

FIGURES

DNA TARGETED SEQUENCES of TSC1 gene	
SEQ ID #	Target sequence (5'->3')
SEQ ID NO: 1	CGGAATTAGTGACTGGATC
SEQ ID NO: 2	GTGCCAAAATCTCTCTGGA
SEQ ID NO: 3	TGGAGCATGTGCGAATTCA
SEQ ID NO: 4	AGTGTGCCAAAATCTCTCT
SEQ ID NO: 5	GAGTGTGCCAAAATCTCTC
SEQ ID NO: 6	GTGTGCCAAAATCTCTCTG
SEQ ID NO: 7	GTGACTGGATCCAAGGACC
SEQ ID NO: 8	GATGGAGCATGTGCGAATT
SEQ ID NO: 9	GACCCTCGAAGGTGGAAGA
SEQ ID NO: 10	CCGGAATTAGTGACTGGAT
SEQ ID NO: 11	GGACTACAATGAGACTCAT
SEQ ID NO: 12	GCCAATGATGGAGCATGTG
SEQ ID NO: 13	GGAATTAGTGACTGGATCC
SEQ ID NO: 14	ACTTTTGAAGAAGTGGTCA
SEQ ID NO: 15	TGTGCCAAAATCTCTCTGG
SEQ ID NO: 16	TTAGTGACTGGATCCAAGG
SEQ ID NO: 17	ATTAGTGACTGGATCCAAG
SEQ ID NO: 18	GGCCAAGAAAGACCACCTT
SEQ ID NO: 19	GCAAGCCTTTACTCCCATA
SEQ ID NO: 20	ACCAAAGCAAGCCTTTACT
SEQ ID NO: 21	AAGCCTTTACTCCCATAGA
SEQ ID NO: 22	AGCAGATGGAGTTCTTGAA
SEQ ID NO: 23	CATGGACTACAATGAGACT
SEQ ID NO: 24	GAATTAGTGACTGGATCCA
SEQ ID NO: 25	AATTAGTGACTGGATCCAA
SEQ ID NO: 26	TAGTGACTGGATCCAAGGA
SEQ ID NO: 27	AGTGACTGGATCCAAGGAC
SEQ ID NO: 28	TGACTGGATCCAAGGACCA
SEQ ID NO: 29	CCAATGATGGAGCATGTGC
SEQ ID NO: 30	CAATGATGGAGCATGTGCG
SEQ ID NO: 31	AATGATGGAGCATGTGCGA
SEQ ID NO: 32	ATGATGGAGCATGTGCGAA
SEQ ID NO: 33	TGATGGAGCATGTGCGAAT
SEQ ID NO: 34	ATGGAGCATGTGCGAATTC
SEQ ID NO: 35	GAACTGGACCCTCGAAGGT
SEQ ID NO: 36	AACTGGACCCTCGAAGGTG
SEQ ID NO: 37	ACTGGACCCTCGAAGGTGG
SEQ ID NO: 38	CTGGACCCTCGAAGGTGGA
SEQ ID NO: 39	TGGACCCTCGAAGGTGGAA
SEQ ID NO: 40	GGACCCTCGAAGGTGGAAG

Figure 1

DNA TARGETED SEQUENCES of TSC2 gene	
SEQ ID #	Target sequence (5'→3')
SEQ ID NO: 41	CAAGCTTGTCACTGTGACR
SEQ ID NO: 42	ACCAAAACCTGGCTGGTTG
SEQ ID NO: 43	ACACCAGCTGGCTGATGAG
SEQ ID NO: 44	CTGCAGTGCAGGAAAGACA
SEQ ID NO: 45	GTCATAGCCATGTGGTTCA
SEQ ID NO: 46	ACCAGCTGGCTGATGAGCY
SEQ ID NO: 47	ACAAGCTTGTCACTGTGAC
SEQ ID NO: 48	CAAAACCTGGCTGGTTGGR
SEQ ID NO: 49	ACACCAACCCCTCCAAGTT
SEQ ID NO: 50	GCATCAAGGTGCTGGACGT
SEQ ID NO: 51	TGCAGTGCAGGAAAGACAT
SEQ ID NO: 52	TCATCAACAGGCAGTTCTA
SEQ ID NO: 53	CACCAGCTGGCTGATGAGC
SEQ ID NO: 54	GGACCAAAACCTGGCTGGT
SEQ ID NO: 55	GACCAAAACCTGGCTGGTT
SEQ ID NO: 56	CCAAAACCTGGCTGGTTGG
SEQ ID NO: 57	AGGCTGGGCAGCAGGTGTC
SEQ ID NO: 58	AGTTCACCTACTGCTGGCA
SEQ ID NO: 59	GTTACCTACTGCTGGCAT
SEQ ID NO: 60	CCCTGATGCCCACCAAGGA
SEQ ID NO: 61	CCTGATGCCCACCAAGGAT
SEQ ID NO: 62	CCTACTCCCTGCTCTTCCG
SEQ ID NO: 63	CTACTCCCTGCTCTTCCGT
SEQ ID NO: 64	GGAGAACCCGCTCAGCCCC

Figure 1 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11009	SEQ ID NO: 65	GAUCCAGUCACUAAUCCG	SEQ ID NO: 129	CGGAUUAGUGACUGGAUC
siRNA ID 11129	SEQ ID NO: 66	UCCAGAGAGAUUUUGGCAC	SEQ ID NO: 130	GUGCCAAAUCUCUCUGGA
siRNA ID 11280	SEQ ID NO: 67	UGAAUUCGCACAUGCUGCA	SEQ ID NO: 131	UGGAGCAUGUGCGAAUUA
siRNA ID 11007	SEQ ID NO: 68	AGAGAGAUUUUGGCACACU	SEQ ID NO: 132	AGUGUGCCAAAUCUCUCU
siRNA ID 11004	SEQ ID NO: 69	GAGAGAUUUUGGCACACUC	SEQ ID NO: 133	GAGUGUGCCAAAUCUCUC
siRNA ID 11021	SEQ ID NO: 70	CAGAGAGAUUUUGGCACAC	SEQ ID NO: 134	GUGUGCCAAAUCUCUCUG
siRNA ID 11302	SEQ ID NO: 71	GGUCCUUGGAUCCAGUCAC	SEQ ID NO: 135	GUGACUGGAUCCAAGGACC
siRNA ID 10001	SEQ ID NO: 72	AAUUCGCACAUGCUGCAUC	SEQ ID NO: 136	GAUGGAGCAUGUGCGAAUU
siRNA ID 11217	SEQ ID NO: 73	UCUCCACCUUCGAGGGUC	SEQ ID NO: 137	GACCCUCGAAGGUGGAAGA
siRNA ID 10004	SEQ ID NO: 74	AUCCAGUCACUAAUCCGG	SEQ ID NO: 138	CCGGAAUUAGUGACUGGAU
siRNA ID 10011	SEQ ID NO: 75	AUGAGUCUAUUGUAGUCC	SEQ ID NO: 139	GGACUACAAUGAGACUCAU
siRNA ID 11005	SEQ ID NO: 76	CACAUGCUGCAUCAUUGGC	SEQ ID NO: 140	GCCAAUGAUGGAGCAUGUG
siRNA ID 11020	SEQ ID NO: 77	GGAUCCAGUCACUAAUCC	SEQ ID NO: 141	GGAAUUAGUGACUGGAUCC
siRNA ID 11001	SEQ ID NO: 78	UGACCACUUCUCAAAGU	SEQ ID NO: 142	ACUUUUGAAGAAGUGGUCA
siRNA ID 11077	SEQ ID NO: 79	CCAGAGAGAUUUUGGCACA	SEQ ID NO: 143	UGUGCCAAAUCUCUCUGG
siRNA ID 11219	SEQ ID NO: 80	CCUUGGAUCCAGUCACUAA	SEQ ID NO: 144	UUAGUGACUGGAUCCAAGG
siRNA ID 11178	SEQ ID NO: 81	CUUGGAUCCAGUCACUAAU	SEQ ID NO: 145	AUUAGUGACUGGAUCCAAG
siRNA ID 10009	SEQ ID NO: 82	AAGGUGGUCUUUCUUGGCC	SEQ ID NO: 146	GGCCAAGAAAGACCACCUU
siRNA ID 10006	SEQ ID NO: 83	UAUGGGAGUAAAGGCUUGC	SEQ ID NO: 147	GCAAGCCUUUACUCCCAUA
siRNA ID 10005	SEQ ID NO: 84	AGUAAAGGCUUGCUUUGGU	SEQ ID NO: 148	ACCAAAGCAAGCCUUUACU
siRNA ID 10007	SEQ ID NO: 85	UCUUGGGAGUAAAGGCUU	SEQ ID NO: 149	AAGCCUUUACUCCCAUAGA
siRNA ID 10008	SEQ ID NO: 86	UUCAAGAACUCCAUCUGCU	SEQ ID NO: 150	AGCAGAUGGAGUUCUUGAA
siRNA ID 10010	SEQ ID NO: 87	AGUCUAUUGUAGUCCAUG	SEQ ID NO: 151	CAUGGACUACAAUGAGACU
siRNA ID 11076	SEQ ID NO: 88	UGGAUCCAGUCACUAAUUC	SEQ ID NO: 152	GAAUUAGUGACUGGAUCCA
siRNA ID 11127	SEQ ID NO: 89	UUGGAUCCAGUCACUAAU	SEQ ID NO: 153	AAUUAGUGACUGGAUCCAA
siRNA ID 11255	SEQ ID NO: 90	UCCUUGGAUCCAGUCACUA	SEQ ID NO: 154	UAGUGACUGGAUCCAAGGA
siRNA ID 11279	SEQ ID NO: 91	GUCCUUGGAUCCAGUCACU	SEQ ID NO: 155	AGUGACUGGAUCCAAGGAC
siRNA ID 11313	SEQ ID NO: 92	UGGUCCUUGGAUCCAGUCA	SEQ ID NO: 156	UGACUGGAUCCAAGGACCA
siRNA ID 11008	SEQ ID NO: 93	GCACAUGCUGCAUCAUUGG	SEQ ID NO: 157	CCAAUGAUGGAGCAUGUGC
siRNA ID 11019	SEQ ID NO: 94	CGCACAUGCUGCAUCAUUG	SEQ ID NO: 158	CAAUGAUGGAGCAUGUGCG
siRNA ID 11074	SEQ ID NO: 95	UCGCACAUGCUGCAUCAUU	SEQ ID NO: 159	AAUGAUGGAGCAUGUGCGA
siRNA ID 11128	SEQ ID NO: 96	UUCGCACAUGCUGCAUCAU	SEQ ID NO: 160	AUGAUGGAGCAUGUGCGAA
siRNA ID 11180	SEQ ID NO: 97	AUUCGCACAUGCUGCAUCA	SEQ ID NO: 161	UGAUGGAGCAUGUGCGAAU
siRNA ID 11254	SEQ ID NO: 98	GAAUUCGCACAUGCUGCAU	SEQ ID NO: 162	AUGGAGCAUGUGCGAAUUC
siRNA ID 11003	SEQ ID NO: 99	ACCUUCGAGGGUCCAGUUC	SEQ ID NO: 163	GAACUGGACCCUCGAAGGU
siRNA ID 11006	SEQ ID NO: 100	CACCUUCGAGGGUCCAGUU	SEQ ID NO: 164	AACUGGACCCUCGAAGGUG
siRNA ID 11018	SEQ ID NO: 101	CCACCUUCGAGGGUCCAGU	SEQ ID NO: 165	ACUGGACCCUCGAAGGUGG
siRNA ID 11075	SEQ ID NO: 102	UCCACCUUCGAGGGUCCAG	SEQ ID NO: 166	CUGGACCCUCGAAGGUGGA
siRNA ID 11130	SEQ ID NO: 103	UUCACCUUCGAGGGUCCA	SEQ ID NO: 167	UGGACCCUCGAAGGUGGAA
siRNA ID 11179	SEQ ID NO: 104	CUUCACCUUCGAGGGUCC	SEQ ID NO: 168	GGACCCUCGAAGGUGGAAG

Figure 2

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 01009	SEQ ID NO: 105	UGUCACAGUGACAAGCUUG	SEQ ID NO: 169	CAAGCUUGUCACUGUGACA
siRNA ID 01019	SEQ ID NO: 106	CAACCAGCCAGGUUUUGGU	SEQ ID NO: 170	ACCAAAACCUGGCUGGUUG
siRNA ID 01002	SEQ ID NO: 107	CUCAUCAGCCAGCUGGUGU	SEQ ID NO: 171	ACACCAGCUGGCUGAUGAG
siRNA ID 00001	SEQ ID NO: 108	UGUCUUUCCUGCACUGCAG	SEQ ID NO: 172	CUGCAGUGCAGGAAAGACA
siRNA ID 00003	SEQ ID NO: 109	UGAACCACAUGGCUAUGAC	SEQ ID NO: 173	GUCAUAGCCAUGUGGUUCA
siRNA ID 01020	SEQ ID NO: 110	AGCUCAUCAGCCAGCUGGU	SEQ ID NO: 174	ACCAGCUGGCUGAUGAGCU
siRNA ID 01001	SEQ ID NO: 111	GUCACAGUGACAAGCUUGU	SEQ ID NO: 175	ACAAGCUUGUCACUGUGAC
siRNA ID 01053	SEQ ID NO: 112	UCCAACCAGCCAGGUUUUG	SEQ ID NO: 176	CAAAACCUGGCUGGUUGGA
siRNA ID 00006	SEQ ID NO: 113	AACUUGGAGGGUUGGUGU	SEQ ID NO: 177	ACACCAACCCUCCAAGUU
siRNA ID 00004	SEQ ID NO: 114	ACGUCCAGCACCUUGAUGC	SEQ ID NO: 178	GCAUCAAGGUGCUGGACGU
siRNA ID 00002	SEQ ID NO: 115	AUGUCUUUCCUGCACUGCA	SEQ ID NO: 179	UGCAGUGCAGGAAAGACAU
siRNA ID 00005	SEQ ID NO: 116	UAGAACUGCCUGUUGAUGA	SEQ ID NO: 180	UCAUCAACAGGCAGUUCUA
siRNA ID 01010	SEQ ID NO: 117	GCUCAUCAGCCAGCUGGUG	SEQ ID NO: 181	CACCAGCUGGCUGAUGAGC
siRNA ID 01007	SEQ ID NO: 118	ACCAGCCAGGUUUUGGUCC	SEQ ID NO: 182	GGACCAAAACCUGGCUGGU
siRNA ID 01013	SEQ ID NO: 119	AACCAGCCAGGUUUUGGUC	SEQ ID NO: 183	GACCAAAACCUGGCUGGUU
siRNA ID 01042	SEQ ID NO: 120	CCAACCAGCCAGGUUUUGG	SEQ ID NO: 184	CCAAAACCUGGCUGGUUGG
siRNA ID 01003	SEQ ID NO: 121	GACACCUGCUGCCAGCCU	SEQ ID NO: 185	AGGCUGGGCAGCAGGUGUC
siRNA ID 01004	SEQ ID NO: 122	UGCCAGCAGUAGGUGAACU	SEQ ID NO: 186	AGUUCACCUACUGCUGGCA
siRNA ID 01014	SEQ ID NO: 123	AUGCCAGCAGUAGGUGAAC	SEQ ID NO: 187	GUUCACCUACUGCUGGCAU
siRNA ID 01005	SEQ ID NO: 124	UCCUUGGUGGGCAUCAGGG	SEQ ID NO: 188	CCCUGAUGCCCACCAAGGA
siRNA ID 01011	SEQ ID NO: 125	AUCCUUGGUGGGCAUCAGG	SEQ ID NO: 189	CCUGAUGCCCACCAAGGAU
siRNA ID 01006	SEQ ID NO: 126	CGGAAGAGCAGGGAGUAGG	SEQ ID NO: 190	CCUACUCCUGCUCUCCGU
siRNA ID 01012	SEQ ID NO: 127	ACGGAAGAGCAGGGAGUAG	SEQ ID NO: 191	CUACUCCUGCUCUCCGU
siRNA ID 01008	SEQ ID NO: 128	GGGGCUGAGCGGGUUCUCC	SEQ ID NO: 192	GGAGAACCCGCUCAGCCCC

Figure 2 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11147	SEQ ID NO: 193	UCCAGAGAGAUUUUGGCACUU	SEQ ID NO: 417	GUGCCAAAAUCUCUCACCU
siRNA ID 11148	SEQ ID NO: 194	UCCAGAGAGAUUUUGGCACXX	SEQ ID NO: 418	GUGCCAAAAUCUCUCACCU
siRNA ID 11149	SEQ ID NO: 195	UCCAGAGAGAUUUUGGCACUU	SEQ ID NO: 419	GUGCCAAAAUCUCUCUCCU
siRNA ID 11150	SEQ ID NO: 196	UCCAGAGAGAUUUUGGCACXX	SEQ ID NO: 420	GUGCCAAAAUCUCUCUCCU
siRNA ID 11151	SEQ ID NO: 197	UCCAGAGAGAUUUUGGCACUU	SEQ ID NO: 421	GUGCCAAAAUCUCUCUGCU
siRNA ID 11152	SEQ ID NO: 198	UCCAGAGAGAUUUUGGCACXX	SEQ ID NO: 422	GUGCCAAAAUCUCUCUGCU
siRNA ID 11153	SEQ ID NO: 199	UCCAGAGAGAUUUUGGCACUU	SEQ ID NO: 423	GUGCCAAAAUCUCUCUGGU
siRNA ID 11154	SEQ ID NO: 200	UCCAGAGAGAUUUUGGCACXX	SEQ ID NO: 424	GUGCCAAAAUCUCUCUGGU
siRNA ID 11289	SEQ ID NO: 201	UGAAUUCGCACAUGCUCUCCAUU	SEQ ID NO: 425	UGGAGCAUGUGCGAAAAGU
siRNA ID 11290	SEQ ID NO: 202	UGAAUUCGCACAUGCUCUCCXX	SEQ ID NO: 426	UGGAGCAUGUGCGAAAAGU
siRNA ID 11291	SEQ ID NO: 203	UGAAUUCGCACAUGCUCUCCAUU	SEQ ID NO: 427	UGGAGCAUGUGCGAAUAGU
siRNA ID 11292	SEQ ID NO: 204	UGAAUUCGCACAUGCUCUCCXX	SEQ ID NO: 428	UGGAGCAUGUGCGAAUAGU
siRNA ID 11293	SEQ ID NO: 205	UGAAUUCGCACAUGCUCUCCAUU	SEQ ID NO: 429	UGGAGCAUGUGCGAAUUCU
siRNA ID 11294	SEQ ID NO: 206	UGAAUUCGCACAUGCUCUCCXX	SEQ ID NO: 430	UGGAGCAUGUGCGAAUUCU
siRNA ID 11295	SEQ ID NO: 207	UGAAUUCGCACAUGCUCUCCAUU	SEQ ID NO: 431	UGGAGCAUGUGCGAAUUGU
siRNA ID 11296	SEQ ID NO: 208	UGAAUUCGCACAUGCUCUCCXX	SEQ ID NO: 432	UGGAGCAUGUGCGAAUUGU
siRNA ID 11048	SEQ ID NO: 209	CAGAGAGAUUUUGGCACACUU	SEQ ID NO: 433	GUGUGCCAAAAUCUCUCAC
siRNA ID 11049	SEQ ID NO: 210	CAGAGAGAUUUUGGCACACXX	SEQ ID NO: 434	GUGUGCCAAAAUCUCUCAC
siRNA ID 11046	SEQ ID NO: 211	CAGAGAGAUUUUGGCACACUU	SEQ ID NO: 435	GUGUGCCAAAAUCUCAGAC
siRNA ID 11047	SEQ ID NO: 212	CAGAGAGAUUUUGGCACACXX	SEQ ID NO: 436	GUGUGCCAAAAUCUCAGAC
siRNA ID 11050	SEQ ID NO: 213	CAGAGAGAUUUUGGCACACUU	SEQ ID NO: 437	GUGUGCCAAAAUCUCUCUC
siRNA ID 11051	SEQ ID NO: 214	CAGAGAGAUUUUGGCACACXX	SEQ ID NO: 438	GUGUGCCAAAAUCUCUCUC
siRNA ID 11052	SEQ ID NO: 215	CAGAGAGAUUUUGGCACACUU	SEQ ID NO: 439	GUGUGCCAAAAUCUCUGAC
siRNA ID 11053	SEQ ID NO: 216	CAGAGAGAUUUUGGCACACXX	SEQ ID NO: 440	GUGUGCCAAAAUCUCUGAC
siRNA ID 11303	SEQ ID NO: 217	GGUCCUUGGAUCCAGUCACUU	SEQ ID NO: 441	GUGACUGGAUCCAAGCUGG
siRNA ID 11304	SEQ ID NO: 218	GGUCCUUGGAUCCAGUCACXX	SEQ ID NO: 442	GUGACUGGAUCCAAGCUGG
siRNA ID 11305	SEQ ID NO: 219	GGUCCUUGGAUCCAGUCACUU	SEQ ID NO: 443	GUGACUGGAUCCAAGGACG
siRNA ID 11306	SEQ ID NO: 220	GGUCCUUGGAUCCAGUCACXX	SEQ ID NO: 444	GUGACUGGAUCCAAGGACG
siRNA ID 11307	SEQ ID NO: 221	GGUCCUUGGAUCCAGUCACUU	SEQ ID NO: 445	GUGACUGGAUCCAAGGAGG
siRNA ID 11308	SEQ ID NO: 222	GGUCCUUGGAUCCAGUCACXX	SEQ ID NO: 446	GUGACUGGAUCCAAGGAGG
siRNA ID 11309	SEQ ID NO: 223	GGUCCUUGGAUCCAGUCACUU	SEQ ID NO: 447	GUGACUGGAUCCAAGGUGG
siRNA ID 11310	SEQ ID NO: 224	GGUCCUUGGAUCCAGUCACXX	SEQ ID NO: 448	GUGACUGGAUCCAAGGUGG
siRNA ID 11228	SEQ ID NO: 225	AAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 449	GAUGGAGCAUGUGCGAAAA
siRNA ID 11229	SEQ ID NO: 226	AAUUCGCACAUGCUCUCCACXX	SEQ ID NO: 450	GAUGGAGCAUGUGCGAAAA
siRNA ID 11230	SEQ ID NO: 227	AAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 451	GAUGGAGCAUGUGCGAAUA
siRNA ID 11231	SEQ ID NO: 228	AAUUCGCACAUGCUCUCCACXX	SEQ ID NO: 452	GAUGGAGCAUGUGCGAAUA
siRNA ID 11232	SEQ ID NO: 229	AAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 453	GAUGGAGCAUGUGCGAUAA
siRNA ID 11233	SEQ ID NO: 230	AAUUCGCACAUGCUCUCCACXX	SEQ ID NO: 454	GAUGGAGCAUGUGCGAUAA
siRNA ID 11234	SEQ ID NO: 231	AAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 455	GAUGGAGCAUGUGCGUUAA
siRNA ID 11235	SEQ ID NO: 232	AAUUCGCACAUGCUCUCCACXX	SEQ ID NO: 456	GAUGGAGCAUGUGCGUUAA

