

Gene name	Description		Biologic	
	Estimated PPV, description		Estimated PPV, GO	
GBEXPA1	0.69 Expansin	0.83	GO:0009664	
GBEXPA2	0.66 Expansin	0.83	GO:0009664	
GBEXPA3	0.67 Expansin	0.83	GO:0009664	
		0.36	GO:0006949	
		0.36	GO:0009635	
GBEXPA4	0.66 Expansin	0.83	GO:0009664	
		0.36	GO:0006949	
		0.36	GO:0009635	
		0.83	GO:0009664	
GBEXPA5	0.68 Expansin	0.38	GO:0006949	
		0.36	GO:0010114	
		0.36	GO:0010119	
GBEXPA6	0.67 Expansin	0.83	GO:0009664	
GBEXPA7	0.68 Expansin	0.83	GO:0009664	
GBEXPA8	0.67 Expansin	0.83	GO:0009664	
GBEXPA9	0.64 Expansin	0.83	GO:0009664	
		0.39	GO:0006949	
		0.38	GO:0009635	
GBEXPA10	0.68 Expansin	0.83	GO:0009664	
GBEXPA11	0.67 Expansin	0.83	GO:0009664	
GBEXPB1	0.88 Expansin-B16 like			
GBEXPA20	0.66 Expansin	0.83	GO:0009664	
		0.37	GO:0010311	
GBEXPA21	0.67 Expansin	0.83	GO:0009664	

GBEXLB1	0.81 Putative expansin/Lol pI		
GBEXLA1	0.82 Beta-expansin		
GBEXLA2	0.79 Beta-expansin		
GBEXLB2	0.85 Major pollen allergen Lol pI		
GBEXLB3	0.89 Major pollen allergen Lol pI		
GBEXPA12	0.67 Expansin	0.83	GO:0009664
GBEXPA13	0.66 Expansin	0.83	GO:0009664
		0.83	GO:0009664
		0.41	GO:0009826
		0.4	GO:0090376
GBEXPA14	0.67 Expansin	0.37	GO:0000904
		0.37	GO:0080022
		0.36	GO:0009834
		0.36	GO:0042545
GBEXLB4	0.2 Major pollen allergen Ory s 1		
GBEXLB5	0.76 Major pollen allergen Lol pI		
GBEXPA15	0.67 Expansin	0.83	GO:0009664
GBEXLA3	0.66 Major pollen allergen Ory s 1		

GBEXLA4	0.65 Major pollen allergen Lol pI		
GBEXLA5	0.73 Major pollen allergen Lol pI		
GBEXPA16	0.68 Expansin	0.83	GO:0009664
		0.38	GO:0006949
		0.38	GO:0009635
GBEXPA17	0.67 Expansin	0.83	GO:0009664
GBEXPA18	0.65 Expansin	0.83	GO:0009664
GBEXPA19	0.69 Expansin	0.83	GO:0009664
GBEXPB2	0.87 Expansin-B16 like		
GBEXPB3	0.85 Expansin-B16 like		
GBEXPB4	0.86 Expansin-B16 like		
GBEXPA22	0.64 Expansin	0.83	GO:0009664
		0.43	GO:0080022
		0.42	GO:0009826
GBEXPA23	0.67 Expansin	0.83	GO:0009664
GBEXPA24	0.67 Expansin	0.82	GO:0009664
		0.36	GO:0006949
		0.36	GO:0042545
GBEXPA25	0.66 Expansin	0.83	GO:0009664
		0.36	GO:0006949
		0.36	GO:0009635
GBEXPA26	0.68 Expansin	0.83	GO:0009664
GBEXPA27	0.69 Expansin	0.83	GO:0009664

GBEXPA28	0.68 Expansin	0.83	GO:0009664
GBEXPA29	0.66 Expansin	0.83	GO:0009664
		0.36	GO:0006949
		0.36	GO:0009635
GBEXPA30	0.67 Expansin	0.83	GO:0009664
GBEXPA31	0.66 Expansin	0.83	GO:0009664
GBEXPA32	0.65 Expansin	0.83	GO:0009664

biological process	Molecular function	Cellular component		
GO-id, description	Estimated PPV, GO-id, description	Estimated PPV, GO-id, description		
plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization syncytium formation	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
response to herbicide plant-type cell wall organization syncytium formation	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
response to herbicide plant-type cell wall organization syncytium formation	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
response to red light regulation of stomatal movement	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization syncytium formation	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
response to herbicide plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization lateral root formation	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	
plant-type cell wall organization	0.65	GO:0005576	extracellular region	
	0.43	GO:0016020	membrane	

	0.65	GO:0005576	extracellular region
	0.32	GO:0016021	integral component of membrane
	0.65	GO:0005576	extracellular region
	0.65	GO:0005576	extracellular region
	0.65	GO:0005576	extracellular region
	0.32	GO:0016021	integral component of membrane
	0.65	GO:0005576	extracellular region
	0.32	GO:0016021	integral component of membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.43	GO:0016020	membrane
unidimensional cell growth	0.65	GO:0005576	extracellular region
seed trichome differentiation	0.43	GO:0016020	membrane
cell morphogenesis involved in differentiation			
primary root development	0.36	GO:0005618	cell wall
plant-type secondary cell wall biogenesis			
cell wall modification			
	0.65	GO:0005576	extracellular region
	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.65	GO:0005576	extracellular region
	0.43	GO:0016020	membrane
	0.65	GO:0005576	extracellular region
	0.65	GO:0005576	extracellular region

	0.34	GO:0016021	integral component of membrane
	0.65	GO:0005576	extracellular region
	0.34	GO:0016021	integral component of membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
syncytium formation	0.43	GO:0016020	membrane
response to herbicide			
plant-type cell wall organization	0.65	GO:0005576	extracellular region
	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
primary root development	0.43	GO:0016020	membrane
unidimensional cell growth			
plant-type cell wall organization	0.65	GO:0005576	extracellular region
	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
syncytium formation	0.43	GO:0016020	membrane
cell wall modification			
plant-type cell wall organization	0.65	GO:0005576	extracellular region
syncytium formation	0.43	GO:0016020	membrane
response to herbicide			
plant-type cell wall organization	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.65	GO:0005576	extracellular region

organization	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.43	GO:0016020	membrane
syncytium formation	0.65	GO:0005576	extracellular region
response to herbicide	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.43	GO:0016020	membrane
plant-type cell wall organization	0.65	GO:0005576	extracellular region
plant-type cell wall organization	0.43	GO:0016020	membrane