

Additional file 2. Primer and probes used to interrogate the sex of the individuals (PCR and Presence-Absence) and the vgl3 genotypes (Sequenom and Allelic Discrimination)

Name	5'-Sequence-3'	Application
sd_y_PCR1_F	TGATGGATGGGATCCCCGTCATCTCTCTCCCA AAG	PCR
sd_y_PCR1_R	TAGAGCTTAAAACCACTCCACCCTCCATGAGG GA	PCR
sd_y_PCR2_F	AGTTGGAACGCTTCAGCAGAGCAGATGG	PCR
sd_y_PCR2_R	AGATTGGTGCACTGAGTGATGAGTCTTGTCC	PCR
sd_y_RTPCR1_F	CCT ACA AGC CCT TCT CCC TGA T	Presence-Absence
sd_y_RTPCR1_R	GGG CTT TGG GAG AGA GAT GAC	Presence-Absence
sd_y_RTPCR1_P	ATG GAT GGG ATC CC	Presence-Absence
sd_y_RTPCR2_F	CCATGGGCTCAGCAGCTATT	Presence-Absence
sd_y_RTPCR2_R	GGAGGACTCAAGCCAGATCCT	Presence-Absence
sd_y_RTPCR2_P	AAGCAAGCTCACGACTT	Presence-Absence
ssa25_28656101_SEQ_F	acgttgatgAGCTGGGTGTTTACAGTAGG	Sequenom
ssa25_28656101_SEQ_R	acgttgatgACGCTGCTGTTGCTGTCTC	Sequenom
ssa25_28656101_UEP_SEQ	ccctCCTGGAAACTGCTGCTCC	Sequenom
ssa25_28658151_SEQ_F	acgttgatgAGCCCAGGGATACACAGTGA	Sequenom
ssa25_28658151_SEQ_R	acgttgatgCATGGGTGTGTGTAGAGCAG	Sequenom
ssa25_28658151_UEP_SEQ	GGCTGGCCTGCTCCACCTCTGT	Sequenom
chr25_28656101_AD_F	GAAGCTGGGTGTTTACAGTAGGAT	Allelic discrimination
chr25_28656101_AD_R	TGTCTCCGCCCTGGAAAC	Allelic discrimination
chr25_28656101_AD_V/M	TGCTGCTCC(A/G)TGCTGT	Allelic discrimination
chr25_28658151_AD_F	AGCCCAGGGATACACAGTGA	Allelic discrimination
chr25_28658151_AD_R	GTGGGCCAGGCTGAGG	Allelic discrimination
chr25_28658151_AD_V/M	CCACCTCTGT(G/C)TTCACA	Allelic discrimination