Figure 3

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11220	SEQ ID NO: 233	UCUUCCACCUUCGAGGGUCUU	SEQ ID NO: 457	GACCCUCGAAGGUGGAACU
siRNA ID 11221	SEQ ID NO: 234	UCUUCCACCUUCGAGGGUCXX	SEQ ID NO: 458	GACCCUCGAAGGUGGAACU
siRNA ID 11222	SEQ ID NO: 235	UCUUCCACCUUCGAGGGUCUU	SEQ ID NO: 459	GACCCUCGAAGGUGGAAGU
siRNA ID 11223	SEQ ID NO: 236	UCUUCCACCUUCGAGGGUCXX	SEQ ID NO: 460	GACCCUCGAAGGUGGAAGU
siRNA ID 11224	SEQ ID NO: 237	UCUUCCACCUUCGAGGGUCUU	SEQ ID NO: 461	GACCCUCGAAGGUGGAUCU
siRNA ID 11225	SEQ ID NO: 238	UCUUCCACCUUCGAGGGUCXX	SEQ ID NO: 462	GACCCUCGAAGGUGGAUCU
siRNA ID 11226	SEQ ID NO: 239	UCUUCCACCUUCGAGGGUCUU	SEQ ID NO: 463	GACCCUCGAAGGUGGUUCU
siRNA ID 11227	SEQ ID NO: 240	UCUUCCACCUUCGAGGGUCXX	SEQ ID NO: 464	GACCCUCGAAGGUGGUUCU
siRNA ID 11038	SEQ ID NO: 241	GGAUCCAGUCACUAAUCCUU	SEQ ID NO: 465	GGAUUAGUGACUGGAAGG
siRNA ID 11039	SEQ ID NO: 242	GGAUCCAGUCACUAAUCCXX	SEQ ID NO: 466	GGAUUAGUGACUGGAAGG
siRNA ID 11040	SEQ ID NO: 243	GGAUCCAGUCACUAAUCCUU	SEQ ID NO: 467	GGAUUAGUGACUGGAUCG
siRNA ID 11041	SEQ ID NO: 244	GGAUCCAGUCACUAAUCCXX	SEQ ID NO: 468	GGAUUAGUGACUGGAUCG
siRNA ID 11042	SEQ ID NO: 245	GGAUCCAGUCACUAAUCCUU	SEQ ID NO: 469	GGAUUAGUGACUGGAUGG
siRNA ID 11043	SEQ ID NO: 246	GGAUCCAGUCACUAAUCCXX	SEQ ID NO: 470	GGAUUAGUGACUGGAUGG
siRNA ID 11044	SEQ ID NO: 247	GGAUCCAGUCACUAAUCCUU	SEQ ID NO: 471	GGAUUAGUGACUGGUAGG
siRNA ID 11045	SEQ ID NO: 248	GGAUCCAGUCACUAAUCCXX	SEQ ID NO: 472	GGAUUAGUGACUGGUAGG
siRNA ID 11102	SEQ ID NO: 249	CCAGAGAGAUUUUGGCACAUU	SEQ ID NO: 473	UGUGCCAAAUCUCUCACC
siRNA ID 11103	SEQ ID NO: 250	CCAGAGAGAUUUUGGCACAXX	SEQ ID NO: 474	UGUGCCAAAUCUCUCACC
siRNA ID 11104	SEQ ID NO: 251	CCAGAGAGAUUUUGGCACAUU	SEQ ID NO: 475	UGUGCCAAAUCUCUCUCC
siRNA ID 11105	SEQ ID NO: 252	CCAGAGAGAUUUUGGCACAXX	SEQ ID NO: 476	UGUGCCAAAUCUCUCUCC
siRNA ID 11106	SEQ ID NO: 253	CCAGAGAGAUUUUGGCACAUU	SEQ ID NO: 477	UGUGCCAAAUCUCUCUGC
siRNA ID 11107	SEQ ID NO: 254	CCAGAGAGAUUUUGGCACAXX	SEQ ID NO: 478	UGUGCCAAAUCUCUCUGC
siRNA ID 11108	SEQ ID NO: 255	CCAGAGAGAUUUUGGCACAUU	SEQ ID NO: 479	UGUGCCAAAUCUCUGACC
siRNA ID 11109	SEQ ID NO: 256	CCAGAGAGAUUUUGGCACAXX	SEQ ID NO: 480	UGUGCCAAAUCUCUGACC
siRNA ID 11236	SEQ ID NO: 257	CCUUGGAUCCAGUCACUAAUU	SEQ ID NO: 481	UUAGUGACUGGAUCCAACC
siRNA ID 11237	SEQ ID NO: 258	CCUUGGAUCCAGUCACUAAXX	SEQ ID NO: 482	UUAGUGACUGGAUCCAACC
siRNA ID 11238	SEQ ID NO: 259	CCUUGGAUCCAGUCACUAAUU	SEQ ID NO: 483	UUAGUGACUGGAUCCAAGC
siRNA ID 11239	SEQ ID NO: 260	CCUUGGAUCCAGUCACUAAXX	SEQ ID NO: 484	UUAGUGACUGGAUCCAAGC
siRNA ID 11240	SEQ ID NO: 261	CCUUGGAUCCAGUCACUAAUU	SEQ ID NO: 485	UUAGUGACUGGAUCCAUCC
siRNA ID 11241	SEQ ID NO: 262	CCUUGGAUCCAGUCACUAAXX	SEQ ID NO: 486	UUAGUGACUGGAUCCAUCC
siRNA ID 11242	SEQ ID NO: 263	CCUUGGAUCCAGUCACUAAUU	SEQ ID NO: 487	UUAGUGACUGGAUCCUUCC
siRNA ID 11243	SEQ ID NO: 264	CCUUGGAUCCAGUCACUAAXX	SEQ ID NO: 488	UUAGUGACUGGAUCCUUCC
siRNA ID 11181	SEQ ID NO: 265	CUUGGAUCCAGUCACUAAUUU	SEQ ID NO: 489	AUUAGUGACUGGAUCCAAC
siRNA ID 11182	SEQ ID NO: 266	CUUGGAUCCAGUCACUAAUXX	SEQ ID NO: 490	AUUAGUGACUGGAUCCAAC
siRNA ID 11183	SEQ ID NO: 267	CUUGGAUCCAGUCACUAAUUU	SEQ ID NO: 491	AUUAGUGACUGGAUCCAUC
siRNA ID 11184	SEQ ID NO: 268	CUUGGAUCCAGUCACUAAUXX	SEQ ID NO: 492	AUUAGUGACUGGAUCCAUC
siRNA ID 11185	SEQ ID NO: 269	CUUGGAUCCAGUCACUAAUUU	SEQ ID NO: 493	AUUAGUGACUGGAUCCUUC
siRNA ID 11186	SEQ ID NO: 270	CUUGGAUCCAGUCACUAAUXX	SEQ ID NO: 494	AUUAGUGACUGGAUCCUUC
siRNA ID 11187	SEQ ID NO: 271	CUUGGAUCCAGUCACUAAUUU	SEQ ID NO: 495	AUUAGUGACUGGAUCGUUC

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11188	SEQ ID NO: 272	CUUGGAUCCAGUCACUAAUXX	SEQ ID NO: 496	AUUAGUGACUGGAUCGUUC
siRNA ID 11094	SEQ ID NO: 273	UGGAUCCAGUCACUAAUUCUU	SEQ ID NO: 497	GAAUUAGUGACUGGAAGGU
siRNA ID 11095	SEQ ID NO: 274	UGGAUCCAGUCACUAAUUCXX	SEQ ID NO: 498	GAAUUAGUGACUGGAAGGU
siRNA ID 11096	SEQ ID NO: 275	UGGAUCCAGUCACUAAUUCUU	SEQ ID NO: 499	GAAUUAGUGACUGGAUCCU
siRNA ID 11097	SEQ ID NO: 276	UGGAUCCAGUCACUAAUUCXX	SEQ ID NO: 500	GAAUUAGUGACUGGAUCCU
siRNA ID 11098	SEQ ID NO: 277	UGGAUCCAGUCACUAAUUCUU	SEQ ID NO: 501	GAAUUAGUGACUGGAUCGU
siRNA ID 11099	SEQ ID NO: 278	UGGAUCCAGUCACUAAUUCXX	SEQ ID NO: 502	GAAUUAGUGACUGGAUCGU
siRNA ID 11100	SEQ ID NO: 279	UGGAUCCAGUCACUAAUUCUU	SEQ ID NO: 503	GAAUUAGUGACUGGAUGGU
siRNA ID 11101	SEQ ID NO: 280	UGGAUCCAGUCACUAAUUCXX	SEQ ID NO: 504	GAAUUAGUGACUGGAUGGU
siRNA ID 11131	SEQ ID NO: 281	UUGGAUCCAGUCACUAAUUUU	SEQ ID NO: 505	AAUUAGUGACUGGAUCCAU
siRNA ID 11132	SEQ ID NO: 282	UUGGAUCCAGUCACUAAUUX	SEQ ID NO: 506	AAUUAGUGACUGGAUCCAU
siRNA ID 11133	SEQ ID NO: 283	UUGGAUCCAGUCACUAAUUUU	SEQ ID NO: 507	AAUUAGUGACUGGAUCCUU
siRNA ID 11134	SEQ ID NO: 284	UUGGAUCCAGUCACUAAUUX	SEQ ID NO: 508	AAUUAGUGACUGGAUCCUU
siRNA ID 11135	SEQ ID NO: 285	UUGGAUCCAGUCACUAAUUUU	SEQ ID NO: 509	AAUUAGUGACUGGAUCGUU
siRNA ID 11136	SEQ ID NO: 286	UUGGAUCCAGUCACUAAUUX	SEQ ID NO: 510	AAUUAGUGACUGGAUCGUU
siRNA ID 11137	SEQ ID NO: 287	UUGGAUCCAGUCACUAAUUUU	SEQ ID NO: 511	AAUUAGUGACUGGAUGGUU
siRNA ID 11138	SEQ ID NO: 288	UUGGAUCCAGUCACUAAUUX	SEQ ID NO: 512	AAUUAGUGACUGGAUGGUU
siRNA ID 11264	SEQ ID NO: 289	UCCUUGGAUCCAGUCACUAAU	SEQ ID NO: 513	UAGUGACUGGAUCCAACCU
siRNA ID 11265	SEQ ID NO: 290	UCCUUGGAUCCAGUCACUAXX	SEQ ID NO: 514	UAGUGACUGGAUCCAACCU
siRNA ID 11266	SEQ ID NO: 291	UCCUUGGAUCCAGUCACUAAU	SEQ ID NO: 515	UAGUGACUGGAUCCAAGCU
siRNA ID 11267	SEQ ID NO: 292	UCCUUGGAUCCAGUCACUAXX	SEQ ID NO: 516	UAGUGACUGGAUCCAAGCU
siRNA ID 11268	SEQ ID NO: 293	UCCUUGGAUCCAGUCACUAAU	SEQ ID NO: 517	UAGUGACUGGAUCCAAGGU
siRNA ID 11269	SEQ ID NO: 294	UCCUUGGAUCCAGUCACUAXX	SEQ ID NO: 518	UAGUGACUGGAUCCAAGGU
siRNA ID 11270	SEQ ID NO: 295	UCCUUGGAUCCAGUCACUAAU	SEQ ID NO: 519	UAGUGACUGGAUCCAUCCU
siRNA ID 11271	SEQ ID NO: 296	UCCUUGGAUCCAGUCACUAXX	SEQ ID NO: 520	UAGUGACUGGAUCCAUCCU
siRNA ID 11281	SEQ ID NO: 297	GUCCUUGGAUCCAGUCACUUU	SEQ ID NO: 521	AGUGACUGGAUCCAACCUG
siRNA ID 11282	SEQ ID NO: 298	GUCCUUGGAUCCAGUCACUXX	SEQ ID NO: 522	AGUGACUGGAUCCAACCUG
siRNA ID 11283	SEQ ID NO: 299	GUCCUUGGAUCCAGUCACUUU	SEQ ID NO: 523	AGUGACUGGAUCCAAGCUG
siRNA ID 11284	SEQ ID NO: 300	GUCCUUGGAUCCAGUCACUXX	SEQ ID NO: 524	AGUGACUGGAUCCAAGCUG
siRNA ID 11285	SEQ ID NO: 301	GUCCUUGGAUCCAGUCACUUU	SEQ ID NO: 525	AGUGACUGGAUCCAAGGAG
siRNA ID 11286	SEQ ID NO: 302	GUCCUUGGAUCCAGUCACUXX	SEQ ID NO: 526	AGUGACUGGAUCCAAGGAG
siRNA ID 11287	SEQ ID NO: 303	GUCCUUGGAUCCAGUCACUUU	SEQ ID NO: 527	AGUGACUGGAUCCAAGGUG
siRNA ID 11288	SEQ ID NO: 304	GUCCUUGGAUCCAGUCACUXX	SEQ ID NO: 528	AGUGACUGGAUCCAAGGUG
siRNA ID 11314	SEQ ID NO: 305	UGGUCCUUGGAUCCAGUCAUU	SEQ ID NO: 529	UGACUGGAUCCAAGGACCU
siRNA ID 11315	SEQ ID NO: 306	UGGUCCUUGGAUCCAGUCAXX	SEQ ID NO: 530	UGACUGGAUCCAAGGACCU
siRNA ID 11316	SEQ ID NO: 307	UGGUCCUUGGAUCCAGUCAUU	SEQ ID NO: 531	UGACUGGAUCCAAGGACGU
siRNA ID 11317	SEQ ID NO: 308	UGGUCCUUGGAUCCAGUCAXX	SEQ ID NO: 532	UGACUGGAUCCAAGGACGU
siRNA ID 11318	SEQ ID NO: 309	UGGUCCUUGGAUCCAGUCAUU	SEQ ID NO: 533	UGACUGGAUCCAAGGAGGU
siRNA ID 11319	SEQ ID NO: 310	UGGUCCUUGGAUCCAGUCAXX	SEQ ID NO: 534	UGACUGGAUCCAAGGAGGU
siRNA ID 11320	SEQ ID NO: 311	UGGUCCUUGGAUCCAGUCAUU	SEQ ID NO: 535	UGACUGGAUCCAAGGUGGU

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11321	SEQ ID NO: 312	UGGUCCUUGGAUCCAGUCAXX	SEQ ID NO: 536	UGACUGGAUCCAAGGUGGU
siRNA ID 11030	SEQ ID NO: 313	CGCACAUAGCUCCAUCUUGUU	SEQ ID NO: 537	CAAUGAUGGAGCAUGACGC
siRNA ID 11031	SEQ ID NO: 314	CGCACAUAGCUCCAUCUUGXX	SEQ ID NO: 538	CAAUGAUGGAGCAUGACGC
siRNA ID 11032	SEQ ID NO: 315	CGCACAUAGCUCCAUCUUGUU	SEQ ID NO: 539	CAAUGAUGGAGCAUGUCGC
siRNA ID 11033	SEQ ID NO: 316	CGCACAUAGCUCCAUCUUGXX	SEQ ID NO: 540	CAAUGAUGGAGCAUGUCGC
siRNA ID 11034	SEQ ID NO: 317	CGCACAUAGCUCCAUCUUGUU	SEQ ID NO: 541	CAAUGAUGGAGCAUGUGCC
siRNA ID 11035	SEQ ID NO: 318	CGCACAUAGCUCCAUCUUGXX	SEQ ID NO: 542	CAAUGAUGGAGCAUGUGCC
siRNA ID 11036	SEQ ID NO: 319	CGCACAUAGCUCCAUCUUGUU	SEQ ID NO: 543	CAAUGAUGGAGCAUGUGGC
siRNA ID 11037	SEQ ID NO: 320	CGCACAUAGCUCCAUCUUGXX	SEQ ID NO: 544	CAAUGAUGGAGCAUGUGGC
siRNA ID 11078	SEQ ID NO: 321	UCGCACAUGCUCUCCAUAUUUU	SEQ ID NO: 545	AAUGAUGGAGCAUGUCGCU
siRNA ID 11079	SEQ ID NO: 322	UCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 546	AAUGAUGGAGCAUGUCGCU
siRNA ID 11080	SEQ ID NO: 323	UCGCACAUGCUCUCCAUAUUUU	SEQ ID NO: 547	AAUGAUGGAGCAUGUGCCU
siRNA ID 11081	SEQ ID NO: 324	UCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 548	AAUGAUGGAGCAUGUGCCU
siRNA ID 11082	SEQ ID NO: 325	UCGCACAUGCUCUCCAUAUUUU	SEQ ID NO: 549	AAUGAUGGAGCAUGUGCGU
siRNA ID 11083	SEQ ID NO: 326	UCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 550	AAUGAUGGAGCAUGUGCGU
siRNA ID 11084	SEQ ID NO: 327	UCGCACAUGCUCUCCAUAUUUU	SEQ ID NO: 551	AAUGAUGGAGCAUGUGGCU
siRNA ID 11085	SEQ ID NO: 328	UCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 552	AAUGAUGGAGCAUGUGGCU
siRNA ID 11139	SEQ ID NO: 329	UUCGCACAUGCUCUCCAUAUUU	SEQ ID NO: 553	AUGAUGGAGCAUGUGCCUU
siRNA ID 11140	SEQ ID NO: 330	UUCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 554	AUGAUGGAGCAUGUGCCUU
siRNA ID 11141	SEQ ID NO: 331	UUCGCACAUGCUCUCCAUAUUU	SEQ ID NO: 555	AUGAUGGAGCAUGUGCGAU
siRNA ID 11142	SEQ ID NO: 332	UUCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 556	AUGAUGGAGCAUGUGCGAU
siRNA ID 11143	SEQ ID NO: 333	UUCGCACAUGCUCUCCAUAUUU	SEQ ID NO: 557	AUGAUGGAGCAUGUGCGUU
siRNA ID 11144	SEQ ID NO: 334	UUCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 558	AUGAUGGAGCAUGUGCGUU
siRNA ID 11145	SEQ ID NO: 335	UUCGCACAUGCUCUCCAUAUUU	SEQ ID NO: 559	AUGAUGGAGCAUGUGGCUU
siRNA ID 11146	SEQ ID NO: 336	UUCGCACAUGCUCUCCAUAUXX	SEQ ID NO: 560	AUGAUGGAGCAUGUGGCUU
siRNA ID 11197	SEQ ID NO: 337	AUUCGCACAUGCUCUCCAUAUU	SEQ ID NO: 561	UGAUGGAGCAUGUGCCUUA
siRNA ID 11198	SEQ ID NO: 338	AUUCGCACAUGCUCUCCAUCAXX	SEQ ID NO: 562	UGAUGGAGCAUGUGCCUUA
siRNA ID 11199	SEQ ID NO: 339	AUUCGCACAUGCUCUCCAUAUU	SEQ ID NO: 563	UGAUGGAGCAUGUGCGAAA
siRNA ID 11200	SEQ ID NO: 340	AUUCGCACAUGCUCUCCAUCAXX	SEQ ID NO: 564	UGAUGGAGCAUGUGCGAAA
siRNA ID 11201	SEQ ID NO: 341	AUUCGCACAUGCUCUCCAUAUU	SEQ ID NO: 565	UGAUGGAGCAUGUGCGAUA
siRNA ID 11202	SEQ ID NO: 342	AUUCGCACAUGCUCUCCAUCAXX	SEQ ID NO: 566	UGAUGGAGCAUGUGCGAUA
siRNA ID 11203	SEQ ID NO: 343	AUUCGCACAUGCUCUCCAUAUU	SEQ ID NO: 567	UGAUGGAGCAUGUGCGUUA
siRNA ID 11204	SEQ ID NO: 344	AUUCGCACAUGCUCUCCAUCAXX	SEQ ID NO: 568	UGAUGGAGCAUGUGCGUUA
siRNA ID 11256	SEQ ID NO: 345	GAAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 569	AUGGAGCAUGUGCGAAAAG
siRNA ID 11257	SEQ ID NO: 346	GAAUUCGCACAUGCUCUCCAUXX	SEQ ID NO: 570	AUGGAGCAUGUGCGAAAAG
siRNA ID 11258	SEQ ID NO: 347	GAAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 571	AUGGAGCAUGUGCGAAUAG
siRNA ID 11259	SEQ ID NO: 348	GAAUUCGCACAUGCUCUCCAUXX	SEQ ID NO: 572	AUGGAGCAUGUGCGAAUAG
siRNA ID 11260	SEQ ID NO: 349	GAAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 573	AUGGAGCAUGUGCGAAUUG
siRNA ID 11261	SEQ ID NO: 350	GAAUUCGCACAUGCUCUCCAUXX	SEQ ID NO: 574	AUGGAGCAUGUGCGAAUUG
siRNA ID 11262	SEQ ID NO: 351	GAAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 575	AUGGAGCAUGUGCGAAUAG

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11263	SEQ ID NO: 352	GAAUUCGCACAUGCUCUAUXX	SEQ ID NO: 576	AUGGAGCAUGUGCGAUAAAG
siRNA ID 11022	SEQ ID NO: 353	CCACCUUCGAGGGUCCAGUUU	SEQ ID NO: 577	ACUGGACCCUCGAAGCACC
siRNA ID 11023	SEQ ID NO: 354	CCACCUUCGAGGGUCCAGUXX	SEQ ID NO: 578	ACUGGACCCUCGAAGCACC
siRNA ID 11024	SEQ ID NO: 355	CCACCUUCGAGGGUCCAGUUU	SEQ ID NO: 579	ACUGGACCCUCGAAGGACC
siRNA ID 11025	SEQ ID NO: 356	CCACCUUCGAGGGUCCAGUXX	SEQ ID NO: 580	ACUGGACCCUCGAAGGACC
siRNA ID 11026	SEQ ID NO: 357	CCACCUUCGAGGGUCCAGUUU	SEQ ID NO: 581	ACUGGACCCUCGAAGGUCC
siRNA ID 11027	SEQ ID NO: 358	CCACCUUCGAGGGUCCAGUXX	SEQ ID NO: 582	ACUGGACCCUCGAAGGUCC
siRNA ID 11028	SEQ ID NO: 359	CCACCUUCGAGGGUCCAGUUU	SEQ ID NO: 583	ACUGGACCCUCGAAGGUGC
siRNA ID 11029	SEQ ID NO: 360	CCACCUUCGAGGGUCCAGUXX	SEQ ID NO: 584	ACUGGACCCUCGAAGGUGC
siRNA ID 11086	SEQ ID NO: 361	UCCACCUUCGAGGGUCCAGUU	SEQ ID NO: 585	CUGGACCCUCGAAGGACCU
siRNA ID 11087	SEQ ID NO: 362	UCCACCUUCGAGGGUCCAGXX	SEQ ID NO: 586	CUGGACCCUCGAAGGACCU
siRNA ID 11088	SEQ ID NO: 363	UCCACCUUCGAGGGUCCAGUU	SEQ ID NO: 587	CUGGACCCUCGAAGGUCCU
siRNA ID 11089	SEQ ID NO: 364	UCCACCUUCGAGGGUCCAGXX	SEQ ID NO: 588	CUGGACCCUCGAAGGUCCU
siRNA ID 11090	SEQ ID NO: 365	UCCACCUUCGAGGGUCCAGUU	SEQ ID NO: 589	CUGGACCCUCGAAGGUGCU
siRNA ID 11091	SEQ ID NO: 366	UCCACCUUCGAGGGUCCAGXX	SEQ ID NO: 590	CUGGACCCUCGAAGGUGCU
siRNA ID 11092	SEQ ID NO: 367	UCCACCUUCGAGGGUCCAGUU	SEQ ID NO: 591	CUGGACCCUCGAAGGUGGU
siRNA ID 11093	SEQ ID NO: 368	UCCACCUUCGAGGGUCCAGXX	SEQ ID NO: 592	CUGGACCCUCGAAGGUGGU
siRNA ID 11155	SEQ ID NO: 369	UCCACCUUCGAGGGUCCAUU	SEQ ID NO: 593	UGGACCCUCGAAGGUCCUU
siRNA ID 11156	SEQ ID NO: 370	UCCACCUUCGAGGGUCCAXX	SEQ ID NO: 594	UGGACCCUCGAAGGUCCUU
siRNA ID 11157	SEQ ID NO: 371	UCCACCUUCGAGGGUCCAUU	SEQ ID NO: 595	UGGACCCUCGAAGGUGCUU
siRNA ID 11158	SEQ ID NO: 372	UCCACCUUCGAGGGUCCAXX	SEQ ID NO: 596	UGGACCCUCGAAGGUGCUU
siRNA ID 11159	SEQ ID NO: 373	UCCACCUUCGAGGGUCCAUU	SEQ ID NO: 597	UGGACCCUCGAAGGUGGAU
siRNA ID 11160	SEQ ID NO: 374	UCCACCUUCGAGGGUCCAXX	SEQ ID NO: 598	UGGACCCUCGAAGGUGGAU
siRNA ID 11161	SEQ ID NO: 375	UCCACCUUCGAGGGUCCAUU	SEQ ID NO: 599	UGGACCCUCGAAGGUGGUU
siRNA ID 11162	SEQ ID NO: 376	UCCACCUUCGAGGGUCCAXX	SEQ ID NO: 600	UGGACCCUCGAAGGUGGUU
siRNA ID 11189	SEQ ID NO: 377	CUCCACCUUCGAGGGUCCUU	SEQ ID NO: 601	GGACCCUCGAAGGUGCUUC
siRNA ID 11190	SEQ ID NO: 378	CUCCACCUUCGAGGGUCCXX	SEQ ID NO: 602	GGACCCUCGAAGGUGCUUC
siRNA ID 11191	SEQ ID NO: 379	CUCCACCUUCGAGGGUCCUU	SEQ ID NO: 603	GGACCCUCGAAGGUGGAAC
siRNA ID 11192	SEQ ID NO: 380	CUCCACCUUCGAGGGUCCXX	SEQ ID NO: 604	GGACCCUCGAAGGUGGAAC
siRNA ID 11193	SEQ ID NO: 381	CUCCACCUUCGAGGGUCCUU	SEQ ID NO: 605	GGACCCUCGAAGGUGGAUC
siRNA ID 11194	SEQ ID NO: 382	CUCCACCUUCGAGGGUCCXX	SEQ ID NO: 606	GGACCCUCGAAGGUGGAUC
siRNA ID 11195	SEQ ID NO: 383	CUCCACCUUCGAGGGUCCUU	SEQ ID NO: 607	GGACCCUCGAAGGUGGUUC
siRNA ID 11196	SEQ ID NO: 384	CUCCACCUUCGAGGGUCCXX	SEQ ID NO: 608	GGACCCUCGAAGGUGGUUC

