

Table S8. Primers for PCR and conventional sequencing of regions of *pbp2x*, *pbp1a* and *pbp2b*.

Gene	Primer name	Primer sequence (Forward primers (F) 5'-3', Reverse primers (R) 3'-5')	Application	Trimmed allele length (bp)
<i>pbp2x</i>	Sp36F	GAA GAA TCC TAT GTA AGA GAG C	PCR / sequencing	1673
	Sp35F	GAG GAC TTT GTT TGG CGT GA	Sequencing only	
	Sp34R	GCT GAA GCC CGC TCC AAG AT	Sequencing only	
	Sp33R	GCT GGC CTG TAA TTT GCG CCT	PCR / sequencing	
	Sp37F ^a	ACA GGT CAA ATA CTA CAG ATG C	PCR / sequencing	
	Sp52R ^a	CCT TGC ACA TAG GCA ATA ACT CC	PCR / sequencing	
	<i>pbp2xF1</i> ^a	GCT GAG GAC GCA ACY TCC	PCR / sequencing	
	<i>pbp2xF2</i> ^a	AAG GAC TTT GTT TGG CGT GA	PCR / sequencing	
	<i>pbp2xF4</i> ^a	ACT TCT GGG ATG GAG AGT TCC	PCR / sequencing	
	<i>pbp2xR1</i> ^a	GTG ATT CTT TCA TAG CTG AGG C	PCR / sequencing	
	<i>pbp2xF5</i> ^a	ACC GAA ATG GAG TCC CGA TTG C	PCR / sequencing	
	<i>pbp2xR4</i> ^a	ATC TCG AGT CGT CGC ATC CGC	PCR / sequencing	
<i>pbp1a</i>	Sp47F	ACT ATT ATT TGT GCT TGG AGT GGT TGA GC	PCR / sequencing	901
	Sp43R	CCA AGA AGC TCA AAA ACA TCT GTG GG	PCR / sequencing	
	<i>pbp1aF</i> ^a	TTG ATG GGG GTT GTT GTG GAG C	PCR / sequencing	
	<i>pbp1aR2</i> ^a	AGC CTT GCT GGC TGG AAT GC	PCR / sequencing	
	<i>pbp1aR3</i> ^a	GGC TAT AAC CTT CTA ACT ACT GGG	PCR / sequencing	
<i>pbp2b</i>	<i>pbp2b_2F</i>	GCG TAT AGT TAT CAA ACT GCC CA	PCR / sequencing	1272
	<i>pbp2b_3F</i>	ACC TGT TTT TGG GTT AAG GGC	Sequencing only	
	<i>pbp2b_3R</i>	CAA ATT TGA CAG AAC GCC AGC	Sequencing only	
	<i>pbp2b_4R</i>	ACA GCC ATT CGA TTC CGA TTC	PCR / sequencing	

^aAlternative primers used following failure of initial primers and/or when sequences were suspected to be divergent in the primer binding regions.