

Fig. S1

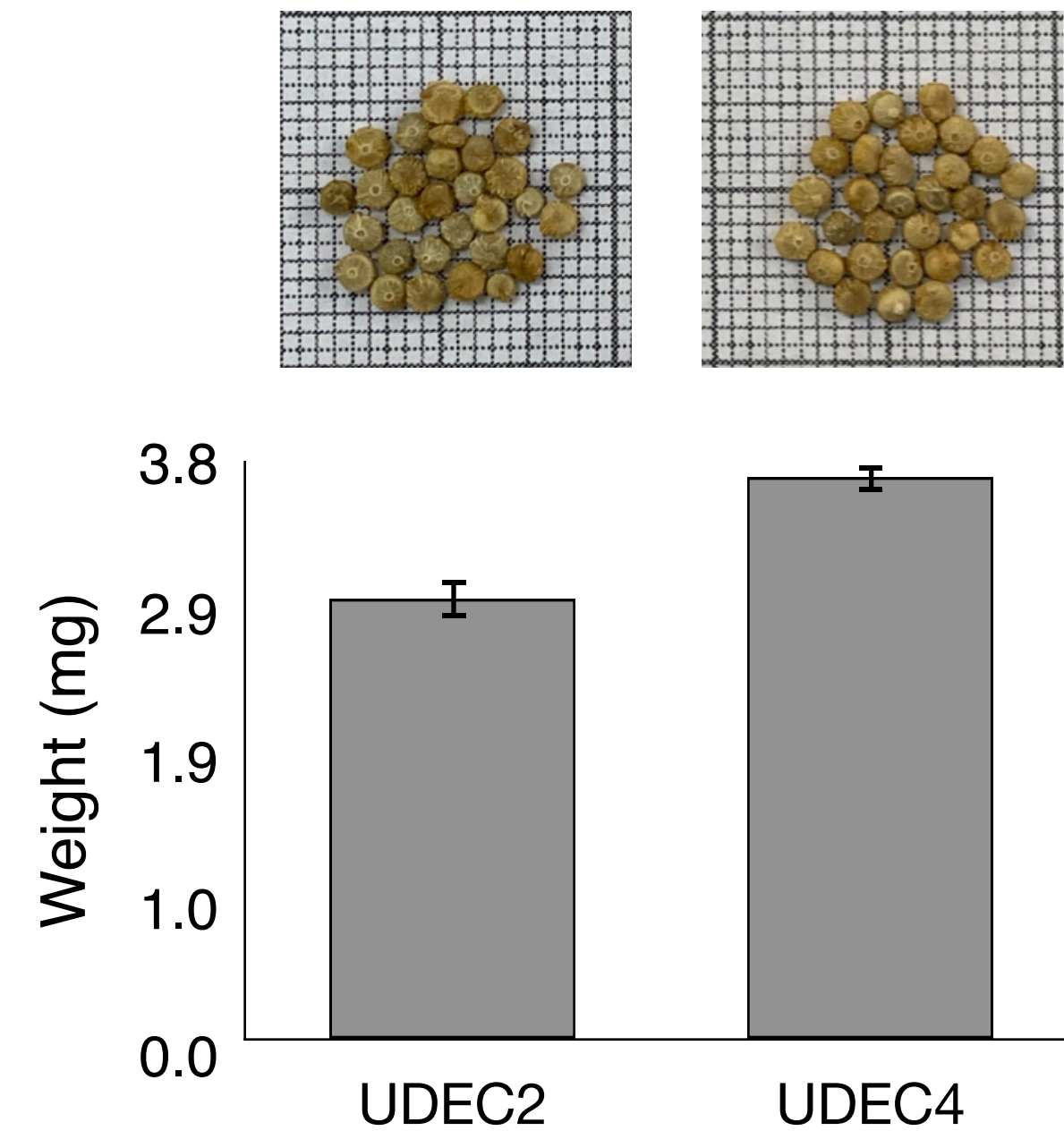
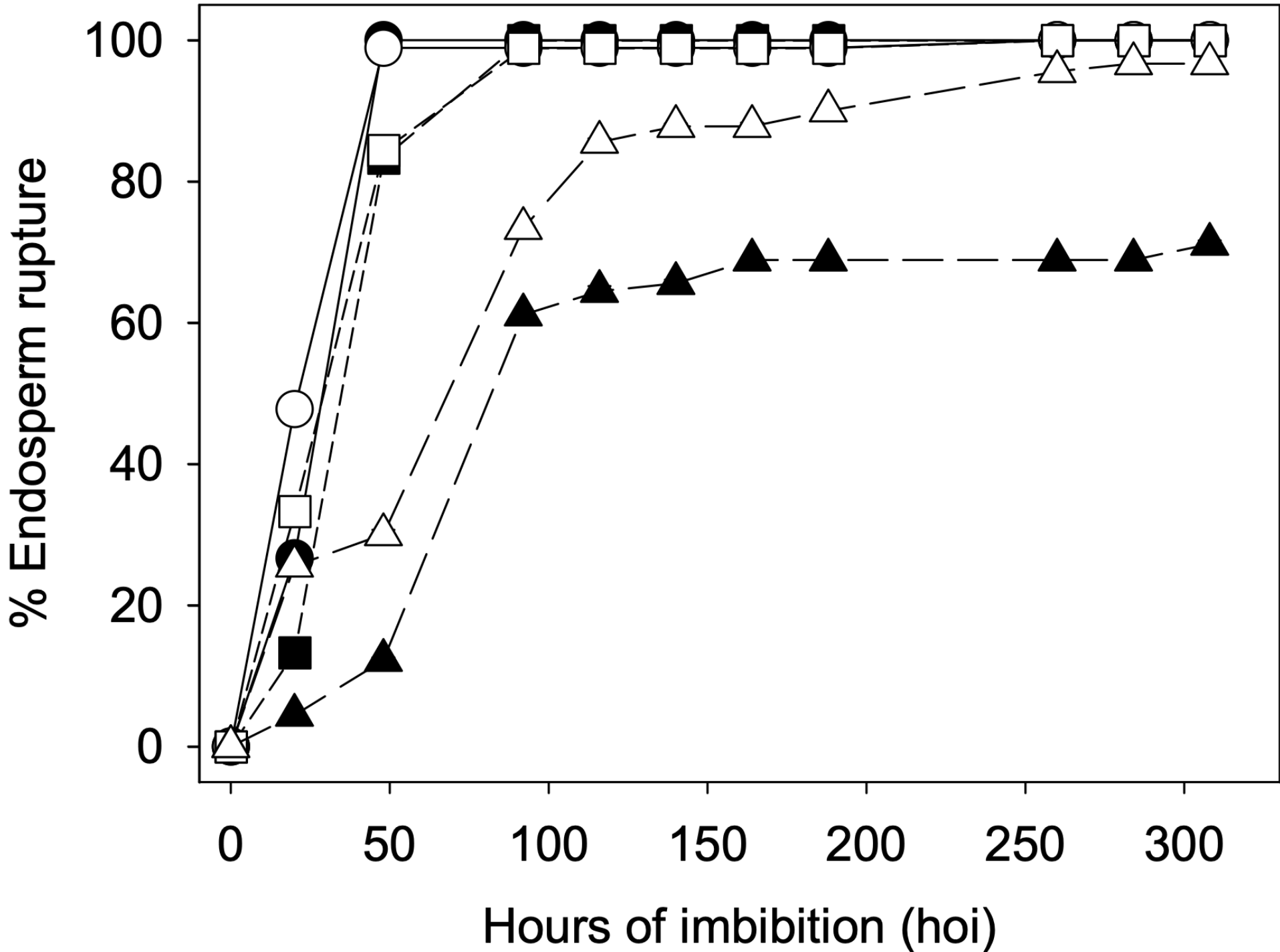


