

			10	20	30	40	50
Reference	1					
HighDeltaPOST	1		AGCCTGGCGACAGAGCGAGACTGTGTCTCAAAACAAAAACAAAAACAAA				
LowDeltaPOST	1		-GGGTACC-ACAGAGCGAGACTGTGTCTCAAAACAAAAACAAAAACAAA				
			60	70	80	90	100
Reference	51					
HighDeltaPOST	49		AAAAACCCTGCAGTTGCTTCCATGTTTAGGCGCTGCCACCAAGGGTCCC				
LowDeltaPOST	49		AAAAACCCTGCAGTTGCTTCCATGTTTAGGCGCTGCCACCAAGGGTCCC				
			110	120	130	140	150
Reference	101					
HighDeltaPOST	99		AAGTTGGAAGGAAGGAGGAGAGAGGCAGAGAGAGAGAGAGAGAGAGA				
LowDeltaPOST	99		AAGTTGGAAGGAAGGAGGAGAGAGGCAGAGAGAGAGAGAGAGAGAGA				
			160	170	180	190	200
Reference	151					
HighDeltaPOST	140		GA--GAGAGAGAAGCGGAGAGCGGCCCTGTAATTGAGCAGAAAGGAAAG				
LowDeltaPOST	149		---GAGAGAGAAGCGGAGAGCGGCCCTGTAATTGAGCAGAAAGGAAAG				
			210	220	230	240	250
Reference	199					
HighDeltaPOST	187		GGAGAAAAATGAATCCCAAACCTTTGGGCTTACCTCTTTCTGCTGGCTGGC				
LowDeltaPOST	199		GGAGAAAAATGAATCCCAAACCTTTGGGCTTACCTCTTTCTGCTGGCTGGC				
			260	270	280	290	300
Reference	249					
HighDeltaPOST	237		TCGCCAAAATATGTTAACGGTAGAGGATGTCCAGGTTCTTGGCATCTTGA				
LowDeltaPOST	249		TCGCCAAAATATGTTAACGGTAGAGGATGTCCAGGTTCTTGGCATCTTGA				
			310	320	330	340	350
Reference	299					
HighDeltaPOST	287		ACAAACAATTGGACAAAATGCACAAACAAAGCAAGAAAGGAATGAAGGAT				
LowDeltaPOST	299		ACAAACAATTGGACAAAATGCACAAACAAAGCAAGAAAGGAATGAAGGAT				
			360	370	380	390	400
Reference	349					
HighDeltaPOST	337		TTTATTGAAAATGAAAGTACACTCCACAGTGTGGGAGCGAGCATGAGCAT				
LowDeltaPOST	349		TTTATTGAAAATGAAAGTACACCCCAGTGTGGGAGCGAGCATGAGCAT				
			410	420	430	440	450
Reference	399					
HighDeltaPOST	387		AGGGGCTCAAAGGCCCTGTTACA----TTTTGTGAGTTTAAATACCCTCT				
LowDeltaPOST	399		AGGGGCTCAAAGGCCCTGTTACA----TTTTGTGAGTTTAAATACCCTCT				
			460	470	480	490	500
Reference	445					
			ACTTGGGGTACACCCTATGTAATGAAGAGGATGAAGTAAAGTTACAGTT				

