

 HXXHH



 HXXHH

 HXXXH







**Figure S6** Alignment (MEGA-X, Muscle) of the predicted protein sequences of 12 *D. carota* *CER1* and *CER3* genes (see Table 2**)** and comparison with other known plant *CER1/3s* (*AtCER1*\_NP\_171723.2 and *AtCER3*\_ NP\_200588.2 from *A. thaliana*; *CsCER1*\_KJ461885 and *CsCER3*\_AIE57504.1 from *Camelina sativa; BnCER1*\_KF724897 from *Brassica napus*) and the putative tomato *CER1* gene *Solyc12g100270* [27]. Three putative His boxes are underlined.