Fig. S2

(a)



	<u>t₅₀ (h)</u>
—●— UDEC2 0 mM NaCl	21.1 ± 0.2
—○— UDEC4 0 mM NaCl	20.7 ± 0.8
--■-- UDEC2 150 mM NaCl	38.1 ± 5.6
--□-- UDEC4 150 mM NaCl	43.6 ± 0.5
—▲— UDEC2 250 mM NaCl	85.5 ± 5.0
—△— UDEC4 250 mM NaCl	57.0 ± 3.9

(b)

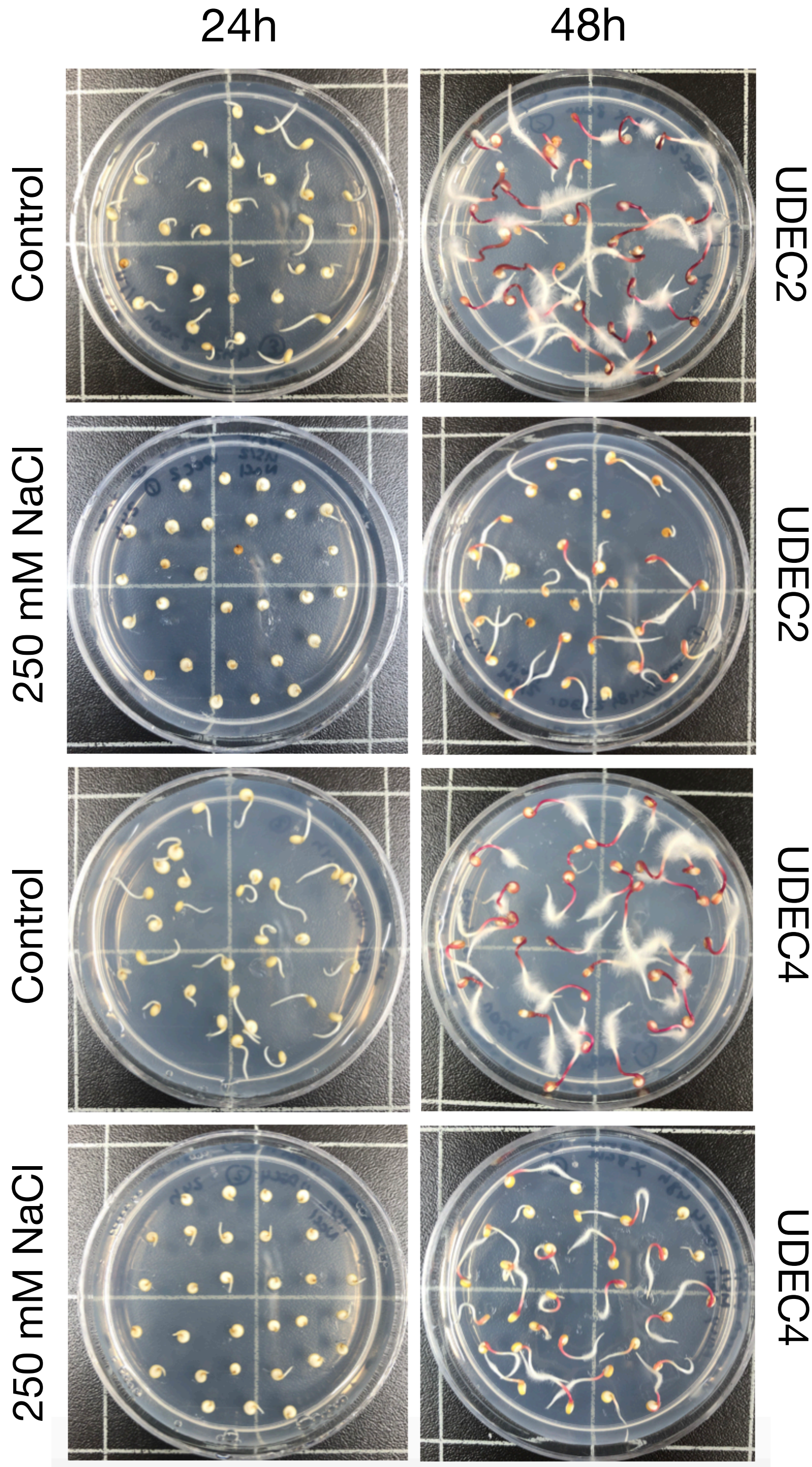


Fig. S3

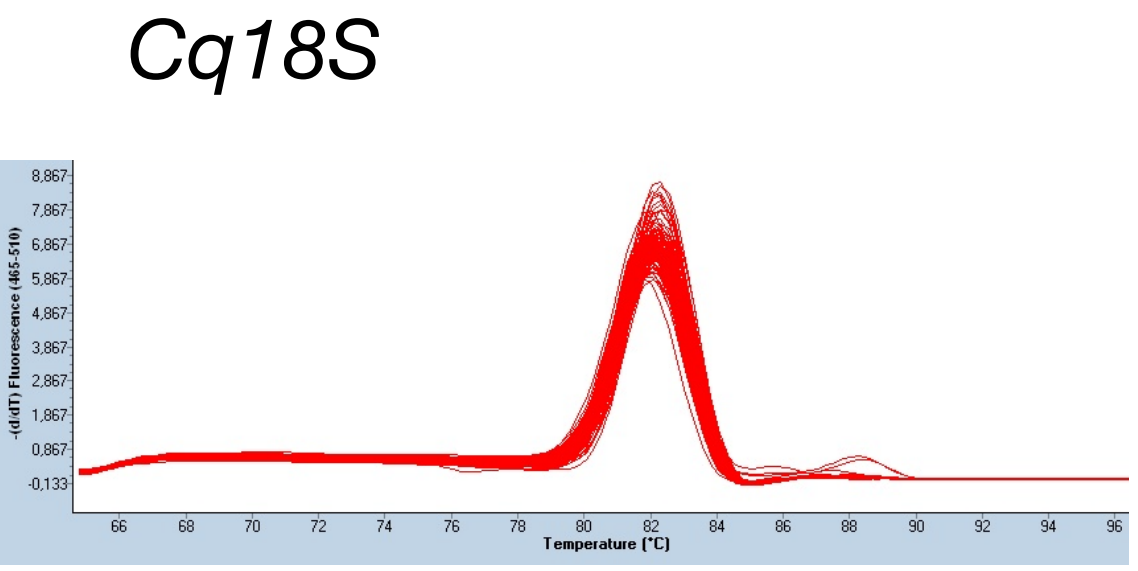
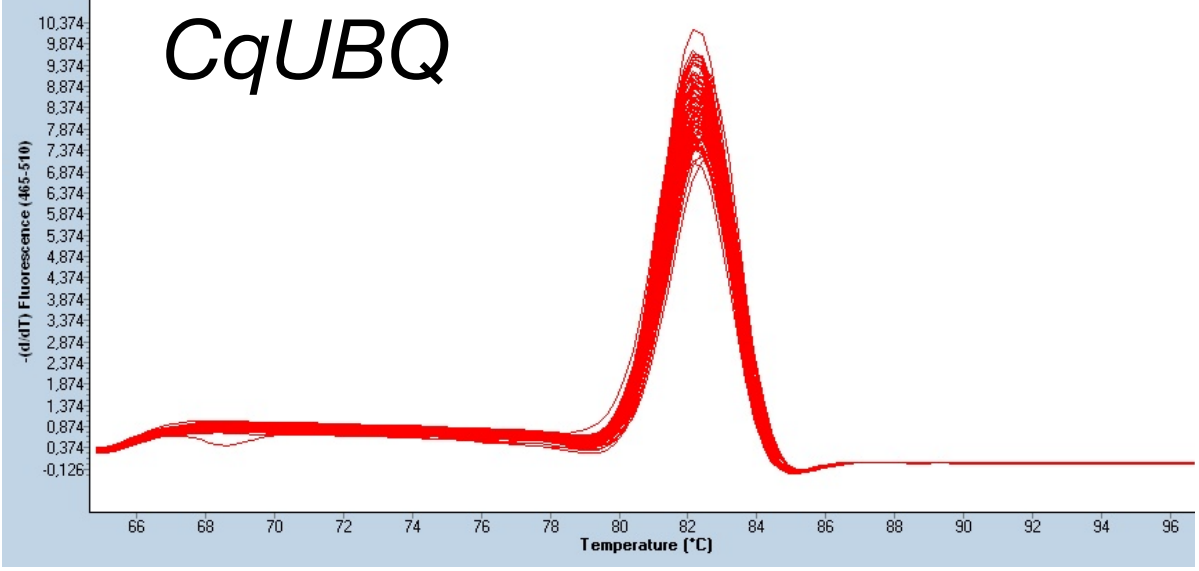
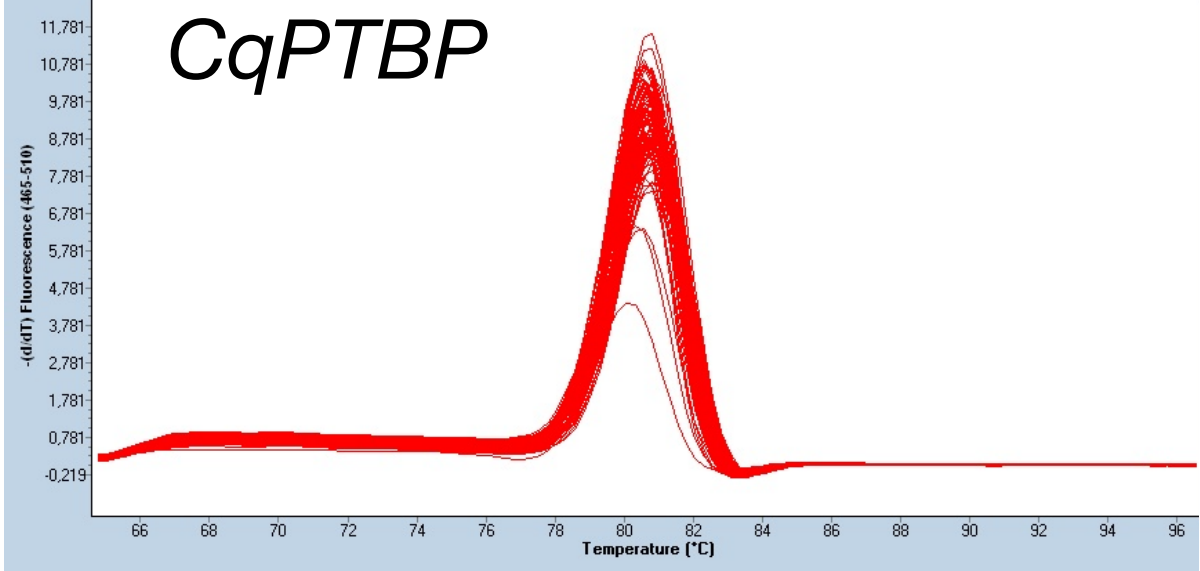