HighDeltaPOST	437	ACTTGGGGTACACCCTATGTAAATGAAGAGGATGAAGTAAAGTTACAGTT
LowDeltaPOST	445	ACTTGGGGTACACCCTATGTAAATGAAGAGGATGAAGTAAAGTTACAGTT
		<div style="display: flex; justify-content: space-between; width: 100%;"> 510 520 530 540 550 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	495	ACAAAGTTATTAATGGCGGGCATAACGCCCTATGGAGAGGATATT T CCCGT
HighDeltaPOST	487	ACAAAGTTATTAATGGCGGGCATAACGCCCTATGGAGAGGATATT C CCCGT
LowDeltaPOST	495	ACAAAGTTATTAATGGCGGGCATAACGCCCTATGGAGAGGATATT T CCCGT
		<div style="display: flex; justify-content: space-between; width: 100%;"> 560 570 580 590 600 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	545	TAT T AACTGAAGTGTGAATTGGCCTTATGTTCCCTGTCTCTAGACCCTATT
HighDeltaPOST	537	TAT C AACTGAAGTGTGAATTGGCCTTATGTTCCCTGTCTCTAGACCCTATT
LowDeltaPOST	545	TAT T AACTGAAGTGTGAATTGGCCTTATGTTCCCTGTCTCTAGACCCTATT
		<div style="display: flex; justify-content: space-between; width: 100%;"> 610 620 630 640 650 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	595	CTCCTGCTTCCTGTGAAAGCAGAGGGTTTTGTTTGTGTTTTTGTCTTTTTGT
HighDeltaPOST	587	CTCCTGCTTCCTGTGAAAGCAGAGGGTTTTGTTTGTGTTTTTGTCTTTTTGT
LowDeltaPOST	595	CTCCTGCTTCCTGTGAAAGCAGAGGGTTTTGTTTGTGTTTTTGTCTTTTTGT
		<div style="display: flex; justify-content: space-between; width: 100%;"> 660 670 680 690 700 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	645	TTTTTGAGACGGAGTCTTGCTCTGTTGCCAGGCTGGAGTGCAGTGGTGC
HighDeltaPOST	637	TTTTTGAGACGGAGTCTTGCTCTGTTGCCAGGCTGGAGTGCAGTGGTGC
LowDeltaPOST	645	TTTTTGAGACGGAGTCTTGCTCTGTTGCCAGGCTGGAGTGCAGTGGTGC
		<div style="display: flex; justify-content: space-between; width: 100%;"> 710 720 730 740 750 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	695	ACTCGGCTCACTGCAACTTCCGCCTTCCCGGGTTCAAGCGATTCTCCTGG
HighDeltaPOST	687	ACTCGGCTCACTGCAACTTCCGCCTTCCCGGGTTCAAGCGATTCTCCTGG
LowDeltaPOST	695	ACTCGGCTCACTGCAACTTCCGCCTTCCCGGGTTCAAGCGATTCTCCTGG
		<div style="display: flex; justify-content: space-between; width: 100%;"> 760 770 780 790 800 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	745	CTCAGCCTCCGGAGTAGCTAGGACTACAGGCGCGTGTCAACCATGTCCCAG
HighDeltaPOST	737	CTCAGCCTCCGGAGTAGCTAGGACTACAGGCGCGTGTCAACCATGTCCCAG
LowDeltaPOST	745	CTCAGCCTCCGGAGTAGCTAGGACTACAGGCGCGTGTCAACCATGTCCCAG
		<div style="display: flex; justify-content: space-between; width: 100%;"> 810 820 830 840 850 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	795	CTAATCTTTCTTTATTTTTAGTAGAGACGTGTTAGCCAGGTTTACCCGTG
HighDeltaPOST	787	CTAATCTTTCTTTATTTTTAGTAGAGACGTGTTAGCCAGGTTTACCCGTG
LowDeltaPOST	795	CTAATCTTTCTTTATTTTTAGTAGAGACGTGTTAGCCAGGTTTACCCGTG
		<div style="display: flex; justify-content: space-between; width: 100%;"> 860 870 880 890 900 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	845	TTACCGTGTTACCGTATTCCAGCCGGGCTCCGCCCTGGATTCCGGTGGAC
HighDeltaPOST	837	TTACCGTGTTACCGTATTCCAGCCGGGCTCCGCCCTGGATTCCGGTGGAC
LowDeltaPOST	845	TTACCGTGTTACCGTATTCCAGCCGGGCTCCGCCCTGGATTCCGGTGGAC
		<div style="display: flex; justify-content: space-between; width: 100%;"> 910 920 930 940 950 </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: small;"> </div>
Reference	895	AGAC C AGCTTTACCTCCAGAGACTCCCCCTGTCTTCCCTGCACCCGGCTGA
HighDeltaPOST	887	AGAC C AGCTTTACCTCCAGAGACTCCCCCTGTCTTCCCTGCACCCGGCTGA
LowDeltaPOST	895	AGAC C AGCTTTACCTCCAGAGACTCCCCCTGTCTTCCCTGCACCCGGCTGA

