

Supplementary Table 3**Surface expression of S1P₁ and S1P₂ chimeric receptors**

Surface expression of FLAG-tagged receptor constructs was determined in non-permeabilized transiently transfected HTC4 cells by anti-FLAG epitope flow cytometric analysis.

Receptor construct	FLAG %	Receptor construct	FLAG %
Vector	2	S1P ₂ (<i>a,b,c,d</i>) ^{S1P1}	14
S1P ₁ -WT	13	S1P ₂ (<i>a</i>) ^{S1P1}	18
S1P ₂ -WT	18	S1P ₂ (<i>b</i>) ^{S1P1}	19
S1P ₂ (NT-TM1) ^{S1P1}	15	S1P ₂ (<i>c</i>) ^{S1P1}	21
S1P ₂ (NT-IC1) ^{S1P1}	14	S1P ₂ (<i>d</i>) ^{S1P1}	27
S1P ₂ (NT-TM2) ^{S1P1}	14	S1P ₂ (<i>a,b</i>) ^{S1P1}	16
S1P ₂ (NT-EC1) ^{S1P1}	12	S1P ₂ (<i>c,d</i>) ^{S1P1}	28
S1P ₂ (NT-TM3) ^{S1P1}	16	S1P ₂ (<i>b,d</i>) ^{S1P1}	25
S1P ₂ (NT-IC2) ^{S1P1}	19	S1P ₂ (<i>b,c</i>) ^{S1P1}	15
S1P ₂ (NT-TM5) ^{S1P1}	18	S1P ₂ (<i>b,c,d</i>) ^{S1P1}	20
S1P ₁ (TM6-CT) ^{S1P2}	15	S1P ₂ (<i>a,c,d</i>) ^{S1P1}	13
S1P ₁ (NT-TM1) ^{S1P2}	12	S1P ₂ (<i>a,b,d</i>) ^{S1P1}	14
S1P ₂ (TM2-CT) ^{S1P1}	4	S1P ₂ (<i>a,b,c</i>) ^{S1P1}	20
S1P ₂ (EC1-CT) ^{S1P1}	2	S1P ₁ (<i>a,b,c,d</i>) ^{S1P2}	12
S1P ₂ (TM3-CT) ^{S1P1}	2	S1P ₁ (<i>a,c,d</i>) ^{S1P2}	10
S1P ₂ (IC2-CT) ^{S1P1}	3	S1P ₁ (<i>a,b,c</i>) ^{S1P2}	13
S1P ₂ (TM4-CT) ^{S1P1}	1	S1P ₁ (<i>a</i>) ^{S1P2}	9
S1P ₂ (IC3-CT) ^{S1P1}	2	S1P ₁ (<i>b</i>) ^{S1P2}	12
S1P ₂ (TM6-CT) ^{S1P1}	2		