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 01021	SEQ ID NO: 385	CAACCAGCCAGGUUUUGGUUU	SEQ ID NO: 609	ACCAAAACCUGGCUGCAAC
siRNA ID 01025	SEQ ID NO: 386	CAACCAGCCAGGUUUUGGUUU	SEQ ID NO: 610	ACCAAAACCUGGCUGGUAC
siRNA ID 01022	SEQ ID NO: 387	CAACCAGCCAGGUUUUGGUXX	SEQ ID NO: 611	ACCAAAACCUGGCUGCAAC
siRNA ID 01023	SEQ ID NO: 388	CAACCAGCCAGGUUUUGGUUU	SEQ ID NO: 612	ACCAAAACCUGGCUGGAAC
siRNA ID 01024	SEQ ID NO: 389	CAACCAGCCAGGUUUUGGUXX	SEQ ID NO: 613	ACCAAAACCUGGCUGGAAC
siRNA ID 01026	SEQ ID NO: 390	CAACCAGCCAGGUUUUGGUXX	SEQ ID NO: 614	ACCAAAACCUGGCUGGUAC
siRNA ID 01027	SEQ ID NO: 391	CAACCAGCCAGGUUUUGGUUU	SEQ ID NO: 615	ACCAAAACCUGGCUGGUUC
siRNA ID 01028	SEQ ID NO: 392	CAACCAGCCAGGUUUUGGUXX	SEQ ID NO: 616	ACCAAAACCUGGCUGGUUC
siRNA ID 01029	SEQ ID NO: 393	AGCUCAUCAGCCAGCUGGUUU	SEQ ID NO: 617	ACCAGCUGGCUGAUGACGA
siRNA ID 01030	SEQ ID NO: 394	AGCUCAUCAGCCAGCUGGUXX	SEQ ID NO: 618	ACCAGCUGGCUGAUGACGA
siRNA ID 01031	SEQ ID NO: 395	AGCUCAUCAGCCAGCUGGUUU	SEQ ID NO: 619	ACCAGCUGGCUGAUGAGCA
siRNA ID 01032	SEQ ID NO: 396	AGCUCAUCAGCCAGCUGGUXX	SEQ ID NO: 620	ACCAGCUGGCUGAUGAGCA
siRNA ID 01033	SEQ ID NO: 397	AGCUCAUCAGCCAGCUGGUUU	SEQ ID NO: 621	ACCAGCUGGCUGAUGAGGA
siRNA ID 01034	SEQ ID NO: 398	AGCUCAUCAGCCAGCUGGUXX	SEQ ID NO: 622	ACCAGCUGGCUGAUGAGGA
siRNA ID 01035	SEQ ID NO: 399	AGCUCAUCAGCCAGCUGGUUU	SEQ ID NO: 623	ACCAGCUGGCUGAUGUCGA
siRNA ID 01036	SEQ ID NO: 400	AGCUCAUCAGCCAGCUGGUXX	SEQ ID NO: 624	ACCAGCUGGCUGAUGUCGA
siRNA ID 01058	SEQ ID NO: 401	UCCAACCAGCCAGGUUUUGUU	SEQ ID NO: 625	CAAAACCUGGCUGGUUGCU
siRNA ID 01056	SEQ ID NO: 402	UCCAACCAGCCAGGUUUUGUU	SEQ ID NO: 626	CAAAACCUGGCUGGUUCCU
siRNA ID 01054	SEQ ID NO: 403	UCCAACCAGCCAGGUUUUGUU	SEQ ID NO: 627	CAAAACCUGGCUGGUACCU
siRNA ID 01055	SEQ ID NO: 404	UCCAACCAGCCAGGUUUUGXX	SEQ ID NO: 628	CAAAACCUGGCUGGUACCU
siRNA ID 01057	SEQ ID NO: 405	UCCAACCAGCCAGGUUUUGXX	SEQ ID NO: 629	CAAAACCUGGCUGGUUCCU
siRNA ID 01059	SEQ ID NO: 406	UCCAACCAGCCAGGUUUUGXX	SEQ ID NO: 630	CAAAACCUGGCUGGUUGCU
siRNA ID 01060	SEQ ID NO: 407	UCCAACCAGCCAGGUUUUGUU	SEQ ID NO: 631	CAAAACCUGGCUGGUUGGU
siRNA ID 01061	SEQ ID NO: 408	UCCAACCAGCCAGGUUUUGXX	SEQ ID NO: 632	CAAAACCUGGCUGGUUGGU
siRNA ID 01043	SEQ ID NO: 409	CCAACCAGCCAGGUUUUGGUU	SEQ ID NO: 633	CCAAAACCUGGCUGGAACC
siRNA ID 01044	SEQ ID NO: 410	CCAACCAGCCAGGUUUUGGXX	SEQ ID NO: 634	CCAAAACCUGGCUGGAACC
siRNA ID 01045	SEQ ID NO: 411	CCAACCAGCCAGGUUUUGGUU	SEQ ID NO: 635	CCAAAACCUGGCUGGUACC
siRNA ID 01046	SEQ ID NO: 412	CCAACCAGCCAGGUUUUGGXX	SEQ ID NO: 636	CCAAAACCUGGCUGGUACC
siRNA ID 01047	SEQ ID NO: 413	CCAACCAGCCAGGUUUUGGUU	SEQ ID NO: 637	CCAAAACCUGGCUGGUUCC
siRNA ID 01048	SEQ ID NO: 414	CCAACCAGCCAGGUUUUGGXX	SEQ ID NO: 638	CCAAAACCUGGCUGGUUCC
siRNA ID 01049	SEQ ID NO: 415	CCAACCAGCCAGGUUUUGGUU	SEQ ID NO: 639	CCAAAACCUGGCUGGUUGC
siRNA ID 01050	SEQ ID NO: 416	CCAACCAGCCAGGUUUUGGXX	SEQ ID NO: 640	CCAAAACCUGGCUGGUUGC

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11016	SEQ ID NO: 641	GAUCCAGUCACUAAUCCGG	SEQ ID NO: 748	CGGAUUAGUGACUGGAUCC
siRNA ID 11017	SEQ ID NO: 642	GAUCCAGUCACUAAUCCGX	SEQ ID NO: 749	CGGAUUAGUGACUGGAUCX
siRNA ID 11013	SEQ ID NO: 643	AGAGAGAUUUUGGCACACUX	SEQ ID NO: 750	AGUGUGCCAAAUCUCUCUX
siRNA ID 11012	SEQ ID NO: 644	AGAGAGAUUUUGGCACACUC	SEQ ID NO: 751	AGUGUGCCAAAUCUCUCUG
siRNA ID 11060	SEQ ID NO: 645	CAGAGAGAUUUUGGCACACU	SEQ ID NO: 752	GUGUGCCAAAUCUCUCUGG
siRNA ID 11061	SEQ ID NO: 646	CAGAGAGAUUUUGGCACACX	SEQ ID NO: 753	GUGUGCCAAAUCUCUCUGX
siRNA ID 11071	SEQ ID NO: 647	CAGAGAGAUUUUGGCACACUC	SEQ ID NO: 754	GUGUGCCAAAUCUCUCUGGA
siRNA ID 11072	SEQ ID NO: 648	CAGAGAGAUUUUGGCACACUU	SEQ ID NO: 755	GUGUGCCAAAUCUCUCUGUU
siRNA ID 11073	SEQ ID NO: 649	CAGAGAGAUUUUGGCACACXX	SEQ ID NO: 756	GUGUGCCAAAUCUCUCUGXX
siRNA ID 11311	SEQ ID NO: 650	GGUCCUUGGAUCCAGUCACU	SEQ ID NO: 757	GUGACUGGAUCCAAGGACCA
siRNA ID 11312	SEQ ID NO: 651	GGUCCUUGGAUCCAGUCACX	SEQ ID NO: 758	GUGACUGGAUCCAAGGACX
siRNA ID 11244	SEQ ID NO: 652	AAUUCGCACAUGCUCUCCAUA	SEQ ID NO: 759	GAUGGAGCAUGUGCGAAUUC
siRNA ID 11245	SEQ ID NO: 653	AAUUCGCACAUGCUCUCCAU	SEQ ID NO: 760	GAUGGAGCAUGUGCGAAUUX
siRNA ID 11248	SEQ ID NO: 654	AAUUCGCACAUGCUCUCCAUAU	SEQ ID NO: 761	GAUGGAGCAUGUGCGAAUUA
siRNA ID 11249	SEQ ID NO: 655	AAUUCGCACAUGCUCUCCAUUU	SEQ ID NO: 762	GAUGGAGCAUGUGCGAAUUUU
siRNA ID 11250	SEQ ID NO: 656	AAUUCGCACAUGCUCUCCAUXX	SEQ ID NO: 763	GAUGGAGCAUGUGCGAAUXX
siRNA ID 11058	SEQ ID NO: 657	GGAUCCAGUCACUAAUCCG	SEQ ID NO: 764	GGAUUAGUGACUGGAUCCA
siRNA ID 11059	SEQ ID NO: 658	GGAUCCAGUCACUAAUCCX	SEQ ID NO: 765	GGAUUAGUGACUGGAUCCX
siRNA ID 11068	SEQ ID NO: 659	GGAUCCAGUCACUAAUCCGG	SEQ ID NO: 766	GGAUUAGUGACUGGAUCCAA
siRNA ID 11069	SEQ ID NO: 660	GGAUCCAGUCACUAAUCCUU	SEQ ID NO: 767	GGAUUAGUGACUGGAUCCUU
siRNA ID 11070	SEQ ID NO: 661	GGAUCCAGUCACUAAUCCXX	SEQ ID NO: 768	GGAUUAGUGACUGGAUCCXX
siRNA ID 11116	SEQ ID NO: 662	CCAGAGAGAUUUUGGCACAC	SEQ ID NO: 769	UGUGCCAAAUCUCUCUGGA
siRNA ID 11117	SEQ ID NO: 663	CCAGAGAGAUUUUGGCACAX	SEQ ID NO: 770	UGUGCCAAAUCUCUCUGGX
siRNA ID 11246	SEQ ID NO: 664	CCUUGGAUCCAGUCACUAAU	SEQ ID NO: 771	UUAGUGACUGGAUCCAAGGA
siRNA ID 11247	SEQ ID NO: 665	CCUUGGAUCCAGUCACUAAX	SEQ ID NO: 772	UUAGUGACUGGAUCCAAGGX
siRNA ID 11251	SEQ ID NO: 666	CCUUGGAUCCAGUCACUAAUU	SEQ ID NO: 773	UUAGUGACUGGAUCCAAGGAC
siRNA ID 11252	SEQ ID NO: 667	CCUUGGAUCCAGUCACUAAUU	SEQ ID NO: 774	UUAGUGACUGGAUCCAAGGUU
siRNA ID 11253	SEQ ID NO: 668	CCUUGGAUCCAGUCACUAAXX	SEQ ID NO: 775	UUAGUGACUGGAUCCAAGGXX
siRNA ID 11205	SEQ ID NO: 669	CUUGGAUCCAGUCACUAAUU	SEQ ID NO: 776	AUUAGUGACUGGAUCCAAGG
siRNA ID 11206	SEQ ID NO: 670	CUUGGAUCCAGUCACUAAUX	SEQ ID NO: 777	AUUAGUGACUGGAUCCAAGX
siRNA ID 11211	SEQ ID NO: 671	CUUGGAUCCAGUCACUAAUUC	SEQ ID NO: 778	AUUAGUGACUGGAUCCAAGGA
siRNA ID 11212	SEQ ID NO: 672	CUUGGAUCCAGUCACUAAUUU	SEQ ID NO: 779	AUUAGUGACUGGAUCCAAGUU
siRNA ID 11213	SEQ ID NO: 673	CUUGGAUCCAGUCACUAAUXX	SEQ ID NO: 780	AUUAGUGACUGGAUCCAAGXX
siRNA ID 11114	SEQ ID NO: 674	UGGAUCCAGUCACUAAUUC	SEQ ID NO: 781	GAAUUAGUGACUGGAUCCAA
siRNA ID 11115	SEQ ID NO: 675	UGGAUCCAGUCACUAAUUCX	SEQ ID NO: 782	GAAUUAGUGACUGGAUCCAX
siRNA ID 11124	SEQ ID NO: 676	UGGAUCCAGUCACUAAUCCG	SEQ ID NO: 783	GAAUUAGUGACUGGAUCCAAG
siRNA ID 11125	SEQ ID NO: 677	UGGAUCCAGUCACUAAUUCUU	SEQ ID NO: 784	GAAUUAGUGACUGGAUCCAUU
siRNA ID 11126	SEQ ID NO: 678	UGGAUCCAGUCACUAAUUCXX	SEQ ID NO: 785	GAAUUAGUGACUGGAUCCAXX

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11163	SEQ ID NO: 679	UUGGAUCCAGUCACUAAUUC	SEQ ID NO: 786	AAUUAGUGACUGGAUCCAAG
siRNA ID 11164	SEQ ID NO: 680	UUGGAUCCAGUCACUAAUUX	SEQ ID NO: 787	AAUUAGUGACUGGAUCCAAX
siRNA ID 11169	SEQ ID NO: 681	UUGGAUCCAGUCACUAAUUC	SEQ ID NO: 788	AAUUAGUGACUGGAUCCAAGG
siRNA ID 11170	SEQ ID NO: 682	UUGGAUCCAGUCACUAAUUUU	SEQ ID NO: 789	AAUUAGUGACUGGAUCCAUU
siRNA ID 11171	SEQ ID NO: 683	UUGGAUCCAGUCACUAAUUX	SEQ ID NO: 790	AAUUAGUGACUGGAUCCAAXX
siRNA ID 11274	SEQ ID NO: 684	UCCUUGGAUCCAGUCACUAA	SEQ ID NO: 791	UAGUGACUGGAUCCAAGGAC
siRNA ID 11275	SEQ ID NO: 685	UCCUUGGAUCCAGUCACUAX	SEQ ID NO: 792	UAGUGACUGGAUCCAAGGAX
siRNA ID 11276	SEQ ID NO: 686	UCCUUGGAUCCAGUCACUAU	SEQ ID NO: 793	UAGUGACUGGAUCCAAGGACC
siRNA ID 11277	SEQ ID NO: 687	UCCUUGGAUCCAGUCACUAUU	SEQ ID NO: 794	UAGUGACUGGAUCCAAGGAUU
siRNA ID 11278	SEQ ID NO: 688	UCCUUGGAUCCAGUCACUAX	SEQ ID NO: 795	UAGUGACUGGAUCCAAGGAXX
siRNA ID 11297	SEQ ID NO: 689	GUCCUUGGAUCCAGUCACUA	SEQ ID NO: 796	AGUGACUGGAUCCAAGGACC
siRNA ID 11298	SEQ ID NO: 690	GUCCUUGGAUCCAGUCACUX	SEQ ID NO: 797	AGUGACUGGAUCCAAGGACX
siRNA ID 11299	SEQ ID NO: 691	GUCCUUGGAUCCAGUCACUAA	SEQ ID NO: 798	AGUGACUGGAUCCAAGGACCA
siRNA ID 11300	SEQ ID NO: 692	GUCCUUGGAUCCAGUCACUUU	SEQ ID NO: 799	AGUGACUGGAUCCAAGGACUU
siRNA ID 11301	SEQ ID NO: 693	GUCCUUGGAUCCAGUCACUX	SEQ ID NO: 800	AGUGACUGGAUCCAAGGACXX
siRNA ID 11014	SEQ ID NO: 694	GCACAUGCUCUCCAUCUUGGC	SEQ ID NO: 801	CCAAUGAUGGAGCAUGUGCG
siRNA ID 11015	SEQ ID NO: 695	GCACAUGCUCUCCAUCUUGGX	SEQ ID NO: 802	CCAAUGAUGGAGCAUGUGCX
siRNA ID 11056	SEQ ID NO: 696	CGCACAUGCUCUCCAUCUUGG	SEQ ID NO: 803	CAAUGAUGGAGCAUGUGCGA
siRNA ID 11057	SEQ ID NO: 697	CGCACAUGCUCUCCAUCUUGX	SEQ ID NO: 804	CAAUGAUGGAGCAUGUGCGX
siRNA ID 11065	SEQ ID NO: 698	CGCACAUGCUCUCCAUCUUGGC	SEQ ID NO: 805	CAAUGAUGGAGCAUGUGCGAA
siRNA ID 11066	SEQ ID NO: 699	CGCACAUGCUCUCCAUCUUGUU	SEQ ID NO: 806	CAAUGAUGGAGCAUGUGCGUU
siRNA ID 11067	SEQ ID NO: 700	CGCACAUGCUCUCCAUCUUGXX	SEQ ID NO: 807	CAAUGAUGGAGCAUGUGCGXX
siRNA ID 11110	SEQ ID NO: 701	UCGCACAUGCUCUCCAUCUUG	SEQ ID NO: 808	AAUGAUGGAGCAUGUGCGAA
siRNA ID 11111	SEQ ID NO: 702	UCGCACAUGCUCUCCAUCUUX	SEQ ID NO: 809	AAUGAUGGAGCAUGUGCGAX
siRNA ID 11118	SEQ ID NO: 703	UCGCACAUGCUCUCCAUCUUGG	SEQ ID NO: 810	AAUGAUGGAGCAUGUGCGAAU
siRNA ID 11119	SEQ ID NO: 704	UCGCACAUGCUCUCCAUCUUUU	SEQ ID NO: 811	AAUGAUGGAGCAUGUGCGAAUU
siRNA ID 11120	SEQ ID NO: 705	UCGCACAUGCUCUCCAUCUUX	SEQ ID NO: 812	AAUGAUGGAGCAUGUGCGAXX
siRNA ID 11165	SEQ ID NO: 706	UUCGCACAUGCUCUCCAUCUU	SEQ ID NO: 813	AUGAUGGAGCAUGUGCGAAU
siRNA ID 11166	SEQ ID NO: 707	UUCGCACAUGCUCUCCAUCUX	SEQ ID NO: 814	AUGAUGGAGCAUGUGCGAAX
siRNA ID 11172	SEQ ID NO: 708	UUCGCACAUGCUCUCCAUCUUG	SEQ ID NO: 815	AUGAUGGAGCAUGUGCGAAUU
siRNA ID 11173	SEQ ID NO: 709	UUCGCACAUGCUCUCCAUCUUU	SEQ ID NO: 816	AUGAUGGAGCAUGUGCGAAUU
siRNA ID 11174	SEQ ID NO: 710	UUCGCACAUGCUCUCCAUCUXX	SEQ ID NO: 817	AUGAUGGAGCAUGUGCGAAXX
siRNA ID 11209	SEQ ID NO: 711	AUUCGCACAUGCUCUCCAUCU	SEQ ID NO: 818	UGAUGGAGCAUGUGCGAAUU
siRNA ID 11210	SEQ ID NO: 712	AUUCGCACAUGCUCUCCAUCAX	SEQ ID NO: 819	UGAUGGAGCAUGUGCGAAUX
siRNA ID 11214	SEQ ID NO: 713	AUUCGCACAUGCUCUCCAUCUU	SEQ ID NO: 820	UGAUGGAGCAUGUGCGAAUUC
siRNA ID 11215	SEQ ID NO: 714	AUUCGCACAUGCUCUCCAUCUU	SEQ ID NO: 821	UGAUGGAGCAUGUGCGAAUUU
siRNA ID 11216	SEQ ID NO: 715	AUUCGCACAUGCUCUCCAUCXX	SEQ ID NO: 822	UGAUGGAGCAUGUGCGAAUXX
siRNA ID 11272	SEQ ID NO: 716	GAAUUCGCACAUGCUCUCAUC	SEQ ID NO: 823	AUGGAGCAUGUGCGAAUUCA

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11273	SEQ ID NO: 717	GAAUUCGCACAUGCUC CAUX	SEQ ID NO: 824	AUGGAGCAUGUGCGAAUUCX
siRNA ID 11010	SEQ ID NO: 718	CACCUUCGAGGGUCCAGUUC	SEQ ID NO: 825	AACUGGACCCUCGAAGGUGG
siRNA ID 11011	SEQ ID NO: 719	CACCUUCGAGGGUCCAGUUX	SEQ ID NO: 826	AACUGGACCCUCGAAGGUGX
siRNA ID 11054	SEQ ID NO: 720	CCACCUUCGAGGGUCCAGUU	SEQ ID NO: 827	ACUGGACCCUCGAAGGUGGA
siRNA ID 11055	SEQ ID NO: 721	CCACCUUCGAGGGUCCAGUX	SEQ ID NO: 828	ACUGGACCCUCGAAGGUGGX
siRNA ID 11062	SEQ ID NO: 722	CCACCUUCGAGGGUCCAGUUC	SEQ ID NO: 829	ACUGGACCCUCGAAGGUGGAA
siRNA ID 11063	SEQ ID NO: 723	CCACCUUCGAGGGUCCAGUUU	SEQ ID NO: 830	ACUGGACCCUCGAAGGUGGUU
siRNA ID 11064	SEQ ID NO: 724	CCACCUUCGAGGGUCCAGUXX	SEQ ID NO: 831	ACUGGACCCUCGAAGGUGGXX
siRNA ID 11112	SEQ ID NO: 725	UCCACCUUCGAGGGUCCAGU	SEQ ID NO: 832	CUGGACCCUCGAAGGUGGAA
siRNA ID 11113	SEQ ID NO: 726	UCCACCUUCGAGGGUCCAGX	SEQ ID NO: 833	CUGGACCCUCGAAGGUGGAX
siRNA ID 11121	SEQ ID NO: 727	UCCACCUUCGAGGGUCCAGUU	SEQ ID NO: 834	CUGGACCCUCGAAGGUGGAAG
siRNA ID 11122	SEQ ID NO: 728	UCCACCUUCGAGGGUCCAGUU	SEQ ID NO: 835	CUGGACCCUCGAAGGUGGAUU
siRNA ID 11123	SEQ ID NO: 729	UCCACCUUCGAGGGUCCAGXX	SEQ ID NO: 836	CUGGACCCUCGAAGGUGGAXX
siRNA ID 11167	SEQ ID NO: 730	UCCACCUUCGAGGGUCCAG	SEQ ID NO: 837	UGGACCCUCGAAGGUGGAAG
siRNA ID 11168	SEQ ID NO: 731	UCCACCUUCGAGGGUCCAX	SEQ ID NO: 838	UGGACCCUCGAAGGUGGAAX
siRNA ID 11175	SEQ ID NO: 732	UCCACCUUCGAGGGUCCAGU	SEQ ID NO: 839	UGGACCCUCGAAGGUGGAAGA
siRNA ID 11176	SEQ ID NO: 733	UCCACCUUCGAGGGUCCAUU	SEQ ID NO: 840	UGGACCCUCGAAGGUGGAUUU
siRNA ID 11177	SEQ ID NO: 734	UCCACCUUCGAGGGUCCAXX	SEQ ID NO: 841	UGGACCCUCGAAGGUGGAAXX
siRNA ID 11207	SEQ ID NO: 735	CUUCCACCUUCGAGGGUCCA	SEQ ID NO: 842	GGACCCUCGAAGGUGGAAGA
siRNA ID 11208	SEQ ID NO: 736	CUUCCACCUUCGAGGGUCCX	SEQ ID NO: 843	GGACCCUCGAAGGUGGAAGX

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 01039	SEQ ID NO: 737	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO: 844	ACCAAAACCUGGCUGGUUGGA
siRNA ID 01037	SEQ ID NO: 738	CAACCAGCCAGGUUUUGGUC	SEQ ID NO: 845	ACCAAAACCUGGCUGGUUGG
siRNA ID 01038	SEQ ID NO: 739	CAACCAGCCAGGUUUUGGUX	SEQ ID NO: 846	ACCAAAACCUGGCUGGUUGX
siRNA ID 01040	SEQ ID NO: 740	CAACCAGCCAGGUUUUGGUUU	SEQ ID NO: 847	ACCAAAACCUGGCUGGUUGUU
siRNA ID 01041	SEQ ID NO: 741	CAACCAGCCAGGUUUUGGUXX	SEQ ID NO: 848	ACCAAAACCUGGCUGGUUGXX
siRNA ID 01015	SEQ ID NO: 742	GCUCAUCAGCCAGCUGGUGU	SEQ ID NO: 849	CACCAGCUGGCUGAUGAGCU
siRNA ID 01016	SEQ ID NO: 743	GCUCAUCAGCCAGCUGGUGX	SEQ ID NO: 850	CACCAGCUGGCUGAUGAGCX
siRNA ID 01017	SEQ ID NO: 744	AACCAGCCAGGUUUUGGUCC	SEQ ID NO: 851	GACCAAAACCUGGCUGGUUG
siRNA ID 01018	SEQ ID NO: 745	AACCAGCCAGGUUUUGGUCX	SEQ ID NO: 852	GACCAAAACCUGGCUGGUUX
siRNA ID 01051	SEQ ID NO: 746	CCAACCAGCCAGGUUUUGGU	SEQ ID NO: 853	CCAAAACCUGGCUGGUUGGA
siRNA ID 01052	SEQ ID NO: 747	CCAACCAGCCAGGUUUUGGX	SEQ ID NO: 854	CCAAAACCUGGCUGGUUGGX

