Figure S4 A

QUERY G591P638132FH11.T0.888 G591P619427FB10.T0.896 utj19c10.g1.1109 G591P637088FC7.T0.926 G591P633383FH7.T0.867 qxu66h04.g1.1270 qgn04f12.b1.739		tggtattgatagcgctcttcacagagttaggagaattacgtgaattgatacatgaataac	539 513 424 262 235
QUERY G591P629550RC10.T0.906 G591P638132FH11.T0.888 G591P619427FB10.T0.896 utj19c10.g1.1109 G591P613127RG8.T0.932 qqg38d12.b1.917 uqz98h11.b1.1101 G591P637088FC7.T0.926 G591P633383FH7.T0.867 \$\frac{1}{2}\$591P604566FD3.T0.1042 qxu66h04.g1.1270 qgn04f12.b1.739	540 514 423 323 538 367 263 236	acttagaacagaataagacctcactggacattaataggtgactccttggctttttgctgt	812 558 532 405 368
QUERY G591P629550RC10.T0.906 G591P613127RG8.T0.932 qqg38d12.b1.917 uqz98h11.b1.1101 G591P604566FD3.T0.1042	369 584 321	ggctgttgtcactacatgcatgtctgcctcaccttctggcttcctctccaactgccgccc	2100 753 428 643 262 145

Figure S4 B

QUERY LAWNP177769.R.1009 LAWRP69854.R.1112 LAWNP25141.F.922 LAWEP977902.R.847 MQAA-aes90g12.g1.660 zge70g08.g1.873	1923 94 649 512 769 520 607	gtattgatagcgctcttcacagagttaggagaattacgtgaattgatacatgaataacac t	153 708 571 749 579
QUERY LAWNP177769,R,1009 LAWRP69854,R,1112 LAWNQ1106737,R,1188 LAWNP25141,F,922 LAWEP977902,R,847 MQAA-aes90g12,g1,660 zge70g08,g1,873	1983 154 709 946 572 748 580 547	ttagaacagaataagacctcactggacattaataggtgactccttggctttttgctgtgg	213 768 939 631 689 639
QUERY LAWEP668057,F,1327 LAWNP177769,R,1009 LAWRP69854,R,1112 LAWNQ1106737,R,1188 LAWNP25141,F,922 LAWEP977902,R,847 MQAA-aes90g12,g1,660 zge70g08,g1,873	2043 1068 214 769 938 632 688 640 487	ctgttgtcactacatgcatgtctgcctcaccttctggcttcctctccaactgccgcccccttaataa	1047 273 828 880 691 629 660