

Table S5 subcellular location prediction of AaLTPs

Name	ID	Localizat ion	Nucl eus	Cytop lasm	Extrac ellular	Mitocho ndrion	Cell membra ne	Endoplasmic reticulum	Plasti d	Golgi appara tus	Lysosome /Vacuole	Peroxi some
<i>AaLtpI.1</i>	Super-Scaffold_100123g01462191	Extracellu lar	0	0.0022	0.9948	0.0027	0	0	0.0003	0	0	0
<i>AaLtpI.2</i>	chr2g00359671	Extracellu lar	0	0.0001	0.9562	0.0009	0	0	0.0428	0	0	0
<i>AaLtpI.3</i>	chr2g00359701	Extracellu lar	0	0.0001	0.9628	0.0006	0	0	0.0365	0	0	0
<i>AaLtpI.4</i>	chr3g00499441	Extracellu lar	0	0.0004	0.9989	0.0006	0.0001	0	0	0	0.0001	0
<i>AaLtpI.5</i>	chr1g00152381	Extracellu lar	0.0184	0.0122	0.9337	0.0042	0.0097	0.0029	0.0003	0.0009	0.0176	0
<i>AaLtpI.6</i>	chr2g00297041	Extracellu lar	0	0.0004	0.9993	0.0002	0	0	0	0	0	0
<i>AaLtpI.7</i>	chr2g00297131	Extracellu lar	0.0001	0.0086	0.9833	0.008	0	0	0	0	0	0
<i>AaLtpI.8</i>	chr2g00297171	Extracellu lar	0.0003	0.0037	0.9799	0.0141	0	0	0.0019	0	0.0001	0
<i>AaLtpI.9</i>	chr2g00297151	Extracellu lar	0.0001	0.0107	0.9753	0.0129	0	0	0.001	0	0	0
<i>AaLtpI.10</i>	chr2g00297111	Extracellu lar	0.0019	0.0056	0.9735	0.0179	0.0002	0	0.0004	0	0.0006	0
<i>AaLtpI.11</i>	chr3g00546061	Extracellu lar	0	0.0002	0.9994	0	0	0	0.0002	0	0.0002	0
<i>AaLtpI.12</i>	chr2g00297121	Extracellu lar	0.0002	0.0005	0.998	0.0005	0	0	0.0003	0	0.0004	0
<i>AaLtpI.13</i>	chr1g00017271	Extracellu lar	0.0038	0.0207	0.7637	0.0297	0.0005	0	0.181	0	0.0006	0
<i>AaLtpI.14</i>	chr2g00309551	Extracellu lar	0.0006	0.0035	0.9758	0.0099	0.0003	0	0.0091	0	0.0007	0
<i>AaLtpI.15</i>	chr4g00612411	Extracellu lar	0.0008	0.0028	0.9702	0.0146	0.0002	0	0.011	0	0.0005	0
<i>AaLtpI.16</i>	chr6g01084791	Extracellu lar	0.0124	0.0128	0.965	0.0085	0.0001	0	0.0008	0	0.0004	0
<i>AaLtpI.17</i>	chr2g00297031	Extracellu lar	0.0009	0.0116	0.9815	0.0057	0.0001	0	0	0	0	0
<i>AaLtpI.18</i>	unctg_3864g01516351	Extracellu lar	0.0121	0.0219	0.9373	0.0189	0.0033	0.0001	0	0.0007	0.0056	0
<i>AaLtpI.19</i>	chr2g00297011	Extracellu lar	0.0133	0.024	0.6999	0.1633	0.0001	0	0.0993	0	0.0001	0
<i>AaLtpI.20</i>	chr3g00499431	Extracellu lar	0.0023	0.0214	0.9523	0.0211	0.0001	0	0.0026	0	0.0001	0

