

-3880

GGATCCTCGAAATCGAGAGCGACCTCGCTGCATTAGAAAACTAGATCAGTTTTTTGTTTT
K12 K39 H49

GGCCGACCGATTTTGTGCCCGGTGCTCTCTTTACGGTTTATGGCCGCGTTCCCATTTCC
K64r H71 K84r K108r

CAGCTTCTTTGTTCCGGGCTCAGAAATCTGTATGGAATTATGGTATATGCAGATTTTTAT
H174

S198

GGGTCCCGGCGATCCGGTTCGCGGAACGGGAGTGTCCTGCCGCGAGAGGTCTCGCCGGC

GATCCTTGTCGCCCGTATTAGGAAAGTAGATCACGTTTTTTGTTCCATTGTGCGCTTTT
K264 H275 H297

S319

TTCGTCGCGTAGTTTTTTTCCCGAACCCAGCGAACTGCTCTAATTTTTTAATTCTTCA
K306r H314 K338r H347

Z413r

CGGCTTTTCATTGGGCTCCTGGAAAAACGCGGACAAGGTTATAACGCTCTACTTACCTGC
K405r

AATTGTGGCCATAACTCGCACTGCTCTCGTTTTTAAGATCCGTTTGTGTTTGTGTTTGTGTG
K442r H450

TCCGCGATGGCATTACAGTTTTTACGGAGCTC
K479r H499

Legend:

Purple: STAT

Blue: Zelda

Green: Knirps

Red: Hunchback

Brown: overlap between repressors

Orange: overlap between activators and repressors