	p38b	Cap-D3	33778	24581942	47
p38a-2	p38a	CG4511	41305	21356365	43
p38a-2	p38a	CG9331	35347	24585514	40
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p38a-2	p38a	CG1890	43737	21357149	39
p38a-2	p38a	CG9975	37220	20130151	37
p38b-1	p38b	CG9975	37220	20130151	39
p38a-2	p38a	CG11423	36998	45550452	36
p38a-2	p38a	CG14574	40397	24668241	36
p38a-2	p38a	Myo31DF	34445	17647709	36
p38a-2	p38a	CG5953	34985	281365078	36
p38a-2	p38a	CG31782	318938	24584665	36
p38a-2	p38a	CG11617	33183	19920444	35
p38a-2	p38a	blos1	246439	281363363	34
p38a-2	p38a	Actn	31166	17137758	34
p38a-2	p38a	CG4673	43091	62484318	34
p38b-3	p38b	CG4673	43091	62484318	64
p38c-2	p38c	CG4673	43091	62484318	50
p38a-2	p38a	CG10265	36676	19922300	33
p38a-2	p38a	CG34252	5740769	161084750	33
p38b-1	p38b	CG34252	5740769	161084750	37
p38a-2	p38a	Mhcl	41955	24647351	33
p38a-2	p38a	Snoo	5740414	161076790	33
p38a-2	p38a	CG10418	39408	21358381	33
p38b-4	p38b	CG10418	39408	21358381	56
p38a-2	p38a	CG10157	42788	21355397	33
p38b-1	p38b	CG10157	42788	21355397	33
p38a-2	p38a	CG34164	5740394	161076882	33
p38a-2	p38a	Hsp67Ba	39076	17647523	32
p38a-2	p38a	inaE	32343	28571183	32
p38a-2	p38a	d	34179	28574077	31
p38a-2	p38a	CG8486	34112	281364605	31
p38a-2	p38a	CG4877	39821	24665295	31
p38a-2	p38a	lqf	38846	24660212	31
p38a-2	p38a	Msp-300	3771968	161076702	29
p38a-2	p38a	shot	36542	221330227	29
p38a-2	p38a	Rpl135	33210	17136446	29
p38a-3	p38a	rad50	37564	281364022	159
p38b-3	p38b	rad50	37564	281364022	55
p38b-4	p38b	rad50	37564	281364022	64
p38c-2	p38c	rad50	37564	281364022	98
p38a-3	p38a	ps	44258	24645366	125
p38b-3	p38b	ps	44258	24645366	102
p38b-4	p38b	ps	44258	24645368	85
p38c-1	p38c	ps	44258	24645366	70
p38c-3	p38c	ps	44258	24645366	106

p38c-4	p38c	ps	44258	24645366	83
p38a-3	p38a	Aac11	35053	17137712	74
p38a-3	p38a	msn	44030	45549251	71
p38a-3	p38a	Dek	47906	21356855	68
p38a-3	p38a	CG1868	35985	19921918	52
p38a-4	p38a	Ubp64E	38644	24658569	70
p38a-4	p38a	Aats-gly	39644	24664462	68
p38a-4	p38a	Vha44	36826	17137392	68
p38a-4	p38a	l(2)35Bg	49424	17933742	66
p38a-4	p38a	CG5794	42935	24649731	64
p38a-4	p38a	Mcm6	31603	17530827	62
p38a-4	p38a	Bet5	43590	24651330	48
p38a-4	p38a	RpL14	38983	17647881	47
p38a-4	p38a	CG12096	32269	45549365	45
p38b-1	p38b	MAPk-Ak2	44573	17864380	1148
p38b-2	p38b	MAPk-Ak2	44573	17864380	671
p38b-3	p38b	MAPk-Ak2	44573	17864380	1262
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p38b-1	p38b	CG6904	41823	21357845	762
p38b-2	p38b	CG6904	41823	21357845	763
p38b-3	p38b	CG6904	41823	21357845	1427
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p38b-4	p38b	lic	32257	17137200	65
p38b-1	p38b	Act79B	40444	17975540	124
p38b-1	p38b	eRF1	40240	21356433	78
p38b-4	p38b	eRF1	40240	21356433	49
p38b-1	p38b	PTP-ER	37461	24657148	61
p38b-2	p38b	PTP-ER	37461	24657148	57
p38b-4	p38b	PTP-ER	37461	24657148	59
p38b-1	p38b	GABA-B-R2	42561	17738103	47
p38b-1	p38b	CG2857	37983	20130387	44
p38b-4	p38b	CG2857	37983	20130387	48
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p38b-1	p38b	wac	38044	221330713	43
p38b-1	p38b	CG34424	37699	161077430	42
p38b-1	p38b	ms(3)K81	43232	24650425	42
p38b-1	p38b	wee	33965	17136988	42
p38b-1	p38b	dpa	35679	17137242	41
p38c-4	p38c	dpa	35679	17137242	54
p38b-1	p38b	CG1801	33104	221500419	41
p38b-1	p38b	CG10505	37428	161077321	40

