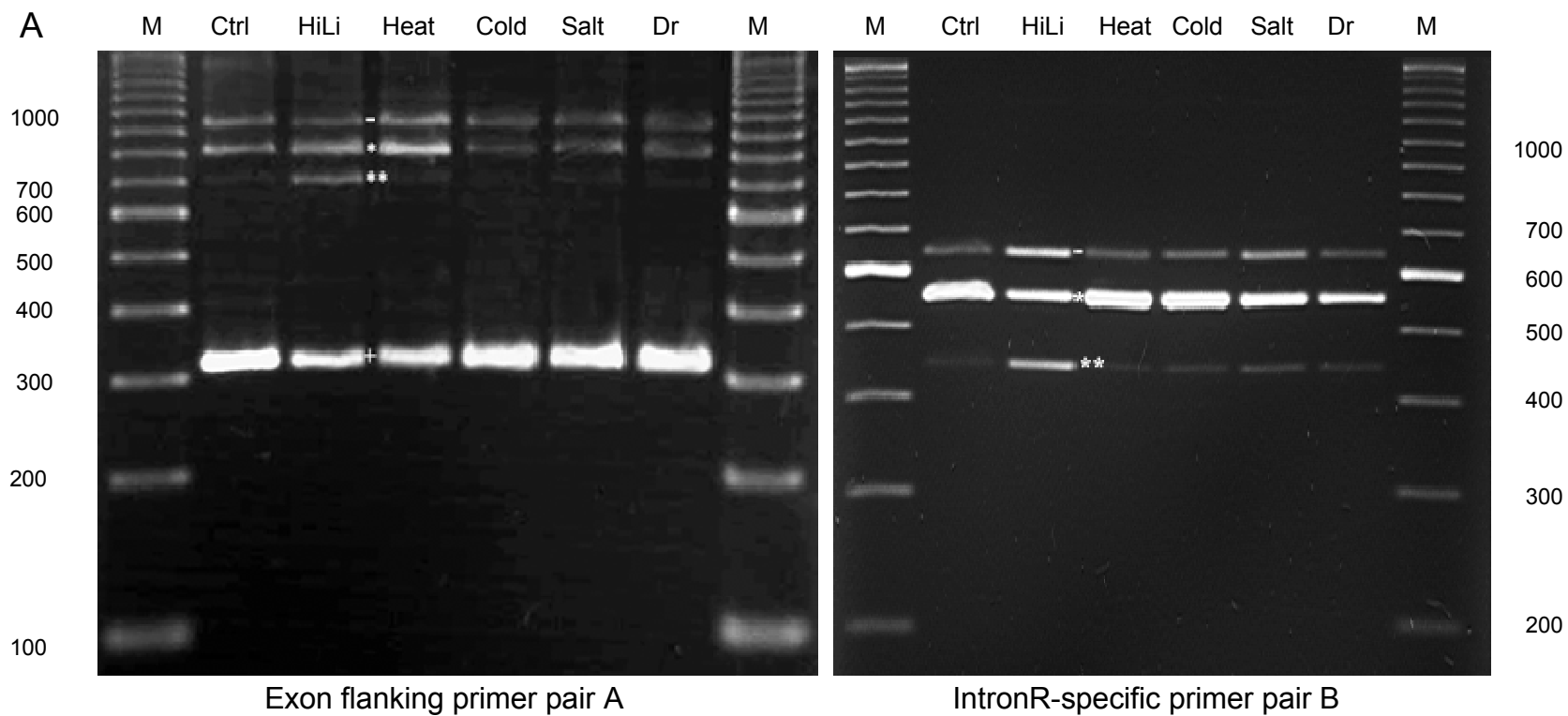


Supplementary Fig. 6

C

SJ
↓

taccgattctgaggtagtggcaaaagtgggctgagtgctagaaatTTTTgaatgttccttgtgataagccatagag	g taaacattttt	gDNA
taccgattctgaggtagtggcaaaagtgggctgagtgctagaaatTTTTgaatgttccttgtgataagccatagag	<u>g</u> taaacattttt	intronR
taccgattctgaggtagtggcaaaagtgggctgagtgctagaaatTTTTgaatgttccttgtgataagccatagag-----		intron 4a

gattttccagttctgtcatttaaacttgtagtgtcattagatttttgtttgtttacgtttgttttagagggtacaaaactactctcat		gDNA
gattttccagttctgtcatttaaacttgtagtgtcattagatttttgtttgtttacgtttgttttagagggtacaaaactactctcat		intronR 4
-----		intron 4a

ctctctc ag gtaGAGAAAGAGGCTGAAGCTAAAGGTGTAGCTATGGGTCAAGCGCTAGACATAGCTATTCCTCCTCCACGGCAGCTA		gDNA
ctctctc <u>a</u> gtaGAGAAAGAGGCTGAAGCTAAAGGTGTAGCTATGGGTCAAGCGCTAGACATAGCTATTCCTCCTCCACGGCAGCTA		intronR 4
-----GTAGAGAAAGAGGCTGAAGCTAAAGGTGTAGCTATGGGTCAAGCGCTAGACATAGCTATTCCTCCTCCACGGCAGCTA		intron 4a

D

SJ
↓

Predicted SJ sequence:	ttttgaatgttccttgtgataagccatagag gtaGAGAAAGAGGCTGAAGCTAAAGGTGTAG
SJ microread coverage:	tttgaatgttccttgtgataagccatagag gt
	ttgaatgttccttgtgataagccatagag gta
	cttgtgataagccatagag gtaGAGAAAGAGG
	tgtgataagccatagag gtaGAGAAAGAGGCT
	gtgataagccatagag gtaGAGAAAGAGGCTG
	gtgataagccatagag gtaGAGAAAGAGGCTG
	tgtgataagccatagag gtaGAGAAAGAGGCT
	agag gtaGAGAAAGAGGCTGAAGCTAAAGGTG
	ag gtaGAGAAAGAGGCTGAAGCTAAAGGTGTA