

Supplementary Table 23		
All binding sites		
Gene expression level	Not significantly downregulated	Significantly downregulated
Intermediate	1579	1093
High	1481	1308
$\chi^2(1, N=5461) = 19.65, p = 9.3e-06$		
Single binding site		
Gene expression level	Not significantly downregulated	Significantly downregulated
Intermediate	1376	797
High	1316	1006
$\chi^2(1, N=4495) = 20.37, p = 6.38e-06$		
Multiple binding sites		
Gene expression level	Not significantly downregulated	Significantly downregulated
Intermediate	203	296
High	165	302
$\chi^2(1, N=966) = 2.7, p = .1$		

Supplementary Table 14 number of genes that have one or more (all binding sites), one (single binding site), two or more (multiple binding sites) in a gene with intermediate or high expression that are either not significantly downregulated or significantly downregulated. At least for genes having a single binding site for an ASO the gene expression levels seems to influence the activity of ASOs and genes showing a higher expression are more likely significantly downregulated.