

133 **Supplemental Table 3.** List of primer sequences for PTG cloning.

Primer Name	Sequence
pHEE_L5AD5-F	CGGGTCTCGATTGGGATGGGCAGTCTGATTGACAAAGCACCAGTGG
GALT3-2_gR1_R	ATGGTCTCAACTGAAGTGAAATGCACCAGCCGGGAA
GALT3-2_gR1_F	TAGGTCTCCCAGTCAGAATGAGTTTTAGAGCTAGAA
GALT3-1_gR2_R	ATGGTCTCACTCCTGATAATCTGCACCAGCCGGGAA
GALT3-1_gR2_F	TAGGTCTCCGGAGAACTCGTGTTTTAGAGCTAGAA
GALT4-1_gR3_R	ATGGTCTCACAGTCGCCTCGCTGCACCAGCCGGGAA
GALT4-1_gR3_F	TAGGTCTCCACTGATAATGAGGTTTTAGAGCTAGAA
GALT6-2_gR4_R	ATGGTCTCATGCGAGTACGGGTGCACCAGCCGGGAA
GALT6-2_gR4_F	TAGGTCTCCCGCAAATTGCAAGTTTTAGAGCTAGAA
GALT6-1_gR5_R	ATGGTCTCATGGTTTGTGATATGCACCAGCCGGGAA
GALT6-1_gR5_F	TAGGTCTCCACCACTTCGCCAGTTTTAGAGCTAGAA
pHEE_L5AD5-R	TAGGTCTCCAAACGGATGAGCGACAGCAAACAAAAAAAAAAGCACC GACTCG
pHEE_S5AD5-F	CGGGTCTCAATTGGGATGGGCAGTCTGATTG
pHEE_S5AD5-R	TAGGTCTCCAAACGGATGAGCGACAGCAAAC

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