

Figure S5 A

QUERY	901	tgtccttccttccgtgaacggaaaagagattgaagtggatatgtttgatgctatgggtct	960
pyt07e06.b1.940	222	.....t.....	163
ros72e10.g1.1029	364	.....t.....	423
qze91c05.g1.1108	974	...t.t.....t.g.....ga.....t.	914
		\	
		g	
qvg13f05.g1.874	656	...t.....t.....g.....	597
QUERY	961	gaatactgacattgacccaaaaattcatatgttgaaacctaataccaatgtaatagtgtt	1020
pyt07e06.b1.940	162	.....	126
ros72e10.g1.1029	424	.....	460
G591P623403RH8.T0.851	539	.....C.....	513
G591P66363FF1.T0.925	676	.....C.....	650
S215P6891FB9.T0.900	422	.....C.....	396
qze91c05.g1.1108	496	.....C.....	470
qze91c05.g1.1108	913	.g.....a.....t.....	876
		\	
		c	
qvg13f05.g1.874	596	.....	560
qvg13f05.g1.874	180	.....C.....	154
S221P60197FH3.T0.880	644	.....C.....	670
QUERY	1021	aagagtaaggccctagggagaagatattaagccatgaggattccactctcatgaatgggat	1080
G591P623403RH8.T0.851	512	.....	453
G591P66363FF1.T0.925	649	.....	590
S215P6891FB9.T0.900	395	.....	336
qze91c05.g1.1108	469	.....	410
qvg13f05.g1.874	153	.....	94
S221P60197FH3.T0.880	671	.....	730

Figure S5 B

QUERY	901	tgtcttctccttccgtgaacggaaaagagattgaagtggatatgtttgatgctatggctct	960
RTCRL91TF,1076	558	.....c...g..a..g.t.....t.....a.....	499
LAWEP152726,R,1218	304	.....c...g..a..g.t.....t.....a.....	245
RHSKX29TR,1124	368	.....c...g..a..g.t.....t.....a.....	427
zad69g09.g1,1213	565	.....c...g..a..g.t.....t.....a.....	506
MQAA-aed14a06.b1,1213	117	.....c...g..a..g.t.....t.....a.....a.....	58
wts56g12.g1,1502	400	.....c...g..a..g.t.....t.....a.....	459
wnc54c08.g1,858	375	.....c...g..a..g.t.....t.....a.....	434
LAWNP731990,R,879	217	.....c...g..a..g.t.....t.....a.....	276
LAWNQ1127079,R,1223	792	.....c...g..a..g.t.....t.....a.....	733
LAWNB1025,F,951	137	.....c...g..a..g.t.....t.....a.....	196
RHNIW77TF,909	893	.....t.....a.....	854
LAWNQ973601,R,1172	171	..a...c...g..a..g.t..g..t.....tac..a.....a.....	230
QUERY	961	gaatactgacattgacaaaaaatcatatggtgaaacctaataccaatgtaatagtgtt	1020
RTCRL91TF,1076	498	.....gt.....t.....c.....	439
LAWEP152726,R,1218	244	.....gt.....t.....c.....	185
RHSKX29TR,1124	428	.....gt.....t.....c.....	487
zad69g09.g1,1213	505	.....gt.....t.....c.....	446
MQAA-aed14a06.b1,1213	57	.....gt.....t.....	26
		\	
		c	
wts56g12.g1,1502	460	.....gt.....t.....c.....	519
wnc54c08.g1,858	435	.....gt.....t.....c.....	494
LAWNP731990,R,879	277	.....gt.....t.....c.....	336
LAWNQ1127079,R,1223	732	.....gt.....t.....t.....c.....	672
		\	
		g	
LAWNB1025,F,951	197	.....gt.....t.....c.....	256
RHNIW77TF,909	853	.....gt.....t.....c.....	794
LAWNQ973601,R,1172	231	.....gt.....t.....c.....	290
QUERY	1021	aagaggttaaggccctaggggaagatattaagccatgaggattccactctcatgaatgggat	1080
RTCRL91TF,1076	438	.....a.....t.....ca.....	379
LAWEP152726,R,1218	184	.....a.....t.....ca.....	125
RHSKX29TR,1124	488	.....a.....t.....ca.....	547
zad69g09.g1,1213	445	.....a.....t.....ca.....	386