

Table S2 Relative expression of *B. vulgaris* EXPANSINs in different organs measured by RT-qPCR. *BvEXPA23L-1*, *BvEXPA23L-2*, *BvEXPA25L*, *BvEXPA26* were not tested (NT) as their orthologues in other plant species are exclusively expressed in embryotic tissues and floral organs. Data are n=3. s.d., in parenthesis.

Gene	Root, fold expression (s.d.)	Hypocotyl, fold expression (s.d.)	Leaf, fold expression (s.d.)	Transcript preferentially accumulates in
<i>BvEXPA2L</i>	1.025 (0.686)	0.710 (0.537)	0.007 (0.004)	root, hypocotyl
<i>BvEXPA4a</i>	0.975 (0.274)	2.455 (0.558)	0.678 (0.609)	root, hypocotyl, leaf
<i>BvEXPA4b</i>	0.760 (0.283)	1.130 (0.339)	0.813 (0.406)	root, hypocotyl, leaf
<i>BvEXPA4c</i>	1.020 (0.223)	0.760 (0.339)	0.950 (0.345)	root, hypocotyl, leaf
<i>BvEXPA4L</i>	0.997 (0.365)	0.193 (0.076)	0.033 (0.004)	root
<i>BvEXPA7</i>	1.068 (0.413)	0.307(0.051)	0.089 (0.012)	root
<i>BvEXPA7L</i>	0.988 (0.262)	1.445 (0.638)	0.110 (0.029)	root, hypocotyl
<i>BvEXPA10</i>	0.846 (0.217)	2.555 (2.354)	3.000 (1.260)	root, hypocotyl, leaf
<i>BvEXPA10L-1</i>	1.020 (0.131)	0.520 (0.282)	1.285 (0.856)	root, hypocotyl, leaf
<i>BvEXPA10L-2</i>	1.418 (0.818)	1.000 (0.297)	0.493(0.151)	root, hypocotyl, leaf
<i>BvEXPA11L-1</i>	1.190 (0.531)	1.308 (0.399)	0.053 (0.037)	root, hypocotyl
<i>BvEXPA11L-2</i>	1.173 (0.182)	0.125 (0.021)	0.008 (0.008)	root
<i>BvEXPA12</i>	0.873 (0.113)	6.235(2.378)	20.527 (4.909)	hypocotyl, leaf
<i>BvEXPA13</i>	0.943 (0.334)	1.125(0.684)	0.470 (0.170)	root, hypocotyl, leaf
<i>BvEXPA16</i>	0.703 (0.249)	1.050 (0.425)	0.757 (0.551)	root, hypocotyl, leaf
<i>BvEXPA23L-1</i>	NT	NT	NT	
<i>BvEXPA23L-2</i>	NT	NT	NT	
<i>BvEXPA25L</i>	NT	NT	NT	
<i>BvEXPA26</i>	NT	NT	NT	
<i>BvEXPA32L</i>	0.864 (0.206)	15.755 (1.067)	0.006 (0.003)	hypocotyl
<i>BvEXPB3</i>	0.905 (0.220)	4.880 (2.481)	3.797 (3.747)	hypocotyl, leaf
<i>BvEXPB15L</i>	1.042 (0.312)	10.495 (0.700)	0.060 (0.018)	hypocotyl
<i>BvEXLA1a</i>	1.310 (0.782)	0.708 (0.170)	0.179 (0.140)	root, hypocotyl
<i>BvEXLA1b</i>	0.820 (0.223)	0.522 (0.380)	1.27 (0.354)	root, hypocotyl, leaf
<i>BvEXLA2a</i>	0.633 (0.320)	0.450 (0.223)	0.091 (0.089)	root, hypocotyl
<i>BvEXLA2b</i>	1.027 (0.566)	0.197 (0.173)	0.080 (0.035)	root
<i>BvEXLA3a</i>	0.760 (0.422)	0.338 (0.147)	0.030 (0.008)	root, hypocotyl
<i>BvEXLA3b</i>	1.063 (0.637)	8.320 (0.453)	0.292 (0.153)	hypocotyl
<i>BvEXLA3c</i>	1.333 (1.115)	0.560 (0.057)	0.131 (0.130)	root, hypocotyl
<i>BvEXLB1a</i>	1.070 (0.268)	0.870 (0.082)	0.196 (0.132)	root, hypocotyl
<i>BvEXLB1b</i>	0.890 (0.448)	0.049 (0.042)	0.116 (0.078)	root
<i>BvEXLB1c</i>	0.985 (0.515)	0.035(0.030)	0.009 (0.002)	root