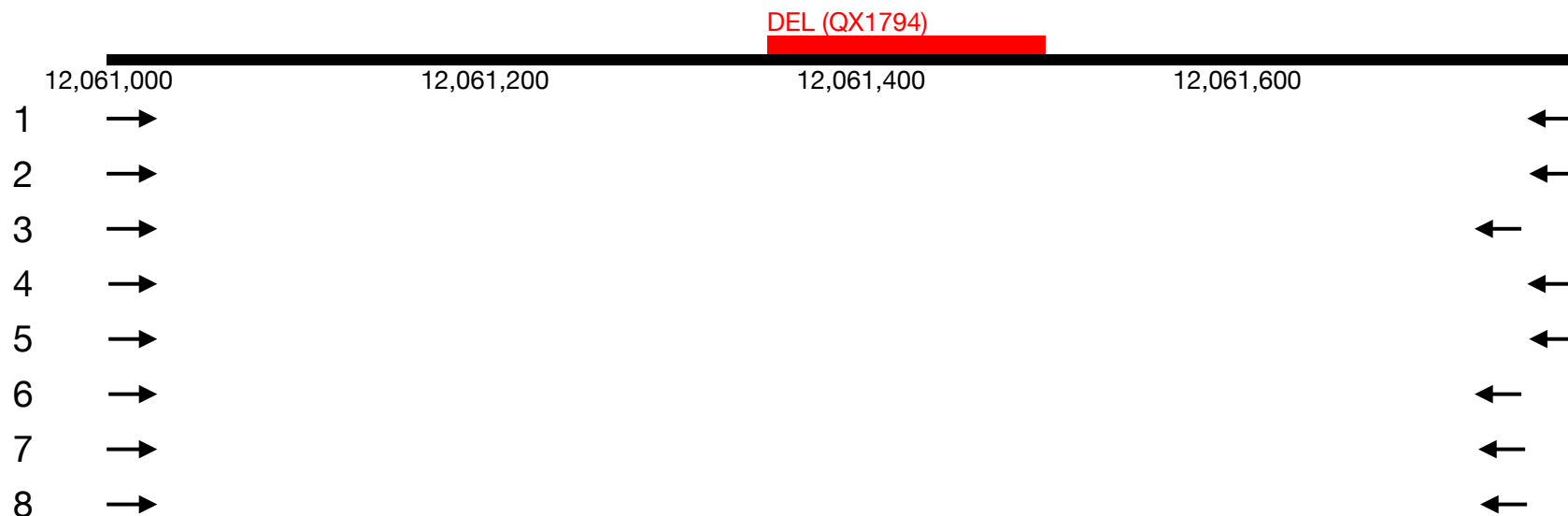


Indel Primer Details

Indel Site	Indel Size	Variant Type	Primer Lengths	Annealing Temp	Strain 1	Strain 2
III:12061350-12061498	148	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	QX1794 (REF) amplicon size	QX1793 (ALT) amplicon size
1	III	TCCGAAAATTTGAATCCCGCC	12060999	12061021	60.094	CAGTTGTGTCGTTGAGCTGC	12061759	12061779	60.042	780	632
2	III	TCCGAAAATTTGAATCCCGCC	12060999	12061021	60.094	GCAGTTGTGTCGTTGAGCTG	12061760	12061780	60.042	781	633
3	III	TCCGAAAATTTGAATCCCGCC	12060999	12061021	60.094	CGTTTGTGGCATCGTTCGAG	12061731	12061751	60.179	752	604
4	III	CCGAAAATTTGAATCCCGCC	12061000	12061021	58.733	CAGTTGTGTCGTTGAGCTGC	12061759	12061779	60.042	779	631
5	III	CCGAAAATTTGAATCCCGCC	12061000	12061021	58.733	GCAGTTGTGTCGTTGAGCTG	12061760	12061780	60.042	780	632
6	III	CCGAAAATTTGAATCCCGCC	12061000	12061021	58.733	CGTTTGTGGCATCGTTCGAG	12061731	12061751	60.179	751	603
7	III	TCCGAAAATTTGAATCCCGCC	12060999	12061021	60.094	GACGTTTGTGGCATCGTTCG	12061733	12061753	60.45	754	606
8	III	TCCGAAAATTTGAATCCCGCC	12060999	12061021	60.094	CGACGTTTGTGGCATCGTTC	12061734	12061754	60.45	755	607



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