Figure 3 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 13041	SEQ ID NO: 855	GAUCCAGUCACUAAUCCG	SEQ ID NO: 908	GAAUUAGUGACUGGAUC
siRNA ID 13042	SEQ ID NO: 856	UCCAGAGAGAUUUUGGCAC	SEQ ID NO: 909	GCCAAAUCUCUCUGGA
siRNA ID 13043	SEQ ID NO: 857	UGAAUUCGCACAUGCUC	SEQ ID NO: 910	GAGCAUGUGCGAAUUA
siRNA ID 13047	SEQ ID NO: 858	GGUCCUUGGAUCCAGUCAC	SEQ ID NO: 911	GACUGGAUCCAAGGACC
siRNA ID 13048	SEQ ID NO: 859	AAUUCGCACAUGCUC	SEQ ID NO: 912	UGGAGCAUGUGCGAAUU
siRNA ID 13121	SEQ ID NO: 860	GAUCCAGUCACUAAUCCG	SEQ ID NO: 913	AUUAGUGACUGGAUC
siRNA ID 13122	SEQ ID NO: 861	UCCAGAGAGAUUUUGGCAC	SEQ ID NO: 914	CAAAUCUCUCUGGA
siRNA ID 13123	SEQ ID NO: 862	UGAAUUCGCACAUGCUC	SEQ ID NO: 915	GCAUGUGCGAAUUA
siRNA ID 13127	SEQ ID NO: 863	GGUCCUUGGAUCCAGUCAC	SEQ ID NO: 916	CUGGAUCCAAGGACC
siRNA ID 13128	SEQ ID NO: 864	AAUUCGCACAUGCUC	SEQ ID NO: 917	GAGCAUGUGCGAAUU
siRNA ID 13161	SEQ ID NO: 865	GAUCCAGUCACUAAUCCG	SEQ ID NO: 918	UUAGUGACUGGAUC
siRNA ID 13162	SEQ ID NO: 866	UCCAGAGAGAUUUUGGCAC	SEQ ID NO: 919	AAAUCUCUCUGGA
siRNA ID 13163	SEQ ID NO: 867	UGAAUUCGCACAUGCUC	SEQ ID NO: 920	CAUGUGCGAAUUA
siRNA ID 13167	SEQ ID NO: 868	GGUCCUUGGAUCCAGUCAC	SEQ ID NO: 921	UGGAUCCAAGGACC
siRNA ID 13168	SEQ ID NO: 869	AAUUCGCACAUGCUC	SEQ ID NO: 922	AGCAUGUGCGAAUU
siRNA ID 14041	SEQ ID NO: 870	GAUCCAGUCACUAAUCCG	SEQ ID NO: 923	CGGAAUUAGUGACUGGA
siRNA ID 14121	SEQ ID NO: 871	GAUCCAGUCACUAAUCCG	SEQ ID NO: 924	CGGAAUUAGUGACUG
siRNA ID 14082	SEQ ID NO: 872	UCCAGAGAGAUUUUGGCAC	SEQ ID NO: 925	GUGCCAAAUCUCUCU
siRNA ID 14122	SEQ ID NO: 873	UCCAGAGAGAUUUUGGCAC	SEQ ID NO: 926	GUGCCAAAUCUCUC
siRNA ID 14043	SEQ ID NO: 874	UGAAUUCGCACAUGCUC	SEQ ID NO: 927	UGGAGCAUGUGCGAAUU
siRNA ID 14123	SEQ ID NO: 875	UGAAUUCGCACAUGCUC	SEQ ID NO: 928	UGGAGCAUGUGCGAA
siRNA ID 14047	SEQ ID NO: 876	GGUCCUUGGAUCCAGUCAC	SEQ ID NO: 929	GUGACUGGAUCCAAGGA
siRNA ID 14127	SEQ ID NO: 877	GGUCCUUGGAUCCAGUCAC	SEQ ID NO: 930	GUGACUGGAUCCAAG
siRNA ID 14048	SEQ ID NO: 878	AAUUCGCACAUGCUC	SEQ ID NO: 931	GAUGGAGCAUGUGCGAA
siRNA ID 14128	SEQ ID NO: 879	AAUUCGCACAUGCUC	SEQ ID NO: 932	GAUGGAGCAUGUGCG

Figure 4

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 03025	SEQ ID NO: 880	UGUCACAGUGACAAGCUUG	SEQ ID NO: 933	AGCUUGUCACUGUGACA
siRNA ID 03026	SEQ ID NO: 881	CAACCAGCCAGGUUUUGGU	SEQ ID NO: 934	CAAAACCUGGCUGGUUG
siRNA ID 03028	SEQ ID NO: 882	UGUCUUUCCUGCACUGCAG	SEQ ID NO: 935	GCAGUGCAGGAAAGACA
siRNA ID 03029	SEQ ID NO: 883	UGAACCACAUGGCUAUGAC	SEQ ID NO: 936	CAUAGCCAUGUGGUUCA
siRNA ID 03073	SEQ ID NO: 884	UGUCACAGUGACAAGCUUG	SEQ ID NO: 937	CUUGUCACUGUGACA
siRNA ID 03074	SEQ ID NO: 885	CAACCAGCCAGGUUUUGGU	SEQ ID NO: 938	AAACCUGGCUGGUUG
siRNA ID 03076	SEQ ID NO: 886	UGUCUUUCCUGCACUGCAG	SEQ ID NO: 939	AGUGCAGGAAAGACA
siRNA ID 03077	SEQ ID NO: 887	UGAACCACAUGGCUAUGAC	SEQ ID NO: 940	UAGCCAUGUGGUUCA
siRNA ID 03097	SEQ ID NO: 888	UGUCACAGUGACAAGCUUG	SEQ ID NO: 941	UUGUCACUGUGACA
siRNA ID 03098	SEQ ID NO: 889	CAACCAGCCAGGUUUUGGU	SEQ ID NO: 942	AACCUGGCUGGUUG
siRNA ID 03100	SEQ ID NO: 890	UGUCUUUCCUGCACUGCAG	SEQ ID NO: 943	GUGCAGGAAAGACA
siRNA ID 03101	SEQ ID NO: 891	UGAACCACAUGGCUAUGAC	SEQ ID NO: 944	AGCCAUGUGGUUCA
siRNA ID 05001	SEQ ID NO: 892	UGUCACAGUGACAAGCUUG	SEQ ID NO: 945	CACUUGUCACUGUGACA
siRNA ID 05002	SEQ ID NO: 893	UGUCACAGUGACAAGCUUG	SEQ ID NO: 946	CACUUGUCACUGUGA
siRNA ID 04025	SEQ ID NO: 894	UGUCACAGUGACAAGCUUG	SEQ ID NO: 947	CAAGCUUGUCACUGUGA
siRNA ID 04026	SEQ ID NO: 895	CAACCAGCCAGGUUUUGGU	SEQ ID NO: 948	ACCAAAACCUGGCUGGU
siRNA ID 04073	SEQ ID NO: 896	UGUCACAGUGACAAGCUUG	SEQ ID NO: 949	CAAGCUUGUCACUGU
siRNA ID 04074	SEQ ID NO: 897	CAACCAGCCAGGUUUUGGU	SEQ ID NO: 950	ACCAAAACCUGGCUG
siRNA ID 04098	SEQ ID NO: 898	CAACCAGCCAGGUUUUGGU	SEQ ID NO: 951	ACCAAAACCUGGCU
siRNA ID 05003	SEQ ID NO: 899	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO: 952	CAAAACCUGGCUGGUUGGA
siRNA ID 05004	SEQ ID NO: 900	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO: 953	AAACCUGGCUGGUUGGA
siRNA ID 05005	SEQ ID NO: 901	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO: 954	AACCUGGCUGGUUGGA
siRNA ID 05006	SEQ ID NO: 902	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO: 955	ACCAAAACCUGGCUGGUGA
siRNA ID 05007	SEQ ID NO: 903	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO: 956	ACCAAAACCUGGCUGGA
siRNA ID 04028	SEQ ID NO: 904	UGUCUUUCCUGCACUGCAG	SEQ ID NO: 957	CUGCAGUGCAGGAAAGA
siRNA ID 04029	SEQ ID NO: 905	UGAACCACAUGGCUAUGAC	SEQ ID NO: 958	GUCAUAGCCAUGUGGUU
siRNA ID 04076	SEQ ID NO: 906	UGUCUUUCCUGCACUGCAG	SEQ ID NO: 959	CUGCAGUGCAGGAAA
siRNA ID 04077	SEQ ID NO: 907	UGAACCACAUGGCUAUGAC	SEQ ID NO: 960	GUCAUAGCCAUGUGG

Figure 4 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11009	SEQ ID NO. 65	GAUCCAGUCACUAAUUCG	SEQ ID NO. 129	CGGAUUAGUGACUGGAUC
siRNA ID 11009v1	SEQ ID NO. 961	4253728172716251738	SEQ ID NO. 1098	7846251645463548253
siRNA ID 11009v2	SEQ ID NO. 962	4*2*537281727162517*3*8	SEQ ID NO. 1099	7*8*46251645463548253
siRNA ID 11009v3	SEQ ID NO. 963	4*25372817271625173*8	SEQ ID NO. 1100	7*846251645463548253
siRNA ID 11009v4	SEQ ID NO. 964	G*AUC7A8U7AC5AAUUCG	SEQ ID NO. 1101	7*GGAA55AG5GA75GGA57
siRNA ID 11009v5	SEQ ID NO. 965	VP-G*2*UC7A8U7AC5AAUUC*G	SEQ ID NO. 1102	7*GGAA55AG5GA71GGA57
siRNA ID 11009v6	SEQ ID NO. 966	VP-G*2UC7A8U7AC5AAUUCG	SEQ ID NO. 1103	7*GGAA55AG5GA75GGA57
siRNA ID 11009v7	SEQ ID NO. 967	VP-G*2UC7A8U7AC5AAUUCG	SEQ ID NO. 1104	nC*GGAA55AG5GA75GGA57
siRNA ID 11009v8	SEQ ID NO. 968	VP-G*2UC7A8U7AC5AAUUCG	SEQ ID NO. 1105	nC*GGAA55AG5GA75GGA57
siRNA ID 11009v9	SEQ ID NO. 969	VP-G*2UC7A8U7AC5AAUUCG	SEQ ID NO. 1106	§C*GGAA55AG5GA75GGA57
siRNA ID 11009v10	SEQ ID NO. 970	VP-G*2UC7A8U7AC5AAUUCG	SEQ ID NO. 1107	§C*GGAA55AG5GA75GGA57
siRNA ID 11009v11	SEQ ID NO. 971	8*253728UCACUAAUUCG	SEQ ID NO. 1108	3*8462516GUGACUGGAUC
siRNA ID 11009v12	SEQ ID NO. 972	G*6U7C6G5C6C5AAU5C7*G	SEQ ID NO. 1109	7*G8A6U5A8U8A7U8G5U3
siRNA ID 11009v13	SEQ ID NO. 973	G*2U3C2G1C2C1AAU1C3*G	SEQ ID NO. 1110	C*G4A2U1A4U4A3U4G1U3
siRNA ID 11009v14	SEQ ID NO. 974	GAUCC641CAC16AUUCG	SEQ ID NO. 1111	[q3]-3*GGAA11AGUGAC1GGA13-[q3]
siRNA ID 11009v15	SEQ ID NO. 975	GA133A41CA31AA1133*G	SEQ ID NO. 1112	C*8866UU6GUG86CU886UC
siRNA ID 11009v17	SEQ ID NO. 976	GA577AG57A75AA557*7*G	SEQ ID NO. 1113	7*GGAA55AG5GA7UGGAU7
siRNA ID 11009v18	SEQ ID NO. 977	G*AUCCAGUCACUAAUUCG	SEQ ID NO. 1114	Z*YYWW1124142CbYYWbX
siRNA ID 11009v19	SEQ ID NO. 978	VP-GA9KKAG9CACUAAUUCG	SEQ ID NO. 1115	7*GGAA55AG5GA75GGA57
siRNA ID 11009v16	SEQ ID NO. 979	VP-GAUCCAGUCAK9AA99KK*G	SEQ ID NO. 1116	7*GGAA55AG5GA75GGA57
siRNA ID 13041	SEQ ID NO. 855	GAUCCAGUCACUAAUUCG	SEQ ID NO. 908	GAAUUAGUGACUGGAUC
siRNA ID 13121	SEQ ID NO. 860	GAUCCAGUCACUAAUUCG	SEQ ID NO. 913	AUUAGUGACUGGAUC
siRNA ID 13161	SEQ ID NO. 865	GAUCCAGUCACUAAUUCG	SEQ ID NO. 918	UUAGUGACUGGAUC
siRNA ID 11129	SEQ ID NO. 66	UCCAGAGAGAUUUUGGCAC	SEQ ID NO. 130	GUGCCAAAAUCUCUCUGGA
siRNA ID 11129v1	SEQ ID NO. 980	1372828282515184727	SEQ ID NO. 1117	8547362625353535482
siRNA ID 11129v2	SEQ ID NO. 981	1*3*728282825151847*2*7	SEQ ID NO. 1118	8*547362625353535482
siRNA ID 11129v3	SEQ ID NO. 982	1*3*7282828251518472*7	SEQ ID NO. 1119	8*547362625353535482
siRNA ID 11129v4	SEQ ID NO. 983	137282828251518472*7	SEQ ID NO. 1120	8*547362625353535482
siRNA ID 11129v5	SEQ ID NO. 984	UC7AGAGAGAUUUUGG7A*C	SEQ ID NO. 1121	8*5G77AAAA5757575GGA
siRNA ID 11129v6	SEQ ID NO. 985	VP-U*3*7AGA8AGAUUUUGG7A*C	SEQ ID NO. 1122	8*5G77AAAA5757575GGA
siRNA ID 11129v7	SEQ ID NO. 986	VP-U*37AGA8AGAUUUUGG7A*C	SEQ ID NO. 1123	8*5G77AAAA5757575GGA

Figure 5

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 11129v8	SEQ ID NO. 987	VP-U*3*7AGA8AGAUUUUGG7*A*C	SEQ ID NO. 1124	nG*5G77AAAA575755GGA
siRNA ID 11129v9	SEQ ID NO. 988	VP-U*3*7AGA8AGAUUUUGG7*A*C	SEQ ID NO. 1125	nG*5G77AAAA575755GGA
siRNA ID 11129v10	SEQ ID NO. 989	VP-U*3*7AGA8AGAUUUUGG7*A*C	SEQ ID NO. 1126	§G*5G77AAAA575755GGA
siRNA ID 11129v11	SEQ ID NO. 990	VP-U*U*3*7AGA8AGAUUUUGG7*A*C	SEQ ID NO. 1127	§G*5G77AAAA575755GGA
siRNA ID 11129v12	SEQ ID NO. 991	1C7A828A82UUUUGGCA*C	SEQ ID NO. 1128	8*U433A26AUCUCUCUGGA
siRNA ID 11129v13	SEQ ID NO. 992	U7C6G6G6G6U5UUG8C6*C	SEQ ID NO. 1129	8*U8C7A2A2U7U7U8G6
siRNA ID 11129v14	SEQ ID NO. 993	U11AGAGAGAU11UGG3A*3	SEQ ID NO. 1130	G*1GC3AAAAUCUC1C5GGA
siRNA ID 11129v15	SEQ ID NO. 994	UCC68642GAUUUG836*3	SEQ ID NO. 1131	[q3]-G*1G33AAAA1357131GGA-[q3]
siRNA ID 11129v16	SEQ ID NO. 995	UC7AGAGAGAUUUUGGCA*C	SEQ ID NO. 1132	G*5G55AAAAU5U5U5UGGA
siRNA ID 11129v17	SEQ ID NO. 996	UC7AGAGAGAUUUUGG7*A*C	SEQ ID NO. 1133	G*5*G*77AAAAUCUCUC5GGA
siRNA ID 11129v18	SEQ ID NO. 997	U*CCAGAGAGAUUUUGGCA*C	SEQ ID NO. 1134	Y*XYbb6666U7575bbYYW
siRNA ID 11129v19	SEQ ID NO. 998	VP-UKKAGAGAGAUUUUGGCA*C	SEQ ID NO. 1135	85G77AAAA575755GG*A
siRNA ID 11129v20	SEQ ID NO. 999	VP-UCCAGAGAGA9999GGKA*K	SEQ ID NO. 1136	85G77AAAA575755GG*A
siRNA ID 13042	SEQ ID NO. 856	UCCAGAGAGAUUUUGGCAC	SEQ ID NO. 909	GCCAAAAUCUCUCUGGA
siRNA ID 13122	SEQ ID NO. 861	UCCAGAGAGAUUUUGGCAC	SEQ ID NO. 914	CAAAAUCUCUCUGGA
siRNA ID 13162	SEQ ID NO. 866	UCCAGAGAGAUUUUGGCAC	SEQ ID NO. 919	AAAAUCUCUCUGGA
siRNA ID 10001	SEQ ID NO. 72	AAUUCGCACAUGCUCUCCAU	SEQ ID NO. 136	GAUGGAGCAUGUGCGAAUU
siRNA ID 10002 (siRNA ID 10001v1)	SEQ ID NO. 1000	2251747272547173617	SEQ ID NO. 1137	8618464725454746251
siRNA ID 10001v2	SEQ ID NO. 1001	225174727254717361*7	SEQ ID NO. 1138	8*618464725454746251
siRNA ID 10001v3	SEQ ID NO. 1002	2*2*5174727254717361*7	SEQ ID NO. 1139	8*618464725454746251
siRNA ID 10001v4	SEQ ID NO. 1003	2*25174727254717361*7	SEQ ID NO. 1140	8*618464725454746251
siRNA ID 10001v5	SEQ ID NO. 1004	AAUUCG7A7AUGCUC7AU*C	SEQ ID NO. 1141	8*A5GGAG7A5G5G7GAA55
siRNA ID 10001v6	SEQ ID NO. 1005	VP-A*A*UUCG7gA7AUGCUC7A*U*C	SEQ ID NO. 1142	8*A5GGAG7A5G5G7GAA55
siRNA ID 10001v7	SEQ ID NO. 1006	VP-A*AUUCG7gA7AUGCUC7AU*C	SEQ ID NO. 1143	8*A5GGAG7A5G5G7GAA55
siRNA ID 10001v8	SEQ ID NO. 1007	VP-A*A*UUCG7gA7AUGCUC7A*U*C	SEQ ID NO. 1144	nG*A5GGAG7A5G5G7GAA55
siRNA ID 10001v9	SEQ ID NO. 1008	VP-A*AUUCG7gA7AUGCUC7AU*C	SEQ ID NO. 1145	nG*A5GGAG7A5G5G7GAA55
siRNA ID 10001v10	SEQ ID NO. 1009	VP-A*A*UUCG7gA7AUGCUC7A*U*C	SEQ ID NO. 1146	§G*A5GGAG7A5G5G7GAA55
siRNA ID 10001v11	SEQ ID NO. 1010	VP-A*AUUCG7gA7AUGCUC7AU*C	SEQ ID NO. 1147	§G*A5GGAG7A5G5G7GAA55
siRNA ID 10001v12	SEQ ID NO. 1011	A2U17G7ACA5GCUC7AU*C	SEQ ID NO. 1148	8*65881G7A5G5G7GAA55

Figure 5 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 10001v13	SEQ ID NO. 1012	A6U5C8C6C6U8C5C7A5*C	SEQ ID NO. 1149	8*A5G8A876585878A6U*5
siRNA ID 10001v14	SEQ ID NO. 1013	AAU13G3ACA1GCUC3A1*C	SEQ ID NO. 1150	G*A1GGAG3AUG1GCGAA1U
siRNA ID 10001v15	SEQ ID NO. 1014	AAUUC8327AU8CUC76U*C	SEQ ID NO. 1151	[q3]-G*A1GGAG3AUGUG3GAA11-[q3]
siRNA ID 10001v16	SEQ ID NO. 1015	AAUUCG7ACAUGCUC7AU*C	SEQ ID NO. 1152	8*A5GGAG7A5G5G7GAA55
siRNA ID 10001v17	SEQ ID NO. 1016	22*U13GCACAUG7GCCA*U*C	SEQ ID NO. 1153	G*A58GAG7AUG58CGAAUU
siRNA ID 10001v18	SEQ ID NO. 1017	AAUUCGCACAUGCUCUCCAU*C	SEQ ID NO. 1154	Y*VbYYA876UG5878WWbb
siRNA ID 10001v19	SEQ ID NO. 1018	VP-AAUUCGKAKAUGCUCUCCAU*C	SEQ ID NO. 1155	nG*AUGGAGCAUGUGCGAAUU
siRNA ID 10001v20	SEQ ID NO. 1019	VP-AA99KGKAKAUGCUCUCCAU*C	SEQ ID NO. 1156	nG*AUGGAGCAUGUGCGAAUU
siRNA ID 10001v21	SEQ ID NO. 1020	VP-AAUUCGCACAUGK9KKA9*K	SEQ ID NO. 1157	nG*AUGGAGCAUGUGCGAAUU
siRNA ID 10003 (siRNA ID 10001v22)	SEQ ID NO. 1021	AAUUCG7A7AUGCUC7AUC	SEQ ID NO. 1158	8A5GGAG7A5G5G7GAA55
siRNA ID 13048	SEQ ID NO. 859	AAUUCGCACAUGCUCUCCAU	SEQ ID NO. 912	UGGAGCAUGUGCGAAUU
siRNA ID 13128	SEQ ID NO. 864	AAUUCGCACAUGCUCUCCAU	SEQ ID NO. 917	GAGCAUGUGCGAAUU
siRNA ID 13168	SEQ ID NO. 869	AAUUCGCACAUGCUCUCCAU	SEQ ID NO. 922	AGCAUGUGCGAAUU
siRNA ID 01009	SEQ ID NO. 105	UGUCACAGUGACAAGCUUG	SEQ ID NO. 169	CAAGCUUGUCACUGUGACA
siRNA ID 01009v1	SEQ ID NO. 1022	1453636454636283518	SEQ ID NO. 1159	7628351817271818272
siRNA ID 01009v2	SEQ ID NO. 1023	1*4*5363645463628351*8	SEQ ID NO. 1160	7*628351817271818272
siRNA ID 01009v3	SEQ ID NO. 1024	1*45363645463628351*8	SEQ ID NO. 1161	7*628351817271818272
siRNA ID 01009v4	SEQ ID NO. 1025	145363645463628351*8	SEQ ID NO. 1162	7*628351817271818272
siRNA ID 01009v5	SEQ ID NO. 1026	UGU7A7AGUGA7AAGCUU*G	SEQ ID NO. 1163	7*AAG755G57A7585GA7A
siRNA ID 01009v6	SEQ ID NO. 1027	VP-U*G*U7A7gAGUGA7AAGCU*U*G	SEQ ID NO. 1164	7*AAG755G57A7585GA7A
siRNA ID 01009v7	SEQ ID NO. 1028	VP-U*GU7A7gAGUGA7AAGCUU*G	SEQ ID NO. 1165	7*AAG755G57A7585GA7A
siRNA ID 01009v8	SEQ ID NO. 1029	VP-U*G*U7A7gAGUGA7AAGCU*U*G	SEQ ID NO. 1166	nC*AAG755G57A7585GA7A
siRNA ID 01009v9	SEQ ID NO. 1030	VP-U*GU7A7gAGUGA7AAGCUU*G	SEQ ID NO. 1167	nC*AAG755G57A7585GA7A
siRNA ID 01009v10	SEQ ID NO. 1031	VP-U*G*U7A7gAGUGA7AAGCU*U*G	SEQ ID NO. 1168	§C*AAG755G57A7585GA7A
siRNA ID 01009v11	SEQ ID NO. 1032	VP-U*GU7A7gAGUGA7AAGCUU*G	SEQ ID NO. 1169	§C*AAG755G57A7585GA7A
siRNA ID 01009v12	SEQ ID NO. 1033	1853636GUGA7AAGCUU*G	SEQ ID NO. 1170	7*264711GUCACUGUGACA
siRNA ID 01009v13	SEQ ID NO. 1034	U8U7A7A8U8A7A6G7U5*G	SEQ ID NO. 1171	7*A6G7U5G5C6C5G5G6C6
siRNA ID 01009v14	SEQ ID NO. 1035	1GU3A3AGUGA3AAGC11*G	SEQ ID NO. 1172	3AAG3U1GUCACUG1GAC*A
siRNA ID 01009v15	SEQ ID NO. 1036	UGUC6C24UGAC6A8CUU*8	SEQ ID NO. 1173	[q3]-C*AAGCUUGUCACUGUGACA-[q3]
siRNA ID 01009v16	SEQ ID NO. 1037	UG57ACAGUGACAAGCUU*G	SEQ ID NO. 1174	7*AAGC55G5CAC5G5GA7A