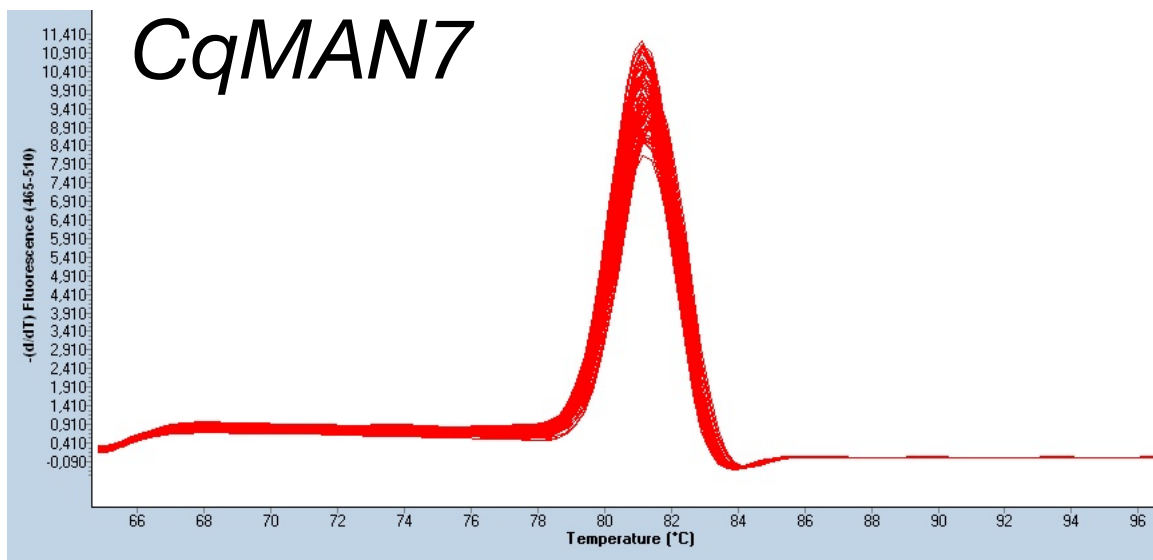
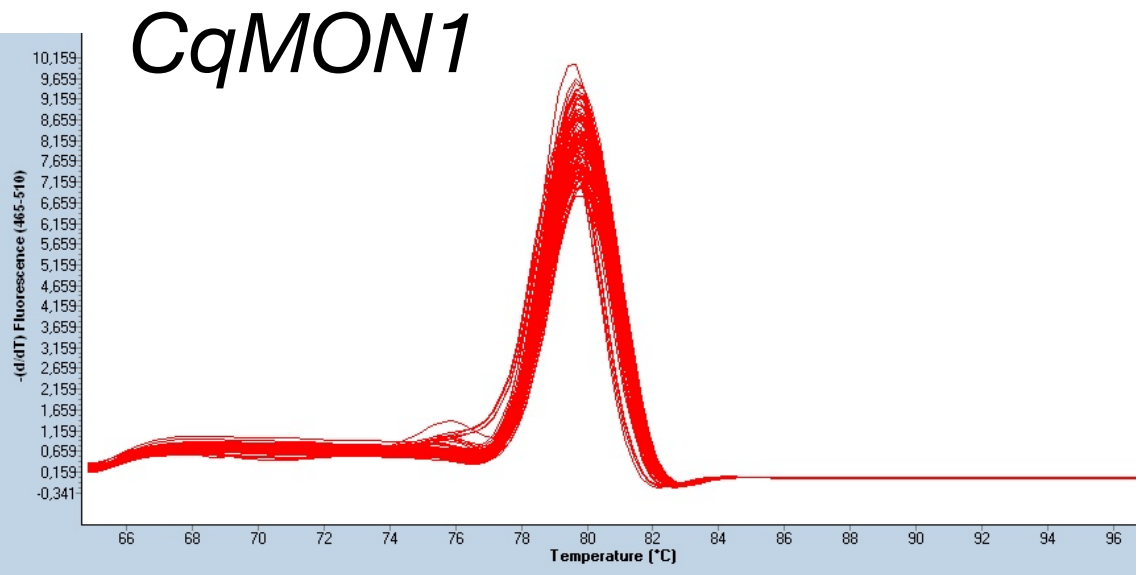
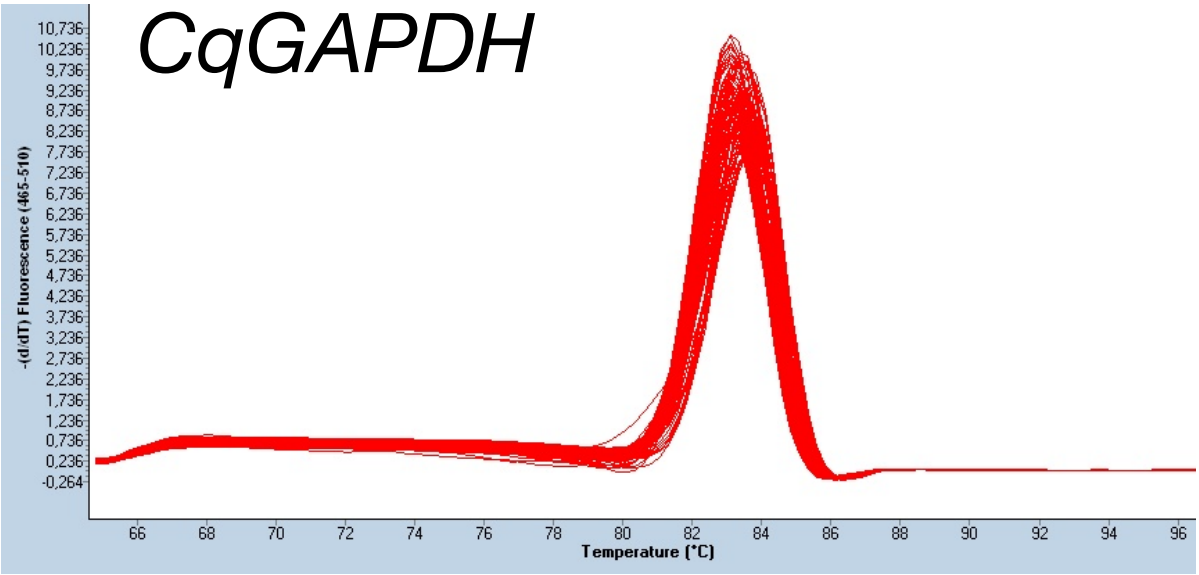
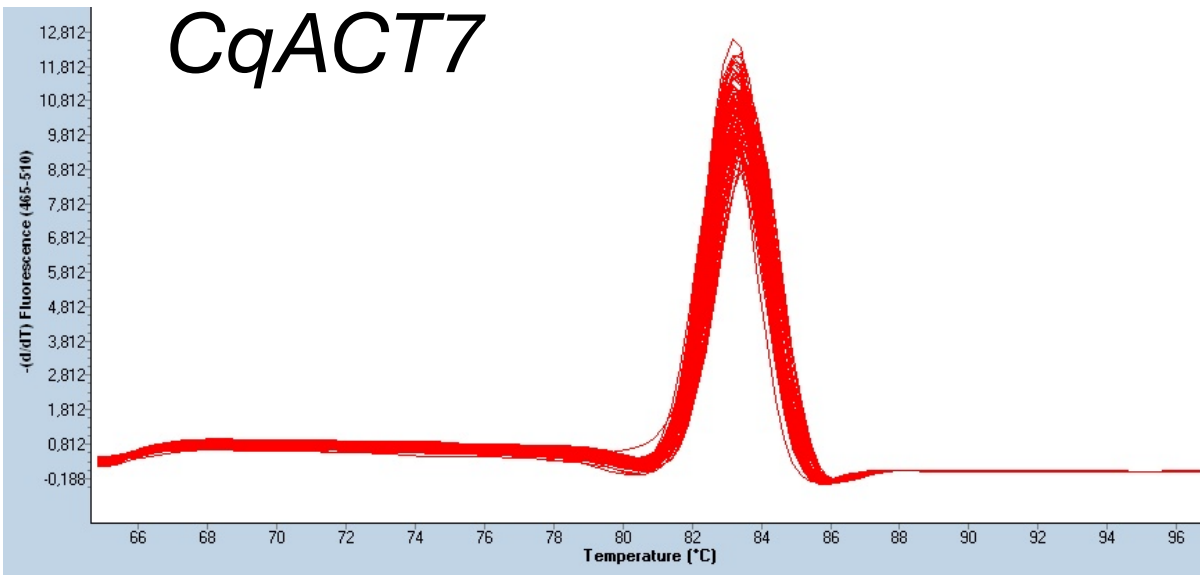
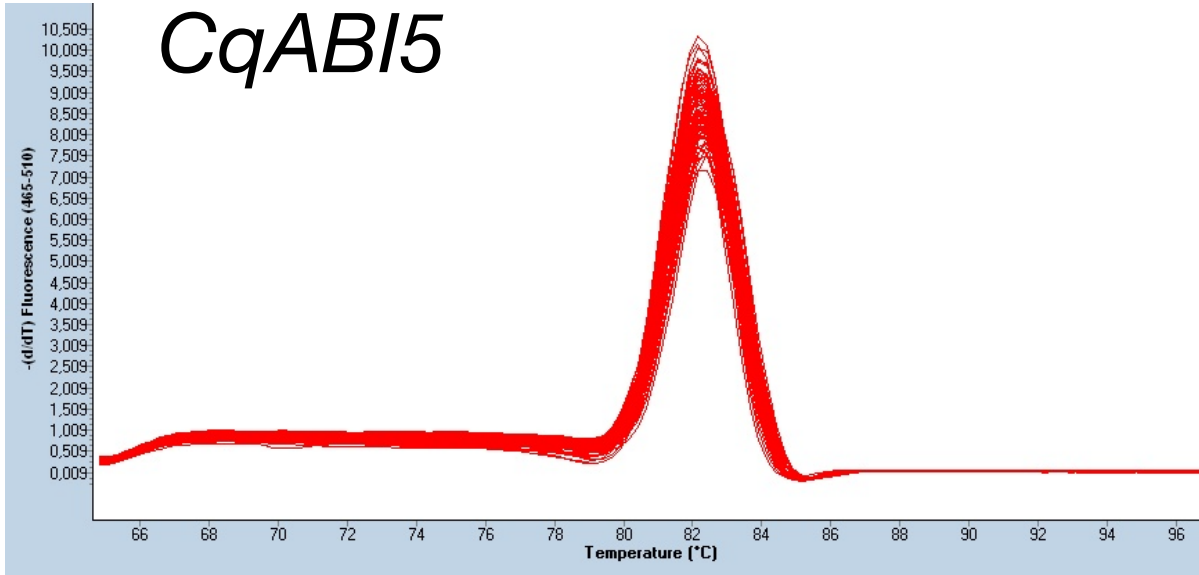