p38b-1	p38b	Asator	43794	281359551	40
p38b-1	p38b	CG7337	33367	116007262	39
p38b-1	p38b	Ncc69	39410	21358517	39
p38b-1	p38b	Drip	36236	24652747	38
p38b-1	p38b	pros	41363	221378762	38
p38b-1	p38b	CG18731	59246	24651111	37
p38b-1	p38b	gce	32457	17530943	37
p38b-1	p38b	unc-13	43841	24638724	37
p38b-3	p38b	unc-13	43841	24638724	60
p38b-1	p38b	yellow-h	43779	45550873	36
p38b-1	p38b	NKAIN	37979	281364250	36
p38b-1	p38b	CG14044	33702	19920706	36
p38b-2	p38b	CG14044	33702	19920706	53
p38b-1	p38b	Bap	32987	17647183	36
p38b-1	p38b	rab3-GAP	34626	24583816	36
p38b-1	p38b	CG12201	41449	28571665	36
p38b-1	p38b	Prp18	42285	21356713	36
p38b-1	p38b	Hmgcr	42803	24649399	35
p38b-1	p38b	omd	41674	24646656	35
p38b-1	p38b	RhoGAPp190	32743	24642824	34
p38b-1	p38b	otu	31789	24640609	34
p38b-2	p38b	otu	31789	24640609	47
p38b-1	p38b	UbcD10	37035	17137640	34
p38b-1	p38b	CanA1	43670	28571947	32
p38b-1	p38b	CG7358	32886	24643154	32
p38b-1	p38b	cv-c	41749	24646827	31
p38b-1	p38b	CG34431	5740655	161076401	31
p38b-1	p38b	beta4GalT7	42991	24649875	31
p38b-1	p38b	CG42457	8674070	281361997	31
p38b-1	p38b	CG31418	42084	24647652	31
p38b-1	p38b	DIP2	252479	24654656	29
p38b-2	p38b	Elongin-B	42435	17738069	59
p38b-2	p38b	alpha-Est7	40901	17737817	52
p38b-2	p38b	FKBP59	47762	24583150	47
p38b-3	p38b	puc	40958	17737839	107
p38b-4	p38b	puc	40958	17737839	96
p38b-3	p38b	CG5602	37791	24762424	85
p38b-3	p38b	RfC3	34423	19921076	84
p38c-2	p38c	RfC3	34423	19921076	64
p38c-4	p38c	RfC3	34423	19921076	58
p38b-3	p38b	CG11030	33805	24582008	82
p38b-3	p38b	CG5721	37084	19922518	81
p38c-3	p38c	CG5721	37084	19922518	51
p38b-3	p38b	CG9925	41702	21358205	66
p38b-3	p38b	AlkB	2768870	45555401	66
p38b-3	p38b	CG8360	34122	24582741	63
p38b-4	p38b	CG8360	34122	24582741	62

