# Figure 1

| Fab | $K_D$ (nM) 1-37 (WT) | $K_D$ (nM) 19-37[a] | *$K_D$ (nM) 25-37[a]* | $K_D$ (mutant/parent) F27A | V28A | P29A | T30A | N31A | V32A | G33A | S34A | K35A | F37A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **7E9** | 1.0 | 1.1±0.8 | *0.14±0.05* | **1.0** | **1.0** | **26** | **7** | **9** | **41** | **1256** | **69** | **4** | **3598** |
| **8B6** | 1.1 | 1.5±1.2 | *0.45±0.08* | **1.0** | **1.0** | **9** | **2.2** | **3** | **5** | **496** | **26** | **3** | **2527** |
| **10A8** | 2.1 | 2.4±1.4 | *1.0±0.2* | **1.0** | **1.0** | **9** | **4** | **4** | **11** | **36** | **82** | **13** | **2152** |
| **7D11** | 4.4 | 10±7 | *3.4±0.4* | **1.1** | **1.0** | **7** | **4** | **5** | **5** | **86** | **18** | **1.4** | **420** |
| **6H2** | 9.3 | 7.8±0.2 | *8.5±0.5* | **0.9** | **1.0** | **1.0** | **0.8** | **4** | **11** | **14** | **0.5** | **1.0** | |
| **4901** | 60.5 | 52±12 | *296±115* | **0.8** | **0.8** | **0.2** | **0.2** | **0.3** | **0.9** | **1.3** | **0.8** | **0.3** | |
| **14E10** | 79.7 | 91±3 | *117.4±0.7* | **0.8** | **0.8** | **11** | **3** | **18** | **2** | **1** | **3** | **0.4[b]** | |
| **9B8** | 84.7 | 76±20 | *96±28* | **0.8** | **0.8** | **0.6** | **0.6** | **0.7** | **0.6** | **1.3** | **4** | **0.4[b]** | |
| **13C2** | 94.4 | 86±13 | *137±5* | **0.7** | **0.7** | **0.5** | **0.4** | **0.6** | **0.2** | **0.9** | **1.1** | **0.4[b]** | |
| **14A9** | 148.4 | 219±114 | *246±20* | **0.8** | **0.7** | **0.7** | **0.5** | **0.8** | **0.7** | **1.6** | **1.3** | **6** | |
| **6D5** | 209.9 | 207±26 | *378±22* | **0.8** | **0.7** | **0.5** | **0.4** | **0.6** | **0.5** | **3** | **1.1** | **5** | |
| **1C5** | 296.4 | 223±51 | *430±173* | **0.8** | **0.8** | **0.6** | **0.4** | **0.6** | **0.6** | **1.1** | **1.1** | **5** | |