Figure 5 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 01009v17	SEQ ID NO. 1038	14*U327AGUGA7AAGC*U*5*G	SEQ ID NO. 1175	7AAGCU5GUCAC5G5GA7*A
siRNA ID 01009v18	SEQ ID NO. 1039	UGUCACAGUGACAAGCUU*G	SEQ ID NO. 1176	Z*WWYZb585767541YWZW
siRNA ID 01009v19	SEQ ID NO. 1040	VP-U*UGUCAKAGUGAKAAGCUUG	SEQ ID NO. 1177	nC*AAG755G57A7585GA7A
siRNA ID 01009v20	SEQ ID NO. 1041	VP-9G9KAKAGUGAKAAGCUU*G	SEQ ID NO. 1178	nC*AAG755G57A7585GA7A
siRNA ID 01009v21	SEQ ID NO. 1042	VP-UGUCACAGUGAKAAGC99*G	SEQ ID NO. 1179	nC*AAG755G57A7585GA7A
siRNA ID 03025	SEQ ID NO. 880	UGUCACAGUGACAAGCUUG	SEQ ID NO. 933	AGCUUGUCACUGUGACA
siRNA ID 03073	SEQ ID NO. 884	UGUCACAGUGACAAGCUUG	SEQ ID NO. 937	CUUGUCACUGUGACA
siRNA ID 03097	SEQ ID NO. 888	UGUCACAGUGACAAGCUUG	SEQ ID NO. 941	UUGUCACUGUGACA
siRNA ID 04025	SEQ ID NO. 894	UGUCACAGUGACAAGCUUG	SEQ ID NO. 947	CAAGCUUGUCACUGUGA
siRNA ID 04025v1	SEQ ID NO. 1043	1453636454636283518	SEQ ID NO. 1180	76283518172718182
siRNA ID 04073	SEQ ID NO. 896	UGUCACAGUGACAAGCUUG	SEQ ID NO. 949	CAAGCUUGUCACUGU
siRNA ID 04073v1	SEQ ID NO. 1044	1453636454636283518	SEQ ID NO. 1181	762835181727181
0siRNA ID 05006	SEQ ID NO. 902	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO. 955	ACCAAACCUGGCUGGUGA
siRNA ID 05006v1	SEQ ID NO. 1045	326372837284515184537	SEQ ID NO. 1182	6736262735483548182
siRNA ID 05007	SEQ ID NO. 903	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO. 956	ACCAAACCUGGCUGGA
siRNA ID 05007v1	SEQ ID NO. 1046	326372837284515184537	SEQ ID NO. 1183	67362627354835482
siRNA ID 01021	SEQ ID NO. 385	CAACCAGCCAGGUUUUGGUUU	SEQ ID NO. 609	ACCAAACCUGGCUGCAAC
siRNA ID 01019	SEQ ID NO. 106	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 170	ACCAAACCUGGCUGGUUG
siRNA ID 01019v1	SEQ ID NO. 1047	3263728372845151845	SEQ ID NO. 1184	6736262735483548154
siRNA ID 01019v2	SEQ ID NO. 1048	3*2*637283728451518*4*5	SEQ ID NO. 1185	6*7*36262735483548154
siRNA ID 01019v3	SEQ ID NO. 1049	3*26372837284515184*5	SEQ ID NO. 1186	6*736262735483548154
siRNA ID 01019v4	SEQ ID NO. 1050	326372837284515184*5	SEQ ID NO. 1187	6*736262735483548154
siRNA ID 01019v5	SEQ ID NO. 1051	7AAC7AGC7AGGUUUUGG*U	SEQ ID NO. 1188	6*77AAAA775GG75GG55G
siRNA ID 01019v6	SEQ ID NO. 1052	VP-A*A*C7AGgCCAGGUUUUG*G*U	SEQ ID NO. 1189	6*77AAAA775GG75GG55G
siRNA ID 01019v7	SEQ ID NO. 1053	VP-A*AC7AGgCCAGGUUUUGG*U	SEQ ID NO. 1190	6*77AAAA775GG75GG55G
siRNA ID 01019v8	SEQ ID NO. 1054	VP-A*A*C7AGgCCAGGUUUUG*G*U	SEQ ID NO. 1191	nA*77AAAA775GG75GG55G
siRNA ID 01019v9	SEQ ID NO. 1055	VP-A*AC7AGgCCAGGUUUUGG*U	SEQ ID NO. 1192	nA*77AAAA775GG75GG55G
siRNA ID 01019v10	SEQ ID NO. 1056	VP-A*A*C7AGgCCAGGUUUUG*G*U	SEQ ID NO. 1193	§A*77AAAA775GG75GG55G
siRNA ID 01019v11	SEQ ID NO. 1057	VP-A*AC7AGgCCAGGUUUUGG*U	SEQ ID NO. 1194	§A*77AAAA775GG75GG55G
siRNA ID 01019v12	SEQ ID NO. 1058	3627368CCAGGUUU5GG*5	SEQ ID NO. 1195	6*736262CCUGGCUGGUUG
siRNA ID 01019v13	SEQ ID NO. 1059	C6A7C6G7C6G8U5U5G8*U	SEQ ID NO. 1196	6*C7A6A6CCU8G7U8G5U8

Figure 5 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 01019v14	SEQ ID NO. 1060	3AAC3AG3CAGGUU11GG*1	SEQ ID NO. 1197	A33AAAACCUGGC1GGU1*G
siRNA ID 01019v15	SEQ ID NO. 1061	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 1198	[q3]-A*33AAAA3CUGGC1GG11G-[q3]
siRNA ID 01019v16	SEQ ID NO. 1062	CAAC7AGCCAGGUUU5GG*U	SEQ ID NO. 1199	A*77AAAA77UGG75GG55G
siRNA ID 01019v17	SEQ ID NO. 1063	32*A*33*AGC7AGGUUU5G*G*U	SEQ ID NO. 1200	A*C7AAAACC5GGC5GGU5G
siRNA ID 01019v18	SEQ ID NO. 1064	CAACCAGCCAGGUUUUGG*U	SEQ ID NO. 1201	W*ZZWWWWW77588758YbbY
siRNA ID 01019v19	SEQ ID NO. 1065	VP-CAACCAGKKAGGUUUUGG*U	SEQ ID NO. 1202	nA*77AAAA775GG75GG55G
siRNA ID 01019v20	SEQ ID NO. 1066	VP-CAAKKAGKAGGUUUUGG*U	SEQ ID NO. 1203	nA77AAAA775GG75GG55G
siRNA ID 01019v21	SEQ ID NO. 1067	7AAC7AGC7AGGUUUUGG*U	SEQ ID NO. 1204	6*77A775GG75GG55G
siRNA ID 03026	SEQ ID NO. 881	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 934	CAAAACCUGGCUGGUUG
siRNA ID 03074	SEQ ID NO. 885	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 938	AAACCUGGCUGGUUG
siRNA ID 03098	SEQ ID NO. 889	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 942	AACCUGGCUGGUUG
siRNA ID 04026	SEQ ID NO. 895	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 948	ACCAAAACCUGGCUGGU
siRNA ID 04026v1	SEQ ID NO. 1068	3263728372845151845	SEQ ID NO. 1205	67362627354835481
siRNA ID 04074	SEQ ID NO. 897	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 950	ACCAAAACCUGGCUG
siRNA ID 04074v1	SEQ ID NO. 1069	3263728372845151845	SEQ ID NO. 1206	673626273548354
siRNA ID 04098	SEQ ID NO. 898	CAACCAGCCAGGUUUUGGU	SEQ ID NO. 951	ACCAAAACCUGGCU
siRNA ID 04028	SEQ ID NO. 904	UGUCUUUCCUGCACUGCAG	SEQ ID NO. 957	CUGCAGUGCAGGAAAGA
siRNA ID 04028v1	SEQ ID NO. 1070	1453515371836354728	SEQ ID NO. 1207	75472818364826282
siRNA ID 04076	SEQ ID NO. 906	UGUCUUUCCUGCACUGCAG	SEQ ID NO. 959	CUGCAGUGCAGGAAA
siRNA ID 04076v1	SEQ ID NO. 1071	1453515371836354728	SEQ ID NO. 1208	754728183648262
siRNA ID 04029	SEQ ID NO. 905	UGAACCACAUGGCUAUGAC	SEQ ID NO. 958	GUCAUAGCCAUGUGGUU
siRNA ID 04029v1	SEQ ID NO. 1072	1462736361847161827	SEQ ID NO. 1209	85361647361818451
siRNA ID 04077	SEQ ID NO. 907	UGAACCACAUGGCUAUGAC	SEQ ID NO. 960	GUCAUAGCCAUGUGG
siRNA ID 04077v1	SEQ ID NO. 1073	1462736361847161827	SEQ ID NO. 1210	853616473618184
siRNA ID 01039	SEQ ID NO. 737	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO. 844	ACCAAAACCUGGCUGGUUGGA
siRNA ID 01039v1	SEQ ID NO. 1074	326372837284515184537	SEQ ID NO. 1211	673626273548354815482
siRNA ID 01039v2	SEQ ID NO. 1075	3*2*637283728451518453*7	SEQ ID NO. 1212	6*73626273548354815482
siRNA ID 01039v3	SEQ ID NO. 1076	3*2637283728451518453*7	SEQ ID NO. 1213	6*73626273548354815482
siRNA ID 01039v4	SEQ ID NO. 1077	32637283728451518453*7	SEQ ID NO. 1214	6*73626273548354815482
siRNA ID 01039v5	SEQ ID NO. 1078	7AAC7AGC7AGGUUUUGGUC*C	SEQ ID NO. 1215	6*77AAAA775GG75GG55GGA
siRNA ID 01039v6	SEQ ID NO. 1079	VP-C*A*ACCA8CCAGGUUUUGGU*C*C	SEQ ID NO. 1216	6*77AAAA775GG75GG55GGA

Figure 5 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 01039v7	SEQ ID NO. 1080	VP-C*ACCA8CCAGGUUUUGGUC*C	SEQ ID NO. 1217	6*77AAAA775GG75GG55GGA
siRNA ID 01039v8	SEQ ID NO. 1081	VP-C*A*ACCA8CCAGGUUUUGGU*C*C	SEQ ID NO. 1218	nA*77AAAA775GG75GG55GGA
siRNA ID 01039v9	SEQ ID NO. 1082	VP-C*ACCA8CCAGGUUUUGGUC*C	SEQ ID NO. 1219	nA*77AAAA775GG75GG55GGA
siRNA ID 01039v10	SEQ ID NO. 1083	VP-C*A*ACCA8CCAGGUUUUGGU*C*C	SEQ ID NO. 1220	§A*77AAAA775GG75GG55GGA
siRNA ID 01039v11	SEQ ID NO. 1084	VP-C*ACCA8CCAGGUUUUGGUC*C	SEQ ID NO. 1221	§A*77AAAA775GG75GG55GGA
siRNA ID 01039v12	SEQ ID NO. 1085	36AC3AGC3AGGUUU5GGUC*C	SEQ ID NO. 1222	6*37262A3CUGGCUGGUUGGA
siRNA ID 01039v13	SEQ ID NO. 1086	C6A7C6G7C6G8U5U5G8U7*C	SEQ ID NO. 1223	6*C7A6A6C7U8G7U8G5U8G6
siRNA ID 01039v14	SEQ ID NO. 1087	3AA33AGC3AGGUUU1GG1C*C	SEQ ID NO. 1224	A*C3AAAACCCUGGC1GG11GGA
siRNA ID 01039v15	SEQ ID NO. 1088	C66CC6GCCAGGUUUU88UC*C	SEQ ID NO. 1225	[q3]-A*C3AAAACCCUGGC1GG11GGA-[q3]
siRNA ID 01039v16	SEQ ID NO. 1089	C6ACC6GCCAGGUUUUGGUC*C	SEQ ID NO. 1226	A*77AAAA775GGCUGG55GGA
siRNA ID 01039v17	SEQ ID NO. 1090	32*A*33AGCCAGGUUU5GG*U*C*C	SEQ ID NO. 1227	AC7AAAACCCUGGC5GGU5GG*A
siRNA ID 01039v18	SEQ ID NO. 1091	3AACCAGCCAGGUUUUGGUC*C	SEQ ID NO. 1228	W*ZZWWW67758875885bYYW
siRNA ID 01039v19	SEQ ID NO. 1092	VP-CAACCAGKKAGGUUUUGGUC*C	SEQ ID NO. 1229	nA*77AAAA775GG75GG55GGA
siRNA ID 01039v20	SEQ ID NO. 1093	VP-CAAKKAGCCAGGUUUUGGUC*C	SEQ ID NO. 1230	nA*77AAAA775GG75GG55GGA
siRNA ID 01039v21	SEQ ID NO. 1094	VP-CAACCAGCCAGG9U99GG9K*K	SEQ ID NO. 1231	nA*77AAAA775GG75GG55GGA
siRNA ID 05003	SEQ ID NO. 899	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO. 952	CAAAACCCUGGCUGGUUGGA
siRNA ID 05004	SEQ ID NO. 900	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO. 953	AAACCCUGGCUGGUUGGA
siRNA ID 05005	SEQ ID NO. 901	CAACCAGCCAGGUUUUGGUCC	SEQ ID NO. 954	AACCCUGGCUGGUUGGA
siRNA ID 04029	SEQ ID NO. 905	UGAACCACAUGGCUAUGAC	SEQ ID NO. 958	GUCAUAGCCAUGUGGUU
siRNA ID 04029v1	SEQ ID NO. 1095	1462736361847161827	SEQ ID NO. 1232	85361647361818451
siRNA ID 04076	SEQ ID NO. 906	UGUCUUUCCUGCACUGCAG	SEQ ID NO. 959	CUGCAGUGCAGGAAA
siRNA ID 04076v1	SEQ ID NO. 1096	1453515371836354728	SEQ ID NO. 1233	754728183648262
siRNA ID 04077	SEQ ID NO. 907	UGAACCACAUGGCUAUGAC	SEQ ID NO. 960	GUCAUAGCCAUGUGG
siRNA ID 04077v1	SEQ ID NO. 1097	1462736361847161827	SEQ ID NO. 1234	853616473618184
siRNA ID 00006	SEQ ID NO. 113	AACUUGGAGGGGUUGGUGU	SEQ ID NO. 177	ACACCAACCCUCCAAGUU
siRNA ID 00006v1	SEQ ID NO. 1235	2271548284845184545	SEQ ID NO. 1237	6727362737353726451
siRNA ID 00006v2	SEQ ID NO. 1236	AA755GGAGGGG55GG5G5	SEQ ID NO. 1238	67A77AA7777577AAG55
siRNA ID 01009v22	SEQ ID NO. 1239	VP-UGUCAKAGUGAKAAGCUUG	SEQ ID NO. 1241	nC*AAG755G57A7585GA7A
siRNA ID 01009v23	SEQ ID NO. 1240	VP-UUGUCAKAGUGAKAAGCUUG	SEQ ID NO. 1242	nC*AAG755G57A7585GA7A
siRNA ID 11129v21	SEQ ID NO. 1243	VP-U*37AGA8AGAUUUUGG7A*C	SEQ ID NO. 1244	§G*5G77AAAA5757575GGA

Figure 5 (cont.)

siRNA id	SEQ ID #	Antisense Sequence (5'→3')	SEQ ID #	Sense Sequence (5'→3')
siRNA ID 01021	SEQ ID NO. 385	CAACCAGCCAGGUUUUGGUUU	SEQ ID NO. 609	ACCAAAACCUGGCUGCAAC
siRNA ID 01021v1	SEQ ID NO. 1245	326372837284515184515	SEQ ID NO. 1266	6736262735483547263
siRNA ID 01021v2	SEQ ID NO. 1246	3*2*63728372845151845*1*5	SEQ ID NO. 1267	6*736262735483547263
siRNA ID 01021v3	SEQ ID NO. 1247	3*2637283728451518451*5	SEQ ID NO. 1268	6*736262735483547263
siRNA ID 01021v4	SEQ ID NO. 1248	32637283728451518451*5	SEQ ID NO. 1269	6*736262735483547263
siRNA ID 01021v5	SEQ ID NO. 1249	7AAC7AGC7AGGUUUUGGUU*U	SEQ ID NO. 1270	6*77AAAA775GG75G7AA7
siRNA ID 01021v6	SEQ ID NO. 1250	VP-C*A*AC7A8C7AGGUUUUGGU*U*U	SEQ ID NO. 1271	6*77AAAA775GG75G7AA7
siRNA ID 01021v7	SEQ ID NO. 1251	VP-C*A*AC7A8C7AGGUUUUGGUU*U	SEQ ID NO. 1272	6*77AAAA775GG75G7AA7
siRNA ID 01021v8	SEQ ID NO. 1252	VP-C*A*AC7A8C7AGGUUUUGGU*U*U	SEQ ID NO. 1273	nA*77AAAA775GG75G7AA7
siRNA ID 01021v9	SEQ ID NO. 1253	VP-C*A*AC7A8C7AGGUUUUGGUU*U	SEQ ID NO. 1274	nA*77AAAA775GG75G7AA7
siRNA ID 01021v10	SEQ ID NO. 1254	VP-C*A*AC7A8C7AGGUUUUGGU*U*U	SEQ ID NO. 1275	§A*77AAAA775GG75G7AA7
siRNA ID 01021v11	SEQ ID NO. 1255	VP-C*A*AC7A8C7AGGUUUUGGUU*U	SEQ ID NO. 1276	§A*77AAAA775GG75G7AA7
siRNA ID 01021v12	SEQ ID NO. 1256	36AC36GC7AGGUUU5GG5U*5	SEQ ID NO. 1277	6*37262A3CUGGCUGCAAC
siRNA ID 01021v13	SEQ ID NO. 1257	C6A7C6G7C6G8U5U5G8U5*U	SEQ ID NO. 1278	6*C7A2A2C7U8G7U8C6A7
siRNA ID 01021v14	SEQ ID NO. 1258	3AAC3AGCCAGGUU11GG1U*1	SEQ ID NO. 1279	A*C3A2AACCUGGC1G3AAC
siRNA ID 01021v15	SEQ ID NO. 1259	CAACC643CAG8UUUUGGUU*U	SEQ ID NO. 1280	[q3]-A*C3AAAACCUGGC1G32AC-[q3]
siRNA ID 01021v16	SEQ ID NO. 1260	C6AC7AGCCAGGUUUUGGUU*U	SEQ ID NO. 1281	A*77AAAA7CUGG7UG7AA7
siRNA ID 01021v17	SEQ ID NO. 1261	32*A*3*AGC7AGGUUU5GGU*U*U	SEQ ID NO. 1282	AC7AAAACCUGG7UG7AA*C
siRNA ID 01021v18	SEQ ID NO. 1262	3AACCAGCCAGGUUUUGGUU*U	SEQ ID NO. 1283	W*ZZWWW67758875YZWWZ
siRNA ID 01021v19	SEQ ID NO. 1263	VP-CAACCAGKKAGGUUUUGGUU*U	SEQ ID NO. 1284	nA*77AAAA775GG75G7AA7
siRNA ID 01021v20	SEQ ID NO. 1264	VP-KAAKKAGKKAGGUUUUGGUU*U	SEQ ID NO. 1285	nA*77AAAA775GG75G7AA7
siRNA ID 01021v21	SEQ ID NO. 1265	VP-CAACCAGCCAGG9U99GG99*9	SEQ ID NO. 1286	nA*77AAAA775GG75G7AA7
siRNA ID 06012v1	SEQ ID NO. 1427	GU7A7AGUGA7AAGCUU*G	SEQ ID NO. 1432	7*AAG755G57A7585GA7
siRNA ID 06012v2	SEQ ID NO. 1428	GUC6C24UGAC6A8CUU*8	SEQ ID NO. 1433	[q3]-C*AAGCUUGUCACUGUGAC
siRNA ID 06012v3	SEQ ID NO. 1429	GUC6C24UGAC6A8CUU*8	SEQ ID NO. 1434	[q3]-C*AAGCUUGUCACUGUGAC-[q3]
siRNA ID 06013v1	SEQ ID NO. 1430	CGU7A7AGUGA7AAGCUU*G	SEQ ID NO. 1435	7*AAG755G57A7585GA7G
siRNA ID 06013v2	SEQ ID NO. 1431	CGUC6C24UGAC6A8CUU*8	SEQ ID NO. 1436	[q3]-C*AAGCUUGUCACUGUGACG-[q3]

Figure 5 (cont.)

