



Extended Data Fig. 5 | Differential ABA-triggered subcellular Ca^{2+} dynamics within 50 s.

Ca^{2+} signals of CRS-PM, CRS, CRS-NLS within 50 s in response to ABA in the epidermal cell of the root meristem zone in 7-day-old transgenic CRS plants. The signal result is subtracted from the mock control presented in Fig. 3b-d. CRS-PM detected the ABA-induced Ca^{2+} wave first, but the nuclear Ca^{2+} oscillation revealed by CRS-NLS did not commence until 100 s. (Fig. 3d).