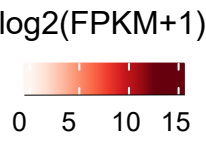
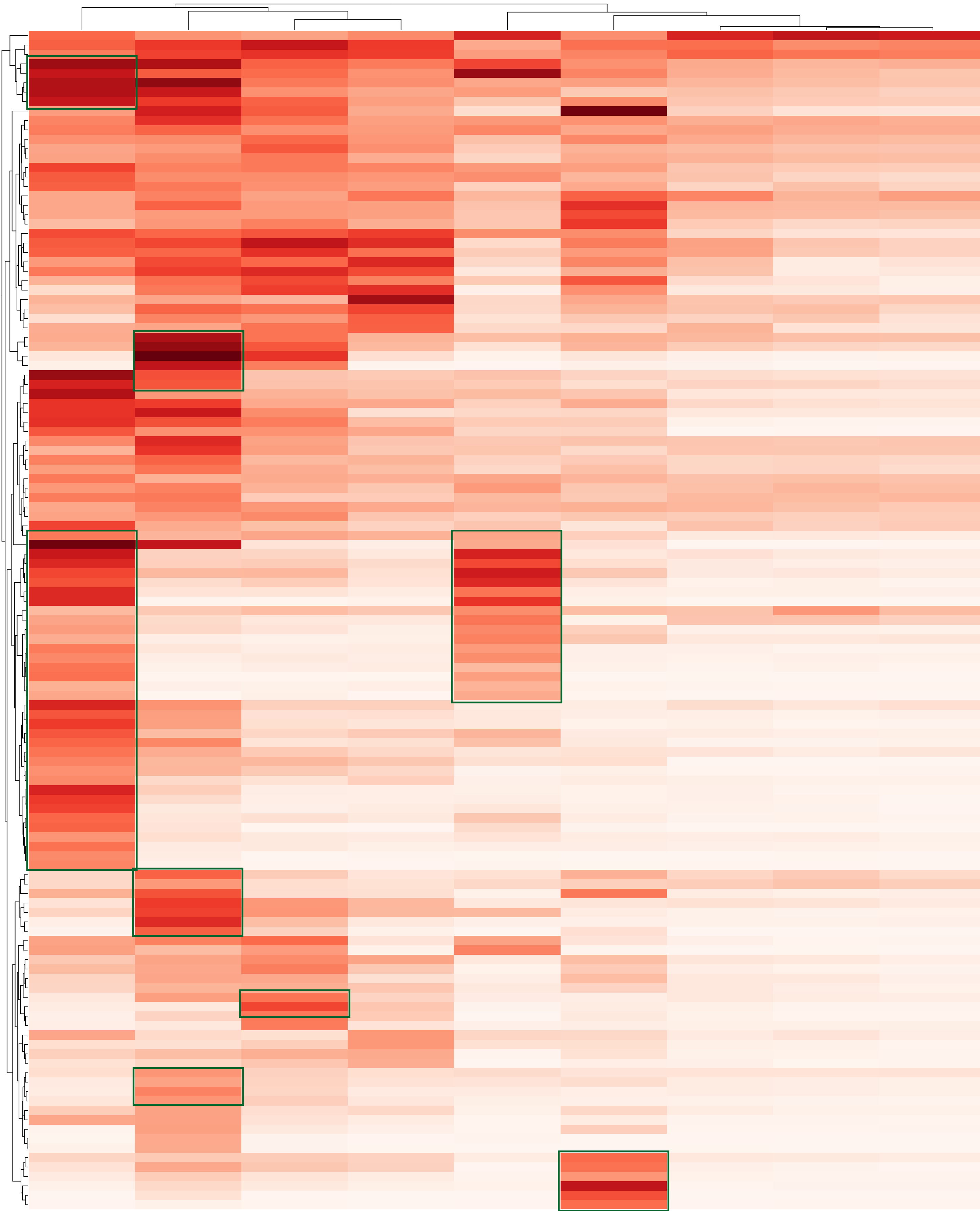


GeneID	CAZy family	Activity	Substrate
Aspnid1 8110	GH3	BXL	Xylan
Aspnid1 7119	GH43	ABF/BXL	Xylan
Aspnid1 1280	GH43	ABF/BXL	Xylan
Aspnid1 1998	GH3	BGL	Cellulose
Aspnid1 9090	GH43	ABN	Pectin
Aspnid1 5409	GH51	ABF	Xylan/Pectin/Xyloglucan
Aspnid1 3324	GH31	AXL	Xyloglucan
Aspnid1 7563	GH43	ABF/BXL	Xylan
Aspnid1 5735	GH35	LAC	Pectin/Xyloglucan
Aspnid1 1435	GH43	ABN	Pectin
Aspnid1 8918	GH105	URGH	Pectin
Aspnid1 6930	GH31	AGD	Starch
Aspnid1 267	CE8	PME	Pectin
Aspnid1 5232	GH105	URGH	Pectin
Aspnid1 7002	GH28	PGX	Pectin
Aspnid1 1049	GH28	PGX	Pectin
Aspnid1 8912	GH2	LAC	Pectin/Xyloglucan
Aspnid1 2120	GH88	UGH	Pectin
Aspnid1 3654	GH43	ABF	Pectin/Xyloglucan
Aspnid1 3832	PL4_3	RGL	Pectin
Aspnid1 5016	GH78	RHA	Pectin
Aspnid1 7934	GH28	RGX	Pectin
Aspnid1 3024	GH78	RHA	Pectin
Aspnid1 7933	GH78	RHA	Pectin
Aspnid1 1957	PL4_3	RGL	Pectin
Aspnid1 8705	GH13_1	AMY	Starch
Aspnid1 7478	CE16	AXE	Xylan
Aspnid1 9325	CE12	RGAE	Pectin
Aspnid1 8467	GH1	BGL	Cellulose
Aspnid1 9766	GH78	RHA	Pectin
Aspnid1 9721	GH88	UGH	Pectin
Aspnid1 10445	AA13	LPMO	Starch
Aspnid1 2169	GH3	BGL	Cellulose
Aspnid1 2748	GH3	BGL	Cellulose
Aspnid1 4176	AA13	LPMO	Starch
Aspnid1 8691	GH13_1	AMY	Starch
Aspnid1 8232	GH2	LAC	Pectin/Xyloglucan
Aspnid1 7769	GH93	ABX	Pectin
Aspnid1 7945	GH3	BGL/BXL	Cellulose/Xylan
Aspnid1 6988	GH15	GLA	Starch
Aspnid1 7454	FAE	\	Pectin/Xylan
Aspnid1 9332	GH3	BGL	Cellulose
Aspnid1 1583	GH36	AGL	Mannan
Aspnid1 2674	GH13_40	AGD	Starch
Aspnid1 6028	GH3	BGL	Cellulose
Aspnid1 6030	GH78	RHA	Pectin
Aspnid1 5590	GH2	MND	Mannan
Aspnid1 8306	CE12	RGAE	Pectin
