

Table S1 TALEN recognition sequences and the amino acid identity of the repeat variable di-residues (RVDs) in the corresponding TALENs

TALEN	TALEN recognition sequences (bold and underlined) & Amino acid sequence of the RVDs
<i>Sry</i> pair 1	5' <u>TGGCCCAGCAGAAT</u> CCCAGCATGCAAAATACAGAGATCAGCAAGC 3' ACCGGGTCGTCTTAGGGTCGTACGTTTTAT <u>GTCTCTAGTCGTTCG</u> NG NN NN HD HD HD NI NN HD NI NN NI NI NG (Left TALEN) NN HD NG NG NN HD NG NN NI NG HD NG HD NG NN NG (Right TALEN)
<i>Sry</i> pair 2	5' <u>GAATGCATTTATGGTGT</u> GGTCCCCTGGTGAGAGGCACAAGTTGGCCCAGC 3' CTTACGTAAATACCACACCAGGGCACCACCT <u>TCCGTGTTCAACGGGTCG</u> NN NI NI NG NN HD NI NG NG NG NI NG NN NN NG NN NG NN HD NG NN NN NN HD HD NI NI HD NG NG NN NG NN HD HD NG
<i>Uty</i> pair 1	5' <u>ACGGATTATCTCTCACTACT</u> GCTGCCCTAGGTAATGAGGAAAAGAAAATGGCGGCGG 3' TGCCTAATAGAGAGTGATGACGACGGGATCCATTACT <u>TCCTTTTCTTTTACCGCGCC</u> NI HD NN NN NI NG NG NI NG HD NG HD NG HD NI HD NG NI HD NG HD HD NN HD HD NN HD HD NI NG NG NG NG HD NG NG NG NG HD HD NG
<i>Uty</i> pair 2	5' <u>ATCTCTCACTACTGCT</u> GCCCTAGGTAATGAGGAAAAGAAAATGGCGGCGG 3' TAGAGAGTGATGACGACGGGATCCATTACTC <u>TTTTCTTTTACCGCGCC</u> NI NG HD NG HD NG HD NI HD NG NI HD NG NN HD NG HD HD NN HD HD NN HD HD NI NG NG NG NG HD NG NG NG NG