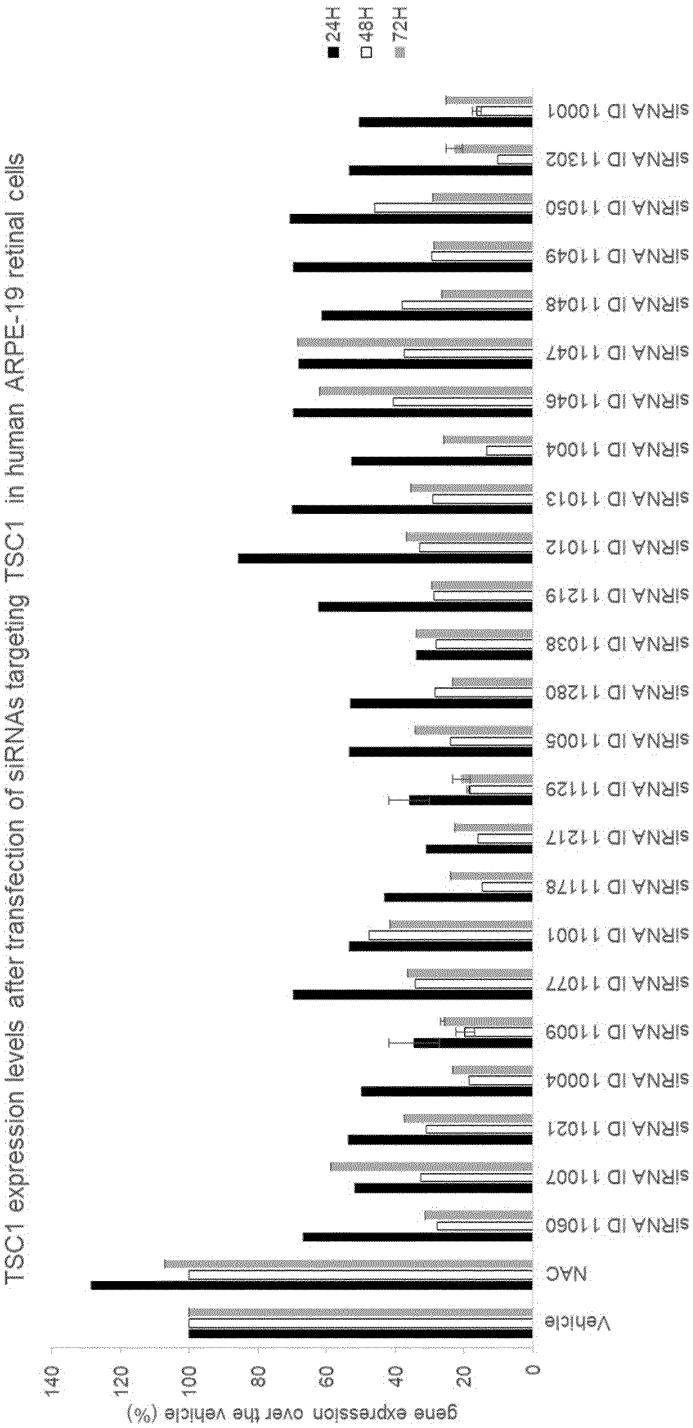


FIG. 6

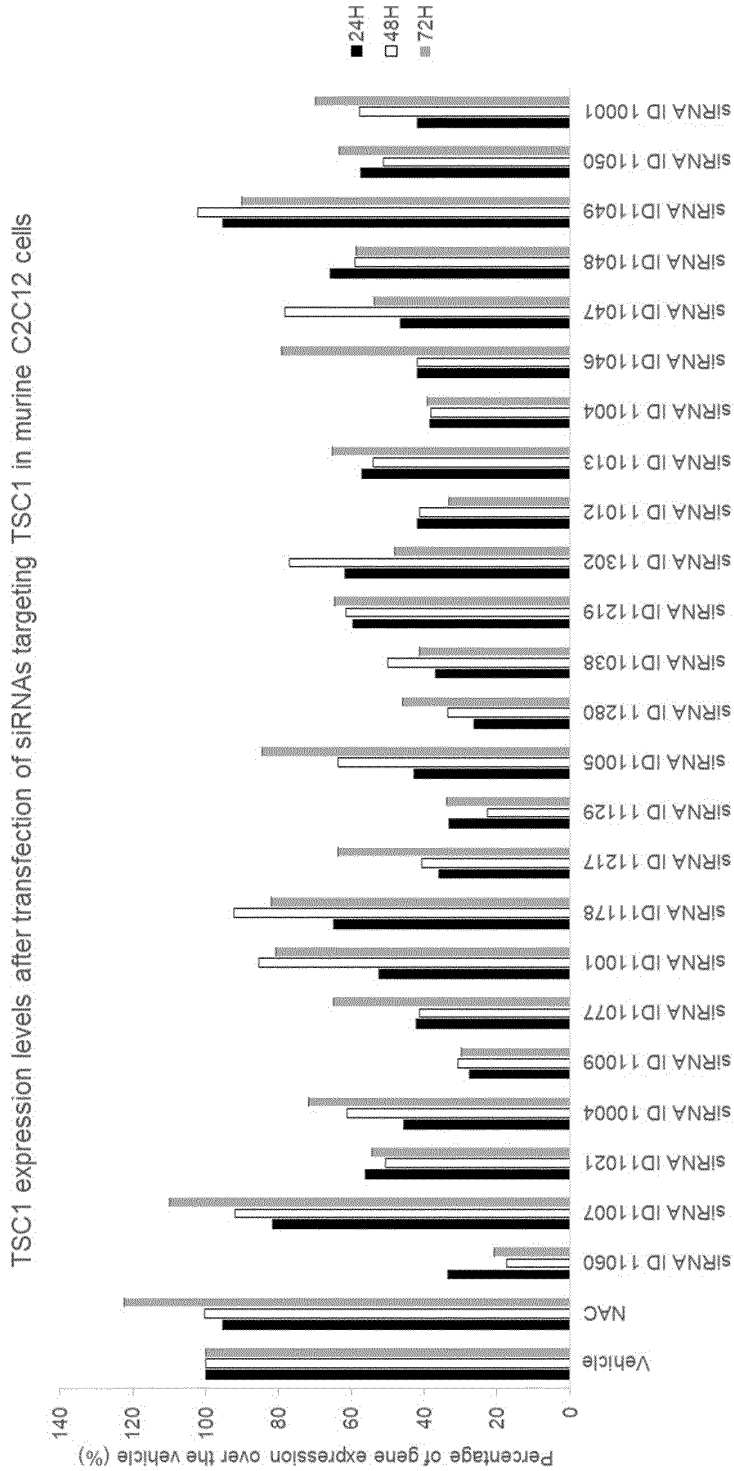


FIG. 7

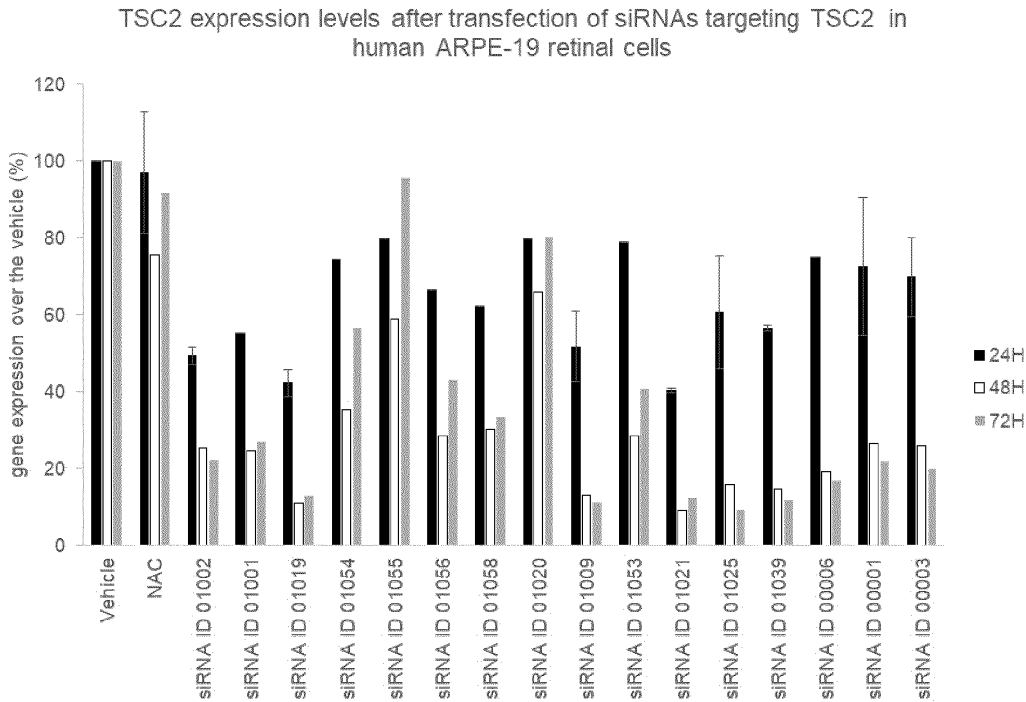


FIG. 8

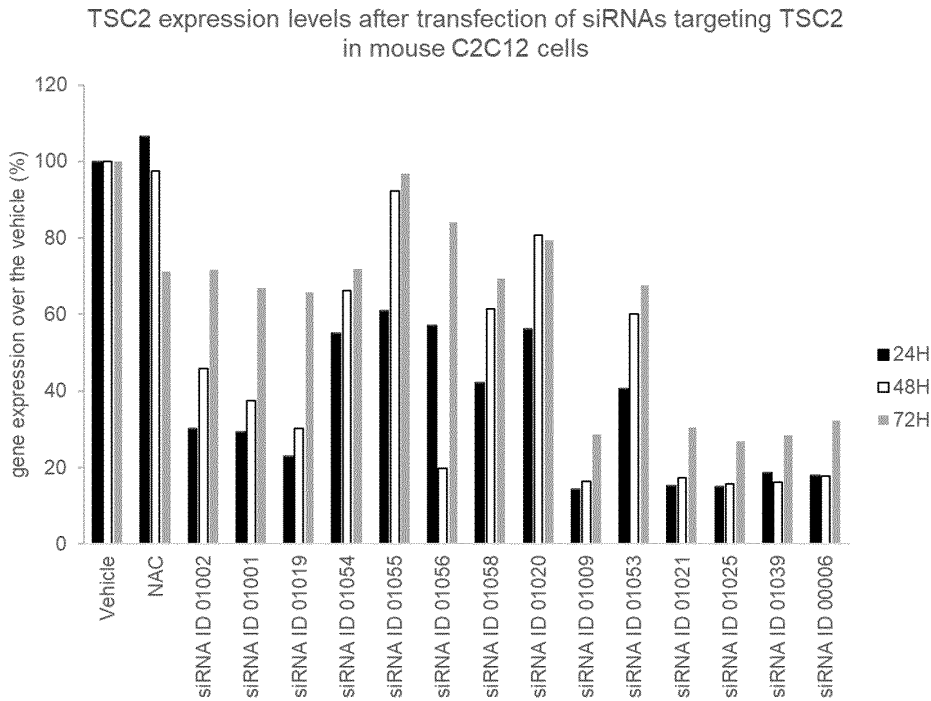


FIG. 9

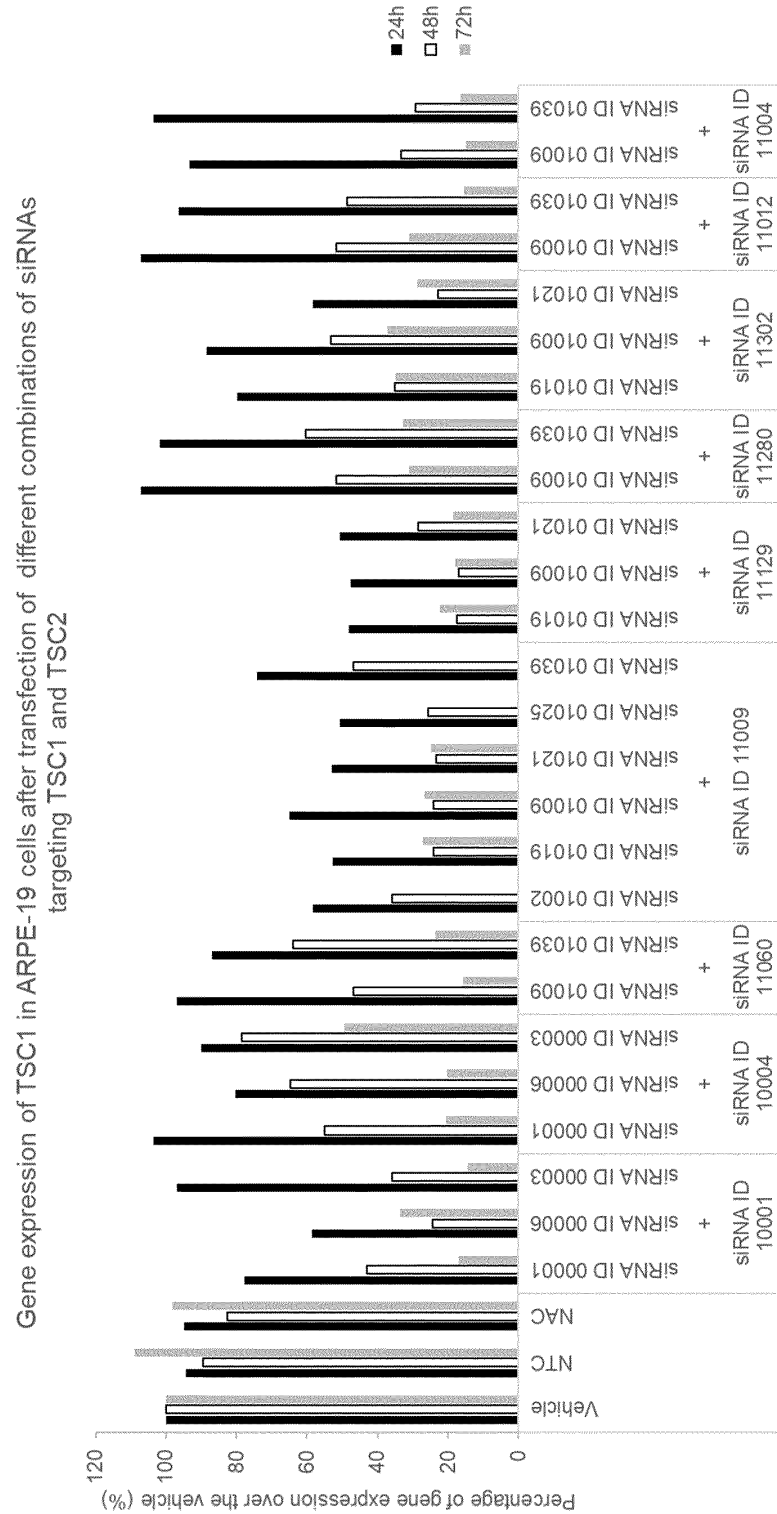


FIG. 10

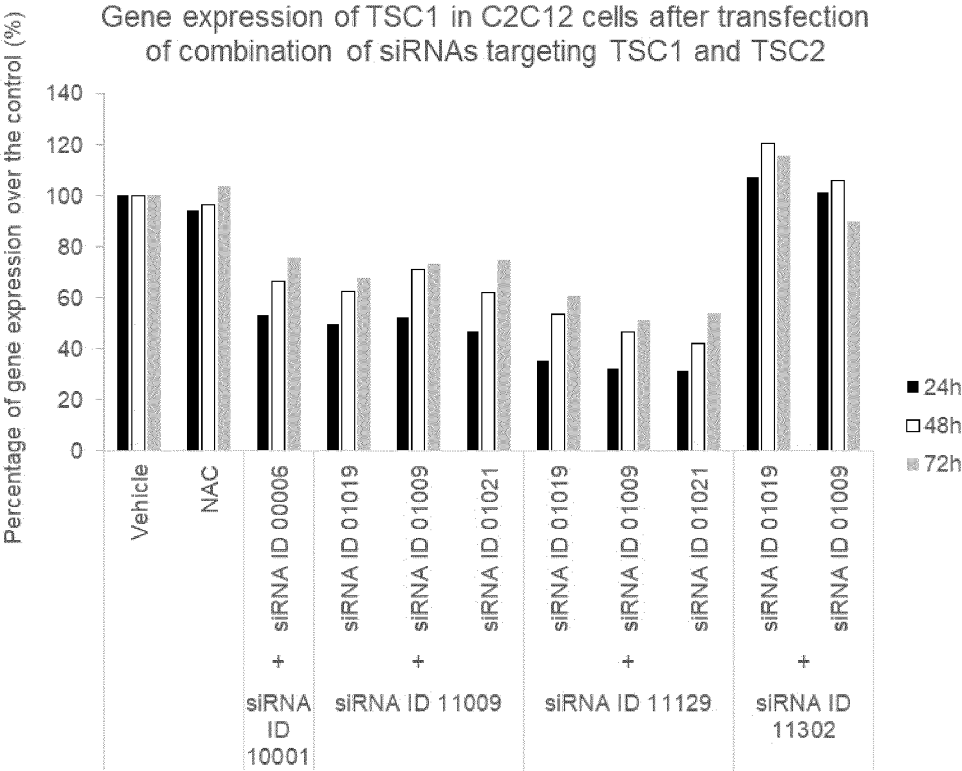


FIG. 11

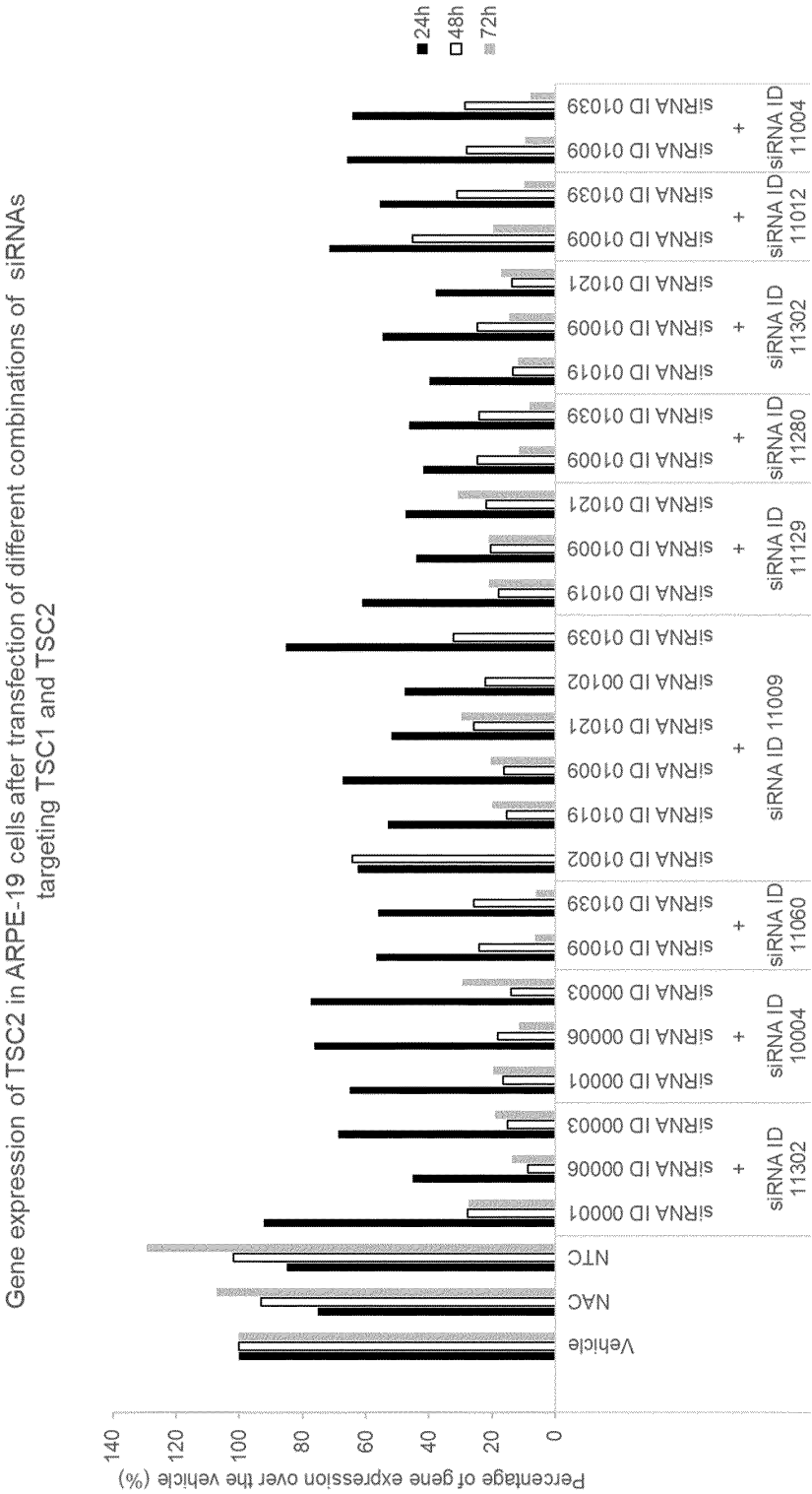


FIG. 12

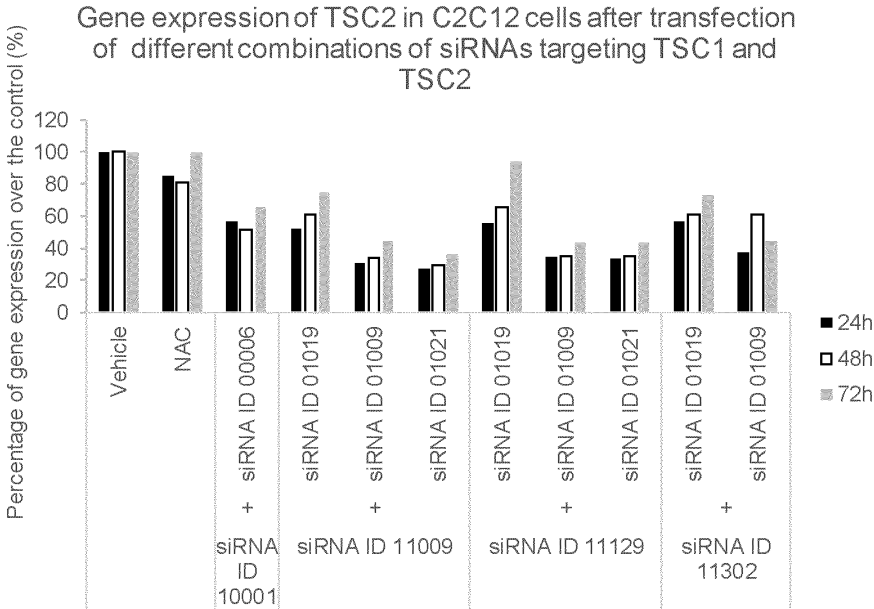


FIG. 13

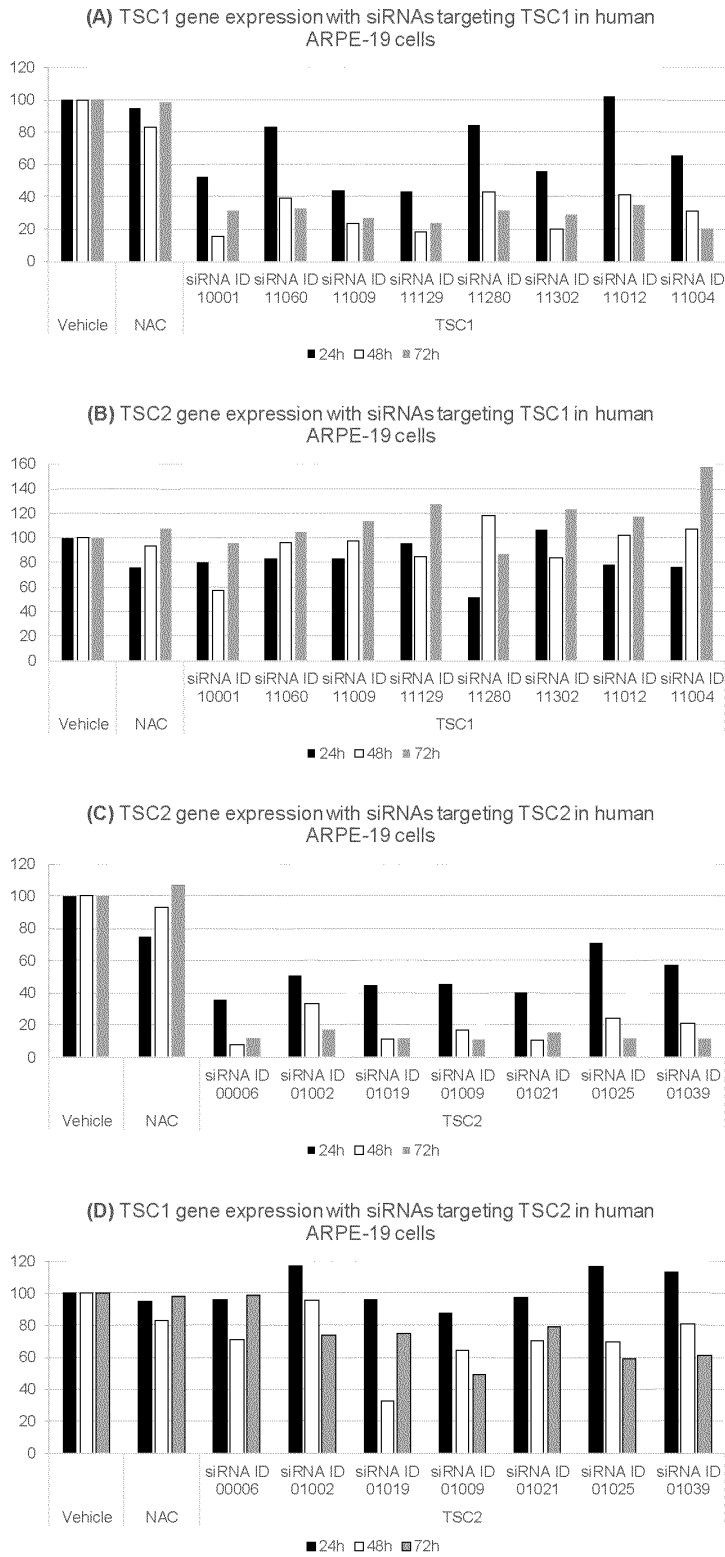


FIG. 14

