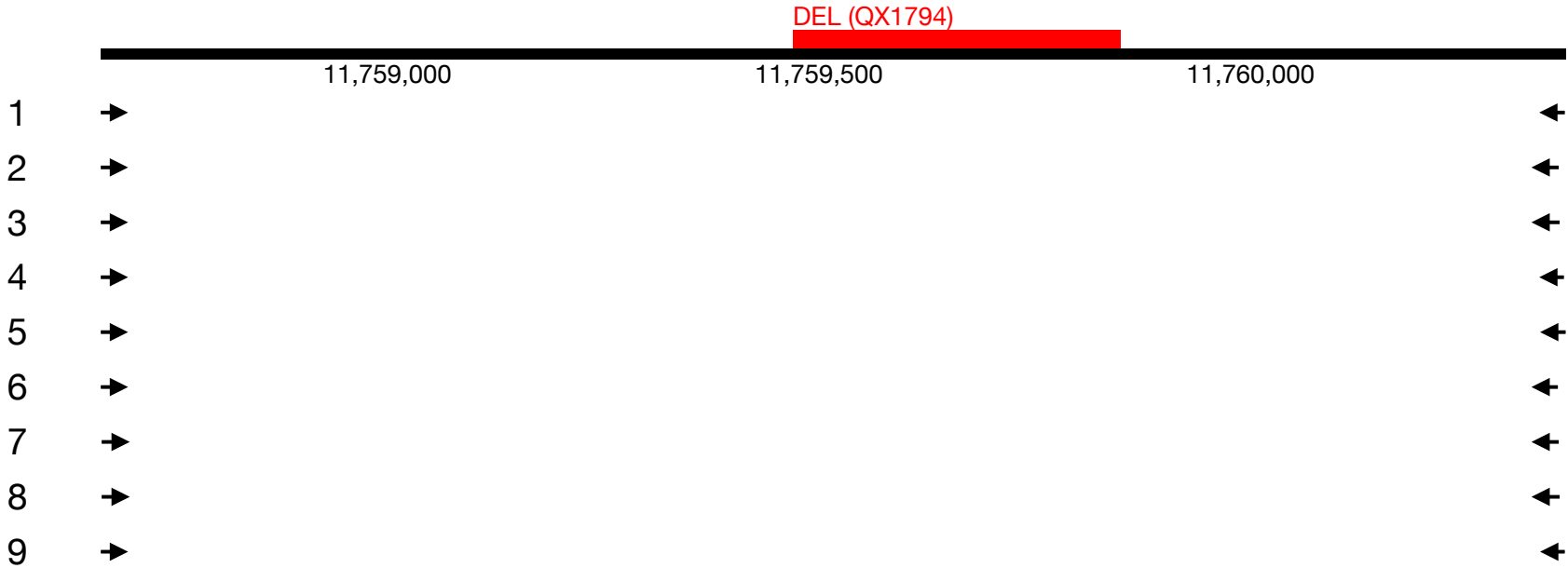


Indel Primer Details

Indel Site	Indel Size	Variant Type	Primer Lengths	Annealing Temp	Strain 1	Strain 2
III:11759470-11759849	379	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	CGGGGATCTTCCGGAAGTATG	11758668	11758689	59.999	GTAGGCGAGGCAAAGCAGG	11760345	11760364	61.109	1696	1317
2	III	CGGGGATCTTCCGGAAGTATG	11758668	11758689	59.999	AGGCAAAGCAGGCGATAATAC	11760336	11760357	58.778	1689	1310
3	III	CGGGGATCTTCCGGAAGTATG	11758668	11758689	59.999	GAGGCAAAGCAGGCGATAATAC	11760336	11760358	59.776	1690	1311
4	III	CGGGGATCTTCCGGAAGTATG	11758668	11758689	59.999	TAGGCGAGGCAAAGCAGG	11760345	11760363	59.731	1695	1316
5	III	CGGGGATCTTCCGGAAGTATG	11758668	11758689	59.999	CGTAGGCGAGGCAAAGCAG	11760346	11760365	61.456	1697	1318
6	III	CGGGGATCTTCCGGAAGTATG	11758668	11758689	59.999	GGCAAAGCAGGCGATAATAC	11760336	11760356	57.312	1688	1309
7	III	GGGGATCTTCCGGAAGTATGTG	11758669	11758691	60.224	AGGCAAAGCAGGCGATAATAC	11760336	11760357	58.778	1688	1309
8	III	GGGGATCTTCCGGAAGTATGTG	11758669	11758691	60.224	GAGGCAAAGCAGGCGATAATAC	11760336	11760358	59.776	1689	1310
9	III	CGGGGATCTTCCGGAAGTATG	11758668	11758689	59.999	GTAGGCGAGGCAAAGCAG	11760346	11760364	58.509	1696	1317



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