**Additional file 3**



**Figure S3.** Control immunofluorescence micrographs of transverse sections of celery collenchyma strands at four developmental stages with the omission of the primary antibodies LM15, LM10, LM11 and LM21. LM15 (**a**-**d**) are control experiments for sections with LM15 labelling omitted. LM15 + PL (**e**-**h**) are control experiments for sections pretreated with pectate lyase, but with LM15 labelling omitted. LM10/LM11 (**i-l**) are control experiments for sections with LM10 or LM11 labelling omitted. LM10/LM11+ PL (**m-p**) are control experiments for sections pretreated with pectate lyase, but with LM10 or LM11 labelling omitted. LM21+ PL (**q-t**) are control experiments for sections pretreated with pectate lyase, but with LM21 labelling omitted. Stage 1 (from 2.6 cm petiole) (**a**, **e**, **I, m, q**); Stage 2 (from 11 cm petiole) (**b**, **f**, **j, n, r**); Stage 3 (from 24 cm petiole) (**c**, **g**, **k, o, s**); Stage 4 (from 40 cm petiole) (**d**, **h**, **l, p, t**). e = epidermis, c = collenchyma cells. Scale = 100 μm.