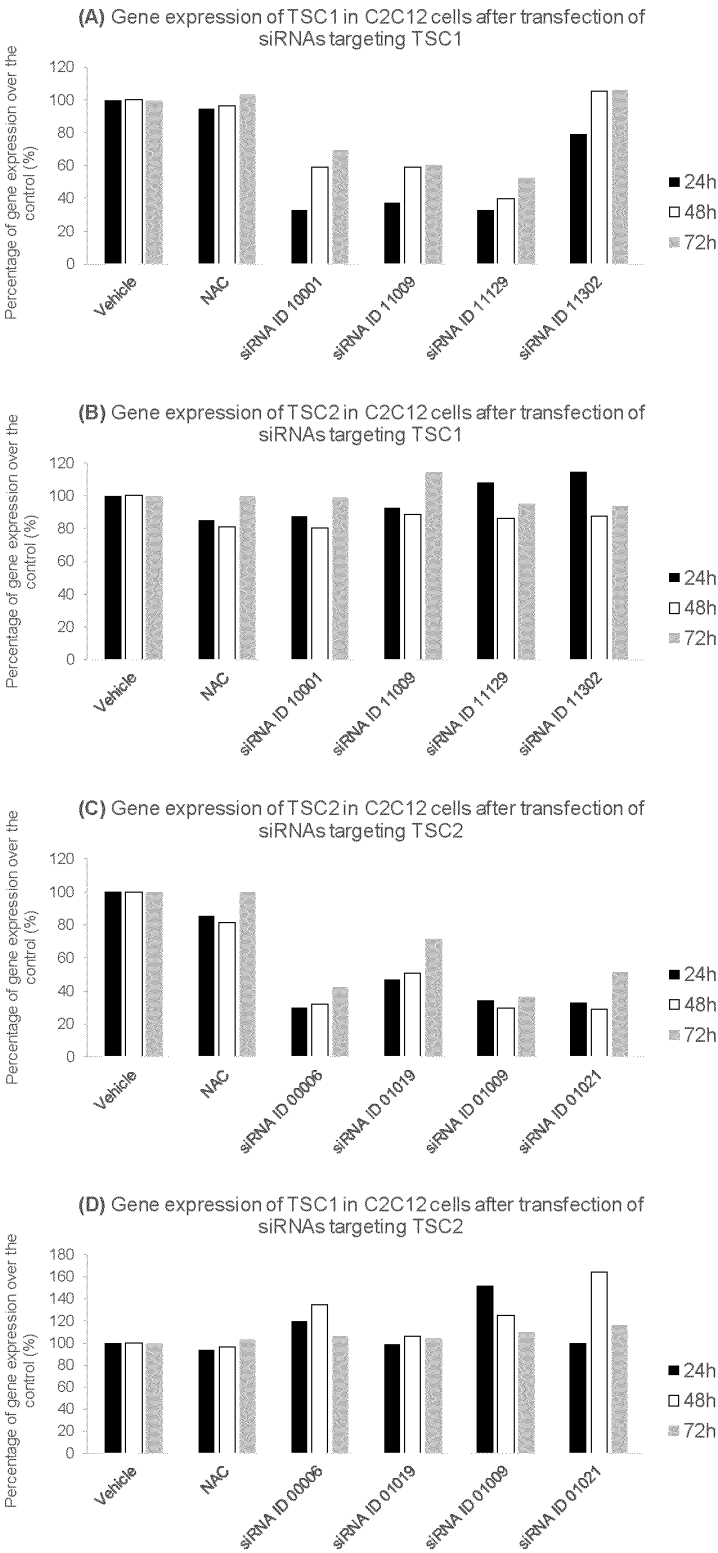


FIG. 15

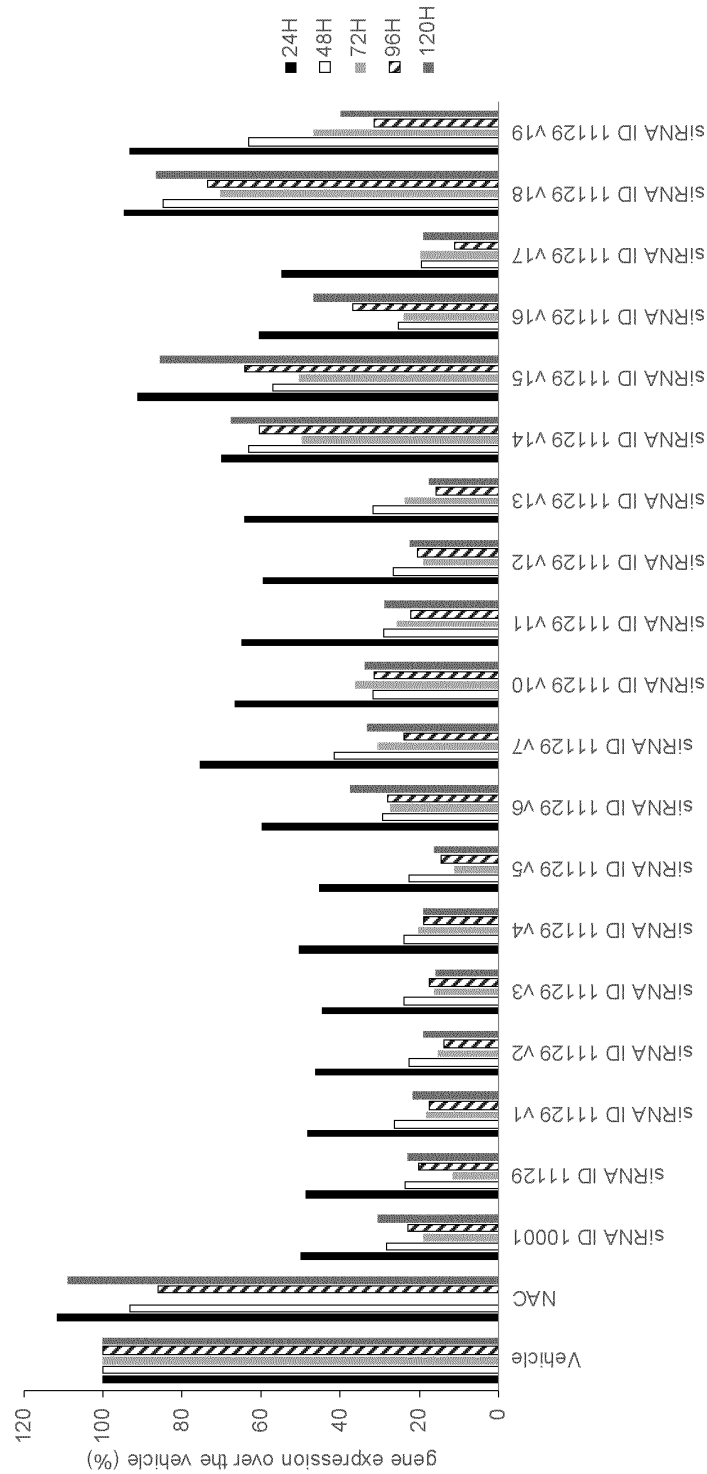


FIG. 16

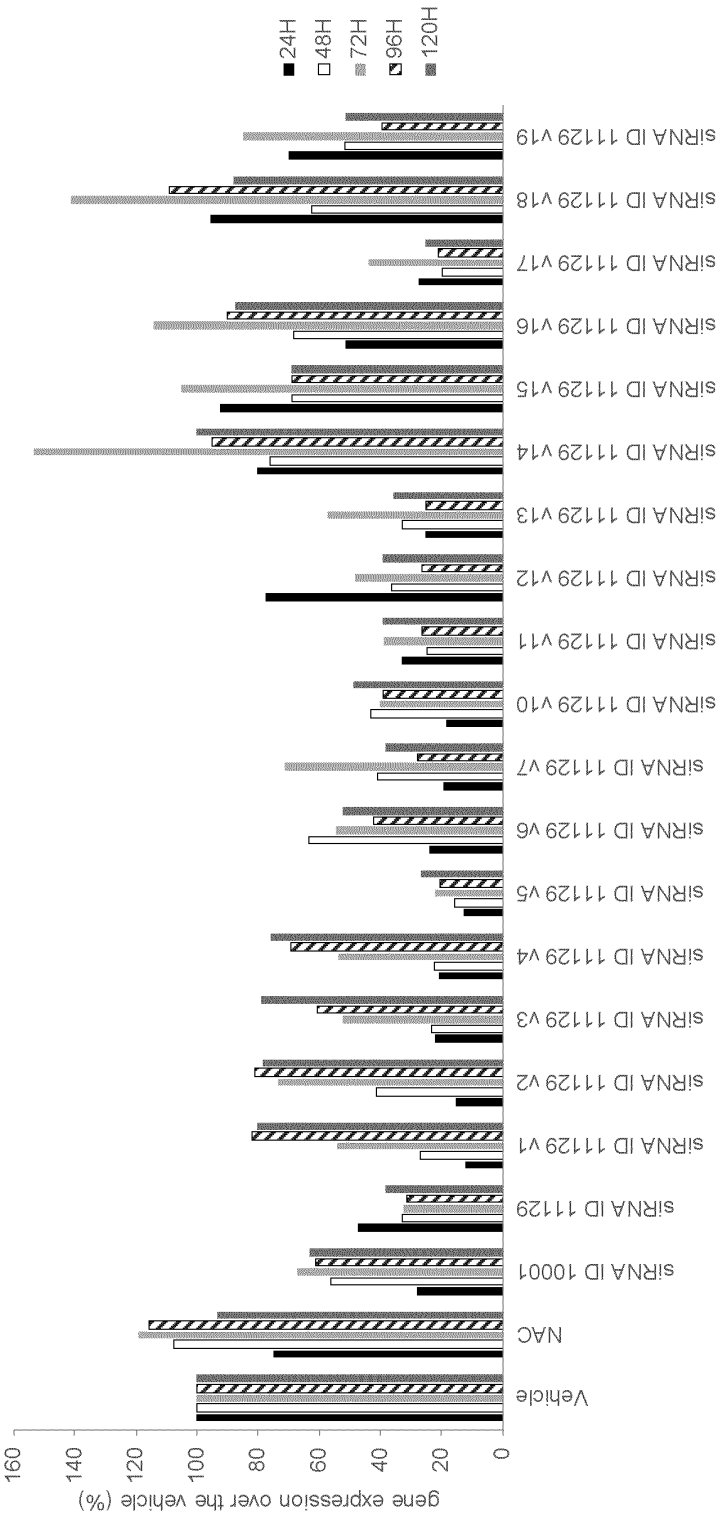


FIG. 17

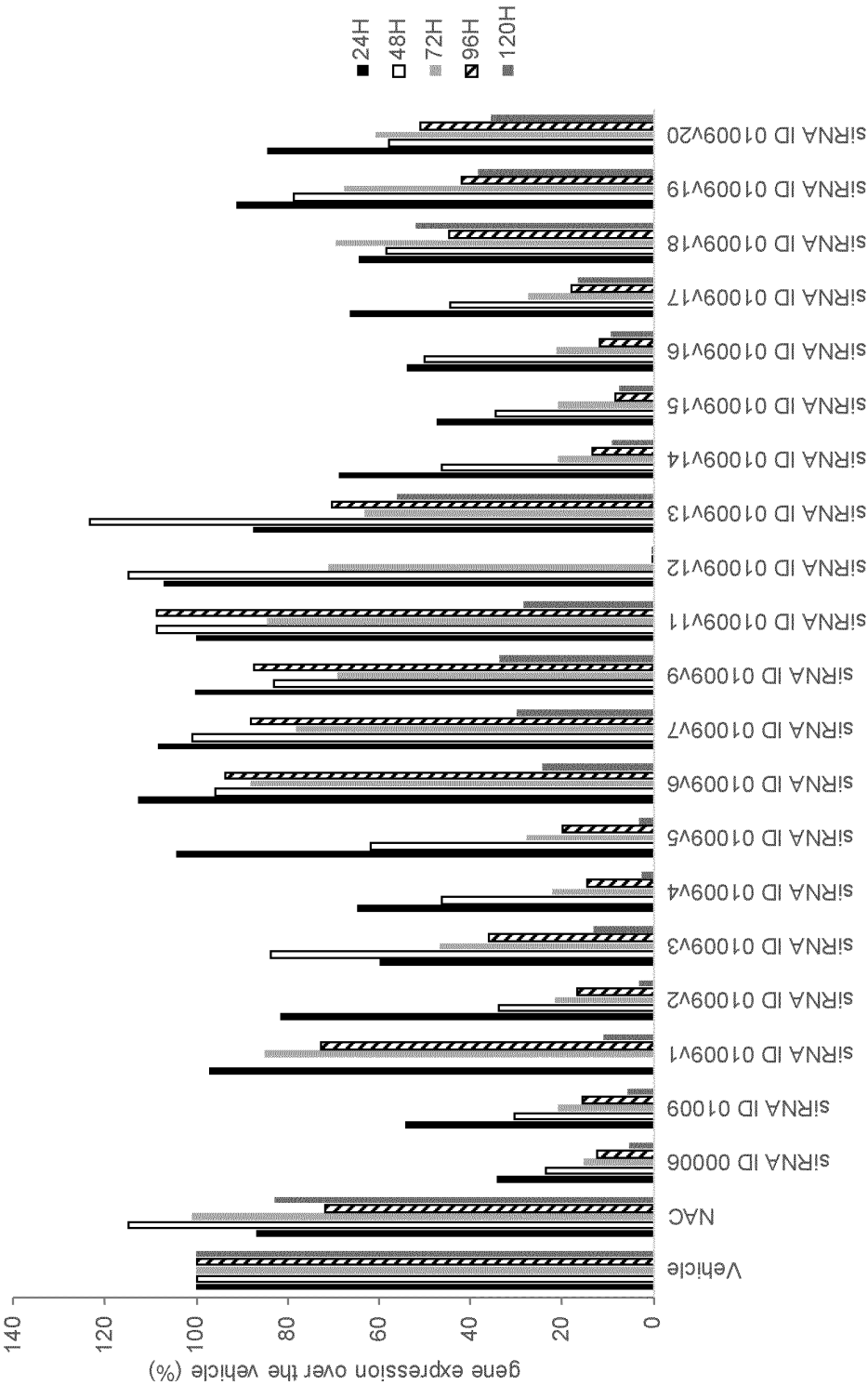


FIG. 18

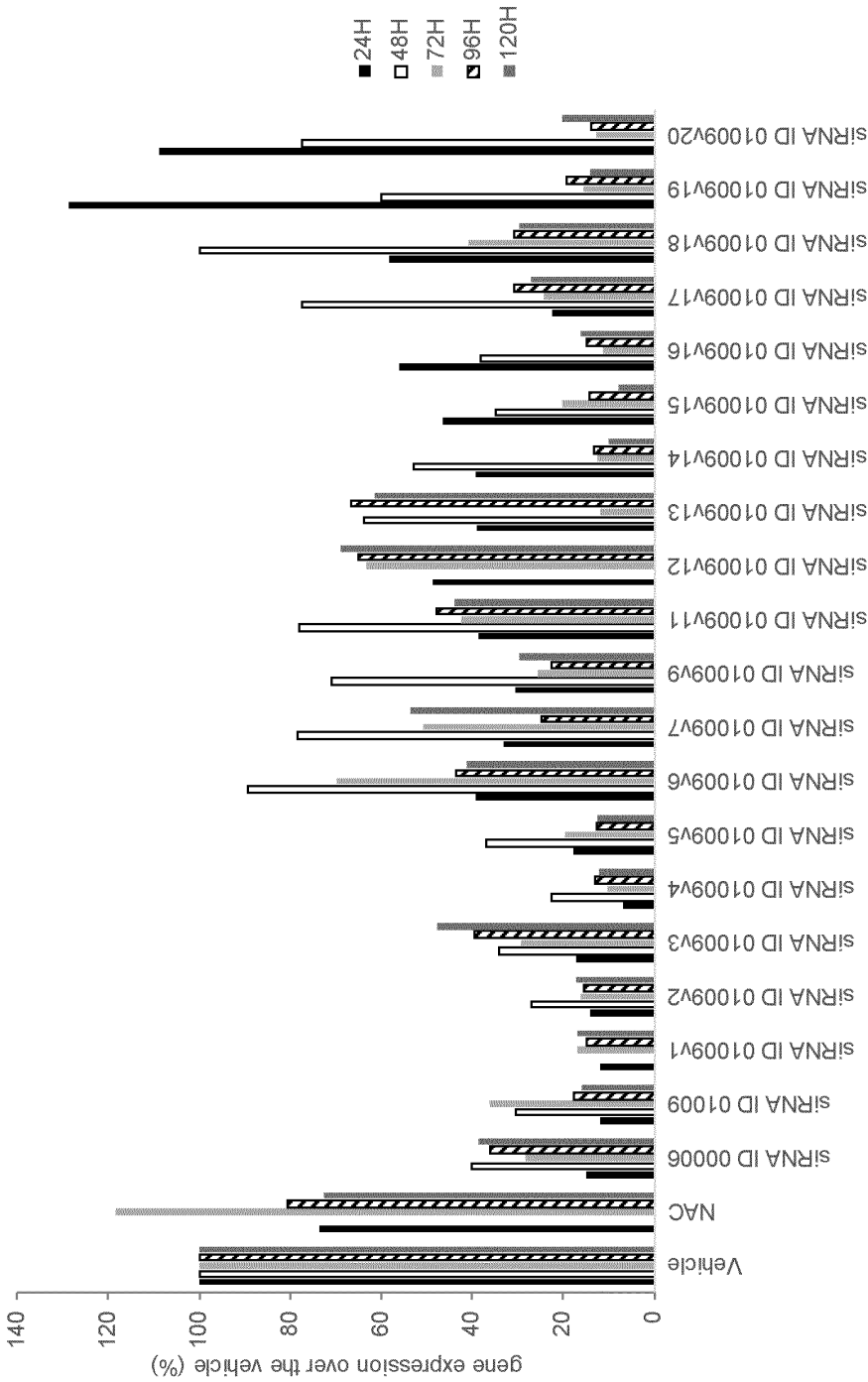


FIG. 19

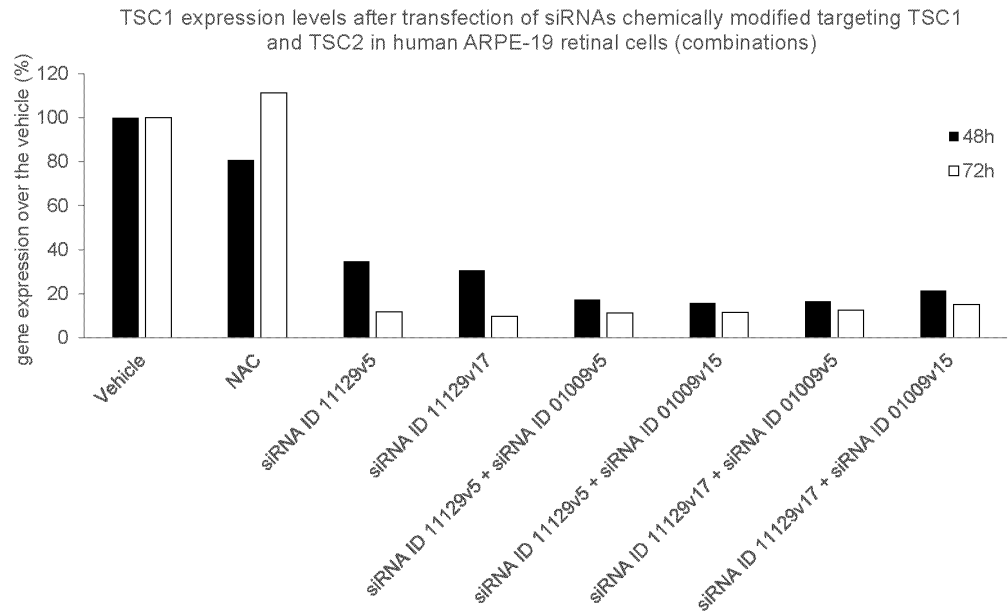


FIG. 20

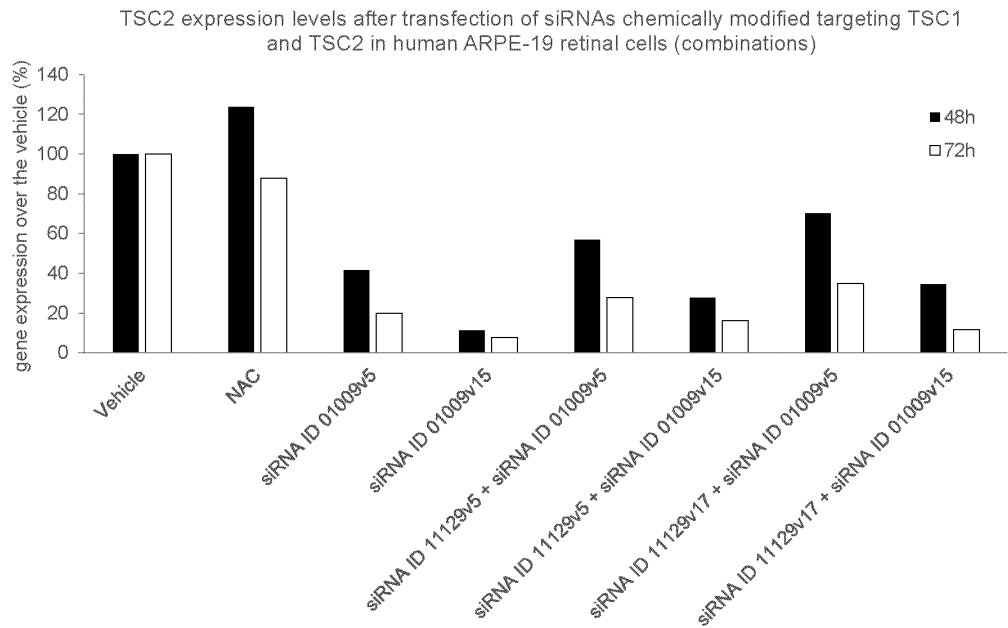


FIG. 21

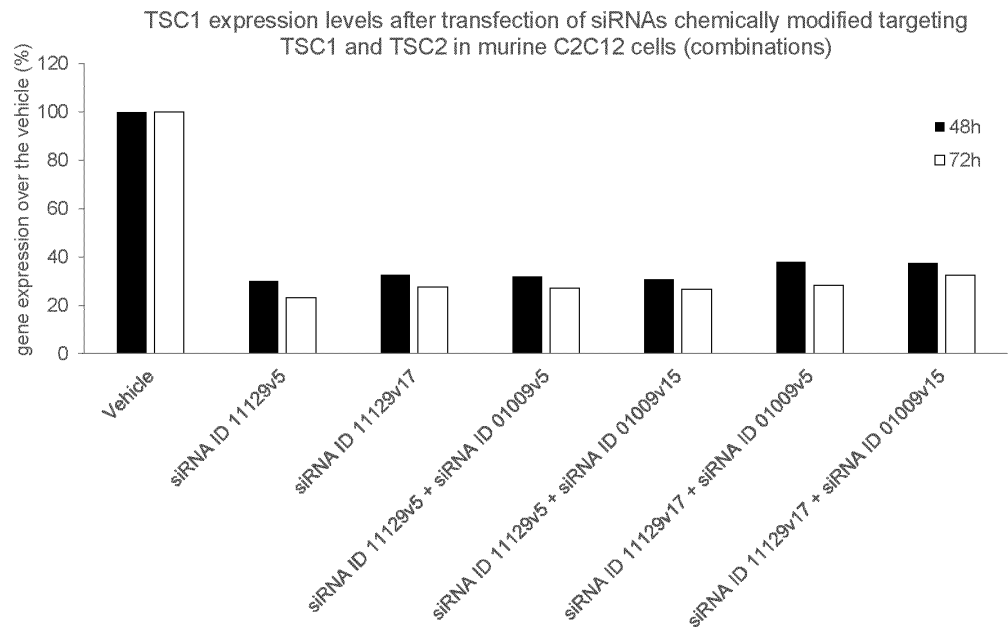


FIG. 22

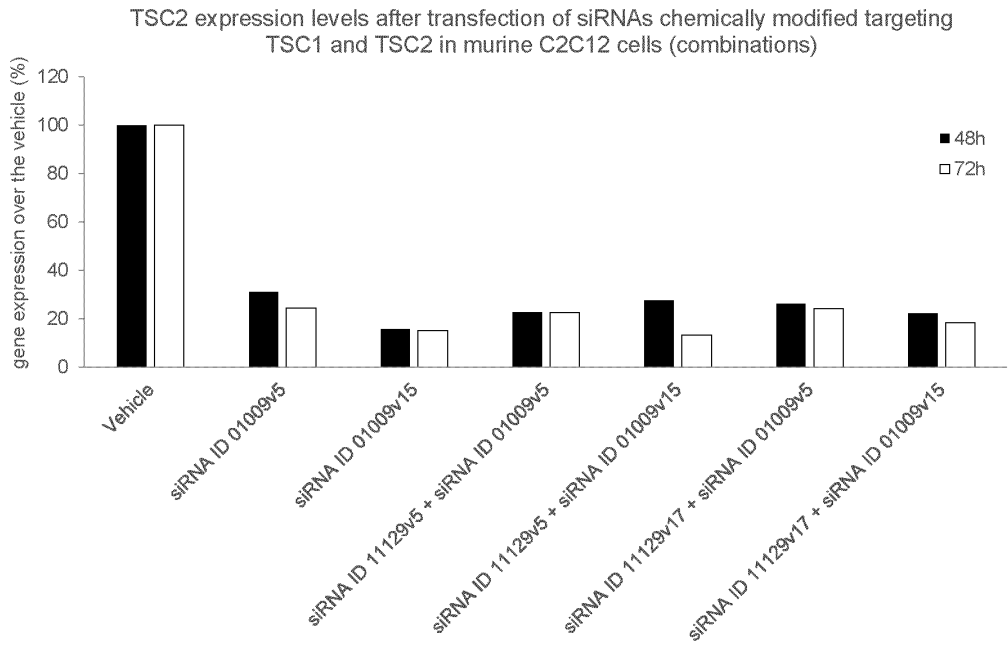
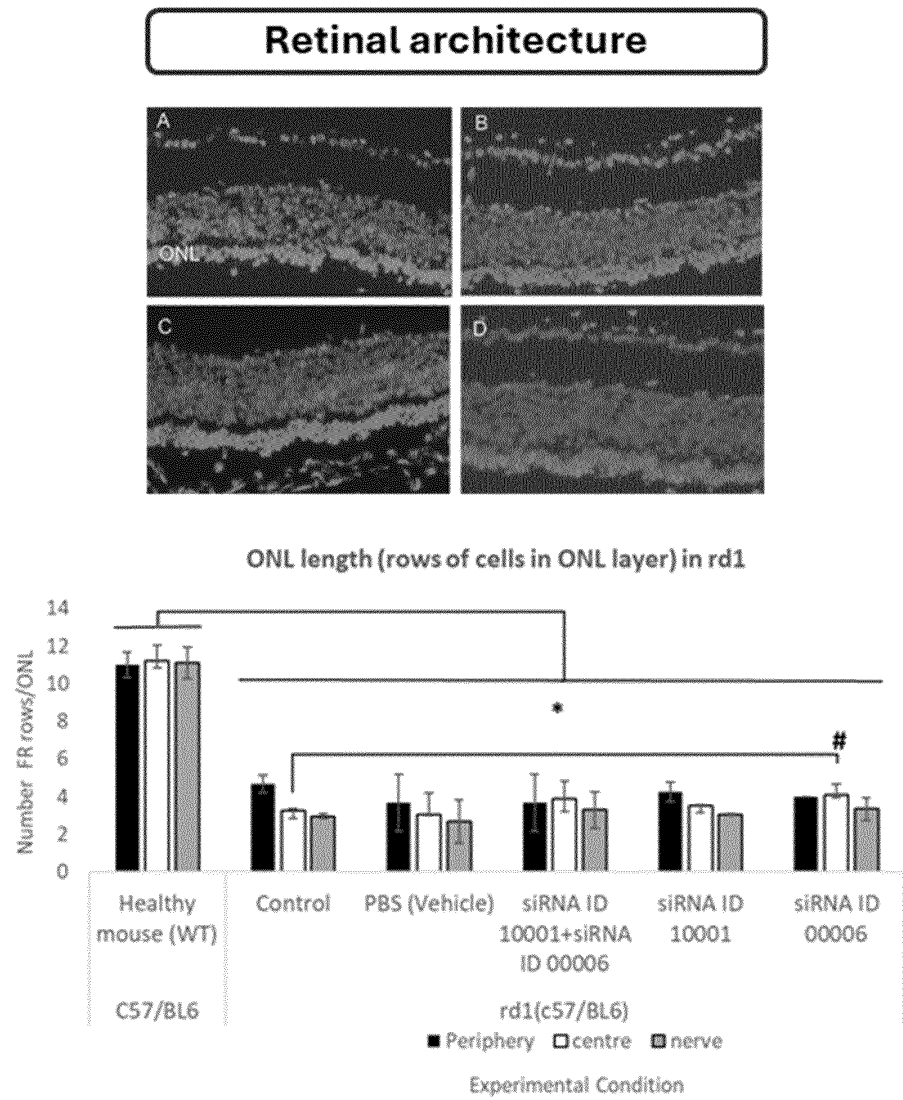


