

A

Genome alignment

Human agATTTCTTCAGCATAATTGCATTAGACACATATCCA GGAAAGCATTTTTTTGGATTATGTAATCTGCAAATATTgt
 Blind mole rat agATATCTTCAGCATAATTGCATTAGGCATATATCCA [200 bp] GGAAAGCATTTTTTTGGATTATATAATCTGCAAATATTgt
 **** ***** ** *****

B

CESAR alignment

Human agATTTCTTCAGCATAATTGCATTAGACACATATCCAGGAAAGCATTTTTTTGGATTATGTAATCTGCAAATATTgt
 Blind mole rat agATATCTTCAGCATAATTGCATTAGGCATATATCCA GGAAAGCATTTTTTTGGATTATATAATCTGCAAATATTgt
 **** ***** ** *****

C

Blind mole rat genome: nanGal1 KL205478:3,579,620-3,579,895

AGATATCTTCAGCATAATTGCATTAGGCATATATCCA GGAAAGCATTTTTTTGGATTATATAATCTGCAAATATTGTGAGT
 AACTCCTTTATAACTCCTTTATAGTTATATTGGGGGGGCTGGAGAGATGGCTCAGTGGTTAAGAAGACTGGTTGTTCTTG
 CAGAAGACCTGGATTCGAATCCCAGCGTCTTATTCTTTCC AGATATCTTCAGCATAATTGCATTAGGCATATATCCAGGA
 AAGCATTTTTTTGGATTATATAATCTGCAAATATTGT