ID	Length	Sequence	Used for RNA-Seq	100% sequence homology # genes	group
Supplementary Table 1					
1	17	+T*+T*+A*C*A*G*G*T*G*T*A*T*G*C*+C*+A*+C	no	104	100
2	17	+T*+G*+G*C*G*C*A*A*T*C*T*C*A*G*+T*+T*+C	no	90	100
3	17	+G*+A*+A*G*T*G*A*T*C*C*T*C*C*T*+G*+C*+C	no	104	100
4	17	+A*+A*+T*T*G*A*T*T*C*T*C*C*T*G*+C*+C*+T	no	93	100
5	17	+T*+T*+C*A*A*T*T*G*A*T*T*C*T*C*+C*+T*+G	no	90	100
6	17	+T*+G*+C*A*G*T*G*G*C*G*T*G*A*T*+T*+T*+C	yes	89	100
7	17	+G*+C*+T*G*G*T*C*T*C*G*A*A*T*G*+C*+C*+T	no	85	100
8	17	+G*+G*+C*G*A*C*A*A*G*A*G*C*G*A*+G*+A*+C	no	112	100
9	17	+A*+C*+A*G*G*A*G*G*C*G*G*A*G*G*+T*+T*+G	no	114	100
10	17	+A*+A*+C*A*C*A*G*G*A*G*G*C*G*G*+A*+G*+G	no	111	100
11	17	+G*+T*+G*A*T*C*C*A*C*C*T*G*C*C*+T*+A*+G	no	93	100
12	17	+A*+G*+C*A*C*G*A*T*C*T*T*G*G*C*+T*+C*+A	no	118	100
13	17	+A*+T*+T*A*C*A*G*G*C*G*T*G*A*G*+C*+G*+A	yes	86	100
14	17	+T*+G*+A*T*C*T*T*G*T*G*A*T*C*C*+G*+C*+C	no	104	100
15	17	+C*+T*+C*G*A*T*C*T*C*C*T*G*A*T*+C*+T*+T	no	88	100
16	17	+A*+G*+T*A*C*A*C*A*T*G*G*A*C*A*+C*+A*+A	no	106	100
18	17	+A*+T*+T*G*A*G*T*A*C*A*C*A*T*G*+G*+A*+C	no	92	100
19	17	+G*+A*+A*C*C*T*A*G*G*A*G*G*C*A*+G*+A*+G	no	578	500
20	17	+T*+C*+G*C*T*T*G*A*A*C*C*T*A*G*+G*+A*+G	no	459	500
21	17	+G*+T*+T*C*A*A*A*C*A*A*T*T*C*T*+C*+C*+T	yes	606	500
23	17	+C*+A*+C*T*G*C*A*G*C*C*T*C*A*A*+C*+T*+T	no	549	500
25	17	+A*+G*+G*C*T*G*G*T*G*T*G*C*A*G*+T*+G*+G	no	491	500
26	17	+G*+A*+A*T*G*C*A*G*T*G*G*C*G*T*+G*+A*+T	no	369	500
27	17	+G*+A*+G*T*C*T*T*G*T*T*C*T*G*T*+C*+A*+C	no	315	500
28	17	+G*+G*+A*G*A*A*T*C*A*C*T*T*G*A*+A*+C*+A	no	300	500
29	17	+T*+C*+T*C*T*A*C*T*A*A*G*A*A*T*+A*+C*+A	no	539	500
30	17	+C*+T*+G*A*C*T*T*C*A*A*G*T*G*A*+T*+C*+C	yes	538	500
31	17	+G*+G*+C*T*C*A*A*G*C*A*A*T*C*T*+T*+C*+C	no	669	500
32	17	+C*+A*+T*T*C*T*C*C*T*G*C*C*T*C*+A*+G*+T	yes	455	500
33	17	+A*+T*+A*C*C*A*C*A*T*G*T*T*T*C*T*+C*+A*+C	no	517	500
34	17	+C*+C*+A*A*A*T*A*C*C*A*C*A*T*G*+T*+T*+C	no	452	500
35	17	+A*+C*+A*T*G*G*A*T*G*C*A*G*C*T*+G*+G*+A	yes	321	500
36	17	+A*+C*+A*C*C*A*T*G*G*A*A*T*A*C*+T*+A*+C	no	571	500
37	17	+G*+C*+T*G*A*G*A*T*C*G*T*G*C*C*+A*+C*+T	no	2373	2500
38	17	+A*+G*+T*G*A*G*C*T*G*A*G*A*T*C*+G*+T*+G	no	2738	2500
39	17	+T*+C*+A*C*G*C*C*T*G*T*A*A*T*C*+C*+T*+A	no	2551	2500

40	17	+C*+T*+G*A*C*C*T*C*A*T*G*A*T*C*+C*+A*+C	yes	2563	2500
41	17	+A*+A*+C*T*C*C*T*G*A*C*C*T*C*A*+T*+G*+A	no	2324	2500
42	17	+T*+G*+A*G*C*C*A*C*T*G*C*G*C*C*+T*+G*+G	no	2361	2500
43	17	+T*+G*+A*T*C*T*G*C*C*T*G*C*C*T*+C*+G*+G	no	2369	2500
44	17	+G*+C*+C*T*C*T*C*A*A*A*G*T*G*C*+T*+G*+G	no	2712	2500
45	17	+T*+C*+A*C*T*A*T*G*T*T*G*G*C*C*+A*+G*+G	no	2519	2500
46	17	+G*+G*+T*G*T*G*A*G*C*C*A*C*T*G*+T*+G*+C	no	2404	2500
47	17	+T*+C*+T*C*A*G*C*T*C*A*C*T*G*C*+A*+A*+G	no	2621	2500
48	17	+C*+A*+T*A*G*C*T*C*A*C*T*G*C*A*+G*+C*+C	no	2696	2500
49	17	+A*+C*+G*A*T*C*T*T*G*G*C*T*C*A*+C*+T*+G	no	2516	2500
50	17	+G*+C*+A*C*G*A*T*C*T*T*G*G*C*T*+C*+A*+C	yes	2547	2500
51	17	+A*+G*+G*A*T*T*A*C*A*G*G*C*G*T*+G*+A*+G	no	2330	2500
52	17	+T*+A*+G*G*C*T*G*G*A*G*T*G*C*A*+G*+T*+G	yes	2603	2500
53	17	+A*+G*+T*G*G*C*A*C*G*A*T*C*T*C*+G*+G*+C	no	2599	2500
54	17	+G*+T*+A*G*C*T*G*A*G*A*T*T*A*C*+A*+G*+G	no	2406	2500

Supplementary Table 1 shows properties of ASOs used in this study. (+) LNA-modified nucleotide, (*) PTO linkage