Aspnid1 9685	GH36	AGL	Mannan
Aspnid1 10613	GH78	RHA	Pectin
Aspnid1 1595	GH95	AFC	Xyloglucan
Aspnid1 6505	GH31	AXL	Xyloglucan
Aspnid1 5977	GH35	LAC	Pectin/Xyloglucan
Aspnid1 9020	GH1	BGL	Cellulose
Aspnid1 1330	GH62	AXH	Xylan
Aspnid1 5129	GH67	AGU	Xylan
Aspnid1 7505	GH10	XLN	Xylan
Aspnid1 2882	GH43	ABF/BXL	Xylan
Aspnid1 2883	GH43	ABF/BXL	Xylan
Aspnid1 3023	GH27	AGL	Mannan
Aspnid1 7231	GH54	ABF	Xylan/Pectin/Xyloglucan
Aspnid1 4188	CE1	AXE	Xylan
Aspnid1 5214	GH11	XLN	Xylan
Aspnid1 2743	GH10	XLN	Xylan
Aspnid1 2560	GH11	XLN	Xylan
Aspnid1 2143	GH105	URGH	Pectin
Aspnid1 3436	GH131	EGL	Cellulose
Aspnid1 8490	GH5_16	ENDO-BETA-1,6-GALACTANASE	Pectin
Aspnid1 3708	GH105	URGH	Pectin
Aspnid1 4821	GH43	ABF/BXL	Xylan
Aspnid1 9694	GH3	BXL	Xylan

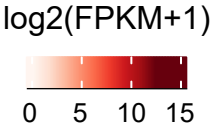


A. nidulans



L-arabinose
D-galacturonic acid
D-glucuronic acid
D-galactose
D-xylose
L-rhamnose
D-fructose
D-mannose
D-glucose

GeneID	CAZy family	Activity	Substrate
Pensub110072	GH13_1	AMY	Starch
Pensub112027	GH3	BGL	Cellulose
Pensub15932	GH43	ABN	Pectin
Pensub12281	GH51	ABF	Xylan/Pectin/Xyloglucan
Pensub113865	GH43	ABF/BXL	Xylan
Pensub18128	GH93	ABX	Pectin
Pensub113297	GH51	ABF	Xylan/Pectin/Xyloglucan
Pensub16338	GH35	LAC	Pectin/Xyloglucan
Pensub16624	GH105	URGH	Pectin
Pensub15035	GH28	PGA	Pectin
Pensub16307	AA16	LPMO	Cellulose
Pensub110447	GH27	AGL	Mannan
Pensub110078	GH36	AGL	Mannan
Pensub17144	GH3	BGL	Cellulose
Pensub111443	GH35	LAC	Pectin/Xyloglucan
Pensub15870	GH11	XLN	Xylan
Pensub14688	GH31	AXL	Xyloglucan
Pensub17928	GH15	GLA	Starch
Pensub19802	PL4_3	RGL	Pectin
Pensub113664	GH115	AGU	Xylan
Pensub111222	GH78	RHA	Pectin
