

# MA0742.1.K1f12

n = 134

KO  
WT

1.43  
0.23

-100

0

99

Sequence logo showing nucleotide conservation across the MA0742.1.K1f12 region. The x-axis represents the position from -100 to 99, centered on the start of the gene (position 0). The y-axis represents the information content in bits, ranging from 0.23 to 1.43. The sequence is color-coded by nucleotide: A (green), C (blue), G (orange), and T (red). The logo shows a strong conservation of the sequence 5'-GAGGAGGAGG-3' at the start of the gene (positions -10 to 10), with a peak of conservation around position 0. The conservation is significantly lower in the flanking regions, particularly upstream (negative positions) and downstream (positive positions).