|  |  |  |  |
| --- | --- | --- | --- |
| **WTα1β3** | **Kd (nM)** | | **Bmax (pmol/mg)** |
| Control | 35.5 ± 4.2 | | 9.8 ± 0.8 |
| Etomidate (100 μM) | 19.9 ± 1.6 (\**P* = 0.03 vs. control) | | 10.1 ± 0.5 |
| 3α5αP (30 μM) | 12.6 ± 1.3 (\**P* < 0.01 vs. control) | | 10.3 ± 0.7 |
| KK148 (30 μM) | 15.1 ± 1.6 (\**P* = 0.01 vs. control) | | 10.8 ± 0.9 |
| **α1(N408A/Y411F)β3** |  | |  |
| Control | 68.2 ± 12.3 (*P* = 0.07 vs. WT) | | 0.90 ± 0.18 |
| Etomidate (100 μM) | 27.0 ± 3.9 (\**P* = 0.03 vs. control) | | 0.97 ± 0.23 |
| 3α5αP (30 μM) | 98.4 ± 29.6 (*P* = 0.40 vs. control) | | 0.93 ± 0.16 |
| KK148 (30 μM) | 72.8 ± 12.8 (*P* = 0.81 vs. control) | | 0.85 ± 0.22 |
| **WTα1β3** | | **Statistical difference between the curves** | |
| Control vs. Etomidate | | *F*7,32= 3.27, \**P* < 0.01 | |
| Control vs. 3α5αP | | *F*7,32= 4.27, \**P* < 0.01 | |
| Control vs. KK148 | | *F*7,32= 5.96, \**P* < 0.01 | |
| **α1(N408A/Y411F)β3** | |  | |
| Control vs. Etomidate | | *F*7,32= 2.21, *P* = 0.06 | |
| Control vs. 3α5αP | | *F*7,32= 0.71, *P* = 0.66 | |
| Control vs. KK148 | | *F*7,32= 0.29, *P* = 0.95 | |