Fig. S4

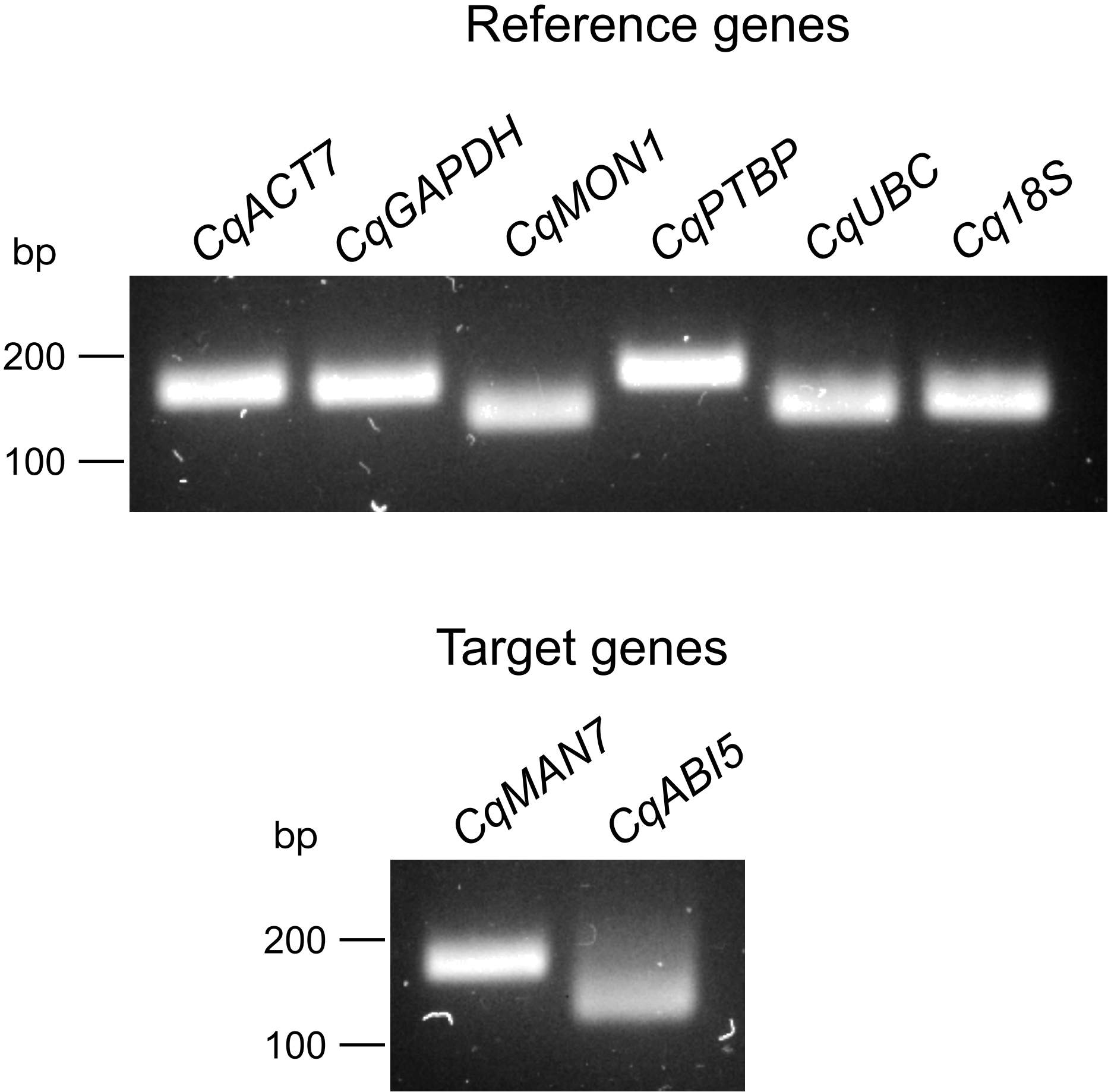


Fig. S5

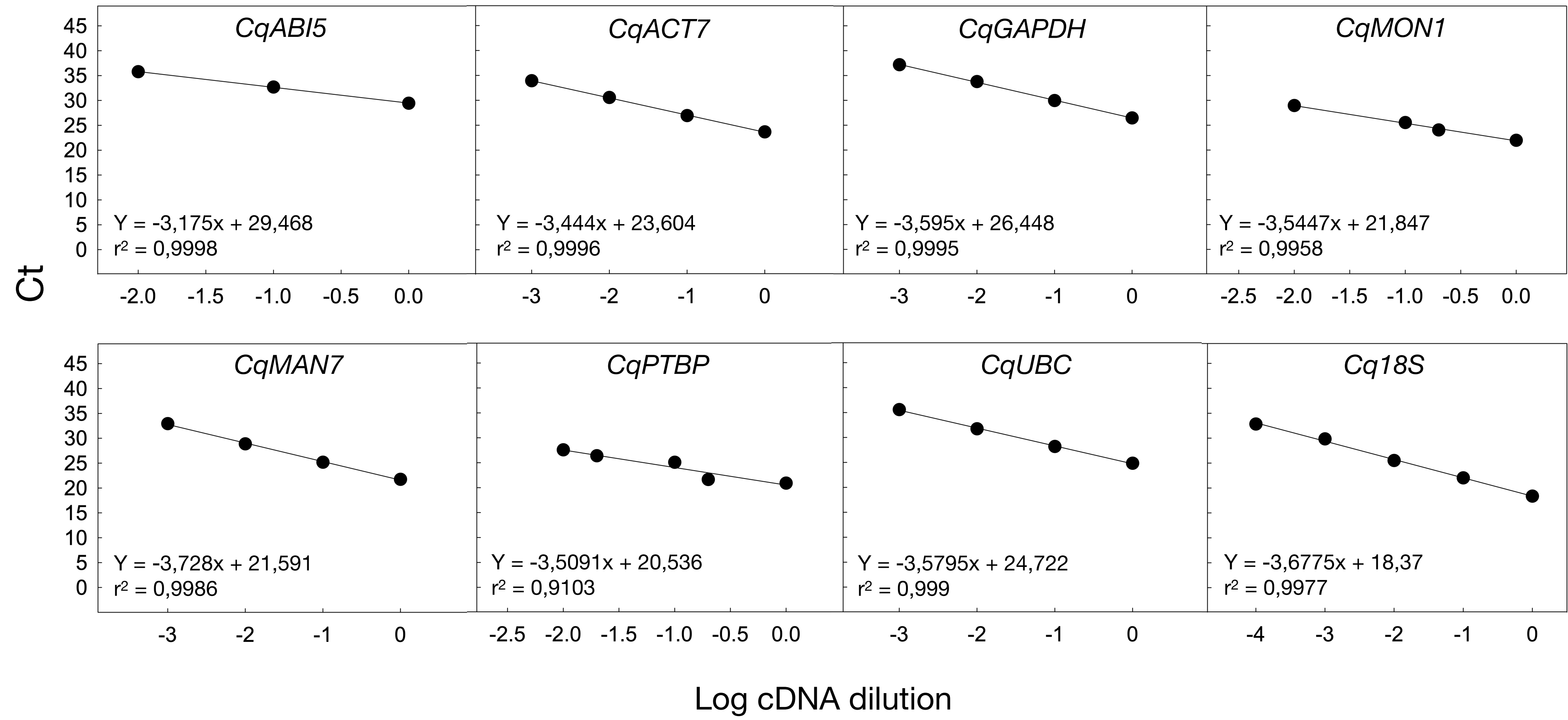


