

Supplementary Table 1

Total concentrations of Ca^{2+} in different pCa buffer

| $[\text{Ca}^{2+}]_{\text{total}}$ (M) | pCa |
|---------------------------------------|-----|
| 2.67×10^{-5} | 8 |
| 7.86×10^{-5} | 7 |
| 9.85×10^{-5} | 6 |
| 1.11×10^{-4} | 5 |
| 2.16×10^{-4} | 4 |