FIG. 23



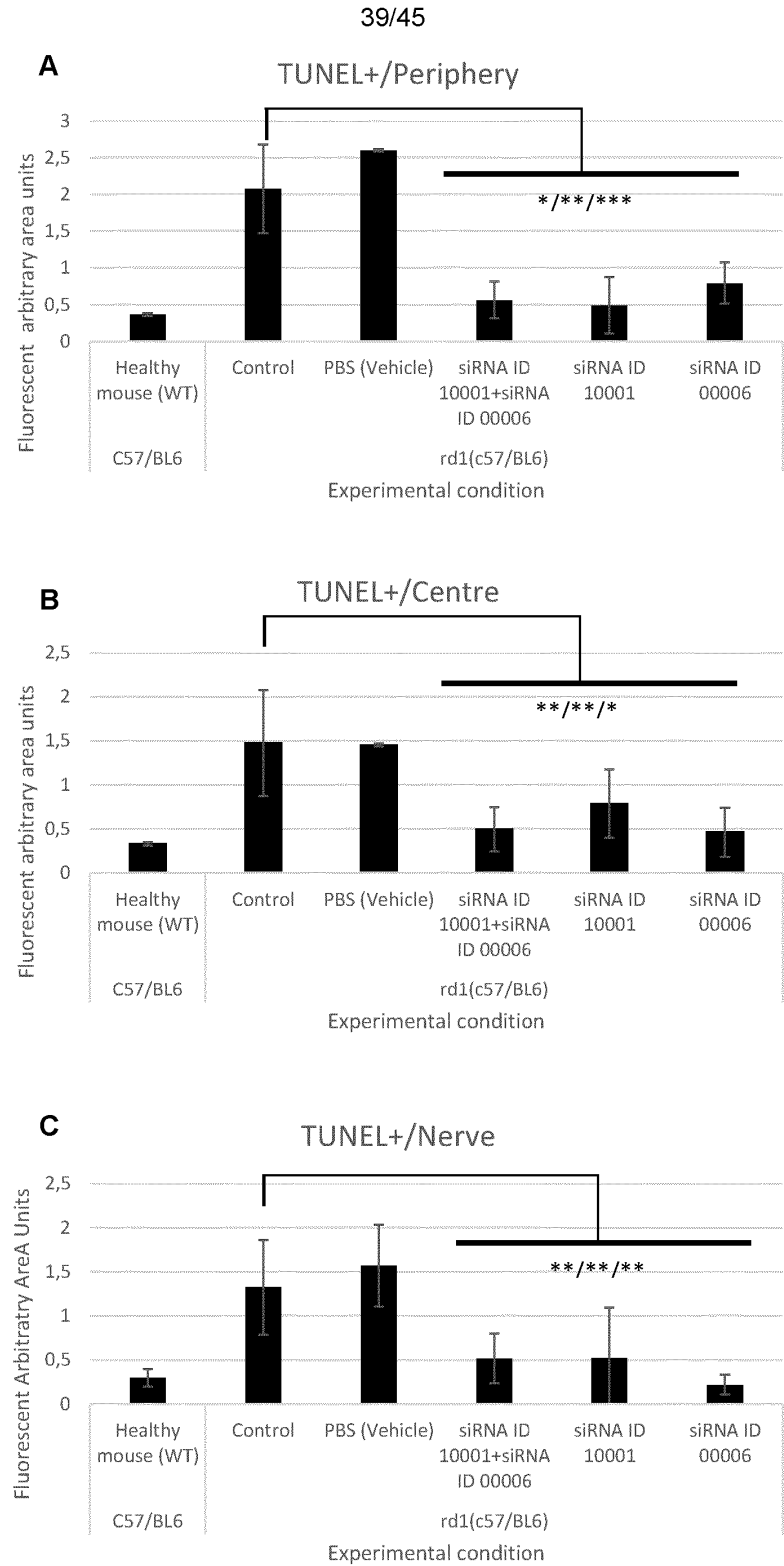
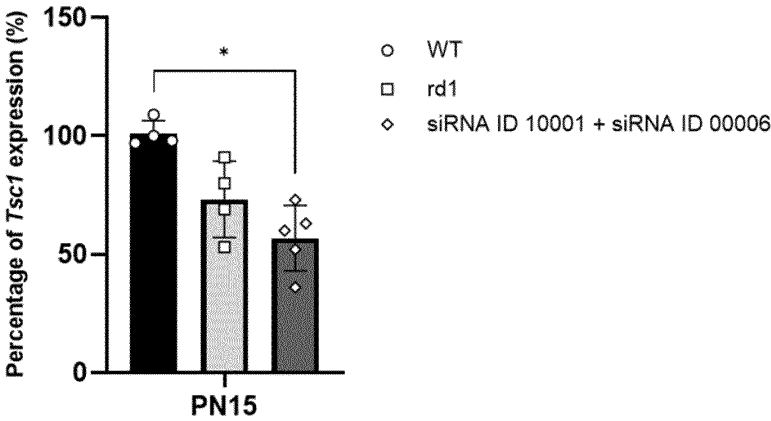


FIG. 26

A Gene expression of *Tsc1* in individual samples of healthy mouse (WT) and rd1 at PN15



B Gene expression of *Tsc2* in individual samples of C57 and rd1 at PN15

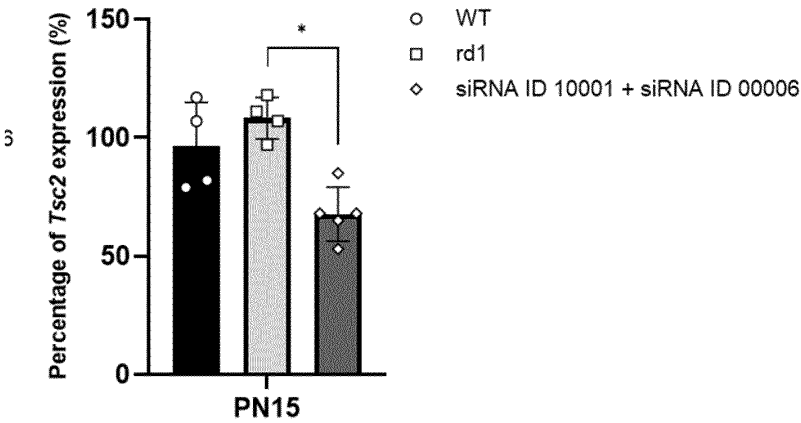


FIG. 27

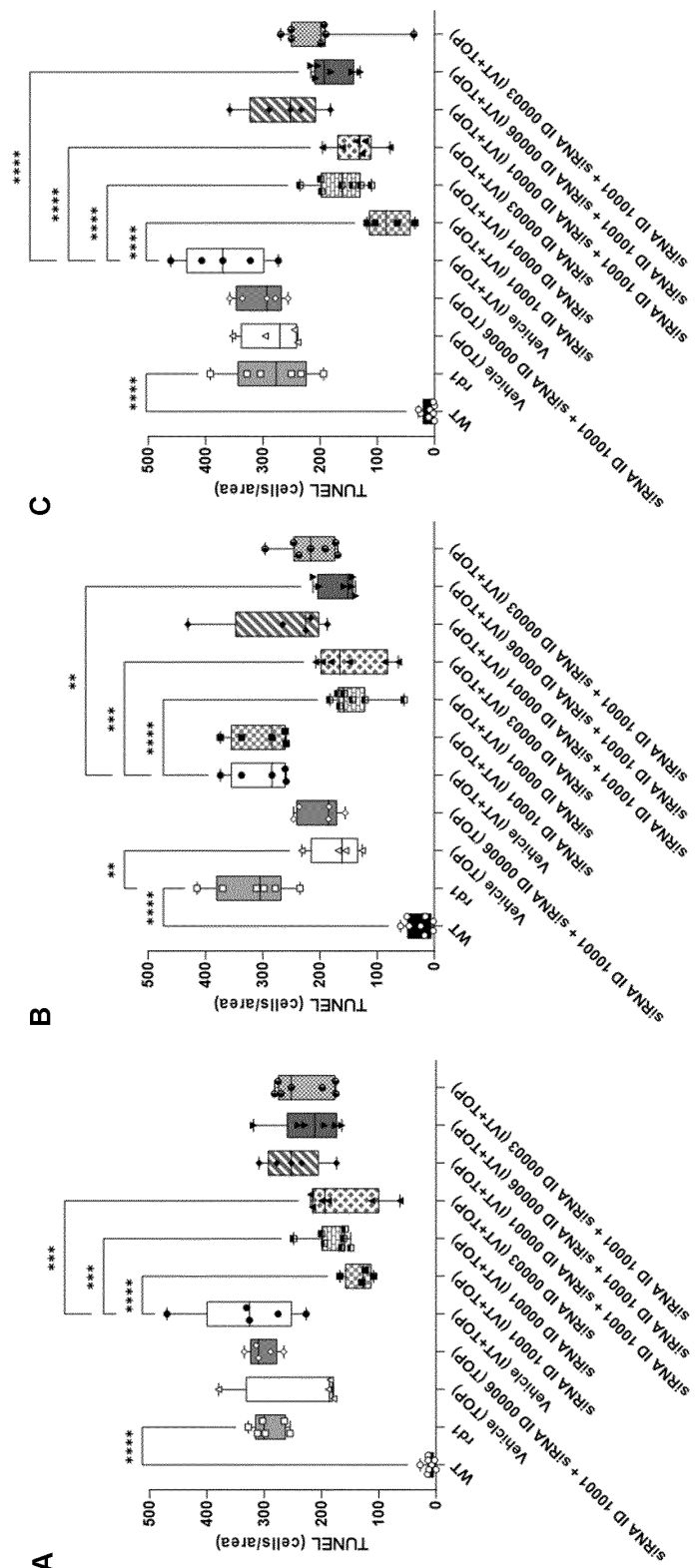


FIG. 28

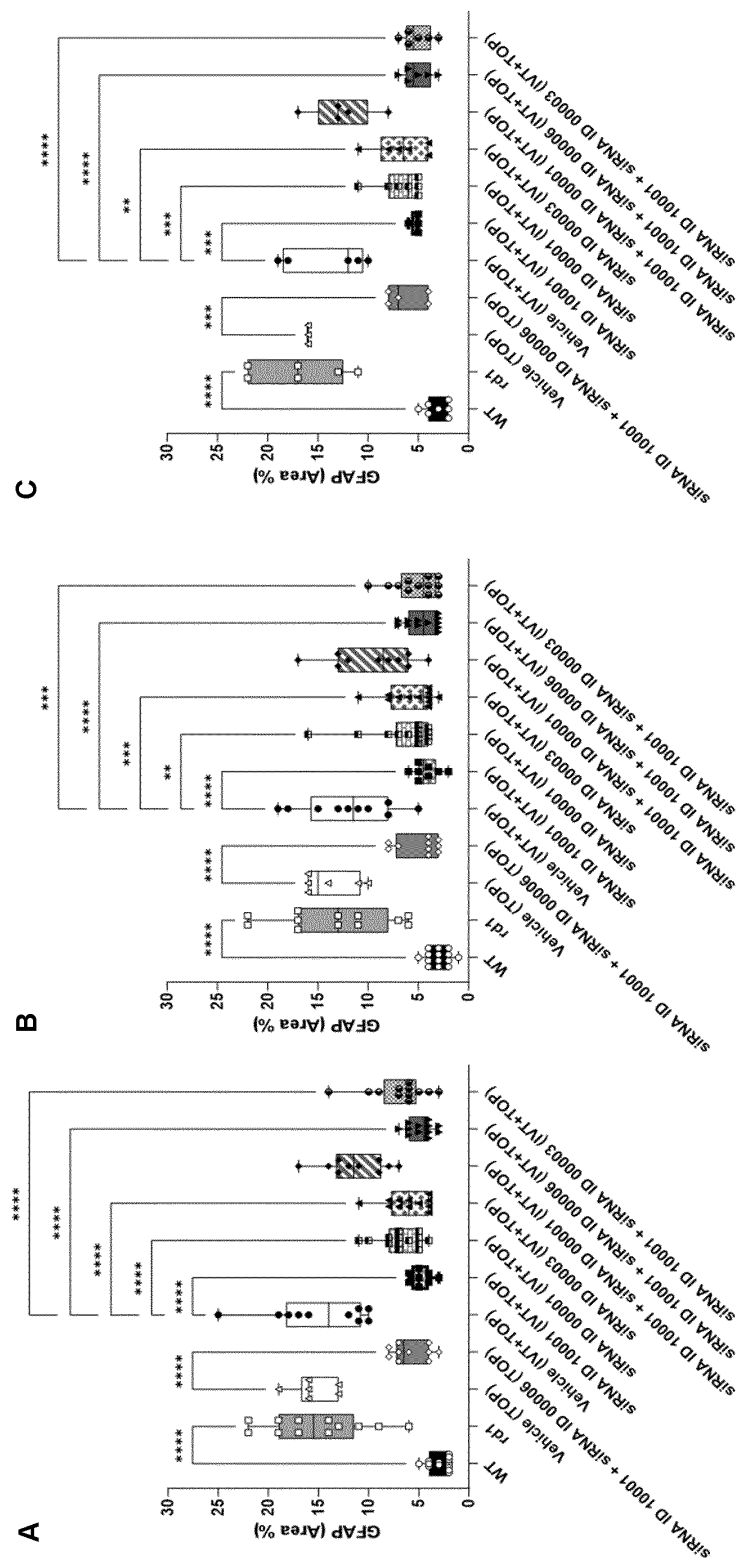


FIG. 29

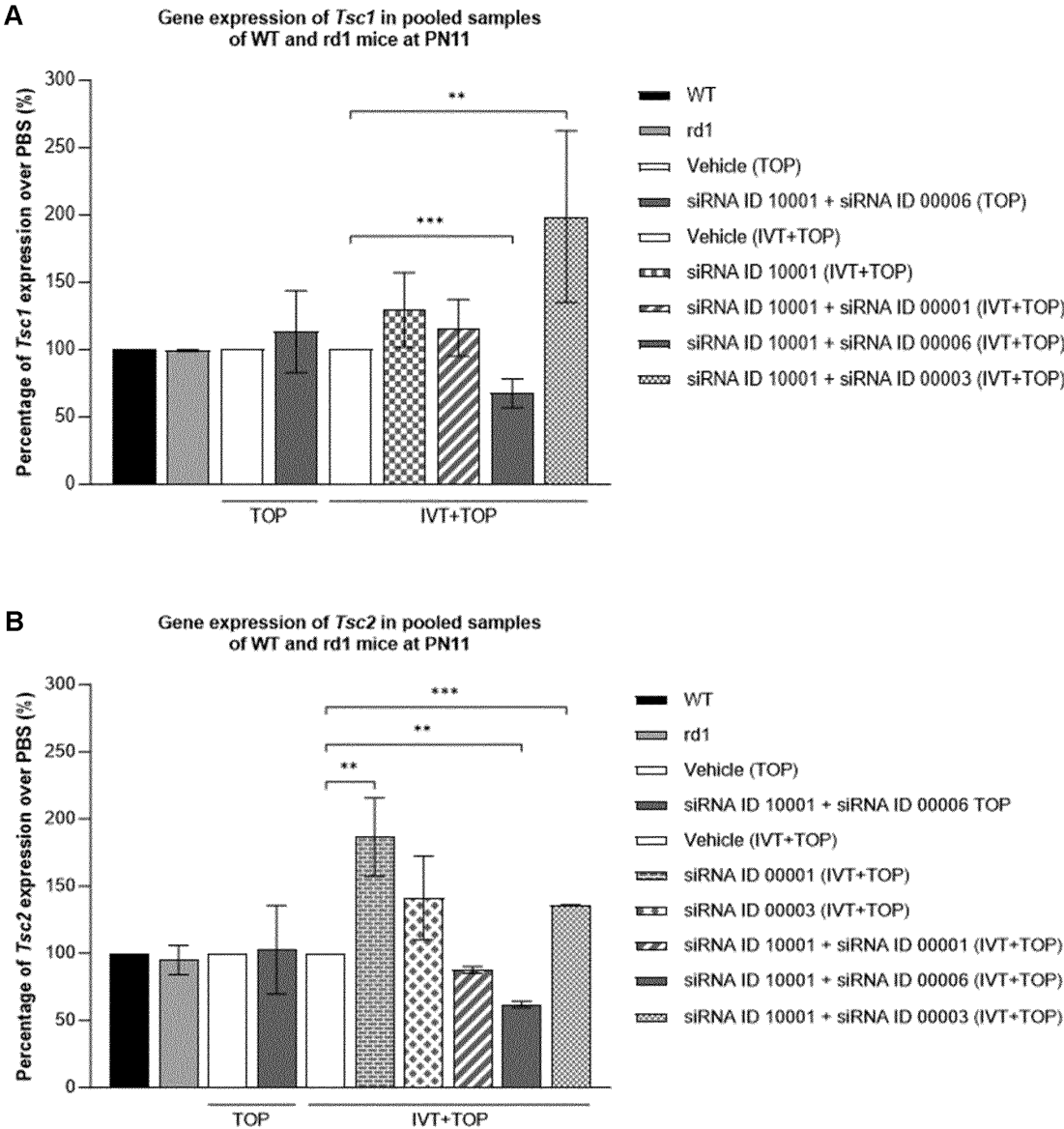


FIG. 30

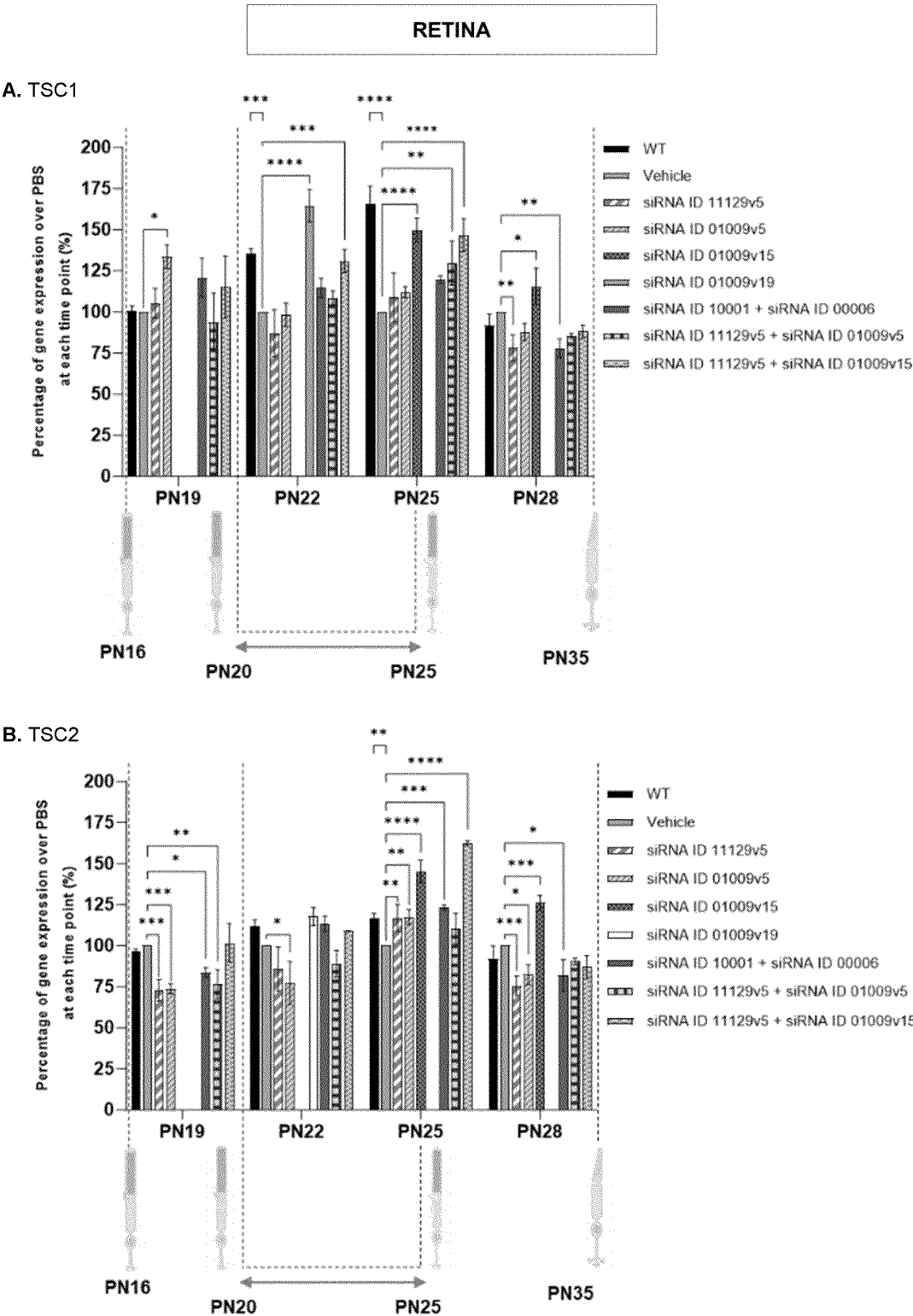


FIG. 31

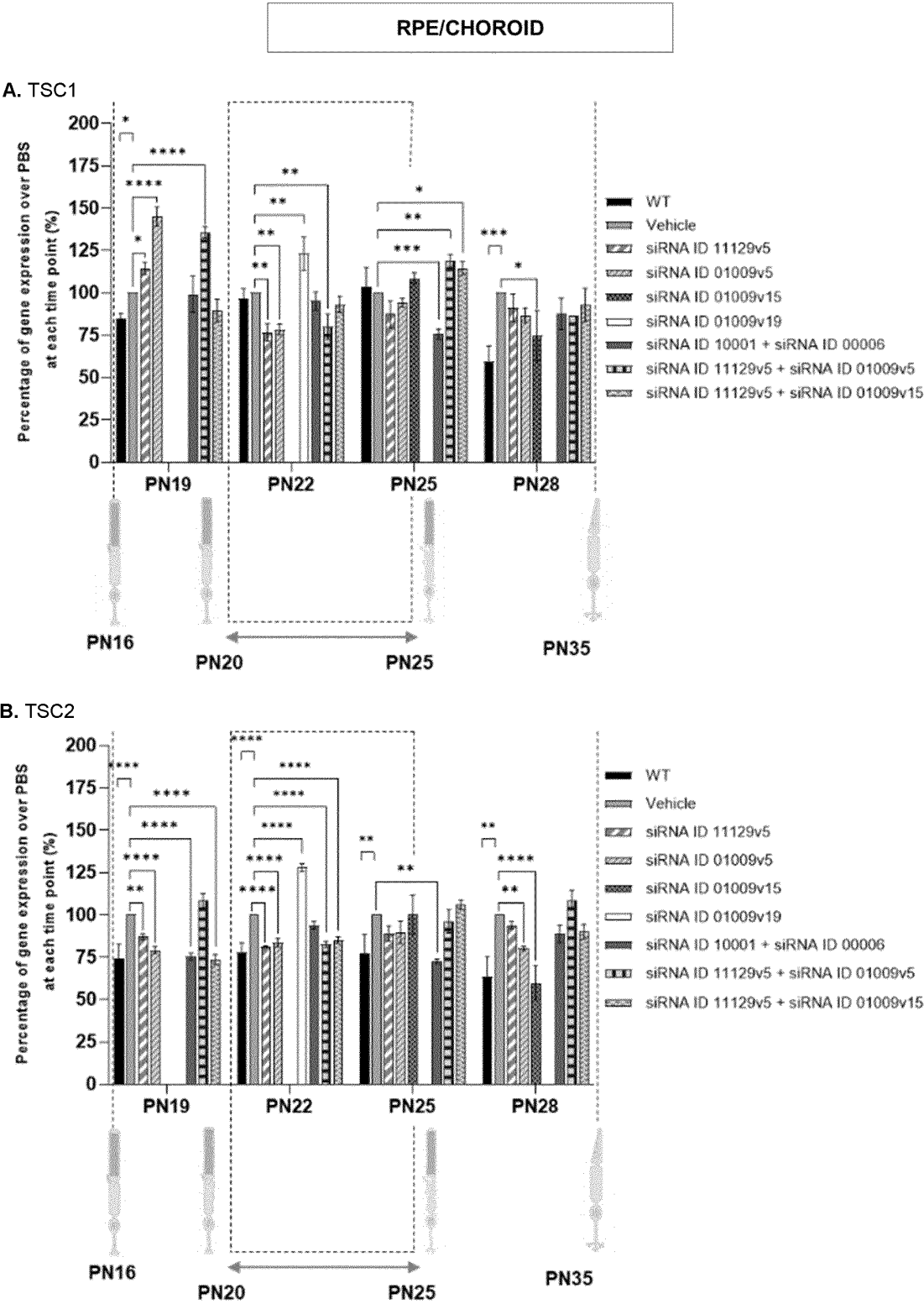


FIG. 32