

Order	Po								Au	Hy	Co	Ru			Ag								Ca	Ja	Ag	Po			Da	Gl	Bo									
	Blead	Cersu	Dicsq	Phaca	Phchr	Phlbr	Pycci	Trave	Aursu	Fomme	Punst	Hetan	Stehi	Agabi	Agrae	Armce	Armga	Armme	Armso	Arnos	Chopu	Copci	Galma	Mycch	Monpe	Pleos	Volvo	Botbo	Jaar	Schco	Fompi	Pospl	Wolco	Dacsp	Glotr	Conpu	Serla			
Crystalline cellulose	32	16	17	27	30	28	20	23	48	6	21	17	17	17	30	9	13	11	11	9	11	39	54	25	5	33	56	28	24	5	0	0	0	1	1	2	8	CBM1	Carbohydrate-binding module family 1	
	1	1	1	1	1	1	1	1	2	2	1	1	1	1	4	2	2	2	2	2	6	5	3	1	3	3	5	3	3	1	0	0	0	0	0	2	1	GH6	Glycoside hydrolase family 6	
	5	3	4	5	8	4	3	4	6	2	5	1	3	1	11	5	4	4	3	5	9	6	8	6	5	16	11	7	5	2	0	0	0	0	0	2	0	GH7	Glycoside hydrolase family 7	
	28	9	15	11	15	12	17	18	19	13	14	10	16	11	21	22	19	25	19	19	31	34	19	12	18	29	31	32	15	22	4	2	2	0	4	10	5	AA9	Lytic polysaccharide monooxygenase	
Lignin	20	17	12	11	15	15	11	26	19	17	11	8	6	2	4	8	8	10	7	7	4	1	10	11	4	9	7	0	11	0	1*	1*	1*	0	0	0	0	0	AA2	Class II peroxidase
	30	17	27	32	31	32	20	17	38	23	18	29	40	31	25	67	65	52	51	54	24	35	32	2	51	36	27	19	17	18	16	15	8	8	20	14	8	AA3_2	GMC oxidoreductase	
	7	3	9	6	7	8	7	9	9	4	9	5	8	9	8	5	5	7	5	5	12	6	15	10	7	16	4	5	4	2	4	2	4	3	2	6	3	AA5_1	Copper radical oxidase	
	0	7	11	0	0	8	5	7	0	10	12	14	15	12	14	23	25	24	23	24	45	17	8	13	24	11	11	0	1	2	5	4	3	0	4	6	4	AA1_1	Laccase	
	7	4	4	4	3	6	2	4	7	3	4	3	7	5	3	8	9	8	6	6	10	2	6	18	5	4	5	3	2	4	5	1	6	1	2	5	5	AA3_3	Alcohol oxidase	
	4	0	4	0	0	0	0	0	2	0	1	2	3	3	2	3	5	3	4	4	3	2	9	2	0	3	2	5	1	4	5	0	0	3	0	0	0	AA7	Glucooligosaccharide oxidase	
	2	1	1	1	1	2	1	2	0	1	1	1	1	2	1	1	2	2	3	2	2	1	0	1	0	5	1	0	1	1	0	1	1	1	3	1	1	1	AA1_2	Ferroxidase
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	3	3	3	3	3	1	1	1	1	3	1	1	3	1	1	0	0	0	0	1	2	2	AA3_1	Cellobiose dehydrogenase	
	5	0	0	0	1	1	2	1	3	0	1	0	0	0	0	3	3	4	0	2	1	0	0	0	0	0	0	2	1	0	0	0	0	0	1	0	0	AA3_4	Pyranose oxidase	
	0	0	0	0	0	4	0	0	0	0	1	0	1	3	1	0	0	0	1	0	0	1	0	0	0	1	0	0	0	4	0	0	0	2	0	1	0	AA1_dist	Multicopper oxidase	
	4	0	1	3	4	4	1	1	4	3	2	1	1	4	3	3	3	3	3	4	4	4	3	3	0	1	2	2	1	3	4	1	0	1	1	3	2	2	AA6	Benzoquinone reductase
	1	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	2	2	2	2	2	2	6	1	1	2	1	1	2	2	3	0	0	0	0	0	4	4	AA8	Iron reductase domain
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0	0	2	3	0	0	AA4	Vanillyl alcohol oxidase	
	9	0	1	3	0	3	0	2	11	3	5	1	2	2	3	1	0	2	1	1	7	4	5	1	1	5	1	3	1	1	0	2	0	0	0	0	0	0	DyPs	DyP-type peroxidase
	4	9	4	2	5	2	3	3	15	3	8	4	9	22	18	8	6	4	6	6	8	7	21	3	11	4	3	7	8	3	5	5	5	6	6	2	3	HTP	Heme-thiolate peroxidases	