



	WT	I290A	E291A	P292A	R294A	V295A	Q296A	F286A	M288A	F286A/M288A/L298A
EC50	1.444e-008	4.189e-008	6.232e-008	4.694e-008	6.101e-008	1.633e-008	1.151e-008	1.232e-007	8.119e-008	1.434e-007
Emax	100	108.62	119.85	104.40	102.24	100.11	107.06	56.34	58.29	43.76

Figure S10. βArr1 recruitment to NTSR1 induced by NTS and SBI-553. (a) Recruitment of βArr1 to wild-type (WT) and mutated NTSR1 induced by NTS (1 nM) and SBI-553 (10 μM). $\Delta E_{\max} = E_{\max}(\text{NTS} + \text{SBI-553}) - E_{\max}(\text{NTS})$. Data are mean \pm s.d. from three independent experiments ($n = 3$). (b) The βArr1 recruitment effects of the mutations on NTSR1 mutants stimulated only by NTS. (c) Recruitment of mutated βarr1 to wild-type NTSR1 induced by NTS (1 nM) and SBI-553 (10 μM). $\Delta E_{\max} = E_{\max}(\text{NTS} + \text{SBI-553}) - E_{\max}(\text{NTS})$. Data are mean \pm s.d. from at least three independent experiments ($n \geq 3$).