p38c-1	p38c	CG8360	34122	24582741	72
p38c-2	p38c	CG8360	34122	24582741	73
p38c-3	p38c	CG8360	34122	24582741	88
p38c-4	p38c	CG8360	34122	24582741	75
p38b-3	p38b	ush	33225	17136578	60
p38c-3	p38c	ush	33225	17136578	58
p38b-3	p38b	mts	45959	17136620	57
p38b-4	p38b	mts	45959	17136620	55
p38b-3	p38b	CG8108	39161	21355533	50
p38c-4	p38c	CG8108	39161	21355533	47
p38b-3	p38b	cdc16	42753	17137612	49
p38b-4	p38b	cdc16	42753	17137612	80
p38b-3	p38b	CG5726	37082	20130109	49
p38b-3	p38b	Saf6	33255	19920480	47
p38b-4	p38b	CG6509	34573	19921144	118
p38c-1	p38c	CG6509	34573	19921144	52
p38c-2	p38c	CG6509	34573	19921144	73
p38b-4	p38b	CG5198	34432	24583433	108
p38c-2	p38c	CG5198	34432	24583433	70
p38c-3	p38c	CG5198	34432	24583433	106
p38c-4	p38c	CG5198	34432	24583433	61
p38b-4	p38b	CG7518	41599	281361685	86
p38c-3	p38c	CG7518	41599	281361685	102
p38c-4	p38c	CG7518	41599	281361685	85
p38b-4	p38b	Rab1	42524	24648682	67
p38c-1	p38c	Rab1	42524	24648682	121
p38b-4	p38b	Dref	34328	17737403	66
p38b-4	p38b	Atg2	38344	24656255	65
p38b-4	p38b	CG10214	42811	21355135	61
p38c-1	p38c	CG10214	42811	21355135	96
p38b-4	p38b	sec15	42499	21355951	59
p38b-4	p38b	CG42232	7354465	221379506	51
p38b-4	p38b	CG3756	33712	20129237	50
p38b-4	p38b	mbm	33194	19920452	49
p38b-4	p38b	bur	45830	281365319	48
p38b-4	p38b	lat	36454	17136788	48
p38c-1	p38c	p38c	p38c	45553481	844
p38c-2	p38c	p38c	p38c	45553481	944
p38c-3	p38c	p38c	p38c	45553481	861
p38c-4	p38c	p38c	p38c	45553481	959
p38c-1	p38c	SF1	43912	24647704	103
p38c-1	p38c	CG18259	32866	24643110	87
p38c-1	p38c	CG11984	41082	281361403	71
p38c-1	p38c	Rbsn-5	34110	19920912	70
p38c-2	p38c	Rbsn-5	34110	19920912	79
p38c-1	p38c	P58IPK	41161	21355911	62
p38c-2	p38c	P58IPK	41161	21355911	71

p38c-1	p38c	Eno	33351	17137654	61
p38c-1	p38c	CG6459	37006	20130085	59
p38c-3	p38c	CG6459	37006	20130085	60
p38c-4	p38c	CG6459	37006	20130085	51
p38c-1	p38c	Ge-1	34541	24583631	58
p38c-1	p38c	CG17454	7354399	221513728	52
p38c-2	p38c	CG17454	7354399	221513728	66
p38c-1	p38c	CSN3	40308	24667760	46
p38c-2	p38c	mbo	41562	24646365	85
p38c-3	p38c	mbo	41562	24646365	53
p38c-4	p38c	mbo	41562	24646365	58
p38c-2	p38c	CG5931	39737	28574898	78
p38c-2	p38c	CG4858	40282	24667611	72
p38c-2	p38c	Tpr2	34984	17648033	67
p38c-2	p38c	noi	40678	17137118	67
p38c-2	p38c	CG18428	42857	24649541	66
p38c-2	p38c	CG32528	32990	24643390	61
p38c-2	p38c	kuk	42063	24647601	59
p38c-2	p38c	Vinc	31201	17136646	53
p38c-2	p38c	CG10420	43034	21356289	52
p38c-2	p38c	(2)09851	46662	28573273	51
p38c-2	p38c	CG16833	47729	281364830	50
p38c-2	p38c	ird1	41096	24645278	50
p38c-2	p38c	CG9588	41672	21358025	47
p38c-2	p38c	CG14955	38371	24656439	46
p38c-2	p38c	Upf2	31724	24640488	45
p38c-2	p38c	Rrp45	32665	24642649	45
p38c-3	p38c	Hsc70-2	41609	17737941	179
p38c-3	p38c	betaTub97EF	43359	24650776	164
p38c-4	p38c	betaTub97EF	43359	24650776	200
p38c-3	p38c	eIF5B	44261	24656849	73
p38c-3	p38c	lva	31350	17933552	72
p38c-3	p38c	TepIV	35248	24585282	70
p38c-3	p38c	Arf72A	39745	24664933	68
p38c-3	p38c	CG11964	41068	21355603	66
p38c-3	p38c	CG42533	34030	281364556	59
p38c-3	p38c	unk	42738	28572104	53
p38c-3	p38c	p16-ARC	33444	19920586	53
p38c-3	p38c	CG12259	43347	21357729	53
p38c-3	p38c	NHP2	44005	21356151	49
p38c-3	p38c	CG6607	42925	24649695	48
p38c-3	p38c	alien	34225	17647149	46
p38c-3	p38c	CG17333	32013	24641119	46
p38c-3	p38c	Cp190	41848	24647062	45
p38c-3	p38c	Cpsf73	42240	24648013	45
p38c-4	p38c	CG5899	34311	24583161	98
p38c-4	p38c	Aos1	41532	21357111	88

