

A

ADGRA2

```
CACCTCATCCCGTCCCTACGCCAAGTGGTGTTCACAGGGGGATCGGCTGCCCTTCCAGTGCTCTGCCAGCTACCTG
H L I P S L R Q V V F Q G D R L P F Q C S A S Y L
GGCAACGACACCCGCATCCGCTGGTACCACAACCGAGCCCCTGTGGAGGGTGATGAGCAGGCGGGCATCCTCCTG
G N D T R I R W Y H N R A P V E G D E Q A G I L L
GCCGAGAGCCTCATCCACGACTGCACCTTCATCACCAGTGAGCTGACG
A E S L I H D C T F I T S E L T
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ADGRA2^{-/-}

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CACCTCA-----CCTACGCCAAGTGGTGTTCACAGGGGGATCGGCTGCCCTTCCAGTGCTCTGCCAGCTACCTGG
H L           T Y A K W C S R G I G C P S S A L P A T W
GCAACGACACCCGCATCCGCTGGTACCACAACCGAGCCCCTGTGGAGGGTGATGAGCAGGCGGGCATCCTCCTGG
A T T P A S A G T T T E P L W R V M S R R A S S W
CCGAGAGCCTCATCCACGACTGCACCTTCATCACCAGTGAGCTGA
P R A S S T T A P S S P V S *
```

B

RECK

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GAGATTGTTGATGGTCTCATCGAGGGTTGTAAG
E I V D C L I E C C K
```

RECK^{-/-}

```
GAGATTGTTGATGGTCTCATTCGAGGGTTGTAAG
E I V D G L I R G L *
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Bostaille et al. Fig. S1

Fig. S1: *ADGRA2*^{-/-} and *RECK*^{-/-} HEK293T mutations

(A) The CRISPR/Cas9 guide RNA targets the sequences highlighted in blue belonging to exon 7 of *ADGRA2* and corresponding to the Ig-like domain. In the recovered mutant clone, *ADGRA2* contains a homozygous seven nucleotide deletion leading to a premature stop codon after 60 amino acids (altered sequence in bold). **(B)** The CRISPR/Cas9 guide RNA targets the sequence highlighted in blue belonging to exon 9 of *RECK* and corresponding to the fourth 6-cysteine motif. In the recovered mutant clone, *RECK* harbors a homozygous one nucleotide insertion leading to a premature stop codon after 3 amino acids (altered sequence in bold).