**Supplementary file 1:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | no. | ( µm) |  | (msµM) | (ms) |
| Calmodulin | 1 | 22 | 24 µM | 0.034 | 0.238 |
| ATP | 2 | 140 | 455 µM | 0.255 | 45 |
| Fluo-4 | 3 | 42 | 25 µM | 1.1 | 1.1 |
| Troponin | 4 | 0 | 70 µM | 0.0327 | 0.0196 |
| Calsequestrin | 5 | 0 | 30 mM | 0.102 | 65 |