Fig. S6

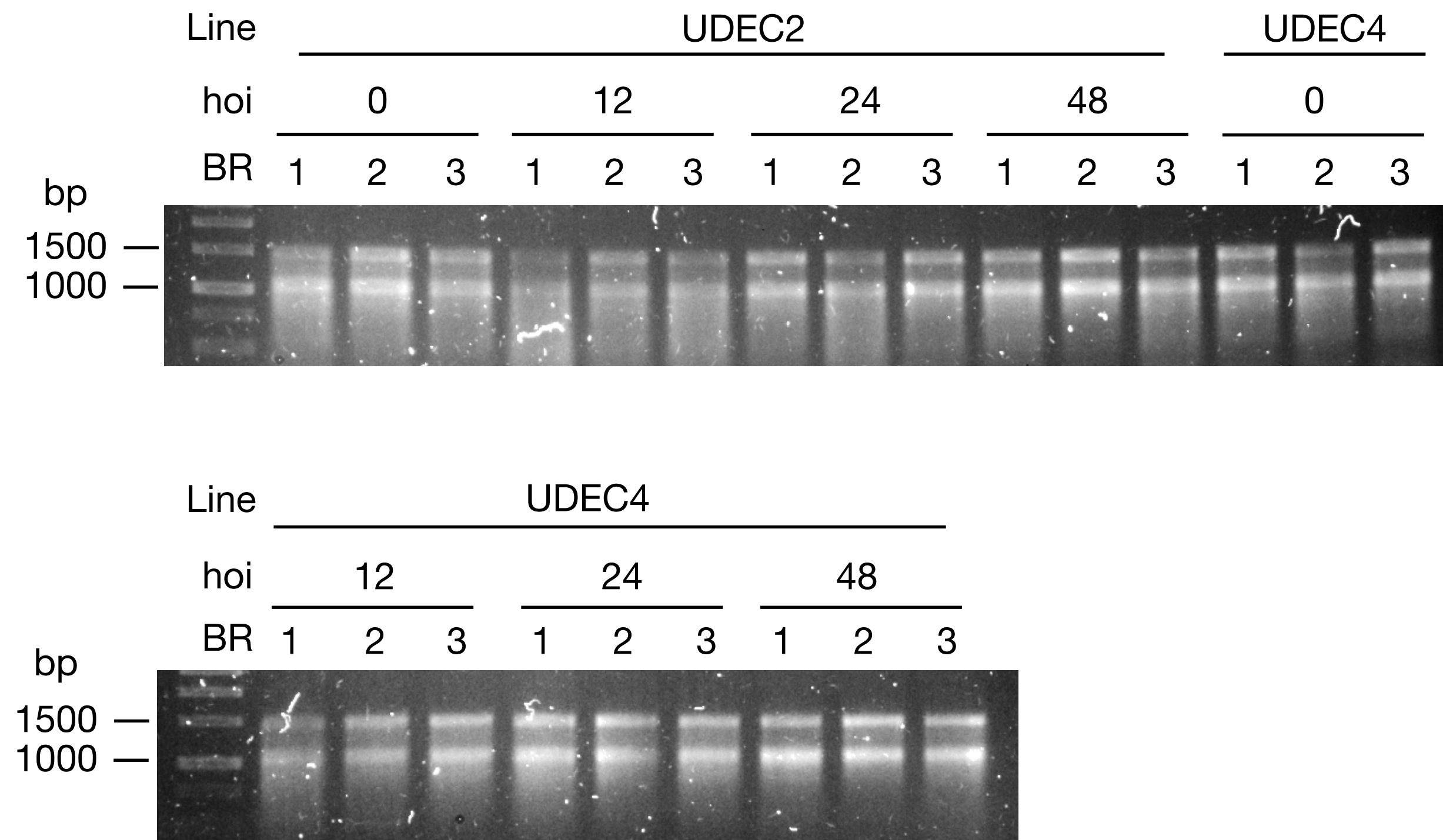
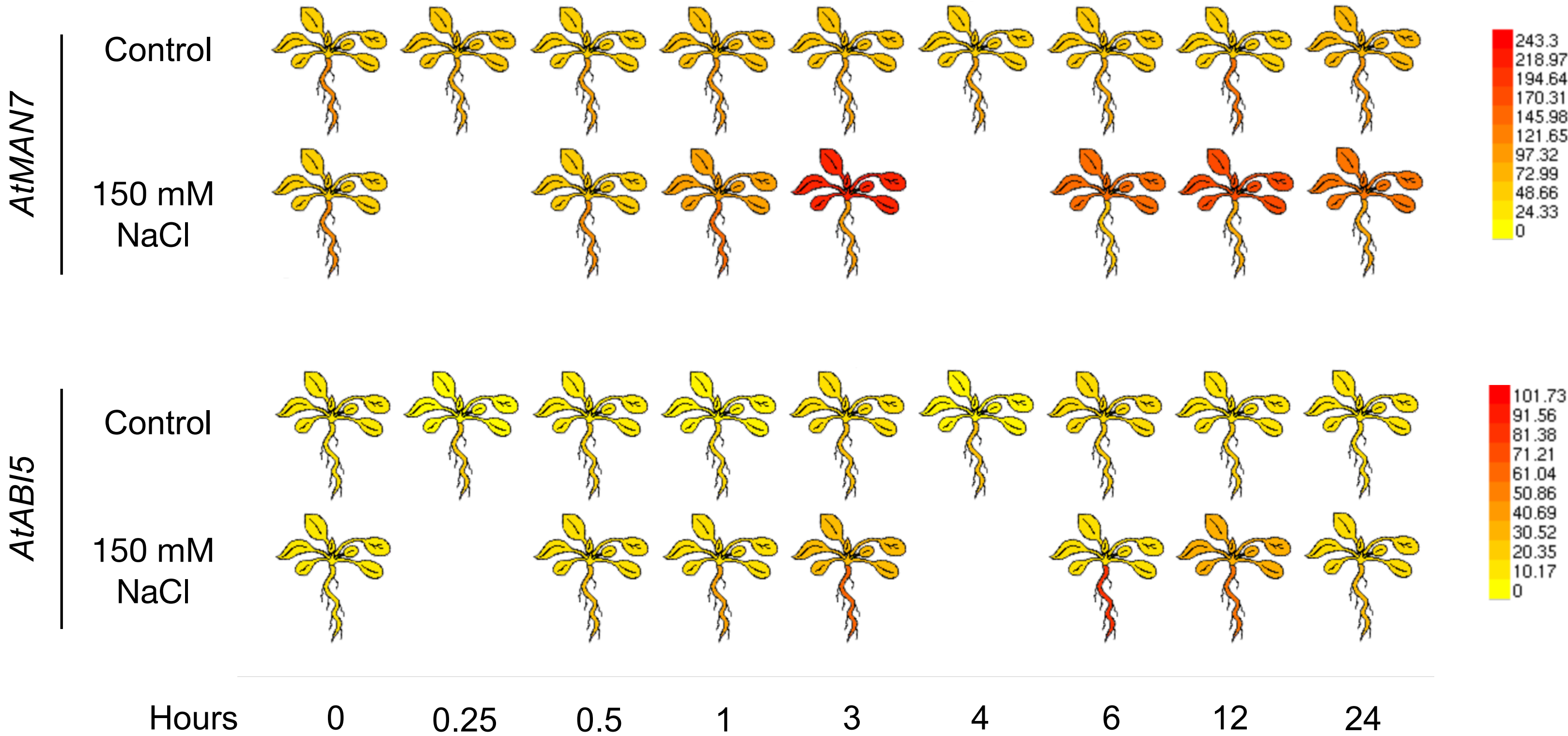


