

**Supplementary Table 4.** Primer sets used for Sanger sequencing and HRM analysis

<b>Primer Name</b>	<b>Primer Sequence (5' to 3')</b>	<b>Detection Method</b>	<b>Amplicon Size</b>
JAK1_Seq_Exon14F	CTGGCCTGAGACATTCCTATG	Sanger Sequencing	144 bp
JAK1_Seq_Exon14R	TGAAAGAGAACACACTTACTCTCCAC		
JAK1_HRM_Exon14F	GCATGATGAGACAGGTCTCCCAC	HRM	83 bp
JAK1_HRM_Exon14R	GAGAACACACTTACTCTCCACGTC		
JAK3_Seq_Exon12F	GCAGGTCTGTGAGCACAAAAT	Sanger Sequencing	167 bp
JAK3_Seq_Exon12R	ACTGTCTCCAGCCATGCAC		
JAK3_HRM_Exon12F	CCACCTTCCCAGTCATTC	HRM	64 bp
JAK3_HRM_Exon12R	GAGATGCCGGTACGACACTTG		