p38c-4	p38c	CG18528	42906	45550813	87
p38c-4	p38c	CG5703	32740	18859877	72
p38c-4	p38c	Pp1alpha-96A	42922	17738177	65
p38c-4	p38c	snf	31442	17737284	58
p38c-4	p38c	Srp19	38815	24659997	57
p38c-4	p38c	RPA2	35364	19921606	54
p38c-4	p38c	dgt4	31361	20128985	53
p38c-4	p38c	CG10703	41350	24645887	52
p38c-4	p38c	His1:CG31617	318854	24585669	52
p38c-4	p38c	eIF2B-delta	37706	19922816	51
p38c-4	p38c	CG11943	33002	24643409	51
p38c-4	p38c	epsilonTry	49080	17933738	48
p38c-4	p38c	CG12301	39689	21357943	47
p38c-4	p38c	mRpS10	41838	24647027	46
p38c-4	p38c	CG4199	31174	18543267	45

abeled as follows: US, unstimulated;
: was generated by analyzing RAW datafiles

Peptide Number	Unique Peptide Number	Coverage
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22	13	10.6
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16	9	8.3
7	6	4.9
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7	5	5
8	5	4.5
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15	9	9.3
20	11	9.8
24	14	11.2
51	21	33.2
41	20	30.4
56	24	41.4
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42	17	25
39	17	30
12	3	6.4
12	4	7.1
20	11	16.5
16	10	16
29	14	24.3
42	20	30.4
55	23	34.9
48	18	30.4
27	14	24.4
20	11	20.5
20	11	19
23	12	21.2
49	20	29.4
50	23	37.9

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56	26	36.8
174	21	50.5
88	17	39.4
135	20	41.8
125	16	38.1
277	22	54
151	25	54.5
27	4	15.7
9	5	20.1
81	14	34
59	18	42.9
42	10	31.1
77	12	31.8
106	18	43.6
137	17	41.2
1	1	1.7
157	20	42.3
194	18	53.2
123	20	46.8
117	21	46.6
43	16	34.1
31	11	32.1
42	18	33.8
35	13	28.1
52	13	33.3
50	16	36.9
17	3	7.2
9	4	9.7
54	13	30.6
71	20	37.3
33	14	29
46	20	38.9
43	17	35.2
42	16	32
20	10	21.2
17	11	25.3
31	17	30.1
25	12	24.9
48	22	40.2
42	18	34.3
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25	15	16.2

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18	10	30.2
19	10	27.6
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14	8	29
16	7	24.3
26	12	37.7
29	14	44.9
26	13	38
34	16	44.3
25	15	11.1
26	16	9.9
33	20	12.5
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21	15	10.1
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30	17	13.4
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