

**Table S2. List of all oligonucleotide primers used in this study.**

<i>Primer name</i>	<i>Sequence (5'-3')</i>
prAH1465	TCGTGTCATCTGATTACCTGGCGGAAATTAACCTAAGAGAGAGCTCTATGGGAACTTCATTTAAATGGCG
prAH1466	TTTTTATTAGTGCATTTTGC GCGAGGTC ACTATTTG CAGT CACAACCTGGGTCCATATGAATATCCTCCTTAG
prAH1469	ATAATATCCAGGCAGTGTCCCGTGAATAAAACGGAGTAAAAGTGGTAATGGGAACTTCATTTAAATGGCG
prAH1470	GCCGACATTTCTCGTCGGCCCGCAAAGTATTAAGCGGCGATTTCTGGTGTGGTCCATATGAATATCCTCCTTA G
prAH1491	GGCAGTGTCCCGTGAATAAAACGGAGTAAAAGTGGTAATGACACCAGAAATCGCCGCTTAATACTTTGCGGG CCGACGAG
prAH1492	CTCGTCGGCCCGCAAAGTATTAAGCGGCGATTTCTGGTGTCACTTACCCTTTACTCCGTTTTATTACGGGAC ACTGCC
prAH1493	TGATTACCTGGCGGAAATTAACCTAAGAGAGAGCTCTATGCAGGTTGTACTGCAAATAGTGACCTCGCGC AAAATGCA
prAH1494	TGCATTTTGC GCGAGGTC ACTATTTG CAGT CACAACCTGC ATAGAGCTCTCTTAGTTTAATTTCCGCCAGG TAATCA
prAH1499	CTTTGTGTCGGTGATCATTG
prAH1500	GAATAGCGAGCGTACCTTAG
prAH1506	GAAGTCTTTGCGCAGTATCAG
prAH1521	GGTCATTGAAGTCATAATCATTTC
prAH1626	TGCCCCGATAAATAAACACACCTTATCCACCACCGCCTGCAAGCGTAAGGTCCATATGAATATCCTCCTTAG
prAH1627	AGCGGGCTTTACCCAAAGAGCGCCGCGTGAGTTCAGTTCTCTCAAATCGGGAACTTCATTTAAATGGCG
prAH1629	AGAATAGAAGTGAGTTAGTAACACTACCCAATCAGTACGTTAATTTTGGCGGAACTTCATTTAAATGGCG
prAH1631	AAACAGAGATGTCATGCTTTGGTTCCAGAGAATGCGTTTGACCGCCTCGCTGGAACCTTCATTTAAATGGCG
prAH1633	ATTCATTCTATGAATGAATCTGTTCAATAATGATAACGACATGCTGCAATGGAACCTTCATTTAAATGGCG
prAH1648	TGTTTTGTAATTCCTCACCTTTTGCTTTTCTCTCCGAGCCGCTTCCATGGAACTTCATTTAAATGGCG
prAH1649	TCAATAATGGCTGGTCATGCTTTAATGTTGCAGTGTATCCCGGATCGTTTGGTCCATATGAATATCCTCCTTAG
prAH1650	TCCACGAGAATATCGACTGGGGAGAGCCGAAAGATAAGGAAGTCTGGTAAGGTCCATATGAATATCCTCCTT AG
prAH1651	CTTAGCAATGGCTGCTCCTGGCACAAAGCGGACAGTGATCACCGTTCTTAGGTCCATATGAATATCCTCCTTA G
prAH1652	CTGATGGCACCAAAAATAGCGAAGCCTGGATTTTCGTCTCACTGACAATAGGTCCATATGAATATCCTCCTTA G
prAH1653	TGAATGAATCTGTTCAATAATGATAACGACATGCTGCAATTATTGTCACTGAGACGAAAATCCAGGCTTCGCT ATTTTTG
prAH1654	CAAAAATAGCGAAGCCTGGATTTTCGTCTCACTGACAATAATTGCAGCATGTGTTATCATTATTGAACAGATT CATTCA
prAH1655	GTCATGCTTTGGTTCCAGAGAATGCGTTTGACCGCCTCGCTTAAGAACGGTGATCACTGTCCGCTTTGTGCCAG GAGCAGC
prAH1656	GCTGCTCCTGGCACAAAGCGGACAGTGATCACCGTTCTTAAGCGAGGCGGTCAAACGCATTCTCTGAACCAA AGCATGAC
prAH1657	TGAGTTAGTAACACTACCCAATCAGTACGTTAATTTTGGCTTACCAGACTTCTTATCTTTGGCTCTCCCCAGT CGATA
prAH1658	TATCGACTGGGGAGAGCCGAAAGATAAGGAAGTCTGGTAAGCCAAAATTAACGTAAGTATTGGGTAGTGT ACTAACTCA
prAH1659	ACCCAAAGAGCGCCGCGTGAGTTCAGTTCTCTCAAATCGAAACGATCCGGGATACACTGCAACATTAAGC ATGACCAG
prAH1660	CTGGTCATGCTTTAATGTTGCAGTGTATCCCGGATCGTTTCGATTTGAGAGAAGTGGAACTCACGCGGCGCTC TTTGGGT

prAH1661	TTCCCTCACCTTTTGCTTTTCTCTCCGAGCCGCTTCCATTTACGCTTGCAGGCGGTGGTGAATAAGGTGTGT TTATTT
prAH1662	AAATAAACACACCTTATTCCACCACCGCTGCAAGCGTAAATGGAAAGCGGCTCGGAGAGAAAAGCAAAG GTGAGGGAA
prMASb2	GTATGCATGCTGGGTGTGGGGAA
prMASbio	CTCTCTGGCAAGCGCCTCGATT
prMASgal	CCGACAGAATCGGGCGAGAAGA
prMASint	CGCGCACGAAAAGCATCAGGT