

Name	Sequence	Restriction site
pAhaeAN54e_1F	CTCGAG CCTAAAGGGGGTGTAAACGAAGTGTC	XhoI
pAhaeAN54e_2R	CTCGAG ATTATTCATAAAACCGCCCTCATTTAATATTTAGGT	XhoI
pAhaeAN54e_3F	CTCGAG ACCTAAATATTAAATGAGGGCGGTTTTATGAATAAT	XhoI
pAhaeAN54e_4R	CTCGAG GCTTAGTACGCTTAAAAATAATTTCTTC	XhoI
pAhaeAN54e_5F	AGTC CTCGAG AGTCTAAGTTTCTTTAATGATGATTTTG	XhoI
pAhaeAN54e_6R	CTCGAG GATCTGCAGGCTTAGATACTGAAATCTGAAGTGAG	XhoI
pAhaeAN54e_7F	CTCGAG TATGTATGTTCTATCAGGAAGATTGTAGCG	XhoI
pAhaeAN54e_8R	CTCGAG GTTCAGATGGTATGAATCAATTGCTAG	XhoI
F5Xho-Up	GATA CTCGAG ATCATGTTTCATTGATTGGGCTTAGATAAGG	XhoI
F5Pst-Low	GAT CTGCAG GCATTCAAAGTCTGGCTCAATTAATC	PstI
pAhaeAN54e_11F	CTCGAG TTTCAGATACGAACGTAAATTACCCATAACC	XhoI
pAhaeAN54e_12R	CTCGAG GTTGCAACTTTATTATTCAAGAGGTGGACA	XhoI
pAhaeAN54e_13F	CTCGAG TATCACACCCTGAATTTCTACAGCC	XhoI
pAhaeAN54e_14R	CTCGAG TTGTACTCACAAAACAATCAAGGGG	XhoI
pAhaeAN54e_15F	CTCGAG TAGCCTTATCGGTTATAGAGTTATAACAG	XhoI
pAhaeAN54e_16R	CTCGAG TCAGTGTTATTGCTCATGTTCTTTTCC	XhoI
F9Xho-Up	ATA CTCGAG CAATCAATGAAATTAAGGGCTATCGTG	XhoI
F9PstI-Low	GAT CTGCAG GGACTTTCAAGATAGGCTCTTGAG	PstI
F10Xho-Up	GATA CTCGAG GATTTAAGTGGGTTATGAGTGCGG	XhoI
F10PstI-Low	GAT CTGCAG GATTGCATCATTGTTATTTTGGTCG	PstI
pAhaeAN54e_21F	CTCGAG AGCGTATTGCAGAATTGCAAACAC	XhoI
pAhaeAN54e_22R	CTCGAG TACCCAACGAAACAGCAAATTAG	XhoI
F8-B-up	CAG CTCGAG GTAAGCTTTGAGCAATCAAC	XhoI
F8-C-Low2	CAG GAGCTC TCAGTGTTATTGCTCATGTTT	SacI
BCc-1-Up	CAG GGTACC CTATGATATTTCAATAAATAGC	KpnI
BCc-1.2-Up	CAG GGTACC CTATATTCTTCGGTACACAGT	KpnI
B-Low-215	CAG GAGCTC TTGTTATTTAAAGTCTTTATAAGT	SacI
B-Low-107	CAG GAGCTC CTTAGTCGTTTTCGCTTC	SacI
B-Low-70	CAG GAGCTC TTGGTGAGATTGAGCAGA	SacI
F8-AB-Low	CAG GAGCTC ATATTAATTTGTACTCACAAAACA	SacI
FShR1-up	CTAAGCAAAAAAAAAATTGCTTAA AGCTT CTATCTTGAATATTGCCG	HindIII
FShR1-low	CGGCAATATTCAAGATAG AAGCTT AAGCAATTTTTTTTGCTTAG	HindIII
FShR2-Up	CTTATTTATGCCAGTTCCTAGCG AAGCTT CTGCGTCCCCGCCTATTGTG	HindIII
FShR2-Low	ACAATAGGCGGGGACGCAG AAGCTT CGCTAGGAACTGGCATAAATAAG	HindIII
FSh-R3-up	CAAACCTTATGATCTTCGTT AAGCTT TGTTTACCGCATCAAATAAC	HindIII
FSh-R3-Low	GTTATTTGATGCGGTAAACA AAGCTT AACGAAGATCATAAGGTTTG	HindIII

S1 Table.