

**Additional file 1: Table S1.** Information on annexin sequences identified in the *T.aestivum*, *T.urartu* *A.tauschii* and *H.vulgare*.

		<i>T.aestivum</i>			<i>T.urartu</i>		<i>A.tauschii</i>		<i>H.vulgare</i>		
Gene	IWGSC Chromosome Localization	Unigene	GenBank	IWGSC	Gene	Gramene	Gene	Gramene	Gene	Gramene	GenBank
<i>TaAnn1</i>	<i>TaAnn1-A</i>	1AS	Ta.9484	AY462115.1	Traes_1AS_3264B32DD1.1						
	<i>TaAnn1-D</i>	1DS			Traes_1DS_DD0F4640E.1	<i>TuAnn1</i>	TRIUR3_22191	<i>AeAnn1</i>	AEGTA07604	<i>HvAnn1</i>	MLOC_15770.2
<i>TaAnn2</i>	<i>TaAnn2-A</i>	1AL	Ta.37581		Traes_1AL_A5FB19E3C.1						
	<i>TaAnn2-B</i>	1BL			Traes_1BL_E0E972134.1	<i>TuAnn2</i>	TRIUR3_11010			<i>HvAnn2</i>	MLOC_54933.3
<i>TaAnn3</i>	<i>TaAnn3-A</i>	1?	Ta.13303								
	<i>TaAnn3-B</i>	1BL			Traes_1BL_04EBF6A19.1	<i>TuAnn3</i>	TRIUR3_11009	<i>AeAnn3</i>	AEGTA29052	<i>HvAnn3</i>	MLOC_54932.1
<i>TaAnn4</i>	<i>TaAnn4-A</i>	2AL			Traes_2AL_788CA6B69.1						
	<i>TaAnn4-D</i>	2DL			Traes_2DL_227971FCE.1		-	<i>AeAnn4</i>	AEGTA21287		-
<i>TaAnn5</i>	<i>TaAnn5-B</i>	2BS			Traes_2BS_879851C74.1			<i>AeAnn5</i>	AEGTA42363	<i>HvAnn5</i>	MLOC_15543.3
<i>TaAnn6</i>	<i>TaAnn6-A</i>	3AL		AAR25142.1	Traes_3AL_A966AD43D.2						
	<i>TaAnn6-B</i>	3B?			Traes_3B_93504D484.1	<i>TuAnn6</i>	TRIUR3_18622	<i>AeAnn6</i>	AEGTA16509	<i>HvAnn6</i>	MLOC_55134.1
<i>TaAnn7</i>	<i>TaAnn7-B</i>	4BL			Traes_4BL_8BD1B62C8.2						
	<i>TaAnn7-D</i>	4DL			Traes_4DL_D0B60B7B5.2			<i>AeAnn7</i>	AEGTA11977		
<i>TaAnn8</i>	<i>TaAnn8-A</i>	4AS	Ta.37581		Traes_4AS_63C8858E9.1						
	<i>TaAnn8-D</i>	4DL	Ta.37581		Traes_4DL_87FDF914B.1					<i>HvAnn8</i>	AK370408
<i>TaAnn9</i>	<i>TaAnn9-B</i>	5BL			Traes_5BL_56B9E776F.1						
	<i>TaAnn9-D</i>	5DL	Ta.13966	AK332757.1	Traes_5DL_E1D06F29F.1			<i>AeAnn9</i>	AEGTA10144		
<i>TaAnn10</i>	<i>TaAnn10-A</i>	5?		KT198661		<i>TuAnn10</i>	TRIUR3_04012	<i>AeAnn10</i>	AEGTA28110	<i>HvAnn10</i>	MLOC_54650.4

	<i>TaAnn10-B</i>	5BL				Traes_5BL_23101F4FA.2						
	<i>TaAnn10-D</i>	5DL	Ta.63246			Traes_5DL_7A3A1FDF9.2						
	<i>TaAnn11-A</i>	6AL				Traes_6AL_CFE60316E.1						
<i>TaAnn11</i>	<i>TaAnn11-B</i>	6?	Ta.1577	AK331181			<i>TuAnn11</i>	TRIUR3_16577	<i>AeAnn11</i>	AEGTA31729	<i>HvAnn11</i>	MLOC_51591.2
	<i>TaAnn11-D</i>	6DL				Traes_6DL_6F7AB41471.1						
	<i>TaAnn12-A</i>	7AL	Ta.40948	AK331881.1		Traes_7AS_FFB7CAFC3.1	<i>TuAnn12</i>	TRIUR3_03306	<i>AeAnn12</i>	AEGTA27331	<i>HvAnn12</i>	
<i>TaAnn12</i>	<i>TaAnn12-D</i>	7DL				Traes_7DS_3F6DCEAA8.1						AK248515

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