
Primers used for the generation of α_1 -antitrypsin variants specific for S1P and furin (5'-3').

α_1 -AT_BamHI_S	GCGGGATCCATGGCACCCCTCCATCTCACGG
α_1 -AT_NheI_Flag_AS	GCGGCTAGCTCACTTATCGTCATCGTCCTTGTAATCACG TGTGGGATCTATCACTTTTCCCAC
α_1 -AT_RRIL_S	GCTGCAGGAGCCACTGTGGTGGAGAGGCGTATCCTG
α_1 -AT_RRIL_AS	GAACTTCACTTGAGGGGGCAGAGACAGGATACGCCT
α_1 -AT_RRLL_S	GCTGCAGGAGCCACTGTGGTGGAGAGGAGGCTCCTG
α_1 -AT_RRLL_AS	GAACTTCACTTGAGGGGGCAGAGACAGGAGCCTCCT
α_1 -AT_RRVL_S	GCTGCAGGAGCCACTGTGGTGGAGAGGAGGGTCCTG
α_1 -AT_RRVL_AS	GAACTTCACTTGAGGGGGCAGAGACAGGACCCTCCT
α_1 -AT_RRYL_S	GCTGCAGGAGCCACTGTGGTGGAGAGGAGGTATCTG
α_1 -AT_RRYL_AS	GAACTTCACTTGAGGGGGCAGAGACAGATACCTCCT
α_1 -AT_RVKR_S	GCTGCAGGAGCCACTGTGGTGGAGAGGGTCAAGAGG
α_1 -AT_RVKR_AS	GAACTTCACTTGAGGGGGCAGAGACCTCTTGACCCT

Primers used for sequencing of α_1 -antitrypsin open reading frames in pTRE2hyg plasmid (5'-3').

pTRE2hyg_for	CGCCTGGAGACGCCATCC
pTRE2hyg_rev	CCACACCTCCCCCTGAAC
