Supporting information Fig. 4: Root pattern of expression of *A. thaliana* genes encoding proteins homologous to *B. oleracea* xylem sap proteins.

Data are from the AREX database (http://www.arexdb.org). An example is given for each pattern of expression. Root anatomy is described in detail in Dolan et al. (1993, Development 119, 71-84)

Pattern 2 Pattern 3 Pattern 4 Pattern 5 Pattern 6 Pattern 1 all root tissues except in mostly epidermis including or mostly cortical cells, eventually stele parenchyma cells, mostly phloem cells mostly xylem cells stele parenchyma cells not root hairs, or cortical cells endodermis, pericycle or stele including or not vessels At5g43060 At2g43590 At3g54400 At1g71695 At5g42720 At4g12910