

Supplemental Table 1: List of primers described in Materials and Methods

Primer name	Primer sequence
E128	5'-GCAAGCTGACCCTGAAG-3'
E129	5'-GTTGGGGTCTTGCTCAG-3'
E169	5'-ATTAGGCGCGCCAGGCAGCCTGTCTCACAGC-3'
E170	5'-ATTAGGCGCGCCGGAACCTGAGGACTTGTGAGC-3'
E239	5'-CCCTTTTAATTAAGTGCCTGTGACCAAGCAGTC-3'
E243	5'-CCCTTTTAATTAATTGAAGTGTATAGGGCATCC-3'
E260	5'-ATTAGGCGCGCCTACCTACCTTCTTTACATACG-3'
E261	5'-ATTAGGCGCGCCCACATGGTTTAAAGGTTGCTTC-3'
E262	5'-ATTATTCCCGGGACATTCCTGTCTTGGAGAC-3'
E263	5'-CCCTTTTAATTAAGGATGAGCCAGCTGACTTTG-3'
E264	5'-ATTAGGCGCGCCTGCAATGCCACCGCGCTGTTG-3'
E265	5'-ATTAGGCGGCCACCAGAGGGACTCCGAGAAC-3'
E266	5'-ATTATTCCCGGGATCTCGAGTGCTGGAAAAGAG-3'
E267	5'-CCCTTTTAATTAAGCCTCCTGAGCTCGCAC-3'
E268	5'-ATTAGGCGCGCCGTCTCGAAGGCAGTGCAGAC-3'
E269	5'-ATTAGGCGGCCCTTTCCAAGCACTCGAGATG-3'
E270	5'-ATTATTACGTACCAAGTCTAGATCTACTCCCAC-3'
E271	5'-CCCTTTTAATTAAGGCCACGAAGAGCAGGTG-3'
E276	5'-AGCCATCTATTGCTTACATTGC-3'
E277	5'-ATAGGTTACGTTGGTAGATGG-3'
E278	5'-ATTAGCGGCCGCCTTCCAACGAGCAAGCCAAC-3'
E279	5'-ATTAGGATCCGTTCAAATTCTGCTGTGGTC-3'
E282	5'-ATTAGCGGCCGCCGTGTCCCAGATAAGGACTTCTG-3'
E283	5'-ATTAGCGGCCGCCGGACACACTGGAGGTTGAG-3'
E289	5'-ATTAGGCGGCCGAAGTAAATATCTCTGAAGAAACTG-3'
E290	5'-ATTAGGCGGCCGGAAACAAACAAACAAAAAAAGTCC-3'
E291	5'-ATTATTCCGGGTGGAGGGCTTAATGTGGGTG-3'
E292	5'-CCCTTTTAATTAACAGGACCCAAGAGATACTAGTC-3'
E295	5'-ATTAGGCGGCCAGGAAAATTGGAACATTGTCAG-3'
E296	5'-CTGCCCTGAATGATTGAGCTG-3'
E297	5'-TGGTACTGTGTAGACAGGTGAAC-3'
E298	5'-CTTTTTAATTAACCTGATCCTGAAACAGTAAATTCTG-3'
E309	5'-ATTAGCGGCCGCACATCAAACACTACTGTTATTTCAC-3'
E309	5'-ATTAGCGGCCGCACATCAAACACTACTGTTATTTCAC-3'
E310	5'-ATTAGGATCCTTTATTCCATATCCACAAAAGAAAATGC-3'
E310	5'-ATTAGGATCCTTTATTCCATATCCACAAAAGAAAATGC-3'
E311	5'-ATTAGCGGCCGCCAGCAGCAGGCTAACCTGGAGGCCAC-3'
E311	5'-ATTAGCGGCCGCCAGCAGGCTAACCTGGAGGCCAC-3'
E313	5'-ATTAGGATCCCTCCCATTCAATTCTTCTCCCTC-3'
E313	5'-ATTAGGATCCCTCCCATTCAATTCTTCTCCCTC-3'
E319	5'-ATTAGCGGCCCAAGGAAAGTGTGACACAGTACAC-3'

E319	5'-ATTAGCGGCCGCAAGGAAAGTGTGACACAGTTACCAC-3'
E320	5'-ATTAGGATCCTTGATCGTCGTCTTCTCTTGCAAC-3'
E320	5'-ATTAGGATCCTTGATCGTCGTCTTCTCTTGCAAC-3'
E321	5'-ATTAGCGGCCGCCCCCCCATTATGTTTTCCCATG-3'
E321	5'-ATTAGCGGCCGCCAGATTAACTTTTTTTAAAAAAAAC
E322	5'-ATTAGGATCCTGCCCGGGTGCCTGTGAAATG-3'
E322	5'-ATTAGGATCCTACAATGTTAGCGCTCACCGCTCGTC-3'
E337	5'-ATTAGCGGCCGCATGTTAGTCAGTCCCTGGGCTCTGCTC-3'
E338	5'-ATTAGGATCCGTGTGAGTGGGTTGCTGAGTGAC-3'
E360	5'-ATTAGGCGGCCATAGAAGGTTACCAAAAGTGTGAG-3'
E361	5'-ATTAGGCGGCCATTCTTCTTACCTGTACCCAGGCATTC -3'
E362	5'-ATTATTCCGGGCGCAGGCCTGAGAGTTAATGACTC -3'
E363	5'-CTTTTTAATTAAATTAGAAAAACAAAATCCCATATTGCAG -3'
E368	5'-ATTAGGATCCATTCAAGTAAAACCTCAGGTCTAAGG-3'
E369	5'-ATTAGCGGCCGCAAACATGGCAACTCGTGGCCAAAATTGCAC-3'
E372	5'-ATTAGGATCCTCCATTATATAATTACCAATCATTTGAACAC-3'
E373	5'-ATTAGCGGCCGCCTTATACAACCTTGCTATGAGAAAGTTG-
E374	5'-ATTAGGATCCGAGCAGATTACAGATTGTACTTGTAG-3'
E375	5'-ATTAGCGGCCGCCTGTGTAATCCCAGTCAAAATTCAAG-3'