Pensub12053	GH27	AGL	Mannan
Pensub1848	GH27	AGL	Mannan
Pensub17307	GH32	INX	Inulin
Pensub18031	GH15	GLA	Starch
Pensub111945	GH2	LAC	Pectin/Xyloglucan
Pensub12371	GH43	ABN	Pectin
Pensub1532	CE5	AXE	Xylan
Pensub111416	GH2	LAC	Pectin/Xyloglucan
Pensub1362	GH13_40	AGD	Starch
Pensub1361	GH13_40	AGD	Starch
Pensub110931	GH32	INV	Inulin
Pensub1759	GH28	PGX	Pectin
Pensub12263	CE8	PME	Pectin
Pensub11655	GH28	PGX	Pectin
Pensub110256	GH28	PGA	Pectin
Pensub111001	GH43	ABF	Pectin/Xyloglucan
Pensub14395	GH27	AGL	Mannan
Pensub13399	GH62	AXH	Xylan
Pensub18890	GH1	BGL	Cellulose
Pensub14796	GH3	BGL/BXL	Cellulose/Xylan
Pensub111908	GH95	AFC	Xyloglucan
Pensub13477	GH27	AGL	Mannan
Pensub19719	GH35	LAC	Pectin/Xyloglucan
Pensub114178	GH28	PGA	Pectin
Pensub112847	GH2	MND	Mannan
Pensub112201	GH53	GAL	Pectin
Pensub16027	GH62	AXH	Xylan
Pensub111114	GH5_5	EGL	Cellulose
Pensub16250	GH1	BGL	Cellulose
Pensub16581	AA9	LPMO	Cellulose
Pensub19639	GH3	BGL	Cellulose
Pensub12294	GH7	CBH	Cellulose
Pensub19765	GH29	AFC	Xyloglucan
Pensub11940	GH54	ABF	Xylan/Pectin/Xyloglucan
Pensub13510	GH43	ABF/BXL	Xylan
Pensub111745	GH43	ABF/BXL	Xylan
Pensub18222	GH5_22	EGL	Cellulose
Pensub15092	GH5_22	EGL	Cellulose
Pensub113043	GH10	XLN	Xylan
Pensub11444	GH11	XLN	Xylan
Pensub18824	CE5	AXE	Xylan
Pensub17375	GH11	XLN	Xylan
Pensub19764	GH3	BXL	Xylan
Pensub16031	GH43	ABF/BXL	Xylan
Pensub113445	GH10	XLN	Xylan
Pensub13512	GH93	ABX	Pectin
Pensub112441	GH10	XLN	Xylan
Pensub11664	GH51	ABF	Xylan/Pectin/Xyloglucan
Pensub15782	FAE	\	Pectin/Xylan
Pensub13511	GH3	BXL	Xylan
Pensub13364	GH54	ABF	Xylan/Pectin/Xyloglucan
Pensub112883	GH62	AXH	Xylan
Pensub112472	GH62	AXH	Xylan
