Supplementary Table 12		
Any knockdown		
	Not significantly downregulated	**Significantly downregulated**
Single binding site	4569	2136
Multiple binding sites	728	711
X^2 (1, N=8144) = 159.76, p < 2.2e-16		
< 33% knockdown		
Binding sites	**Not significantly downregulated**	**Significantly downregulated**
Single binding site	4191	1524
Multiple binding sites	624	415
X^2 (1, N= 6754) = 75.06, p < 2.2e-16		
33% – 66% knockdown		
Binding sites	**Not significantly downregulated**	**Significantly downregulated**
Single binding site	277	532
Multiple binding sites	77	259
X^2 (1, N=1145) = 13.73, p = .0002		
> 66% knockdown		
Binding sites	**Not significantly downregulated**	**Significantly downregulated**
Single binding site	101	80
Multiple binding sites	27	37
X^2 (1, N=245) = 2.99, p = .08		

Supplementary Table 3 number of genes that have one or more binding sites for an ASO and are either not significantly downregulated or significantly downregulated. For the first part ("any knockdown") the complete set is used which was then splitted into three groups depending on the degree of knockdown. Genes showing multiple binding sites are more likely significantly downregulated than genes with only one binding site. This seems also to be valid within the subgroups of genes that show a degree of knockdown<33% or33%-66%. A similar trend can also be observed in genes showing a knockdown efficacy of more than 66% but probably due to the small numbers did not show to be significant.