<i>AaLtpI.21</i>	chr2g00297081	Extracellu lar	0.04 85	0.062	0.7416	0.1376	0.0052	0.0002	0.000 2	0.0006	0.0029	0.0012
<i>AaLtpII.1</i>	chr1g00100031	Extracellu lar	0	0.0002	0.9996	0.0002	0	0	0	0	0	0
<i>AaLtpII.2</i>	chr1g00099971	Extracellu lar	0.00 01	0.001	0.9982	0.0007	0	0	0	0	0	0
<i>AaLtpII.3</i>	chr1g00099961	Extracellu lar	0	0	1	0	0	0	0	0	0	0
<i>AaLtpII.4</i>	chr5g00892001	Extracellu lar	0.01 02	0.0049	0.7662	0.0261	0.0036	0	0.187 7	0.0001	0.0012	0
<i>AaLtpII.5</i>	chr1g00099991	Extracellu lar	0.00 02	0.0012	0.9977	0.0009	0	0	0	0	0	0
<i>AaLtpII.6</i>	chr3g00577871	Extracellu lar	0	0	0.9999	0	0	0	0	0	0	0
<i>AaLtpII.7</i>	chr6g01008841	Extracellu lar	0.00 11	0.006	0.9873	0.0054	0	0	0.000 1	0	0	0
<i>AaLtpII.8</i>	chr3g00577891	Extracellu lar	0.00 13	0.0094	0.9788	0.0097	0	0	0.000 9	0	0	0
<i>AaLtpII.9</i>	chr9g01375721	Extracellu lar	0	0.0001	0.9999	0	0	0	0	0	0	0
<i>AaLtpII.10</i>	chr5g00891931	Extracellu lar	0.00 09	0.0057	0.9698	0.0172	0	0	0.006 3	0	0	0
<i>AaLtpII.11</i>	chr3g00483861	Extracellu lar	0	0.0002	0.9997	0.0001	0	0	0	0	0	0
<i>AaLtpIII.1</i>	unctg_5142g01560471	Extracellu lar	0	0	1	0	0	0	0	0	0	0
<i>AaLtpIII.2</i>	chr3g00559411	Extracellu lar	0	0	1	0	0	0	0	0	0	0
<i>AaLtpIV.1</i>	chr2g00348561	Extracellu lar	0	0.0004	0.9994	0.0002	0	0	0	0	0	0
<i>AaLtpIV.2</i>	chr8g01299581	Extracellu lar	0.00 33	0.0445	0.9097	0.0362	0.0001	0	0.006 1	0	0.0002	0
<i>AaLtpV.1</i>	chr1g00206751	Extracellu lar	0.01 57	0.0825	0.7947	0.0362	0.0669	0.0001	0.000 1	0.0027	0.0011	0
<i>AaLtpV.2</i>	chr1g00206761	Extracellu lar	0.00 43	0.035	0.9151	0.0422	0.0022	0	0.000 5	0.0001	0.0006	0.0001
<i>AaLtpV.3</i>	chr3g00569011	Extracellu lar	0.00 89	0.0857	0.8309	0.0733	0.0007	0	0.000 4	0	0.0001	0
<i>AaLtpV.4</i>	chr5g00787181	Extracellu lar	0.01 95	0.0403	0.4747	0.4462	0.0105	0.0004	0.004 1	0.0035	0.0002	0.0006
<i>AaLtpVI.1</i>	chr6g01040821	Extracellu lar	0.01 74	0.0709	0.6333	0.2772	0.001	0	0	0	0.0001	0
<i>AaLtpVI.2</i>	chr6g01040781	Extracellu lar	0.03 29	0.1484	0.5301	0.2868	0.0014	0	0.000 2	0	0.0001	0

<i>AaLtpVI.3</i>	chr1g00008331	Extracellular	0	0.0001	0.9984	0.0014	0	0	0	0	0	0
<i>AaLtpVI.4</i>	chr6g01040811	Extracellular	0.0088	0.0227	0.8198	0.1445	0.0027	0	0.0012	0	0.0002	0
<i>AaLtpVII.1</i>	chr1g00063881	Extracellular	0	0.0002	0.9948	0.0015	0.0016	0	0	0	0.0019	0
<i>AaLtpVII.2</i>	chr1g00063861	Extracellular	0.0001	0.0001	0.9952	0.0012	0.0012	0	0.0001	0	0.002	0
<i>AaLtpVII.3</i>	chr2g00408761	Cell membrane	0.0052	0.0015	0.1006	0.0043	0.7912	0.0461	0.0065	0.0197	0.0247	0.0001
<i>AaLtpVII.4</i>	chr2g00415681	Extracellular	0.0008	0.0083	0.987	0.0034	0	0	0.0004	0	0	0
<i>AaLtpIX.1</i>	chr2g00241771	Extracellular	0	0	0.9998	0.0001	0	0	0	0	0	0
<i>nsLTPy.1</i>	chr4g00736531	Extracellular	0.0002	0.002	0.9919	0.0059	0	0	0	0	0	0
<i>nsLTPy.2</i>	chr4g00736521	Extracellular	0	0	1	0	0	0	0	0	0	0
<i>nsLTPy.3</i>	chr2g00265921	Extracellular	0	0.0001	0.9997	0.0002	0	0	0	0	0	0
<i>nsLTPy.4</i>	chr2g00265911	Extracellular	0.0004	0.0011	0.9769	0.0209	0.0002	0	0	0.0001	0.0003	0
<i>nsLTPy.5</i>	chr4g00694091	Extracellular	0.0511	0.0867	0.491	0.3701	0.0008	0	0.0001	0.0001	0.0001	0
<i>nsLTPy.6</i>	chr2g00265901	Extracellular	0.0286	0.0487	0.8338	0.0838	0.0006	0	0.0039	0	0.0005	0