Fig. S7

(a) Salt stress



(b) Seed germination

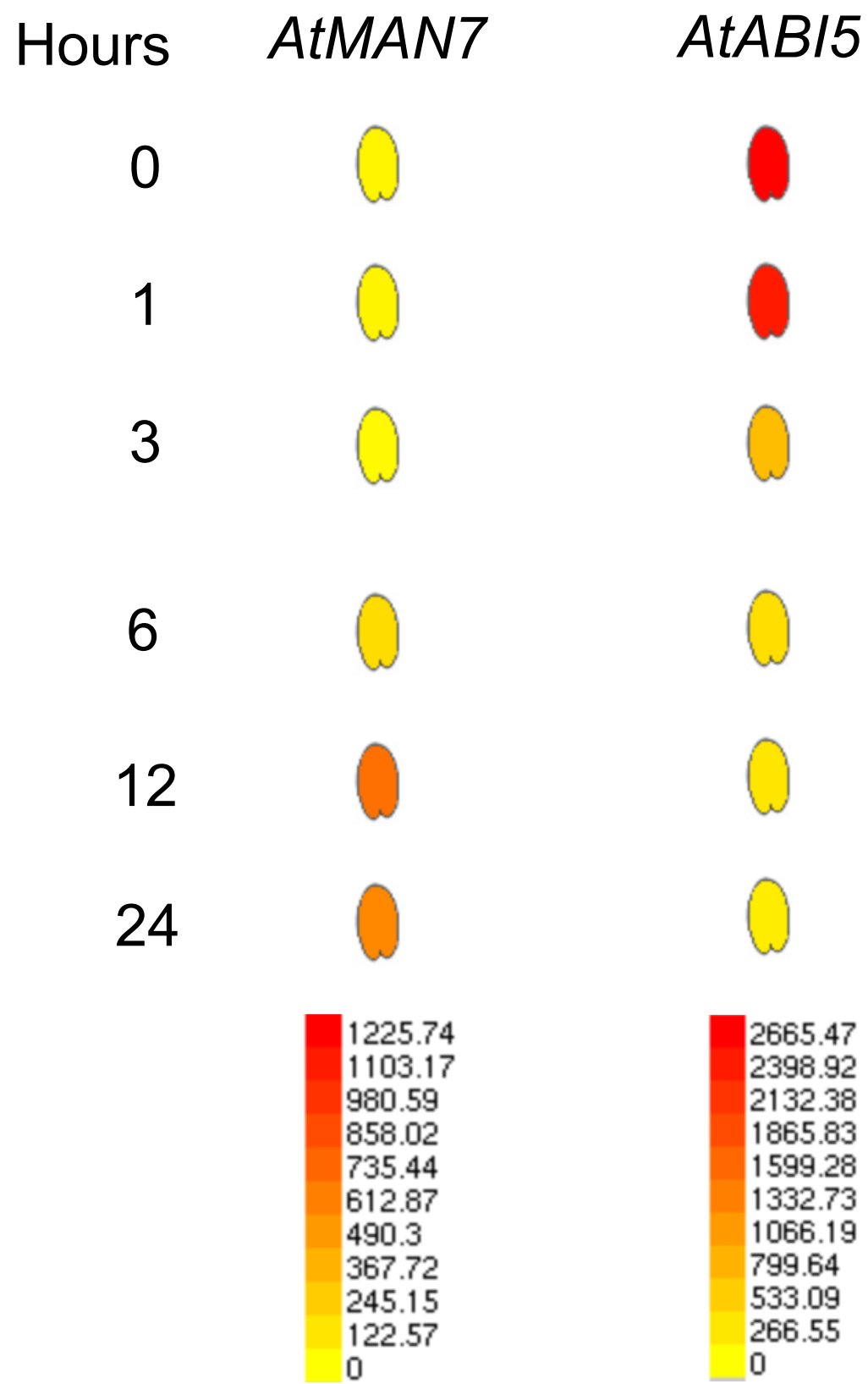


Fig. S8

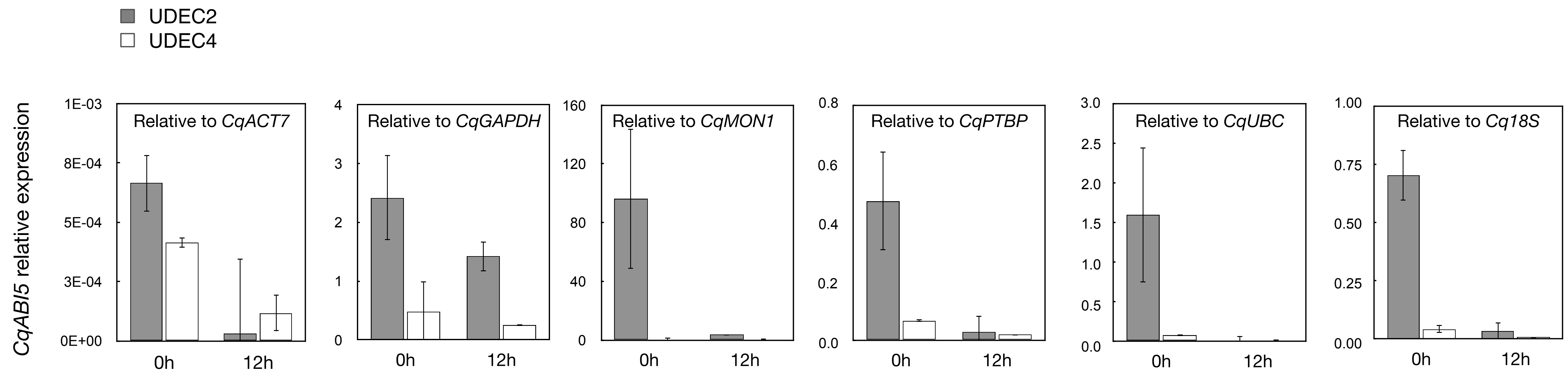


Table S1: Concentration of RNA in samples from UDEC2 and UDEC4 upon seed germination in the absence (control: 0, 12, 24, 48 hoi) and presence of 250 mM NaCl (24, 48, 72, 120 hoi) and their A260/A280 and A260/A230 ratios

Quinoa line	Stress	hoi	Biological replicate	Concentration (ng/ul)	Ratio OD260 / 280	Ratio OD 260 / 230
UDEC2	control	0	1	2476,3	2,21	2,46
UDEC2	control	0	2	998	2,09	2,46
UDEC2	control	0	3	2228,3	2,21	2,46
UDEC2	control	12	1	2575,4	2,12	2,43
UDEC2	control	12	2	2474,4	2,12	2,43
UDEC2	control	12	3	2318,6	2,19	2,45
UDEC2	control	24	1	1906,7	2,17	2,52
UDEC2	control	24	2	3427,4	2,16	2,42
UDEC2	control	24	3	1583,2	2,15	2,51
UDEC2	control	48	1	980,4	2,12	2,44
UDEC2	control	48	2	4389,8	2,19	2,45
UDEC2	control	48	3	436,8	2,06	2,47
UDEC4	control	0	1	3220,1	2,16	2,45
UDEC4	control	0	2	2619,3	2,16	2,4
UDEC4	control	0	3	2984,4	2,17	2,44
UDEC4	control	12	1	2995,6	2,16	2,44
UDEC4	control	12	2	2733,6	2,14	2,3
UDEC4	control	12	3	1486,9	2,14	2,51
UDEC4	control	24	1	5078,9	2,19	2,42
