

Additional file 7: Table S5. Orthologous groups of annexin genes in *T.aestivuma*, *T.urartu*, *A.tauschii*, *H. vulgare*, *O.sativa* and *B.distachyon*.

Orthologous Groups	Genes	Missing data
OrthoMCL1	<i>AeAnn1, BdAnn1, HvAnn1, TaAnn1, HvAnn6, TaAnn6, TuAnn6</i>	<i>OsAnn6, BdAnn6</i>
OrthoMCL 2	<i>AeAnn2, BdAnn2, HvAnn2, OsAnn2, TaAnn2, TuAnn2</i>	
OrthoMCL 3	<i>AeAnn3, BdAnn3, HvAnn3, OsAnn3, TaAnn3, TuAnn3</i>	
OrthoMCL 4	<i>AeAnn4, BdAnn4, OsAnn4, TaAnn4</i>	<i>TuAnn4, HvAnn4</i>
OrthoMCL 5	<i>AeAnn5, BdAnn5, HvAnn5, OsAnn5, TaAnn5</i>	<i>TuAnn5,</i>
OrthoMCL 6	<i>AeAnn7, HvAnn7, TaAnn7</i>	<i>TuAnn7, OsAnn7</i>
OrthoMCL 7	<i>BdAnn8, HvAnn8, TaAnn8</i>	<i>TuAnn8, AeAnn8, OsAnn8</i>
OrthoMCL 8	<i>AeAnn9, BdAnn9, HvAnn9, OsAnn9, TaAnn9, TuAnn9</i>	
OrthoMCL 9	<i>AeAnn10, BdAnn10, HvAnn10, OsAnn10, TaAnn10, TuAnn10</i>	
OrthoMCL 10	<i>AeAnn11, BdAnn11, HvAnn11, OsAnn11, TaAnn11, TuAnn11, AeAnn12, BdAnn12, HvAnn12, OsAnn12, TaAnn12, TuAnn12</i>	

The orthologs of *Ann1-12* genes among *T.aestivuma*, *T.urartu*, *A.tauschii*, *H. vulgare*, *O.sativa* and *B.distachyon* were identified by OrthoMCL (v1.4) software with the P value of 1e-20.