

Online Resource 1

SLA-1*0401 nucleotide sequence	ATGGGCCCGCACAGCCTGAGCTATTTTTATACCGCGGTGAGCCGTCC GGATCGTGGTGATAGCCGTTTTATTGCGGTGGGTTATGTGGATGAT ACCCAGTTTGTGCGTTTTGATAATTATGCGCCAATCCGCGTATGG AACCGCGTGTCCGTGGATTTCAGCAGGAAGGTCAGGAATATTGGGA TCGTGAAACCCGTAATGTGAAAGAAACCGCGCAGACCTATGGTGTG GGTCTGAATACCCTGCGTGGTTATTATAATCAGAGCGAAGCGGGTA GCCATACCCTGCAGAGCATGTATGGTTGTTATCTGGGTCCGGATGG TCTGCTGCTGCATGGTTATCGTCAGGATGCGTATGATGGTCCGGAT TATATTGCGCTGAATGAAGATCTGCGTAGCTGGACCGCGGCGGATA TGGCGGCGCAGATTACCAAACGTAAATGGGAAGCGGCGGATGAAGC GGAACGTCGTCGTAGCTATCTGCAGGGTCTGTGTGGAAAGCCTG CGTCGTTATCTGGAAATGGGTAAAGATACCCTGCAGCGTGCAGAAC CGCCGAAAACCCATGTGACCCGTCATCCGAGCAGCGATCTGGGTGTG ACCCTGCGTTGTTGGGCGCTGGGTTTTTATCCGAAAGAAATTAGCC TGACCTGGCAGCGTGAAGGTCAGGATCAGAGCCAGGATATGGAAC GGTGAAACCCGTCAGCGGTGATGGTACCTTTCAGAAATGGGCG GCGCTGGTGGTGCCCGGGTGAAGAACAGAGCTATACCTGTCATG TGCAGCATGAAGGCTGCAGGAACCGCTGACCTGCGTTGGGATCCG ATCGAGGGTAGAGGTGGCGGTCTGAACGACATCTCGAAGCTCAGA AAATCGAATGGCACGAAGTTCCAAAGACCACCTGATCCACAACGT TCACAAAGAAGAACACGCTCACGCTCACAACAAATAA
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Online Resource 1 Nucleotide sequence used to encode SLA-1*0401 fused to an enzyme restricted cleavage site (Fxa, purple), a biotinylation site (BSP, pink), and a histidine affinity tag (HAT, dark blue).

Key: SLA-1*0401 heavy chain sequence, Fxa (enzyme restricted cleavage site), BSP (biotinylation site), HAT (histidine affinity tag for purification), stop codon