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Cotton fiber germin-like protein. I. Molecular cloning and gene expression

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Owing to problems during data transfer, Table 1 contained errors. The correct version is given below.

Table 1 Proposed enzymatic activities or physiological functions of germins and germin-like proteins (GLPs). Classification of three subclasses was done by Khuri et al. (2001). *Oxo* Oxalate oxidase; *EC Mn-SOD* extracellular manganese superoxide dismutase, *ABP* auxin binding protein, *AGPPase* ADP glucose pyrophosphatase/phosphodiesterase

| Subfamily | Members | Protein accession no. | Tissue or developmental stage | Enzymatic activities or suggested functions | References |
|-------------|---|----------------------------------|---------------------------------|--|--|
| Subfamily 1 | Wheat germin Barley germin | AAA34270 AAA32959 | Germinating embryo Seedling | OxO OxO | Lane et al. 1991, 1992, 1993 Lane et al. 1993 |
| Subfamily 2 | <i>Bu</i> GLP <i>Pc</i> GER1 Nectarin I | BAA86880 AAC99473 AAF03355 | Somatic embryo Floral nectar | EC Mn-SOD EC Mn-SOD Embryogenesis Mn-SOD | Woo et al. 2000 Yamahara et al. 1999 Neutelings et al. 1998 Carter et al. 1999 Carter and Thornburg 2000 |
| | Rhicadhesin receptor | Q9S8P4 | Root | Putative receptor | Swart et al. 1994; Wisniewski et al. 1999 |
| Subfamily 3 | <i>Hv</i> GLP1 | CAA75907 | Leaf | An insolubilized protein in stressed leaves Putative structural protein | Vallélian-Bindschedler et al. 1998 Schweizer et al. 1999 |
| | <i>Pp</i> ABP19 | AAD00295 | Shoot apex | AGPPase Putative ABP SOD | Rodríguez-López et al. 2001 Ohmiya et al. 1993, 1998 Ohmiya, 2002 |
| | <i>Pn</i> GLP | BAA08266 | Leaf and cotyledon | Floral induction | Ono et al. 1996 |
| | <i>Sa</i> GLP | CAA59257 | Leaf | Floral induction | Heintzen et al. 1994 |
| | <i>At</i> GER3/ <i>At</i> GLP3 | CAA73213 | Leaf and flower | Putative receptor | Membré et al. 1997, 2000 |
| | <i>Gh</i> GLP1 | AAF21988 | Elongating fiber cell | Cell expansion | This paper |

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