

Supplementary Table 25		
All binding sites at < 33% knockdown		
Gene expression level	Not significantly downregulated	Significantly downregulated
Intermediate	1579	765
High	1481	1091
$\chi^2(1, N=4916) = 49.52, p = 1.97e-12$		
Single binding site at < 33% knockdown		
Gene expression level	Not significantly downregulated	Significantly downregulated
Intermediate	1376	596
High	1316	862
$\chi^2(1, N=4916) = 39.33, p = 3.58e-10$		
Multiple binding sites at < 33% knockdown		
Gene expression level	Not significantly downregulated	Significantly downregulated
Intermediate	203	169
High	165	229
$\chi^2(1, N=766) = 11.84, p = .0006$		

Supplementary Table 16 investigation of genes showing a degree of knockdown smaller than 33%. The number of genes that have one or more (all binding sites), one (single binding site), two or more (multiple binding sites) in genes with intermediate or high expression that are either not significantly downregulated or significantly downregulated. For all subgroups of genes, expression levels seems to influence the activity of ASOs and genes showing a higher expression are more likely significantly downregulated.