| Category | Mismatches | Target / PAM | UCSC gene ID | Locus | Gene |
|----------|-----------|--------------|--------------|-------|------|
| Target   | GGAGGAACCCAGGGGAAGC(CGG) | 0 / Yes | NM_011170 chr:131762254 | prion gene (Prnp) |
| Predicted off-target sites | GGGAGAACCCAGGGGAAGC(CGG) | 3 / Yes | NM_019764 chr:1-102625906 | angiomotin-like 2 (Amotl2) |
|          | GGGAGAACAGTGGGGAAGC(GAG) | 4 / No | NM_027062 chr:1-1152801119 | ATP synthase, H+ transporting, mitochondria, subunit d (Atp5d) |
|          | GGGAGAACACGGGGGAAGC(TGG) | 4 / Yes | NM_207682 chr:4-145562126 | kininogen family member 1B (K1b) |
|          | GGGAGAACACGGGGGAAGC(GAG) | 4 / No | NM_008881 chr:1-920618 | pleiomax 1 (Pmax1) |
|          | GGGAGAACACGGGGGAAGC(CGG) | 4 / Yes | NM_01159394 chr:4-158562126 | kinesin family member 1B (Kif1b) |
|          | GGGAGAACCCAGGGGAAGA(GAG) | 4 / No | NM_008881 chr:6-89268182 | pleiotxin A1 (Plxna1) |
|          | GGGAGAACCCAGGGGAAGC(CGG) | 4 / Yes | NM_001159394 chr:16-55818089 | nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, zeta (NfkbiZ) |
|          | GGGAGAACCCAGGGGAAGC(CAG) | 4 / No | NM_001114339 chr:19-34953785 | pantothenate kinase 1 (Pank1) |
|          | GGGAGAACCCAGGGGAAGC(CAG) | 4 / No | NM_001130030 chr:1-80210386 | family with sequence similarity 124, member B (Fam124b) |
|          | GGGAGAACCCAGGGGAAGG(GAG) | 4 / Yes | NM_001033285 chr:1-182064480 | CDC42 binding protein kinase alpha (Cdc42bpa) |
|          | GGGAGAACCCAGGGGAAGC(CAG) | 4 / No | NM_173425 chr:1-80210386 | family with sequence similarity 124, member B (Fam124b) |
|          | GGGAGAACCCAGGGGAAGC(CAG) | 4 / No | NM_0028038 chr:4-110054156 | leucine rich repeat containing 2 (Lrrc2) |
| Target   | TTGGCCACCATCACCGCAT(GGG) | 0 / Yes | NM_011170 chr:2-211762254 | prion protein (Prnp) |
| Predicted off-target sites | TTGGCCACCATCACCGCAT(GGG) | 0 / Yes | NM_011170 chr:2-211762254 | prion protein (Prnp) |
|          | ATGGCCGCTACACGCCGCTAC(CAG) | 4 / No | NM_145332 chr:7-50920753 | cystosolic dihydroribosylase subunit 1 homolog (E. coli) (Chs1) |
|          | TGGCCCTCTGGGGAACACG(GAG) | 4 / Yes | NM_045735 chr:1-126326243 | REN-cDNA F42014823 gene (F42014823B) |
|          | AAGGAGCCTACACGGGAAGC(TGG) | 4 / No | NM_001053731 chr:19-10872901 | CD8 antigen transcript variant 1 (Cd8a) |
|          | GGGGCCCTTCAACCCCATGC(CAG) | 4 / No | NM_008535 chr:8-8722594 | lymphoblastoid leukemia 1 (Lpl1) |
|          | TTGACCACTGCTACAGGGCAT(TGG) | 4 / Yes | NM_0025658 chr:1-66761187 | ribulose-5-phosphate-3-epimerase (Rpe) |
|          | TTGACCACTGCTACAGGGCAT(CAG) | 4 / Yes | NM_00164533 chr:3-80722175 | death associated protein 3 (Daps3) |
|          | ATGGCCGCTACACGCGAGT(GAG) | 4 / No | NM_001035672 chr:10-37304293 | proteasome alpha subfamily C 2 (Pspc2) |
|          | TGCCCGCTACACGTCGGCAT(CAG) | 4 / Yes | NM_294333 chr:1-55122208 | sulite carrier family 23 (solute transporters), member 3 (Skl23a3) |
|          | TGGCCACCATCACCGCGGATGG(GAG) | 4 / No | NM_001170 chr:2-131762336 | prion protein (Prnp) |
|          | TTGGCCACCATCACCGCGGAGG(GAG) | 4 / No | NM_026668 chr:5-116895560 | serine/arginine repetitive matrix 4 (Srm4) |