**Supplemental table 2.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Receptor** | **Potentiation by**  **0.1 μM 3α5αP** | **Potentiation by**  **1 μM 3α5αP** | **Potentiation by 0.1 μM 3α5βP** | **Potentiation by**  **1 μM 3α5βP** |
| α1β3 wild-type | 4.8±1.4 (6) | 8.4±3.4 (6) | 3.7±1.7 (6) | 7.7±4.3 (6) |
|  |  |  |  |  |
| α1F407Aβ3 | 5.3±2.1 (6) | 9.0±4.4 (6) | 3.0±0.9 (5) | 5.1±1.6 (5) |
| α1N408A/Y411Fβ3 | 1.4±0.2 (6) \* | 3.5±1.6 (10) \*\* | - | - |
| α1W412Aβ3 | 3.2±0.7 (5) | 6.3±2.2 (5) | 4.3±1.1 (6) | 7.1±2.7 (6) |
| α1W412Lβ3 | 5.2±1.4 (5) | 9.5±3.1 (5) | 5.2±1.6 (5) | 10.8±5.8 (5) |
| α1Y415Aβ3 | 4.9±1.7 (5) | 9.7±4.2 (5) | 3.9±1.4 (5) | 6.5±2.3 (5) |
| α1F289Aβ3 | 2.8±0.5 (6) | 4.9±1.0 (6) | 3.0±0.7 (4) | 5.5±1.3 (4) |
| α1V227Wβ3 | 2.0±0.6 (5)\* | 2.9±1.0 (5)\*\* | 2.2±0.7 (6) | 3.1±0.9 (6) |
|  |  |  |  |  |
| α1β3F438A | 3.3±0.7 (5) | 5.7±2.1 (5) | 4.6±1.3 (5) | 11.9±6.9 (5) |
| α1β3W443A | 4.9±1.4 (4) | 9.9±3.3 (4)\* | 3.5±0.6 (5) | 7.8±3.0 (5) |
| α1β3W443L | 4.5±1.6 (5) | 13.9±2.6 (5) | 5.5±2.2 (5) | 12.6±4.9 (5) |
| α1β3Y445A | 3.9±2.1 (10) | 11.7±4.7 (10) | 2.5±0.7 (9) | 6.8±4.3 (9) |
| α1β3Y284F | 4.1±2.5 (10) | 10.3±2.9 (10) | 2.3±1.0 (5) | 7.2±1.9 (5) |
| α1β3I222W | 4.0±0.6 (5) | 7.0±1.7 (5) | 3.2±0.5 (4) | 5.3±1.7 (4) |