UDEC4	control	24	2	2594	2,13	2,43
UDEC4	control	24	3	2458	2,19	2,43
UDEC4	control	48	1	6665,1	2,15	2,42
UDEC4	control	48	2	5412	2,21	2,45
UDEC4	control	48	3	2479,2	2,15	2,49
UDEC2	250 mM NaCl	24	1	3220,2	2,17	2,44
UDEC2	250 mM NaCl	24	2	2502,2	2,2	2,44
UDEC2	250 mM NaCl	24	3	2863	2,15	2,42
UDEC2	250 mM NaCl	48	1	4895,9	2,19	2,42
UDEC2	250 mM NaCl	48	2	3256,7	2,19	2,45
UDEC2	250 mM NaCl	48	3	2235,5	2,18	2,46
UDEC2	250 mM NaCl	72	1	3717,5	2,18	2,44
UDEC2	250 mM NaCl	72	2	5446,9	2,22	2,42
UDEC2	250 mM NaCl	72	3	3818,4	2,19	2,44
UDEC2	250 mM NaCl	120	1	4689,9	2,21	2,43
UDEC2	250 mM NaCl	120	2	6607,6	2,17	2,41
UDEC2	250 mM NaCl	120	3	5637	2,21	2,42
UDEC4	250 mM NaCl	24	1	3825,2	2,18	2,43
UDEC4	250 mM NaCl	24	2	3702,7	2,17	2,35
UDEC4	250 mM NaCl	24	3	3761,2	2,18	2,43
UDEC4	250 mM NaCl	48	1	5712,5	2,22	2,42
UDEC4	250 mM NaCl	48	2	5179,2	2,21	2,42
UDEC4	250 mM NaCl	48	3	4980,4	2,21	2,43
UDEC4	250 mM NaCl	72	1	4970,3	2,2	2,41
UDEC4	250 mM NaCl	72	2	4321,4	2,2	2,42
UDEC4	250 mM NaCl	72	3	5774,6	2,22	2,41
UDEC4	250 mM NaCl	120	1	2282,4	2,17	2,51
UDEC4	250 mM NaCl	120	2	7011,6	2,17	2,41
UDEC4	250 mM NaCl	120	3	5366,3	2,21	2,42