

Table S1. Effects of metal ions, Triton × 100, Tween, SDS and EDTA on CsnQ activity.

Reagent	Concentration (mM)	Relative Activity (%)
Added		
None	-	100 ± 0.2
Al ³⁺	5	48 ± 10.1
Fe ³⁺	5	88 ± 2.6
K ⁺	5	101 ± 4.3
Na ⁺	5	104 ± 3.9
Mg ²⁺	5	106 ± 0.7
Li ⁺	5	106 ± 3.3
NH ₄ ⁺	5	107 ± 3.1
Fe ²⁺	5	108 ± 2.6
Cu ²⁺	5	108 ± 3.3
Ba ²⁺	5	109 ± 4.2
Co ²⁺	5	110 ± 2.4
Ca ²⁺	5	112 ± 3.4
Zn ²⁺	5	114 ± 3.8
Mn ²⁺	5	121 ± 3.1
Triton ×100	5	5 ± 0.3
Tween	5	10 ± 1.0
SDS	5	5 ± 2.4
EDTA	5	5 ± 3.9