Pensub16540	GH3	BGL/BXL	Cellulose/Xylan
Pensub114040	GH43	ABF/BXL	Xylan
Pensub16394	GH31	AXL	Xyloglucan
Pensub13476	GH27	AGL	Mannan
Pensub17184	CE1	AXE	Xylan
Pensub112473	GH43	ABF/BXL	Xylan
Pensub112887	GH43	ABF/BXL	Xylan
Pensub14845	GH43	ABF/BXL	Xylan
Pensub14850	GH54	ABF	Xylan/Pectin/Xyloglucan
Pensub13894	GH141	AFC	Xyloglucan
Pensub16724	GH54	ABF	Xylan/Pectin/Xyloglucan
Pensub13895	GH36	AGL	Mannan
Pensub112771	GH43	ABF/BXL	Xylan
Pensub13365	GH43	ABF/BXL	Xylan
Pensub16856	GH43	ABF/BXL	Xylan
Pensub112088	GH28	RGX	Pectin
Pensub112089	GH78	RHA	Pectin
Pensub112261	GH35	LAC	Pectin/Xyloglucan
Pensub16125	PL1_7	PLY	Pectin
Pensub113623	GH43	ABF/BXL	Xylan
Pensub14486	GH28	PGA	Pectin
Pensub13595	CE16	HAE	Xylan/Mannan/Xyloglucan
Pensub17919	GH67	AGU	Xylan
Pensub17918	GH30_7	EXL	Xylan
Pensub18192	GH28	RGX	Pectin
Pensub12516	GH35	LAC	Pectin/Xyloglucan
Pensub11378	GH88	UGH	Pectin
Pensub17796	AA9	LPMO	Cellulose
Pensub12020	FAE	\	Pectin/Xylan
Pensub11286	FAE	\	Pectin/Xylan
Pensub16610	GH1	BGL	Cellulose
Pensub11906	GH3	BGL	Cellulose
Pensub19846	CE5	AXE	Xylan
Pensub11352	CE16	HAE	Xylan/Mannan/Xyloglucan
Pensub113084	GH31	AGD	Starch
Pensub16750	CE1	AXE	Xylan
Pensub11735	PL1_4	PEL	Pectin
Pensub1698	GH28	XGH	Pectin
Pensub110774	GH28	PGA	Pectin
Pensub1699	CE8	PME	Pectin
Pensub12527	GH36	AGL	Mannan
Pensub18889	GH95	AFC	Xyloglucan
Pensub18310	CE12	RGAE	Pectin
Pensub16034	CE8	PME	Pectin
Pensub15036	GH5_5	EGL	Cellulose
Pensub16051	GH78	RHA	Pectin
Pensub1520	CE12	RGAE	Pectin
Pensub113232	CE16	HAE	Xylan/Mannan/Xyloglucan
Pensub113583	GH78	RHA	Pectin
Pensub113618	GH28	RGX	Pectin
Pensub113338	GH78	RHA	Pectin



P. subrubescens

