

Supporting Information Table S2

Ion concentration / mM	150	300	450	600
IIIr-IV-IIIe-IIIr (*)	9	12	19	55
IIIr-IV-IIIe-IV-IIIe-IIIr (**)	0	0	1	3
IIIr-IV-IIIe-IV-IIIe-IV-IIIe-IIIr (***)	0	0	0	1
IIIr-IV-IIIr (*)	1	0	0	0
IIIr-IV-IIIe-IIIr-IV-IIIe-IIIr (**)	0	0	1	0
IIIr-II-IIIr-IV-IIIe-IIIr (-*)	0	0	1	0
IIIr-II-IIIr-IV-IIIe-IIIr-IV-IIIe-IIIr (-**)	0	2	0	0
IIIr-II-IIIe-IIIr (†)	19	16	4	8
IIIr-II-IIIr-II-IIIe-IIIr (-†)	2	2	1	2
IIIr-II-IIIe-IV-IIIe-IIIr (†*)	0	1	0	2
IIIr-IV-IIIe-II-IIIe-IIIr (†*)	0	0	0	2
IIIr-II-IIIr (-)	5	3	7	10
IIIr-II-IIIr-II-IIIr (--)	0	0	0	2
IIIr-II-IIIr-IIIe-IIIr (-)	1	0	0	0
IIIr (‡)	1	1	0	1
Total	38	37	34	86

(*) Knock-on conduction, (†) A/D conduction, (-) back-running, (‡) an exceptional event; an ion comes into the cavity from the intracellular side and it returns to the fluid immediately.