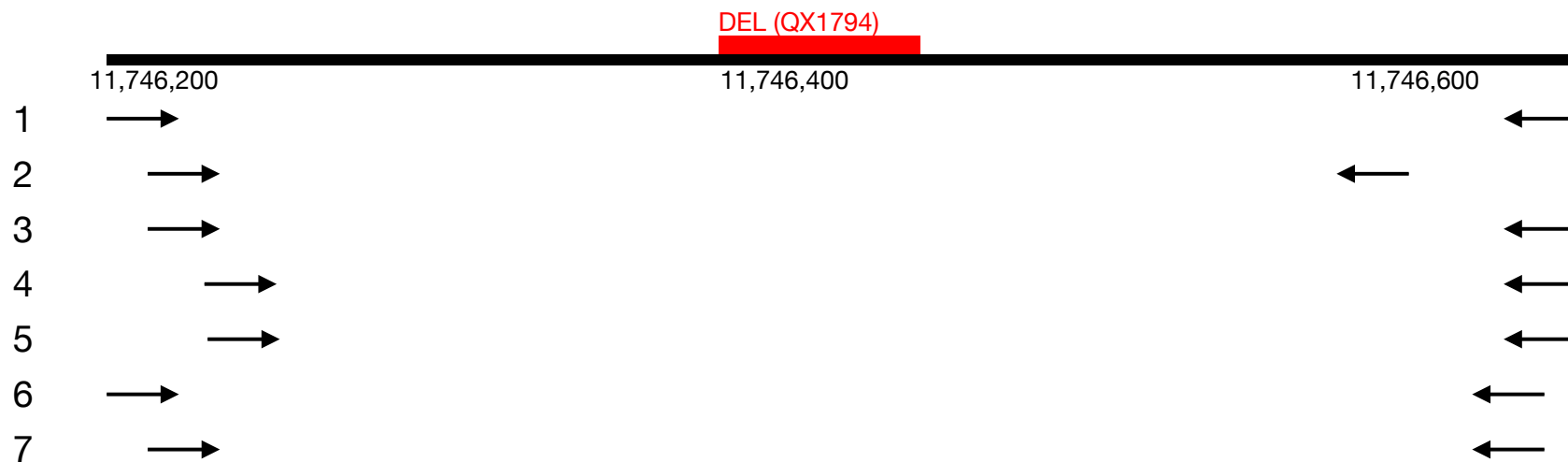


## Indel Primer Details

Indel Site	Indel Size	Variant Type	Primer Lengths	Annealing Temp	Strain 1	Strain 2
III:11746379-11746443	64	DEL	18-22 bp	55-65 °C	QX1793	QX1794

### Primers

Primer Set	Chrom	Left Primer (LP)	LP Start	LP Stop	LP Melting Temp	Right Primer (RP)	RP Start	RP Stop	RP Melting Temp	QX1793 (REF) amplicon size	QX1794 (ALT) amplicon size
1	III	AAAACCCCTGCGTCTCTCAG	11746185	11746205	59.965	TTATGAAATCCCGCGGTCCC	11746631	11746651	60.179	466	402
2	III	CTCTCAGGCCATATCTGCGG	11746198	11746218	60.038	AGTTTTTGGTGGGAGACGGG	11746578	11746598	60.179	400	336
3	III	CTCTCAGGCCATATCTGCGG	11746198	11746218	60.038	TTATGAAATCCCGCGGTCCC	11746631	11746651	60.179	453	389
4	III	GGTAGATTTACGGCGCGTTG	11746216	11746236	59.7	TTATGAAATCCCGCGGTCCC	11746631	11746651	60.179	435	371
5	III	GTAGATTTACGGCGCGTTGC	11746217	11746237	60.315	TTATGAAATCCCGCGGTCCC	11746631	11746651	60.179	434	370
6	III	AAAACCCCTGCGTCTCTCAG	11746185	11746205	59.965	CCGCGGTCCCCATATAAAC	11746621	11746641	60.605	456	392
7	III	CTCTCAGGCCATATCTGCGG	11746198	11746218	60.038	CCGCGGTCCCCATATAAAC	11746621	11746641	60.605	443	379



The red line indicates the location of the indel. Arrows indicate the locations of primer sets.