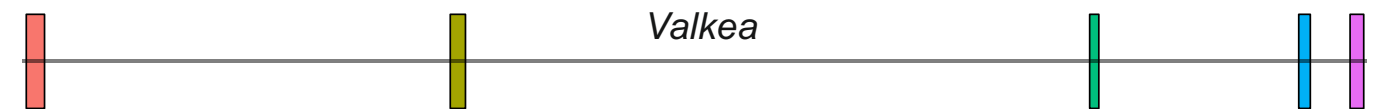


A



Exon 1 wt	CCTCCAGACCCAGTTCTTCTGGAAAAATTTCAAC CTGAGAACACGGTACCTACG GGGCTT
010-6 KO	CCTCCAGACCCAGTTCTTCTGGAAAAATTTCAATCTGAGAACACGG-----TACGGGGCTT
010-2 KO	CCTCCAGACCCAGTTCTTCTGGAAAAATTTCAAC CTGAGAACACGG TACGTACGGGGCTT

Exon 2 wt	GCTTACCCTGATTGG TCGTGGCATTCTGCCGGCCG TGGTGACATCAACTGCACCGGACTG
064-4 KO	GCTTACCCTGATTGGTCGTGGCATTCT-----GCCGTGGTGACATCAACTGCACCGGACTG

Exon 3 wt	GTCCG AAGTGTATACTTCCCCGAG AACTGCTACGGCCCAGCTCTCTGCTTACTAATAT
068-6 KO	GTCCGAAGTGTATACTTCCCCGAGAACTGCTACGGCCCAGCTCTCTGCTTACTAATAT
.	▲ AGGTCAGGTTCTTGTA

Exon 3 wt	TCGTCATCGTGTGACCATCT CTTCGCTTACATCAGTGACA CGGTGGCTCCAG
001-4 KO	TCGTCATCGTGTGACCATCTCTTCGCTTACATCAG-----G

ATCG	PAM site
----	Deletion
ATCG	Variant site
ATCG	Insertion

B



Exon 1 wt	TTTCAAC CTGAGAACACGGTACCTACG GGGCTTGAAATAGGGTGGGA
010-6 KO	TTTCAAYCTGAGAACACGGT-----ACGGGGCTTGAAATAGGGTGGGA
010-2 KO	TTTCAACCTGAGAACACGGTACCTACGGGGCTTGAAATAGGGTGGGA
	▲ ACCTATGACCTACCTA

Exon 2 wt	GCGTACCCTGATTGG TCGTGGCATTCTGCCGGCCG TGGTGACATCAACTGCACCGGACT
064-6 KO	GCGTACCCTGATTGGTCGTGGCATTCT---GGCCGTGGTGACATCAACTGCACCGGACT

Exon 3 wt	GTCCG AAGTGTATACTTCCCCGAG AACTGCTACGGCCCAGCTCTCTGCTTACTAA
001-4 KO	GTCCGAAGTGTATACTTCCCCGAGAACTGCTACGGCCCAGCTCTCTGCTTACTAA
068-6 KO	GTCCGAAGTGTATACTTCCCCGAGAACTGCTACGGCCCAGCTCTCTGCTTACTAA
	▲ ATA

Exon 3 wt	CGTGTGACCATCT CTTCGCTTACATCAGTGACA CGGTGGCTCCAG
068-6 KO	CGTGTGACCATCTCTTCGCTTACATCAGTGACACGGTGGCTCCAG
001-4 KO	CGTGTGACCATCTCTTCGCTTACATCAGTGACACGGTGGCTCCAG
	▲ TAAGCGAAGTGGCTA