

Supplementary Table 17		
All binding sites		
Length	Not significantly downregulated	Significantly downregulated
Short	1627	475
Long	1936	1591
$\chi^2(1, N=5632) = 286.17, p < 2.2e-16$		
Single binding site		
Length	Not significantly downregulated	Significantly downregulated
Short	1501	401
Long	1541	1114
$\chi^2(1, N=4560) = 216.66, p < 2.2e-16$		
Multiple binding sites		
Length	Not significantly downregulated	Significantly downregulated
Short	126	74
Long	395	477
$\chi^2(1, N=1072) = 19.71, p = 9.04e-06$		

Supplementary Table 8 number of genes that have one or more (all binding sites), one (single binding site), two or more (multiple binding sites) in a short or long gene and are either not significantly downregulated or significantly downregulated. In all cases the long genes are more likely significantly downregulated than the short genes.