960 970 980 990 1000
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 945 CTATACCTACACACTTCGGTGGCACAATCTTTGTTTAGATATGCTGATGC
 HighDeltaPOST 937 CTATACCTACACACTTCGGTGGCACAATCTTTGTTTAGATATGCTGATGC
 LowDeltaPOST 945 CTATACCTACACACTTCGGTGGCACAATCTTTGTTTAGATATGCTGATGC

1010 1020 1030 1040 1050
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 995 CTTTCCTTCGCTGGGAACGGTCCAGTCTTGCCCGCCTGGCGCTCAGCTCTG
 HighDeltaPOST 987 CTTTCCTTCGCTGGGAACGGTCCAGTCTTGCCCGCCTGGCGCTCAGCTCTG
 LowDeltaPOST 995 CTTTCCTTCGCTGGGAACGGTCCAGTCTTGCCCGCCTGGCGCTCAGCTCTG

1060 1070 1080 1090 1100
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 1045 CGGATCTCAGGGGATGGAGTGGCAATCTCATTGCTCCCGCCTCTCCTGAC
 HighDeltaPOST 1037 CGGATCTCAGGGGATGGAGTGGCAATCTCATTGCTCCCGCCTCTCCTGAC
 LowDeltaPOST 1045 CGGATCTCAGGGGATGGAGTGGCAATCTCATTGCTCCCGCCTCTCCTGAC

1110 1120 1130 1140 1150
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 1095 CCCTCTCGCCTTCTCCTCGAGACCCGGGTTAAGTGGGCAGAGGGCTCCGA
 HighDeltaPOST 1087 CCCTCTCGCCTTCTCCTCGAGACCCGGGTTAAGTGGGCAGAGGGCTCCGA
 LowDeltaPOST 1095 CCCTCTCGCCTTCTCCTCGAGACCCGGGTTAAGTGGGCAGAGGGCTCCGA

1160 1170 1180 1190 1200
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 1145 GGGTCCTCTCCCGCCGTGGGATTGCACAGAGGGCTGGGTCCGCAGGCTGG
 HighDeltaPOST 1137 GGGTCCTCTCCCGCCGTGGGATTGCACAGAGGGCTGGGTCCGCAGGCTGG
 LowDeltaPOST 1145 GGGTCCTCTCCCGCCGTGGGATTGCACAGAGGGCTGGGTCCGCAGGCTGG

1210 1220 1230 1240 1250
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 1195 CTAAAAGGACCTAGCCAGGATTGCGAGGCAGCGCCCTCCCTGCAGCTGG
 HighDeltaPOST 1187 CTAAAAGGACCTAGCCAGGATTGCGAGGCAGCGCCCTCCCTGCAGCTGG
 LowDeltaPOST 1195 CTAAAAGGACCTAGCCAGGATTGCGAGGCAGCGCCCTCCCTGCAGCTGG

1260 1270 1280 1290 1300
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 1245 ACAGACTCGGGCGCCCGGCCAAAGCCCGGCAGGGGCGTGTCCGCGCGCT
 HighDeltaPOST 1237 ACAGACTCGGGCGCCCGGCCAAAGCCCGGCAGGGGCGTGTCCGCGCGCT
 LowDeltaPOST 1245 ACAGACTCGGGCGCCCGGCCAAAGCCCGGCAGGGGCGTGTCCGCGCGCT

1310 1320 1330 1340 1350
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 1295 CACCTGCTATTGGCCAGGTGGGGCTGTCCGCTGCCAGCAGTGCTTATGCT
 HighDeltaPOST 1287 CACCTGCTATTGGCCAGGTGGGGCTGTCCGCTGCCAGCAGTGCTTATGTT
 LowDeltaPOST 1295 CACCTGCTATTGGCCAGGTGGGGCTGTCCGCTGCCAGCAGTGCTTATGCT

1360 1370 1380 1390
|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|
 Reference 1345 TTAAGTGGCGAGCGGGTGGCTGCGGAGCCAGGCGCGGCGCAG
 HighDeltaPOST 1337 TTAAGTGGCGAGCGGGTGGCTGCGGAGCCAGGCGCGGCGCAG
 LowDeltaPOST 1345 TTAAGTGGCGAGCGGGTGGCTGCGGAGCCAGGCGCGGCGCAG